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GOVERNMENT OF KERALA

**STATISTICS**  
**FOR**  
**PLANNING**  
**1983**

DIRECTORATE OF  
ECONOMICS AND STATISTICS  
GOVERNMENT OF KERALA



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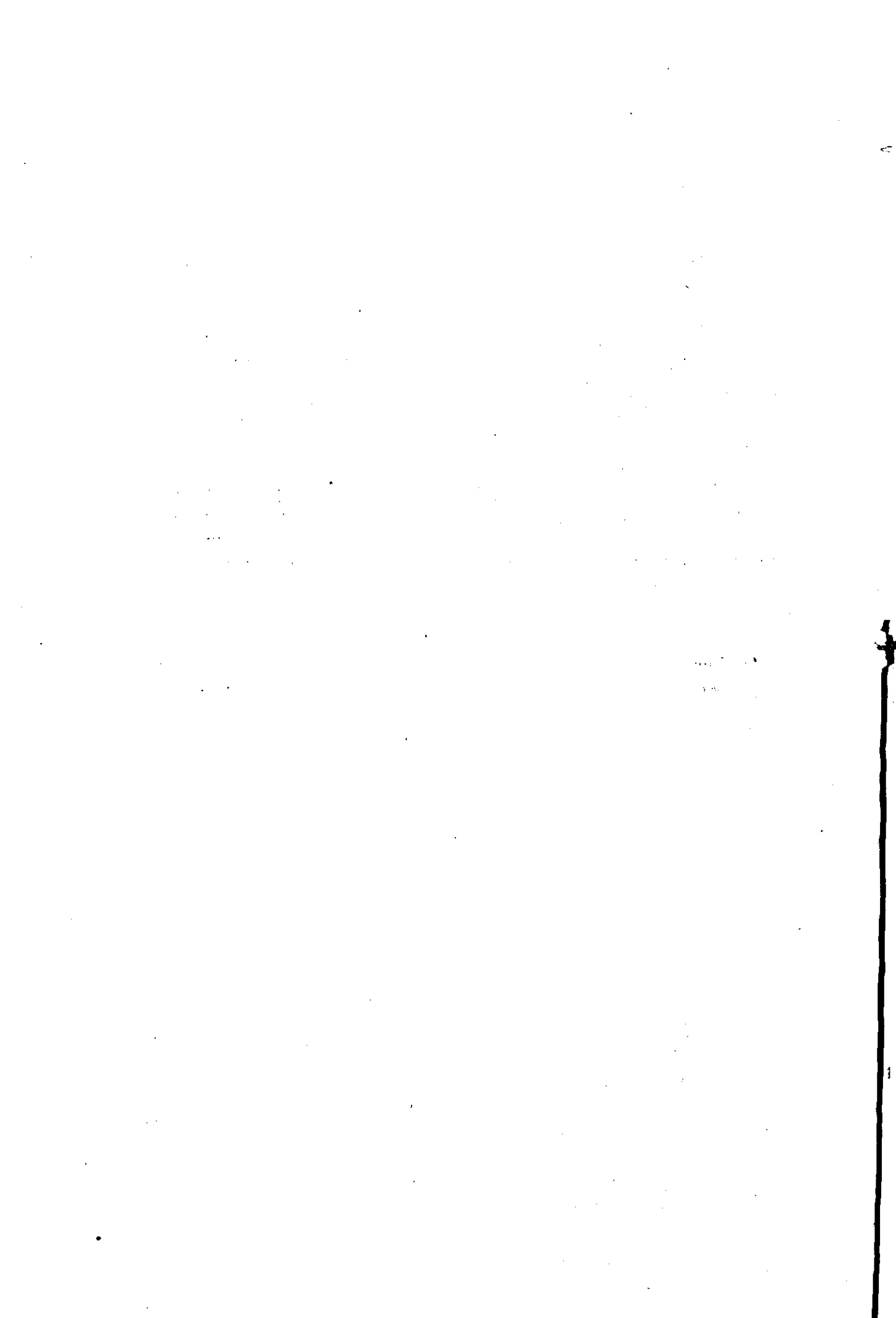
## P R E F A C E

'Statistics for Planning 1983' presented herein is a revised and up-dated edition of the publication on the same title published in 1980. Attempts have been made to present data relating to all sectors of the State Economy. The data compiled in 18 chapters covering major sectors of the Economy are presented in tabular form to suit the need of the users. This publication has been prepared in the Publication and Co-ordination division of the Directorate. It is hoped that this document will be of immense use to planners on the eve of the formulation of the Seventh Plan of the State.

The materials required for the publication were collected and compiled under the guidance of Smt. P. L. Sreedevi Amma, Joint Director. The sincere services rendered by Shri U. Balaji, Assistant Director, Smt. K. V. Mariamma, Research Officer, Smt. V. K. Kousallia and Shri P. Gopalakrishnan, Research Assistants are hereby acknowledged.

Trivandrum,  
13-1-1984.

K. RAMAVARMA,  
*Director.*



## CONTENTS

<i>Table No.</i>	<i>Description</i>	<i>Page No.</i>
<b>I. POPULATION</b>		
1.1	Growth of population including information on Decennial and Geometric growth rates 1981 to 1991	3
1.2	Age distribution of population 1971	3
1.3	Percentage distribution of population according to marital status in Kerala 1961 and 1971	3
1.4	Percentage distribution of population and growth rate according to religion in Kerala 1901 to 1971	4
1.5	Population of Scheduled castes and Scheduled Tribes in Kerala 1961, 1971 and 1981	4
1.6	Scheduled Caste population 1981 Census (District-wise)	4
1.7	Scheduled Tribe population 1981 (District-wise)	5
1.8	District-wise distribution of Main Workers in Kerala—1981	5
1.9	District-wise distribution of area, population, growth rate and density of population 1971 and 1981	6
1.10	No. of villages, towns and rural urban distribution of population 1961, 1971 and 1981	6
1.11	Population of Corporations and Municipalities 1971 and 1981	7
1.11 (a)	Birth-rate Kerala State (Census estimates)	7
1.11 (b)	Birth-rate—Kerala State—Sample Registration (Rural) estimates	8
1.12 (a)	General Fertility rate—Kerala	8
1.12 (b)	Gross Reproduction rate—Kerala	8
1.13 (a)	Age specific fertility rates in Kerala (Rural)	8
1.13 (b)	Death rate—Kerala (Census estimates)	9
1.13 (c)	Death rate, Kerala (Rural) Sample Registration	9
1.14	Infant Mortality—Kerala	9
1.15	Age specific death rates in Kerala (Male and female)	9
1.16	Expectation of life at birth	10
1.17	All India final population totals States and Union Territories ranked by population (1981)	10
1.18 (a)	Classification of districts according to population size—1981 Census	11
1.18 (b)	Classification of C. D. Blocks according to population size-1981	11
1.18 (c)	Classification of towns according to population—1981 census	11
1.18 (d)	Classification of villages Rural (wholly or partly) according to size of population 1981	11
<b>II. MANPOWER</b>		
2.1.1	Working population of Kerala by Industrial category, 1981	15
2.1.2	District-wise percentage of main workers in Agriculture, household industry and other workers to total workers during 1971 and 1981	15
2.1.2 (1)	Distribution of workers in Kerala Rural, Urban break-up 1981—District-wise	15
2.1.3	Work participation rate in each district—1971 and 1981	16
2.1.4	District-wise distribution of Labour Force and Employment Seekers	17
2.1.4 (1)	Distribution of Coir Workers by category of work in Kerala	17
2.1.4 (2)	Workers in handloom industry—Category-wise	17
2.1.5	Employment in establishment both public and private sectors in Kerala (covered under E. M. I.) by industry division as on 31st March	18
2.1.6	Employment in establishments in Public Sector in Kerala by industry division as on 31st March	18

<i>Table No.</i>	<i>Description</i>	<i>Page No.</i>
2.1.7	Employment in both public and private sectors in Kerala by districts (as on 31st March)	19
2.1.8	Employment in public sector (Total) by districts as on 31st March	19
2.1.9	Employment in private sector (Total) by districts as on 31st March	19
2.1.10	Employment in the public sector in Kerala by different branches—District-wise as on 31st March (Central Government)	20
2.1.11	Employment in the public sector in Kerala by different branches (State Government) District-wise as on 31st March	20
2.1.12	Employment in public sector in Kerala by different branches (Local bodies) district-wise as on 31st March	20
2.1.13	Employment in the Public Sector in Kerala by different branches (Quasi Government) district-wise as on 31st March	21
2.1.14	District-wise statistics of women employees in the different branches in Kerala as on 31-3-1982	21
2.2.1	Literacy in Kerala district-wise 1971 and 1981	21
2.2.2	Percentage of literates in Kerala and in other States 1971-1981	22
2.2.3	Percentage of students passed in the S. S. L. C. Examination in Kerala 1962 to 1982	22
2.2.3 (1)	Stock of teachers in Kerala (Section-wise) 1960-61 to 1981-82	22
2.2.4	Subject-wise out turn of B. A., B. Sc., B. Com. degree holders for the years 1979, 1980, 1981—Kerala University	23
2.2.5	Subject-wise out-turn of M. Sc. and M. Com.—1979 of Kerala University	24
2.2.5 (1)	Subject-wise out-turn of M. Sc. and M. Com. 1980 Kerala University	24
2.2.5 (2)	Subject-wise out-turn of M. Sc. and M. Com. 1981—Kerala University	25
2.2.5 (3)	Subject-wise out-turn of M. A. 1979—Kerala University	25
2.2.5 (4)	Subject-wise out-turn of M. A. 1980—Kerala University	25
2.2.5 (5)	Subject-wise out-turn of M. A. 1981—Kerala University	26
2.2.5 (6)	No. of students appeared and passed in Post-Graduate studies under Cochin University for the years 1978-79 to 1982-83	26
2.2.6	Sanctioned intake, actual intake and out-turn of B. Ed. degree holders	26
2.2.7 (1)	Intake of students in Engineering Colleges	26
2.2.7 (2)	Intake of Engineering Graduate (Branch-wise)	27
2.2.7 (3)	Intake of full-time degree courses in Engineering Colleges (Branch-wise)	27
2.2.7 (4)	Sanctioned and actual intake of post-graduate students in Engineering Colleges (Branch-wise)	27
2.2.7 (5)	Intake of diploma holders—(Branch-wise)	27
2.2.8	Out-turn of Engineering Graduates (including supplementary)—Branch-wise	28
2.2.8 (1)	Out-turn of diploma holders—branch-wise (including supplementary Examination)	28
2.2.9	Intake and out-turn of Medical Graduates (M. B. B. S.) from the Medical Colleges in Kerala	28
2.2.10	Intake and out-turn of degree holders in Ayurveda Colleges (Govt.)	28
2.2.11	Intake and out-turn of Agricultural Graduates and Post-Graduates	28
2.3.1	No. of applicants on live register of Employment Exchanges in Kerala as on 31st December	29
2.3.2	Occupational distribution of applicants on live Register of Employment Exchanges in Kerala as on 31st December	29
2.3.3	No. of work seekers in Kerala (district-wise) (1975-1982)	29
2.3.4	Distribution of work seekers in Kerala by Educational Levels	30
2.3.5	No. of Professional and Technical work seekers in the live Register	30
2.4	Out-migrants for Employment according to educational status (district-wise)	30
2.4.1	Out-migrants for employment (district-wise) according to places of destination	31
2.5	Employment categories as percentage to Labour Force Kerala (district-wise)	31
2.6	Work done by Employment Exchanges for Scheduled Castes for the years ending March	32
2.6.1	Work done by Employment Exchanges for Scheduled Tribes for the years ending March	33



<i>Table No.</i>	<i>Description</i>	<i>Page No.</i>
<b>III. INDUSTRIES</b>		
3.1	No. of working factories in Kerala registered under different sections of the Factories Act, 1948, Kerala—1960, 1970 and 1976 to 1981	37
3.2	Distribution of Registered working factories (submitted returns only) according to the size of Employment in Kerala (percentage) 1970, 1975, 1979 to 1981	37
3.3	Distribution of Registered working factories (submitted returns only) according to the number of days worked in Kerala (percentage) 1970, 1976, 1978 to 1981	37
3.4	District-wise distribution of Registered working factories 1960, 1970, 1979 to 1981	37
3.5	District-wise and Industry-wise distribution of Registered working factories in Kerala 1978 to 1981	38
3.6	Yearly value of productive capital, value of out-put and value added by manufacture in the different types of Industries 1976-77 to 1978-1979	39
3.7.1	Government of India Companies in Kerala installed capacity and production 1979-1980 to 1981-1982	40
3.7.2	Government of India Companies in Kerala—Main features 1979-1980 to 1981-1982	41
3.7.3	Government owned companies in Kerala—Main features	42
3.7.4	Government owned companies in Kerala—Production and capacity utilisation	43
3.7.5	Government majority companies—Main features	44
3.7.6	Government majority companies—Production and capacity utilisation	45
3.8	Khadi and Village Industries—Production, sale, employment and wages during 1977-1978 to 1981-1982	46
3.9.1	Distribution of Coir producing units by number of days worked during 1980-1981	49
3.9.2	Distribution of production units of coir by type of activity 1980-1981	49
3.10.1	Production of Handloom cloth in Co-operative sector and Private sector (estimated) from 1975-76 to 1979-80	49
3.10.2	District-wise production of Handloom cloth in Co-operative Sector 1979-80	49
3.11	District-wise details of loan sanctioned, disbursed and outstanding in respect of loans advanced by Kerala Financial Corporation	50
3.12	Corporations/Boards under the control of Government of Kerala	51
3.13	Public enterprises in Kerala 1981-82	51
3.14	Annual Index of Industrial Production in Kerala (1975-76 to 1980-81)	53
<b>IV. LABOUR AND WAGES</b>		
4.1	No. of working factories registered under the Factories Act and Average daily Employment therein under different sections (Employment in ' 000)	57
4.2.1	No. of Registered working factories and Employment therein classified into 2m (i) 2m (ii) 85 (P) and 85 (NP) district-wise 1979	57
4.2.2	No. of registered working factories and Employment therein classified into 2m (i) 2m (ii) 85 (P) and 85 (NP) district-wise 1980	57
4.2.3	No. of Registered working factories and Employment therein classified into 2m (i) 2m (ii) 85(P) and 85 (NP) district-wise 1981	58
4.3	Percentage distribution of Employed persons by hours at work in Kerala	58
4.4	Per capita average daily earnings of factory workers under the payment of Wages Act 1936—Kerala (in respect of persons earning Rs. 400/1000 per month) 1960, 1970, 1978 to 1981	58
4.5	Industrial disputes resulting in work stoppages by selected industries in Kerala	59
4.6.1	Industry-wise distribution of work stoppages in Kerala by causes 1979	59
4.6.2	Industry-wise distribution of work stoppages in Kerala by causes 1980	60
4.6.3	Industry-wise distribution of work stoppages in Kerala by causes 1981	60
4.6.4	Industry-wise distribution of work stoppages in Kerala by causes 1982	60
4.7	Statistics of maternity benefit in respect of Factories in Kerala covered by the Maternity Benefit Act, 1961	60
4.8	Statistics of Maternity Benefits in respect of Plantations in Kerala covered by the Maternity Benefit Act 1961	61

Table No.	Description	Page No.
4.9.1	Average daily wage rates of skilled labour in the construction sector (Urban)	61
4.9.2	Average daily wage rates of unskilled labour in the construction sector (Urban)	62
4.10.1	Average daily wage rates of skilled labour in the construction sector (Rural)	62
4.10.2	Average daily wage rates of unskilled labour in the construction sector (Rural)	63
4.11.1	Average monthly wage rates of shop Assistants in the trade and commerce sector (wholesale)—Urban	63
4.11.2	Average monthly wage rates of shop Attenders in the trade and commerce sector (wholesale)—Urban	64
4.12.1	Average daily wage rates of Carpenter (Agriculture sector)	64
4.12.2	Average daily wage rates of Mason (Agriculture sector)	64
4.12.3	Average daily wage rates of Paddy field labour (Male)	65
4.12.4	Average daily wage rates of paddy field labour (Female)	65

## V. HOUSING

5.1	Number of households and occupied residential houses—Rural—Urban break-up 1981	69
5.2	District-wise number of occupied residential houses and decadal increase 1971 and 1981	69
5.3	Particulars of housing 1981 (district-wise)	69
5.4	No. of plans sanctioned and area under different types of buildings (Private sector) Municipalities	70
5.4.1	No. of Plans sanctioned and area under different types of buildings—Private sector Neyyattinkara—Municipality	70
5.4.2	Do. Attingal	71
5.4.3	Do. Nedumangad	71
5.4.4	Do. Varkala	72
5.4.5	Do. Quilon	72
5.4.6	Do. Punalur	73
5.4.7	Do. Pathanamthitta	73
5.4.8	Do. Kayamkulam	74
5.4.9	Do. Alleppey	74
5.4.10	Do. Thiruvalla	75
5.4.11	Do. Chengannur	75
5.4.12	Do. Mavelikkara	76
5.4.13	Do. Sherthalai	76
5.4.14	Do. Kottayam	77
5.4.15	Do. Changanacherry	77
5.4.16	Do. Palai	78
5.4.17	Do. Vaikom	78
5.4.18	Do. Thodupuzha	79
5.4.19	Do. Muvattupuzha	79
5.4.20	Do. Kothamangalam	80
5.4.21	Do. Perumbavoor	80
5.4.22	Do. Parur	81
5.4.23	Do. Trippunithura	81
5.4.24	Do. Alwaye	82
5.4.25	Do. Trichur	82
5.4.26	Do. Kunnankulam	83
5.4.27	Do. Guruvayoor Township	83
5.4.28	Do. Chavakkad Municipality	84
5.4.29	Do. Angamali	84
5.4.30	Do. Kodungallur	85
5.4.31	Do. Chalakudy	85
5.4.32	Do. Irinjalakuda	86

5.4.33	No. of Plans sanctioned and area under different types of buildings—Private sector		
		Shoranur Municipality ..	86
5.4.34	Do.	Palghat ..	87
5.4.35	Do.	Chittur- Thathamangalam ..	87
5.4.36	Do.	Ponnani ..	88
5.4.37	Do.	Manjeri ..	88
5.4.38	Do.	Tirur ..	89
5.4.39	Do.	Malappuram ..	89
5.4.40	Do.	Badagara ..	90
5.4.41	Do.	Tellicherry ..	90
5.4.42	Do.	Cannanore ..	91
5.4.43	Do.	Kasargode ..	91
5.5.1	Do.	Trivandrum Corporation ..	92
5.5.2	Do.	Cochin ..	92
5.5.3	Do.	Calicut ..	93

## VI. INCOME

6.1.1	Net State domestic product at factor cost by Industry of origin (at current) prices ..	97
6.1.2	Net State domestic product at factor cost by Industry of origin (at 1970-71 prices) ..	97
6.2	Structure and change in composition of net domestic product in Kerala ..	93
6.3	Growth in net State domestic product and per capita income in Kerala ..	93
6.4	Net domestic product in different districts ..	93
6.5	Growth in Net Domestic Product in different districts ..	99
6.6	Per capita Income in different districts ..	99
6.7	Growth in per capita Income in different districts ..	99
6.8.1	District-wise distribution of the Net State Domestic Product at Factor Cost by Industry of origin (At current prices) ..	100
6.8.2	District-wise distribution of the Net State Domestic Product at Factor Cost by Industry of origin (At 1970-71 prices) ..	101
6.9	Statement showing Net Domestic Product of different States ..	103
6.10	Per capita Income in different States ..	103
6.11	Population below poverty line in the State 1977-78 ..	104

## VII. EXPENDITURE

7.1.1	Distribution of sample households percentage distribution of estimated number of households and estimated number of adult males, adult females and children per household by monthly per capita expenditure classes in Kerala during 1973-74 (Rural and Urban) ..	107
7.1.2	Distribution of sample households percentage distribution of estimated number of household and estimated number of adult males, adult females and children per household by monthly per capita expenditure classes in Kerala during 1973-74 (Rural) ..	107
7.1.3	Distribution of sample households percentage distribution of estimated number of households and estimated number of adult males, adult females and children per household by monthly per capita expenditure classes in Kerala 1973-74 (Urban) ..	108
7.2.1	Consumer expenditure (Rs. 0.00) per person for a period of 30 days by broad groups of items by monthly per capita expenditure classes in Kerala during 1973-74 (Rural-Urban combined) ..	108
7.2.2	Consumer expenditure (Rs. 0.00) per person for a period of 30 days by broad groups of items by monthly per capita expenditure classes in Kerala during 1973-74 (Rural) ..	109
7.2.3	Consumer expenditure (Rs. 0.00) per person for a period of 30 days by broad groups of items by monthly per capita expenditure classes (Urban) ..	110

<i>Table No.</i>	<i>Description</i>	<i>Page No.</i>
7.3.1	Quantity (Kg. 0.00) and value (Rs. 0.00) of consumption per person for a period of 30 days of items cereals, gram and cereal substitutes by monthly percapita expenditure classes in Kerala during 1973-74 (Rural-Urban combined) ..	111
7.3.2	Quantity (Kg. 0.00) and value (Rs. 0.00) of consumption per person for a period of 30 days of items cereals, gram and cereal substitutes by monthly percapita expenditure classes in Kerala during 1973-74 (Rural) ..	112
7.3.3	Quantity (Kg. 0.00) and value (Rs. 0.00) of consumption per person for a period of 30 days of items cereals, gram and cereal substitutes by monthly percapita expenditure classes in Kerala during 1973-74 (Urban) ..	113

#### VIII. CLIMATE AND RAINFALL

8.1	Temperature at selected centres in Kerala (Annual) in degree centigrade ..	117
8.2	Relative humidity at selected centres ..	117
8.3	Rainfall (in mm.) ..	118
8.4.1	District-wise average monthly distribution of rainfall in Kerala (in mm.) for the year 1979 ..	119
8.4.2	District-wise monthly distribution of rainfall in Kerala (in mm.) for the year 1980 ..	119
8.4.3	District-wise monthly distribution of rainfall in Kerala (in mm.) for the year 1981 ..	120
8.5	Rainfall at Rain Recording Stations—1979 ..	120
8.6	Rainfall at Rain Recording Stations—1980 ..	124
8.7	Rainfall at Rain Recording Stations—1981 ..	128

#### IX. AGRICULTURE, ANIMAL HUSBANDRY, FISHERIES ETC.

9.1	Land Utilisation—classification of Area ..	131
9.2.1	Total Area and Classification of Area in each District of Kerala 1978-79 ..	136
9.2.2	Total Area and Classification of Area in each District in Kerala 1979-80 ..	136
9.2.3	Total Area and Classification of Area in each District 1980-81 ..	137
9.2.4	Total Area and Classification of Area in each District 1981-82 ..	137
9.3.1	Area under Crops in each District 1978-79 ..	138
9.3.2	Area under Crops in each District 1979-80 ..	140
9.3.3	Area under Crops in each District 1980-81 ..	143
9.3.4	Area under Crops in each District 1981-82 ..	145
9.4.1	District-wise Production of Important Crops 1978-79 ..	148
9.4.2	District-wise Production of Important Crops 1979-80 ..	149
9.4.3	District-wise Production of Important Crops 1980-81 ..	150
9.4.4	District-wise Production of Important Crops 1981-82 ..	151
9.5	Production of Important Crops in Kerala (1978-79 to 1981-82) ..	153
9.6.1	Estimates of Area mean yield and Production of Rice for the year 1979-80—Taluk-wise ..	153
9.6.2	Estimates of Area mean yield and Production of Rice for the year 1980-81—Taluk-wise ..	155
9.6.3	Estimates of Area mean yield and Production of Rice for the year 1981-82—Taluk-wise ..	156
9.7.1	Season-wise Area mean yield and Production of High Yielding Varieties of Paddy 1979-80 ..	158
9.7.2	Season-wise Area and mean yield Production of High Yielding Varieties of paddy 1980-81 ..	158
9.7.3	Estimates of Area mean yield Production of High Yielding Varieties—Taluk-wise for the year 1981-82 ..	158
9.7.4	Irrigated and Unirrigated Season-wise area under Paddy 1979-80 ..	159
9.7.5	Irrigated and Unirrigated Season-wise area under Paddy 1980-81 ..	161
9.7.6	Irrigated and Unirrigated Season-wise area under Paddy 1981-82 ..	161
		162

<i>Table No.</i>	<i>Description</i>	<i>Page No.</i>
9.7.7	Index Numbers of net area sown in Kerala ..	163
9.7.8	Index Numbers of cropping intensity in Kerala ..	163
9.7.9	Index Numbers of cropping pattern in Kerala ..	163
9.7.10	Index Numbers of Agricultural productivity per hectare of net area sown in Kerala ..	163
9.8.1	Consumption of Fertilizers in Kerala ..	163
9.8.2	District-wise consumption of Fertilizers in Kerala 1979-80, 1980-81, 1981-82 and 1982-83 ..	164
9.8.3	Season-wise consumption of $NP_2 O_5 K_2O$ by districts 1980-81 ..	165
9.8.4	Season-wise consumption of $NP_2 O_5 K_2O$ by districts 1981-82 ..	165
9.8.5	Consumption of plant nutrients per unit of gross cropped area in Kerala and India ..	166
9.9	Distribution of operational holdings according to size of holding (District-wise) ..	166
9.10	Distribution of tea Estates in Kerala ..	166
9.11.1	District-wise area and production of Rubber 1977-78 ..	166
9.11.2	District-wise area and production of Rubber 1978-79 ..	167
9.11.3	District-wise area and production of Rubber 1979-80 ..	167
9.11.4	District-wise area and production of Rubber 1980-81 ..	167
9.12	Size, distribution of holdings and area under Coffee in Kerala State ..	168
9.13.1	Progress in the disposal of Ceiling returns and in ordering surrender of surplus land and distribution of surplus land taken over up to the end of March 1980 ..	168
9.13.2	Statement showing the receipt, disposal and balance number of applications under Section 31 of the K. L. R. Act as on 31-3-1980 ..	169
9.13.3	Statement showing the receipt, disposal and balance of applications under Section 72 of the K. L. R. Act as on 31-3-1980 ..	170
9.13.4	Statement showing the receipt, disposal and balance number of applications under Section 77 of the K. L. R. Act as on 31-3-1980 ..	170
9.13.5	Statement showing the receipt, disposal and balance number of applications under Section 80 (A)9 of the K. L. R. Act as on 31-3-1980 ..	170
9.13.6	Statement showing the receipt, disposal and balance of applications under Section 80 B of the K. L. R. Act as on 31-3-1980 ..	171
9.13.7	Statement showing the number of Certificates or purchase issued under Sections 72 and 80 B of the K. L. R. Act as on 31-3-1980 ..	171
9.13.8	Agricultural Implements and Machinery (district-wise) ..	172
9.13.9	Sowing, Harvesting and peak Marketing seasons of principal crops in Kerala ..	174
9.14.1	Public distribution system of essential commodities in Kerala ..	174
9.14.2	Distribution of rice and wheat through the public distribution system in Kerala ..	175
9.14.3	Import of foodgrains on State Account ..	175
9.14.4	Procurement of paddy in Kerala ..	175
9.15.1	Net area irrigated by sources ..	176
9.15.2	Area irrigated in Kerala (crop-wise) from 1976-77 to 1980-81 ..	176
9.15.3	Source-wise irrigated area 1977-78 ..	176
9.15.4	Area under irrigation (crop-wise) 1977-78 ..	177
9.15.5	Source-wise Irrigation (hectares) 1978-79 ..	177
9.15.6	Area under irrigation (crop-wise) 1978-79 ..	177
9.15.7	Area under irrigation—source-wise 1979-80 ..	178
9.15.8	Area under irrigation—crop-wise 1979-80 ..	178
9.15.9	Area under irrigation—source-wise 1980-81 ..	173
9.15.10	Area under irrigation—crop-wise 1980-81 ..	179
9.16	Category-wise Area under irrigation 1977-78 to 1980-81 ..	179
9.17.1	Area of Reserved Forests and Reserved lands in Kerala ..	179
9.17.2	Out-turn of major forest produce ..	180
9.17.3	Forest plantations of important species ..	182
9.17.4	Forest produces in Kerala ..	182
9.17.5	Wild life sanctuaries of Kerala ..	183
9.17.6	Sale proceeds of Timber and Forest produce ..	183
9.18.1	Growth of Livestock population in Kerala ..	183

<i>Table No.</i>	<i>Description</i>	<i>Page No.</i>
9.18.2	Livestock population district-wise 1977 Census	183
9.18.3	Veterinary hospitals and dispensaries in Kerala	184
9.18.4	Average prices of certain livestock products and cattle feed in Kerala	184
9.19	Inland Water Resources in Kerala	185
9.19.1	District-wise distribution of Coast line of Kerala	185
9.19.2	Continental shelf Area and Estimated potential demersal fishery resources of Kerala	185
9.19.3	Fish landings in Kerala	185
9.19.4	Inland fish landings species-wise	186
9.19.5	Species-wise landing of Marine fish in Kerala	186
9.19.6	District-wise and species-wise distribution of Marine Fish landings in Kerala 1980	187
9.19.7	District-wise and species-wise distribution of Marine Fish landings in Kerala in 1981	188
9.19.8	Ice production Fish storage and freezing facilities 1980	189
9.19.9	Disposal of marine fish landings in Kerala during 1978-79 to 1982-83 (estimated)	189
9.19.10	Trend of marine fish catch by mechanised and non-mechanised vessel along the Kerala Coast during 1971 to 1981	189
9.19.11	Composition of Marine catches by mechanised vessels in Kerala	190
9.19.12	Percentage composition of catches by machine boats at Neendakara in the total mechanised fishing of Kerala	190
9.19.13	Trend in prawn production by mechanised boats at Neendakara	191
9.20	Exports of fish products	191
9.20.1	Exports of Marine products 1975-76 to 1981-82	191
9.20.2	Exports of marine products by items through the port of Cochin 1978-79, 1979-80 and 1980-81	191
<b>X. BANKING</b>		
10.1	Distribution of offices of Commercial Banks (as on 31st December) in Kerala State 1971, 1977, 1979 to 1982	195
10.2	District-wise distribution of Commercial Bank offices in Kerala State at the end of December 1969, 1975, 1979 to 1982	195
10.3	District-wise distribution of Commercial Bank offices in Kerala State classified under Rural, Semi-urban and Metropolitan Port Town as on 31st December 1978 to 1982	195
10.4	District-wise deposits and advances of Scheduled Commercial Banks including regional rural banks in Kerala State at the end of March 1981	196
10.5	Population-wise distribution of the number of reporting offices 'Aggregate deposits' and 'Gross Bank Credit' in the banks of Kerala as on June 1982	197
10.6	District-wise distribution of the number of reporting offices deposits and bank credit of Scheduled Commercial Banks	197
10.7	District-wise and occupation-wise classification of outstanding credit of Scheduled Commercial Banks June 1981	198
10.8.1	Scheduled Commercial Bank advances to Agriculture in Kerala and India during 1979 and 1980	199
10.8.2	Scheduled Commercial Banks—Advances to Small Scale Industries etc. as on December 1979 and 1980	200
10.8.3	Statement of Scheduled Commercial Banks direct finance to farmers	200
10.9	Details of Scheduled Commercial Banks investment in State Government securities and shares/debentures/bonds of State Associated Bodies 1980 and 1981	201
<b>XI. CO-OPERATION</b>		
11.1	Number of Co-operative Societies by type 1970-71, 1977-78 to 1981-82	205
11.2	Membership of Co-operative Societies 1970-71, 1977-78 to 1981-82	205
11.3.1	Operational details of Co-operative Societies 1978-79	206
11.3.2	Operational details of Co-operative Societies 1979-80	207
11.3.3	Operational details of Co-operative Societies 1980-81	207
11.3.4	Operational details of Co-operative Societies 1981-82	208

<i>Table No.</i>	<i>Description</i>	<i>Page No.</i>
<b>XII TRANSPORT &amp; COMMUNICATIONS</b>		
12.1	Length of Roads in Kerala 1978-79 to 1981-82	211
12.2.1	District-wise length of public works department roads 1979-80 to 1981-82	211
12.2.2	Division-wise length of roads maintained by public works department as on 1-4-1982	212
12.2.3	Surface wise length of P. W. D. Roads	212
12.2.4	Details of roads maintained by Municipalities 1979-80	212
12.2.5	Roads maintained by Panchayats in Kerala	213
12.2.6	District-wise details of roads maintained by Panchayats 1978-79 to 1981-82	213
12.2.7	District-wise length of roads under Irrigation Department in the State of Kerala as on 31-3-1981	214
12.3	Length of Railways in Kerala	214
12.4.1	Number of Motor Vehicles on Road in Kerala (District-wise)	214
12.4.2	Number of different kinds of Motor Vehicles on Roads in Kerala—District-wise	215
12.5	Kerala State Road Transport Corporation Financial Results 1977-78 to 1981-82	216
12.6	Unit-wise details of gross kilometres, effective K. Ms. Dead K. Ms. operated for the years from 1977-78 to 1980-81	217
12.7	Unit-wise details of number of routes, route kms. 1977-78 to 1980-81	218
12.8	Number of post offices in Kerala	218
12.9.1	Number of Telephone Exchanges and Telephone connections in Kerala	219
12.9.2	Telegraphic Traffic	219
<b>XIII POWER</b>		
13.1	Installed Power capacity in Kerala, 1970-71, 1975-76, 1979-80 to 1982-83	223
13.2.1	Generation of Electricity in Kerala 1970-71, 1975-76, 1979-80 to 1982-83	223
13.2.2	Generation of Power at different stations 1980-81	223
13.3	Category-wise Sales of energy in Kerala 1970-71, 1975-76, 1978-79 to 1981-82	223
13.4	Number of consumers of Electricity in Kerala during the years 1979-80 to 1982-83	224
13.5	Number of villages Electrified in Kerala	224
13.6	Progress of Rural Electrification in Kerala—district-wise	224
13.7	Annual per capita consumption of electricity and average electricity consumption per consumer in the southern region and all-India for the year 1980-81	225
<b>XIV TRADE</b>		
14.1.1	Foreign Exports from the Ports of Kerala (Commodity-wise) 1978-79 to 1980-81	229
14.1.2	Foreign Imports into the Ports of Kerala (Commodity-wise) 1978-79 to 1980-81	229
14.2.1	Foreign Exports from the Ports of Cochin 1978-79 to 1980-81	230
14.2.2	Foreign Imports into the Ports of Cochin (Commodity-wise) 1978-79 to 1980-81	231
14.3.1	Foreign Exports from the intermediate and minor Ports of Kerala 1978-79 to 1980-81	231
14.3.2	Foreign Imports into the intermediate and minor Ports of Kerala 1978-79 and 1979-80	232
14.4.1	Foreign Exports from the Ports of Kerala—country-wise and commodity-wise—1978-79	233
14.4.2	Foreign Imports into the Ports of Kerala—country-wise and commodity-wise 1978-79	243
14.4.3	Foreign Exports from the Port of Cochin—country-wise and commodity-wise 1978-79	249
14.4.4	Foreign Imports into the Port of Cochin—country-wise and commodity-wise—1978-79	259
14.5.1	Foreign Imports into the Ports of Kerala—country-wise and commodity-wise 1979-80	265
14.5.2	Foreign Exports from the Port of Cochin—country-wise and commodity-wise 1979-80	271

<i>Table No.</i>	<i>Description</i>	<i>Page No</i>
14.5.3	Foreign Exports through the intermediate and minor Ports of Kerala—Country-wise and commodity-wise (1979-80)	280
14.6.1	Foreign Exports from the Ports of Kerala, 1980-81	282
14.6.2	Foreign Imports into the Ports of Kerala, (1980-81)—Country-wise and commodity-wise	290
14.6.3	Foreign Exports from the Port of Cochin—Country-wise and commodity-wise, 1980-81	296
14.6.4	Foreign Imports through the Port of Cochin—Country-wise and commodity-wise (1980-81)	304
14.7.1	Coast-wise Exports from Cochin Port, 1981-82	311
14.7.2	Coast-wise Imports into the Port of Cochin, 1981-82	311
14.8	Tonnage of Cargo handled at the Cochin Port	312

## XV PRICES

15.1	Monthly State average farm prices—Agricultural commodities in Kerala (Commodity-wise)	315
15.2	Average farm prices of some important commodities (weighted average) in Kerala	316
15.3	Wholesale price—Commodity-wises and district-wise 1979, 1980, 1981	316
15.4	Yearly average retail prices of necessary commodities—District-wise	319
15.4.1	Statement showing the State average of retail prices of essential commodities for the year 1980	326
15.4.2	Statement showing the State average of retail prices of essential commodities for the year 1981	327
15.5	Yearly average prices of different varieties of Coir 1980 and 1981	328
15.6.1	Monthly average Export prices at Mattancherry, 1980	328
15.6.2	Monthly average Export prices at Mattancherry, 1981	329
15.7	Index number of parity between prices received and paid by farmers in Kerala 1970 to 1982	331
15.7.1	Index number of parity between prices received and paid by farmers, 1979-80 (monthly)	331
15.7.2	Index number of parity between prices received and paid by farmers, 1980-81 (monthly)	331
15.8	Wholesale price index numbers—group-wise	331
15.8.1	Index number of wholesale prices—group-wise, 1980	332
15.8.2	Index numbers wholesale prices—group-wise, 1981	332
15.8.3	Index numbers of whole sale prices—group-wise 1982	333
15.9	Wholesale price Index numbers—commodity-wise (yearly Average)	333
15.9.1	Wholesale price Index numbers—Commodity-wise in Kerala, 1980	334
15.9.2	Do. 1981	334
15.9.3	Do. 1982	335
15.10	Consumer price Index numbers for selected centres in the State	336
15.10.1	Consumer price Index numbers for selected centres in the State, 1980	336
15.10.2	Do. 1981	336
15.10.3	Do. 1982	337
15.10.4	Statement showing linking factors and estimated indices on the basis of old series, 1980..	337
15.10.5	Do. do. 1981..	338
15.10.6	Do. do. 1982..	338
15.11.1	Index number of agricultural wages, 1980	339
15.11.2	Do. 1981	339
15.11.3	Do. 1982	339
15.12.1	Average annual market prices of building materials—Bricks 1st class	340
15.12.2	Average annual market prices of building materials—River sand—Medium variety	340
15.12.3	Average annual market prices of building materials—stone ballast	340
15.12.4	Average annual market prices of building materials—Lime unslaked	341
15.12.5	Average annual market prices of building materials—Jack	341



<i>Table No.</i>	<i>Description</i>	<i>Page No.</i>
15.12.6	Average annual market prices of building materials—Cement	.. 341
15.12.7	Average annual market prices of building materials—M. S. round bars	.. 342
15.12.8	Average annual market prices of building materials—Roofing tiles	.. 342
15.12.9	Average annual market prices of building materials—Special paint for steel and wood works	.. 342
15.12.10	Average annual market prices of building materials—S. W. pipe	.. 343
15.12.11	Average annual market prices of building materials—A. C. pipe	.. 343
15.13.1	Prices of fluid milk	.. 343
15.13.2	Average price of eggs on Rs. per 100 Nos.	.. 344
15.13.3	Price of meat	.. 344
15.13.4	Prices of cattle feed	.. 344
<b>XVI EDUCATION</b>		
16.1	Literacy in Kerala (district-wise), 1981	.. 347
16.2	No. of Schools for general education in Kerala (Year-wise)	.. 347
16.2.1	No. of Schools for general education, (district-wise), 1980-81	.. 347
16.2.2	No. of Schools for general education (district-wise), 1981-82	.. 348
16.3	No. of Scholars in Schools in Kerala (Section-wise)	.. 348
16.3.1	No. of Scholars in Schools for general education, 1980-81 (district-wise and section-wise)	.. 348
16.3.2	No. of Scholars in Schools for general education, 1981-82 (district-wise and section-wise)	.. 349
16.3.3	No. of scholars in Schools for general education, 1982-83 (district-wise and section-wise)	.. 349
16.4	Standard-wise strength of scholars in Kerala (school education)	.. 349
16.4.1	Standard-wise strength of scholars in school education—District-wise, 1980-81	.. 350
16.4.2	Standard-wise strength of scholars—School education district-wise, 1981-82	.. 350
16.4.3	Standard-wise strength of scholars—School education district-wise, 1982-83	.. 350
16.5	No. of Teachers in school—section-wise in Kerala	.. 351
16.5.1	No. of Teachers in Schools for general education—District-wise, 1979-80	.. 351
16.5.2	No. of Teachers in schools for general education—District-wise and section-wise, 1980-81	.. 352
16.5.3	No. of Teachers in schools for general education—District-wise and section-wise, 1981-82	.. 352
16.6	No. Enrolment and out-turn of teachers training schools in Kerala	.. 352
16.7	Schools for handicapped in Kerala	.. 353
16.8	No. of colleges in Kerala by type of management	.. 353
16.8.1	Faculty-wise and management-wise distribution of Colleges in Kerala	.. 353
16.8.2	District-wise distribution of Colleges in Kerala for the year 1978-79	.. 354
16.8.3	Do. 1979-80	.. 355
16.8.4	Do. 1980-81	.. 356
16.9	No. of Arts and Science Colleges in Kerala by type of management	.. 357
16.9.1	District-wise numbers of arts and science colleges in Kerala	.. 357
16.10	Strength of students in Arts and Science Colleges in Kerala for the years 1970-71 1975-76, 1978-79 to 1981-82	.. 358
16.10.1	District-wise strength of students in Arts and Science Colleges for 1978-79 (management-wise)	.. 358
16.10.2	District-wise strength of students in Arts and Science Colleges for the year 1979-80 (management-wise)	.. 359
16.10.3	District-wise strength of students in Arts and Science Colleges for the year 1980-81 (management-wise)	.. 359
16.10.4	District-wise strength of students in Arts and Science Colleges for 1981-82 (management-wise)	.. 360
16.10.5	Students in Music Colleges in Kerala	.. 360
16.11	No. of teachers in Arts and Science Colleges in Kerala	.. 361

<i>Table No.</i>	<i>Description</i>	<i>Page No.</i>
16.11.1	No. of teachers in Arts and Science Colleges 1979-80, 1981-82 (district-wise)	.. 361
16.12	No. of colleges for professional education in Kerala	.. 361
16.13	No. of scholars in colleges for professional education in Kerala	.. 362
16.13.1	No. of Scholars in colleges for professional education (district-wise)	.. 363
16.14	No. of teachers in colleges for professional education in Kerala	.. 364
16.14.1	No. of teachers in colleges for professional education (District-wise)	.. 365
16.15	Junior Technical Schools in Kerala	.. 365
16.16	Polytechnics, I. T. Is. in Kerala—Number, enrolment and out turn	.. 365
16.16.1	District-wise strength of students in Polytechnics in Kerala	.. 366
16.17	Total number of staff in technical institutions	.. 366
16.18.1	No. of colleges affiliated to the Universities of Kerala (1981-82)	.. 366
16.18.2	Do. do. (1982-83)	.. 366
<b>XVII MEDICAL</b>		
17.1	No. of medical institutions in Kerala (Allopathic) 1960-61, 1970-71, 1980-81, 1981-82	.. 369
17.1.1	No. of Medical Institutions—District-wise (Allopathic), 1979-80	.. 369
17.1.2	No. of Medical Institutions—District-wise, 1980-81	.. 370
17.1.3	Do. 1981-82	.. 370
17.2	No. of beds in Medical Institutions (Allopathic)	.. 370
17.2.1	No. of beds in Medical Institutions (Allopathic)—District-wise, 1979-80	.. 370
17.2.2	No. of beds in Medical Institutions—District-wise 1980-81, (Allopathic)	.. 370
17.2.3	Do. 1981-82	.. 371
17.3.1	Statements of in-patients and outpatients treated 1978-79	.. 371
17.3.2	Do. do. 1979-80	.. 371
17.3.3	Do. do. 1980-81	.. 372
17.4	No. of doctors in medical institutions (Allopathic)—Government	.. 372
17.5	No. of medical institutions (Ayurveda)	.. 372
17.5.1	No. of medical institutions (Ayurveda)—District-wise, 1979-80 to 1981-82	.. 372
17.6	No. of beds in medical institutions (Ayurveda) in Kerala, 1970-71 to 1981-82	.. 373
17.6.1	No. of beds in medical institutions (Ayurveda) District-wise, 1979-80 to 1981-82	.. 373
17.7	No. of patients treated in medical institutions in Kerala (Ayurveda)	.. 373
17.7.1	No. of patients treated in medical institutions (Ayurveda)—District-wise, 1979-80 to 1981-82	.. 373
17.8	No. of doctors in medical institutions (Ayurveda), Government	.. 374
17.9	No. of medical institutions, Homoeopathic	.. 374
17.9.1	No. of medical institutions, Homoeopathic—District-wise	.. 374
17.10	No. of beds in medical institutions, Homoeopathic	.. 374
17.10.1	No. of beds in medical institutions, Homoeopathic—District-wise	.. 374
17.11	No. of patients treated in medical institutions, Homoeopathic	.. 375
17.11.1	No. of patients treated in Homoeopathic hospitals—District-wise	.. 375
17.12	No. of Family Planning Centres in Kerala	.. 375
17.13	Progress of family planning programme	.. 375
17.13.1	Progress of family planning programme—District-wise, 1980-81	.. 376
17.13.2	Do. do. 1981-82	.. 376
<b>XVIII PLAN EXPENDITURE</b>		
18.1	Plan-Expenditure in Kerala during the Five Year and Annual Plans	.. 379
18.2	Annual Plan 1979-80 and 6 Six Five Year Plan	.. 380
18.3	State-wise composition of outstanding Debt.	.. 380

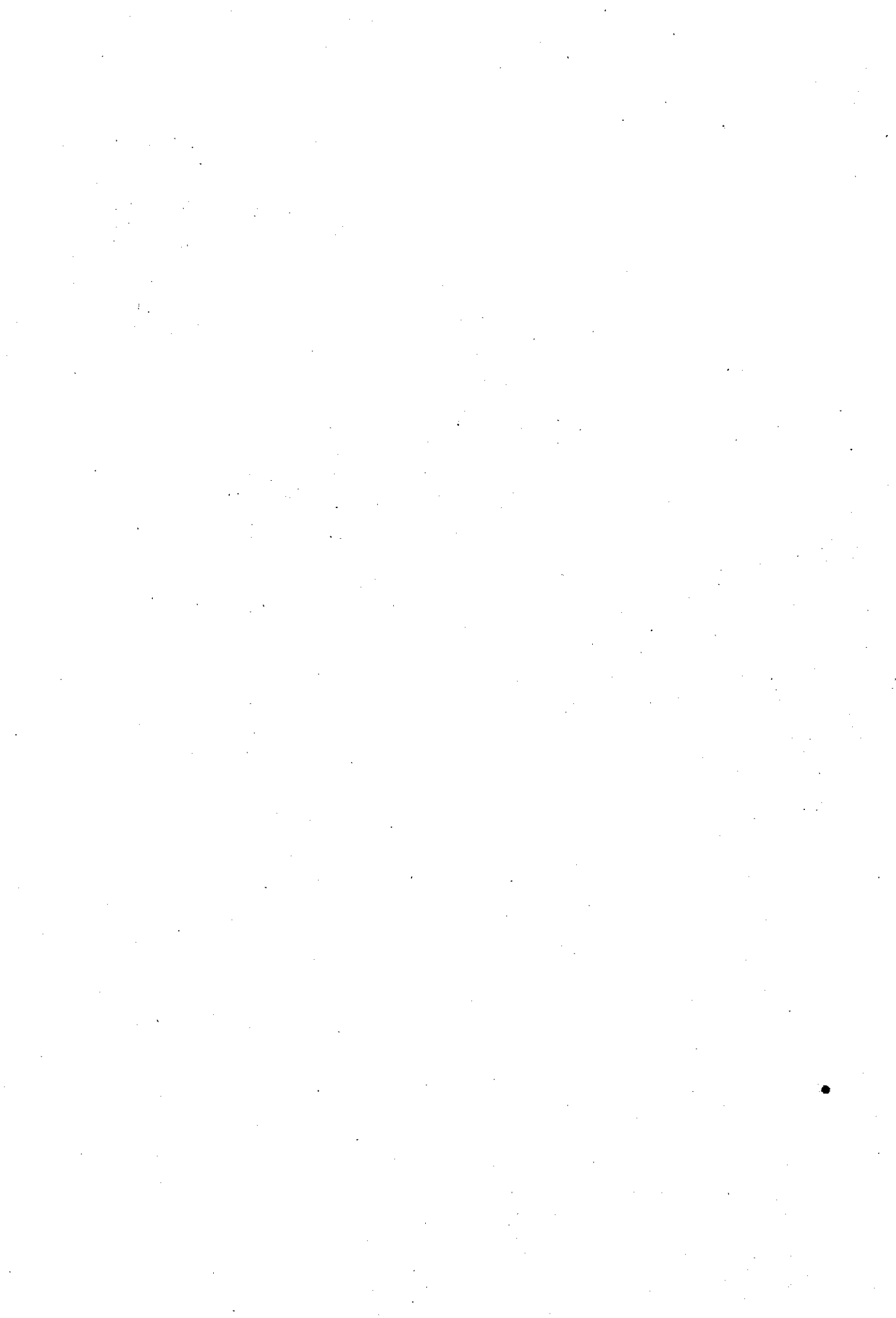
## SELECTED INDICATORS OF PROGRESS—KERALA

Item	Unit	1960-61	1965-66	1970-71	1975-76	1980-81	1981-82	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>I. Area and population</i>								
1. (a) Population	lakhs	169.04	191.37* (66)	213.47	237.37* (76)	254.54	256.86*	*Projected
(b) Percentage of urban to total population	..	15.11 (61)	..	16.24 (71)	..	..	..	..
2. Density								
(a) Rural	persons per sq. km.	380	..	477	..	556	..	..
(b) Urban	..	2285	..	2585	..	2755	..	..
Total	..	435	493 (66)	549	..	655	..	..
3. Sex ratio (Females per 1000 Males)								
(a) Rural	..	1027	..	1020	..	1037	..	..
(b) Urban	..	991	..	997	..	1022	..	..
4. Crude birth rate per 1000 Population (Census)	..	38.9 (51-60)	..	37.5 (61-70)	..	..	..	..
Do. (S.R.S.)	..	..	..	31.6 (70)	28.6 (75)	26.8 (80)	..	..
5. Death rate (Census)	..	16.1 (51-60)	..	13.7 (61-70)	..	..	..	..
Do. (S.R.S.)	..	..	..	9.2	8.4	7.0	..	..
6. Infant mortality rate	..	N.A.	74.0	54	54	39.1 (81)	..	..
<i>II. State Income</i>								
(a) Net domestic product at factor cost								
1. at current Prices	Rs. in lakhs	43222	71069	125843	215502	349065	372053	..
2. at 70-71 prices	..	N.A.	N.A.	125843	135630	156327	163340	..
(b) Per capita income								
1. at current prices	..	254	380	596	923	1382	1448	..
2. at 70-71 prices	..	N.A.	N.A.	596	581	619	636	..
<i>III. Agriculture and allied sector</i>								
A. 1. Net area sown	'000 hect.	1924	2064	2172	2189	2180	2190	..
2. Total cropped area	..	2349	2551	2933	2981	2885	2905	..
3. Percentage of cropped area to geographical area	..	60.46	65.66	75.50	76.73	74.26	74.77	..
4. Percentage of cropped area to net area sown	..	122.09	123.59	135.04	136.18	132.34	132.65	..
5. Area under food crops	..	1565	1635	1844	1909	1778	1782	..
6. Percentage of area under food crops to total crop area	..	66.62	35.91	37.09	35.96	38.37	38.66	..
7. Percapita land under cultivation	..	.11	..	0.10	0.092	0.09	0.85	..

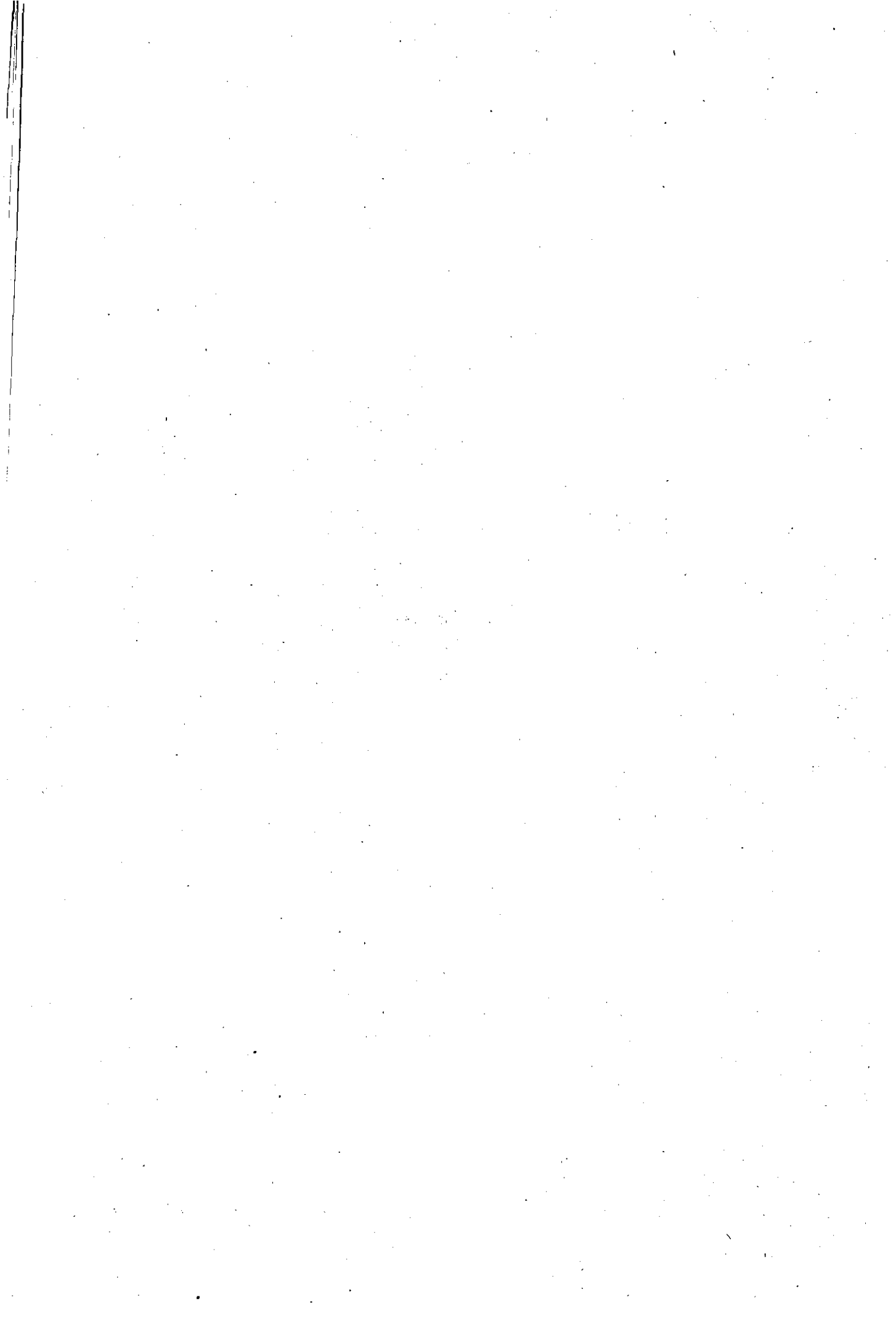
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>B. 1. Production of food crops</b>									
Rice	'000 tonnes	1067.5	997.49	1298.01	1331.19	1272	1339	..	
Pulses	"	17.55	16.90	13.05	14.17	22.5	22.3	..	
Sugarcane (gur)	"	38.09	40.95	37.63	41.83	48.2	49.7	..	
Pepper (black)	"	27.03	21.69	25.03	24.58	28.5	27.5	..	
Ginger (dry)	"	11.27	11.19	19.68	23.84	32.0	34.4	..	
Cardamom (processed)	"	1.28	1.61	1.25	2.05	3.2	2.8	..	
Betel nut	('000 million nut)	7.737	9.681	12.738	11.39	10.81	10.78	..	
Banana and other plantain	'000 tonnes	327.85	361.12	368.98	395.04	317.4	327.5	..	
Cashew (raw)	"	84.63	98.03	115.2	119.9	81.9	78.9	..	
Tapioca	"	1683	3096	4617	5390	4061	3745	..	
<b>2. Non-food crops</b>									
Ground nut	'000 tonnes	13.8	25.22	16.1	35.63	8.2	8.6	..	
Coconut	Million nuts	3220	3293	3981	3439	3008	3006	..	
Tea	'000 tonnes	40.4	39.15	41.1	45.8	50.7	45.5	..	
Coffee	"	7.4	9.9	14.0	17.5	23.5	33.7	..	
Rubber	"	23.0	46.95	78.7	126.3	140.3	139.5	..	
Index of yield	Base Trinium ending 67-70=100								
Food grains		97.44	88.48	105.10	107.74	..	..	..	
All crops		98.94	95.59	102.96	105.28	..	..	..	
<b>Area irrigated</b>									
Net	'000 hect.	318.7	361.84	431	221.1* (76-77)	237.97*	239.6*	* TRS estimates	
Gross	"	456.3	508.96	601	372.8*	381.0*	383.4*	..	
Percentage of net area irrigated to net area sown	"	16.57	17.53	19.84	10.10	10.92	10.94	..	
Percentage of gross area irrigated to gross area cultivated	"	19.42	19.95	20.49	12.68	13.95	13.20	..	
<b>Fish catching</b>	Value								
Marine	Rs. in lakhs	497.65	549.02	2835.68	8369.99	8221.68	6234.99	..	
Inland	"	2.35	36.64	117.86	536.11	1092.91	1301.60	..	
Export of fish products	Rs. in crores	..	6.01	27.57	67.61	95.34P	125.12P	P. provisional	
<b>Livestock population</b>	lakhs	46.98 (61)	46.41 (66)	49.36 (72)	53.19 (77)	..	56.45 (82)	..	
<b>Poultry</b>	"	91.06 (61)	99.60 (66)	122.07 (72)	134.89 (77)	..	150.83 (82)	..	
<b>Veterinary hospital and dispensaries</b>	No.	206	245	331	407	534	541	..	
<b>Production of milk</b>	lakhs tonnes	..	2.2 (64-65)	..	7.78 (77-78)	9.08	10	..	
"    egg	million	..	282 (64-65)	..	943 (77-78)	962	1018(P)	..	
<b>Revenue from forest products</b>	Rs. lakhs	100.7 (61-62)	570.4	915.1	2044.26	4572.9	..	..	
<b>IV. Industry</b>									
No. of registered working Factories	Nos.	2400 (60)	2820 (65)	3040 (70)	6317 (75)	9106 (80)	9099 (81)	..	
<b>Index of Industrial Production</b>				Base 1970=100	121.07	187.10	..	..	
<b>Industrial production-value added by manufacture</b>	Rs. in lakhs	..	3474.64 (65)	6065.37 (70)	12442.89	26410.43 (78-79)	..	..	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>V. Employment</i>								
Employment in public and private sector	lakhs	5.33 (61)	6.94 (65)	7.02 (71)	7.81 (75)	9.94 (80)	10.17 (81)	..
Average daily employment in registered factories	"	1.67 (60)	1.95 (63)	2.05 (70)	2.64 (75)	3.00 (80)	3.03 (81)	..
<i>VI. Power</i>								
Electricity—installed capacity	M.W.	132.5	195.81	546.50	754.60	1011.5	1011.5	..
Generation	M.K.W.H.	581.82	841.94	2125.99	2783.28	5241.62	5539.3	..
Consumption	"	505.61	749.73	1519.61	2015.26	2767.33	2911.45	..
<i>VII. Transport and communication</i>								
Motor vehicles on road	'000 Nos.	24.5	44.4	86.2	118.1	194.60	..	..
Motor vehicles per lakh of population	Nos.	145	232	404	498	765	..	..
Post Offices	No.	..	3491	3859	4044	4581	..	..
Post Offices per lakh of population	"	..	18.24	18.08	17.04	18.00	..	..
Telephone connection per lakh of population	"	132	178	274	367	..	..	..
<i>VIII. Education</i>								
Literacy rate	Per cent	47 (61)	..	60 (71)	..	70 (81)	..	..
L.P. Schools per 100 sq. k.m.	No.	17.26	17.89	17.74	17.95	17.65	..	..
Total No. of Schools per 100 sq. k.m.	"	24.53	27.15	27.84	28.57	29.82	..	..
Index of growth of enrolment in Schools		100	128	147	162	171	..	..
Students passed in S.S.L.C.	'000 Nos.	58.58 (61-62)	88.49	89.01	114.32	138.03(P)	..	P. provisional
Arts and Science Colleges	No.	46	100	117	128	134	..	..
Scholars in Arts and Science Colleges	'000 Nos.	37.56	38.65	113.86	164.99	240.06	..	..
<i>IX. Health</i>								
No. of beds per lakh of population (Allopathy) (Government)	No.	82.69	96.81	102.01	116.30	122.60	..	..
<i>Banking</i>								
Commercial Bank Offices	No.	..	..	779 (70)	1435 (75)	2306 (80)	2399 (81)	..
Deposit	Rs. lakhs	..	..	16981 (70)	47263 (75)	15673 (81 June)	*181565 (82 June)	*only reporting offices
<i>XI. Foreign trade</i>								
Exports—value	Rs in lakhs	6971.91	9090.52	16101.16	33497.55	52297.07	..	..
Imports—value	"	4413.86	7323.37	10649.30	33437.33	26707.32	..	..
<i>XII. Prices</i>								
Index number of wholesale prices (group-wise) All crops	Base 1952-53 =100	124 (60)	163 (65)	245 (70)	350.4 (75)	494.8 (80)	513.1 (81)	..
<i>Consumer price index numbers</i>								
Industrial workers—Alleppey	Base 60=100	..	147 (66)	203 (71)	342 (76)	388 (80)	..	..
<i>Consumer price index number</i>								
Agricultural labourers—Kerala	Base 60-61 =100	..	155 (66)	213 (71)	338 (76)	359 (80)	..	..
Urban—non-manual employers Trivandrum	Base 60=100 weight 1.69	..	143 (66)	181 (71)	299 (76)	389 (80)	..	..

Source:  
Statistical  
pocket book  
of C. S. O.  
1980



## I. POPULATION





## I. POPULATION

## 1. 1. Growth of population including information on decennial and geometric growth rates—1881 to 1991

Year	Population	Decennial growth rate	Geometric growth rate (%)
1881	5219141	Base year	
1891	5823181	+11.57	
1901	6396262	+ 9.84	Base year
1911	7147673	+11.75	1.90
1921	7802127	+ 9.16	0.90
1931	9507050	+21.85	1.98
1941	11031541	+16.04	1.50
1951	13549118	+22.82	2.08
1961	16903715	+24.76	2.24
1971	21347375	+26.29	2.23
1981	25453680	+19.24	
1982	26550000*		
1983	26980000*		
1984	27420000*		
1985	27870000*		
1986	28320000*		
1987	28760000*		
1988	29200000*		
1989	29640000*		
1990	30080000*		
1991	30520000*		

Source: Census of India, 1981 and 1971  
Report on Currency and Finance-Vol. II 1979-80  
\*Mid year projected population.

## 1. 2. Age distribution of population—1971

Age group	Population 1971					
	Persons	Percentage	Males	Percentage	Females	Percentage
0—14	8595262	40.27	4345415	41.04	4249847	39.50
15—19	2337305	10.95	1127098	10.65	1210207	11.25
20—24	1989901	9.32	977869	9.24	1012032	9.40
25—29	1387506	6.50	664365	6.27	723141	6.72
30—39	2487858	11.65	1205088	11.38	1282770	11.92
40—49	1956373	9.17	995745	9.40	960628	8.93
50—59	1264572	5.92	639945	6.05	624627	5.81
60+	1327695	6.22	631802	5.97	695893	6.47
ANS	903	0.00	524	0.00	379	0.00
Total	21347375	100.00	10587851	100.00	10759524	100.00

ANS—Age not specified

Source: Census of India 1971.

## 1. 3. Percentage distribution of population according to marital status in Kerala 1961 and 1971

Marital status	1961			1971		
	Persons	Males	Females	Persons	Males	Females
Never married	56.7	62.4	51.1	58.3	63.4	53.3
Married	35.9	35.2	36.5	35.6	35.1	36.0
Widowed	5.9	1.7	10.0	5.1	1.2	9.0
Divorced or separated	1.5	0.7	2.4	1.0	0.3	1.7
Unspecified	0.0	0.0	0.0	0.0	..	..
Total	100.00	100.0	100.0	100.0	100.0	100.0

Source: Census of India, 1961 and 1971.

**1.4. Percentage distribution of population and growth rate according to religion in Kerala 1901-1971**

Year	Christians	Percentage growth rate	Hindus	Percentage growth rate	Muslims	Percentage growth rate	Others	Total	Percentage growth rate
1901	13.82	..	68.36	..	17.28	..	0.54	100.00	..
1911	15.41	..	66.63	..	17.68	..	0.28	100.00	..
1921	17.64	+24.98	64.75	+6.08	17.43	+7.64	0.18	100.00	+9.16
1931	19.52	+34.85	63.34	+19.20	17.08	+19.40	0.06	100.00	+21.85
1941	20.52	+21.98	60.73	+11.25	17.08	+15.99	1.67	100.00	+16.04
1951	20.85	+24.82	61.59	+24.25	17.53	+26.05	0.03	100.00	+22.82
1961	21.22	+26.95	60.83	+23.23	17.91	+25.00	0.04	100.00	+24.76
1971	21.05	+25.28	59.41	+23.35	19.50	+37.49	0.04	100.00	+26.29

Source:—Census of India, 1971

**1.5. Population of scheduled castes and scheduled tribes in Kerala 1961, 1971 and 1981**

Scheduled castes/ Scheduled tribes		1961	% to total	1971	% to total	1981	% to total
Scheduled castes	Persons	1434817	8.49	1772168	8.30	2549382	10.02
	Males	712475	8.52	880926	8.32	1260874	10.06
	Females	722342	8.45	891242	8.28	1288508	9.97
Scheduled tribes	Persons	212762	1.26	269356	1.26	261475	1.03
	Males	106076	1.27	134996	1.27	131243	1.05
	Females	106686	1.24	134360	1.24	130232	1.01

Source: Census reports.

**1.6. Scheduled caste population—1981 census (District-wise)**

District/ State	Persons			Males			Females		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
Trivandrum	284279	225214	59065	139040	109881	29159	145239	115333	29906
Quilon	347567	316868	30699	172342	157187	15155	175225	159681	15544
Alleppey	235423	217328	18095	116725	107767	8958	118698	109561	9137
Kottayam	119377	109601	9776	59926	55007	4919	59451	54594	4857
Idukki	133177	130690	2487	66897	65654	1243	66280	65036	1244
Ernakulam	216443	157602	58841	108012	78423	29589	108431	79179	29252
Trichur	302085	259520	42565	147787	126864	20923	154298	132656	21642
Palghat	376424	351169	25255	184536	172068	12468	191888	179101	12787
Malappuram	208018	197280	10738	102457	97172	5285	105561	100108	5453
Kozhikode	161715	134989	26726	80254	67034	13220	81461	67955	13506
Wynad	21130	21130	..	10935	10935	..	10195	10195	..
Cannanore	143744	118620	25124	71963	59520	12443	71781	59100	12681
State	2549382	2240011	309371	1260874	1107512	153362	1288508	1132499	156009

Source: Census Report 1981—Paper 4.

## 1.7. Scheduled tribe population 1981 (District-wise)

District/State	Persons			Males			Females		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
Trivandrum	14145	13388	757	6984	6599	385	7161	6789	372
Quilon	7442	6812	630	3758	3426	332	3684	3386	298
Alleppey	3273	2536	737	1638	1251	387	1635	1285	350
Kottayam	15227	15054	173	7567	7479	88	7660	7575	85
Idukki	38712	38263	449	19733	19520	213	18979	18743	236
Ernakulam	3551	1855	1696	1828	976	852	1723	879	844
Trichur	3227	3195	32	1666	1648	18	1561	1547	14
Palghat	28794	28720	74	14553	14513	40	14241	14207	34
Malappuram	7955	7937	18	3871	3860	11	4084	4077	7
Kozhikode	3888	3768	120	1954	1878	76	1934	1890	44
Wynad	95557	95557	..	47547	47547	..	48010	48010	..
Cannanore	39704	39400	304	20144	19978	166	19560	19422	138
State	261475	256485	4990	131243	128675	2568	130232	127810	2422

Source: 1981 Census Report—Paper 4.

## 1.8. District-wise distribution of main workers in Kerala 1981

State/District	Main workers 1981*			Percentage of main workers to total population 1981			Percentage of workers to total population 1971		
	Person	Male	Female	Person	Male	Female	Person	Male	Female
Kerala	6742967	5091428	1651539	26.54	40.77	12.79	29.12	45.00	13.49
Cannanore	743545	554685	188860	26.55	40.34	13.25	29.88	45.57	14.54
Wynad	185894	133878	52016	33.59	47.21	19.28	36.84	52.74	19.60
Kozhikode	491966	408245	83721	21.93	36.80	7.39	25.30	42.79	7.88
Malappuram	521493	423950	97543	21.72	36.25	7.92	27.08	44.68	10.16
Palghat	664318	439687	224631	32.53	44.33	21.39	35.89	49.06	23.42
Trichur	645334	447139	198195	26.48	38.56	15.52	28.35	41.81	15.91
Ernakulam	707189	543640	163549	27.92	42.93	12.91	28.71	44.67	12.55
Idukki	335550	239738	95812	34.55	48.47	20.10	34.62	50.28	17.92
Kottayam	459524	373817	85707	27.33	44.46	10.20	27.33	45.50	8.99
Alleppey	607383	437839	169544	25.92	38.43	14.09	28.15	43.13	13.59
Quilon	684859	547219	137640	24.90	39.58	9.66	28.61	44.37	12.87
Trivandrum	695912	541591	154321	26.86	42.48	11.73	28.58	45.51	11.77

\*Provisional

Source: Census of India 1981—Paper 2 of 1981 (supplement to Paper I of 1981)

1.9. District-wise distribution of area, population, growth rate and density of population 1971 and 1981

District/State	Area sq. km.	1971 Population			Density of population per sq. km.	Area sq. km.	1981 Population			Density of population per sq. km.	Decadal growth rate
		Persons	Males	Females			Persons	Males	Females		
Tuvandrum	2192.0	2198606	1095176	1103430	1003	2192.0	1279150	1316962	1184	18.08	
Quilon	4623.0	2412821	1205720	1207101	522	4620.0	1388573	1424972	609	16.61	
Alleppey	1884.0	2125722	1048082	1077640	1128	1883.0	1146407	1203738	1248	10.56	
Kottayam	2195.5	1539030	773182	765848	701	2204.0	848462	848980	770	10.29	
Idukki	5087.1	765608	395297	370311	150	5061.0	494999	476637	192	26.91	
Ernakulam	2377.4	2163674	1088432	1075242	910	2408.0	1269174	1266120	1053	17.18	
Trichur	3032.0	2128797	1022774	1106023	702	3032.0	1161675	1277868	805	14.60	
Palghat	4400.0	1685342	819571	865771	383	4480.0	994196	1050203	456	21.30	
Malappuram	3638.0	1856362	909515	946847	510	3548.0	1170778	1231923	677	29.43	
Kozhikode	3729.0	2106249	1057764	1048485	569	2345.0	1111409	1133856	957	23.25	
Wynad						2132.0	284261	269765	260	33.87	
Cannanore	5706.0	2365164	1172338	1192826	415	4958.0	1378578	1424889	565	25.39	
State	38864.0	21347375	1058785	10759524	549	38863.0	12527767	12925913	655	19.24	

Source: Census of India 1971  
Census of India 1981-Paper 3. Series-10

1.10. Number of Villages, Towns and Rural Urban distribution of population 1961, 1971 and 1981

	1961		1971		1981
	Persons	Density per sq. km.	Persons	Density per sq. km.	
1. Total number of towns	92		88		106
1. Statutory	30		32		48
2. Census towns	62		56		58
2. Total number of urban agglomeration	..		..		9
3. Total number of urban out-growths	..		..		5
4. Total number of revenue villages	1636		1326		1331
(a) Number of revenue villages wholly under urban	61		58		112
(b) Number of revenue villages under rural (whole or part)	1575		1268		1219
5. Urban population Total	2554141		3466449		4771275
Males	1282759		1735501		2360350
Females	1271382		1730948		2410925
Percentage of urban population	15.10		16.24		18.78
Rural population Total	14349574		17880926		20682405
Males	7079168		8852350		10167417
Females	7270406		9028576		10514988

Source: Paper 2 and Paper 3 of 1981 Census.

## 1.11. Population of Corporations and Municipalities 1971 and 1981

Corporations/ Municipalities	1971 census			1981 census		
	Persons	Males	Females	Persons	Males	Females
<b>A. Corporations</b>						
1. Cochin	439066	224992	214074	513249	258323	254926
2. Trivandrum	409627	206096	203531	483036	240928	242153
3. Calicut	333979	163009	165970	394447	196628	197819
<b>B. Municipalities</b>						
1. Kasargod	34984	17595	17389	43137	21448	21689
2. Cannanore	55162	27907	27255	60904	29937	30967
3. Tellicherry	68759	33738	35021	75561	36886	38675
4. Badagara	53933	26902	27036	64174	31810	32364
5. Manjeri		Town NM		53959	26924	27035
6. Malappuram	32002	15889	16113	39786	19854	19932
7. Tirur	32272	16009	16263	40803	19997	20806
8. Ponnani		Town NM		43226	20973	22253
9. Shoranur		Town NM		35120	17102	18018
10. Palghat	95788	47776	48012	111245	55222	56023
11. Chittur-Thathamangalam	28510	14027	14483	30407	14893	15514
12. Chavakkad		Town NM		34344	15846	18498
13. Kunnankulam	18367	8623	9744	19440	9237	10203
14. Trichur	76241	37345	38896	77923	37540	40383
15. Kodungallur		Declassified in 1961 census		28334	13531	14803
16. Irinjalakuda	25405	12315	13090	26096	12498	13598
17. Chalakudy	37562	18722	18840	41894	20682	21212
18. Parur	24393	11958	12435	26288	12932	13356
19. Angamaly		Town NM		28307	14012	14295
20. Alwaye	24067	12463	11604	25278	12499	12779
21. Perumbavoor	20888	10755	10133	23064	11748	11316
22. Kothamangalam		Statutory Town		33122	16625	16497
23. Muvattupuzha	22137	11396	10741	25313	12784	12529
24. Trippunithura		Town NM		43646	21652	21994
25. Thodupuzha		Town NM		35743	17946	17797
26. Vaikom	20014	9855	10158	21097	10381	10716
27. Palai	20273	10292	9981	21624	10728	10896
28. Kottayam	59714	30075	29639	64431	32281	32150
29. Changanacherry	48545	24195	24350	51955	25616	26339
30. Sherthalai	36752	18164	18588	40492	20132	20360
31. Alleppey	160166	80307	79859	169940	84012	85928
32. Thiruvalla	26683	12912	13771	2-225	13956	15269
33. Chengannur		NM town		24862	11922	12940
34. Kayamkulam	54102	26690	27412	61327	30118	31209
35. Mavelikkara	25648	12416	13232	26598	12765	13833
36. Pathanamthitta		Declassified in 1961 census		32967	16329	16638
37. Punalur	38188	NA	NA	43029	21401	21638
38. Quilon	124208	62545	61663	137943	68577	69366
39. Varkala		NM Town		34009	16041	17968
40. Nedumangad		NM Town		43989	21557	22432
41. Attingal	27052	13274	13778	29645	14164	15481
42. Neyyattinkara	23983	11963	12020	27993	13984	14009
43. Guruvayoor Township	15863	7451	8412	17858	8045	9813

Source : Census Reports

## 1.11. (a) Birth rate—Kerala State (census estimates)

Year	Birth rate
1941-51	39.8
1951-61	38.9
1961-70	37.5 (Crude)

Source : For 1961-70 Statistical profile.

## 1.11. (b) Birth rate—Kerala State Sample Registration (Rural) estimates

Year	Birth rate
1968	34.33
1970	32.26
1975	28.17
1976	28.45
1977	26.17
1978	25.78
1979	26.84
1980	26.85
1981*	26.40

\* Provisional

Source: Directorate of Economics and Statistics

## 1.12. (a) General Fertility rate—Kerala

Year	General fertility rate
1961	182.1
1971	126.7
1975	108.0
1976	109.0
1977	99.4
1978	97.7
1979	101.3
1980	101.1

Source: Directorate of Economics and Statistics.

## 1.12. (b) Gross Reproduction rate—Kerala

Year	Gross reproduction rate
1971	2.0
1975	1.7
1976	1.7
1977	1.5
1978	1.5
1979	1.5
1980	1.5

Source: Directorate of Economics and Statistics

## 1.13. (a) Age specific fertility rates in Kerala (Rural)

Age group	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	43.5	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	171.0	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

Ref: Sample Registration—Kerala—Rural  
Annual Report 1979 (No. 18)

**1.13. (b) Death rate—Kerala (Census Estimates)**

Year	Death rate
1951-60	16.1
1961-70	13.7

Source: For 1961-70 Statistical profile of States.

**1.13. (c) Death rate—Kerala (Rural) Sample Registration**

Year	Death rate
1971	9.23
1972	9.39
1973	8.67
1974	8.00
1975	8.48
1976	8.29
1977	7.48
1978	7.23
1979	7.19
1980	7.11
1981*	6.40

Source: Directorate of Economics and Statistics.

\*Provisional.

**1.14. Infant Mortality—Kerala**

Year	Infant mortality rates
1965-67	74.0
1971	60.9
1975	57.3
1976	56.3
1977	50.7
1978	44.8
1979	48.5
1980	42.5
1981	39.1

Source: Directorate of Economics and Statistics.

**1.15. Age specific death rates in Kerala**

Age	Age specific death rate				
	1971	1977	1978	1979	1980
Below 1	70.4	51.47	48.02	50.33	42.44
1-4	13.1	7.35	6.68	6.20	4.66
5-9	2.4	2.16	1.54	1.68	1.52
10-14	1.1	0.92	0.81	1.06	0.78
15-19	1.6	0.97	0.85	0.83	1.00
20-24	2.1	1.92	1.61	1.46	1.39
25-29	1.8	1.59	1.86	1.38	1.54
30-34	3.8	1.68	2.17	2.30	2.85
35-39	4.0	2.38	2.85	2.77	3.16
40-44	5.1	3.96	4.48	3.62	4.02
45-49	7.2	5.30	6.64	5.00	5.07
50-54	8.5	7.32	6.80	9.79	8.66
55-59	15.5	15.22	14.87	14.07	12.62
60-64	23.1	28.02	25.35	19.64	20.86
65-69	43.6	34.44	38.23	37.10	43.84
70+	102.1	91.31	90.78	91.64	93.13

Source: Sample Registration Reports.

## i. 16. Expectation of life at birth

Year	Expectation of life at birth		
	Males	Females	All
1951-60	46.17	50.00	..
1966-70	56.70	60.00	..
1971-73	60.62	62.08	..
1975-77	62.53	65.17	63.78
1976-78	63.63	66.19	64.89
1977-79	63.82	66.91	65.35
1978-80	64.23	67.88	65.94

Source: Directorate of Economics and Statistics.

## 1. 17. All India—Final population totals—States and Union Territories ranked by population—1981

Sl. No.	India/State/Union Territory	Population as on 1-3-1981
	India*	685184692
	<i>States</i>	
1.	Uttar Pradesh	110862013
2.	Bihar	60914734
3.	Maharashtra	62784171
4.	West Bengal	54580647
5.	Andhra Pradesh	53549673
6.	Madhya Pradesh	52178844
7.	Tamil Nadu	48408077
8.	Karnataka	37135714
9.	Rajasthan	34261862
10.	Gujarat	34085799
11.	Orissa	26370271
12.	Kerala	25453680
13.	Assam**	19896843
14.	Punjab	16788915
15.	Haryana	12922618
16.	Jammu and Kashmir	5987389
17.	Himachal Pradesh	4280818
18.	Tripura	2053058
19.	Manipur	1420953
20.	Meghalaya	1335819
21.	Nagaland	774930
22.	Sikkim	316385
	<i>Union Territories</i>	
1.	Delhi	6220406
2.	Goa, Daman, Diu	1086730
3.	Arunachal Pradesh	631839
4.	Pondicherry	604471
5.	Mizoram	493757
6.	Chandigarh	451610
7.	Andaman & Nicobar Islands	188741
8.	Dadra & Nagar Haveli	103676
9.	Lakshadweep	40249

Source: Census Report 1981.

\* Includes projected figures of Assam. Population figures exclude population of area under unlawful occupation of Pakistan and China, where census could not be taken.

\*\* Projected population for 1981.



## 1. 18. (a) Classification of Districts according to population size—1981-census

Size of population	Number of districts
Less than 10,00,000	2
1000000 — 1499999	..
1500000 — 1999999	1
2000000 — 2999999	9
3000000 and above	..
Total	12

## 1. 18. (b) Classification of C. D. Blocks according to population size—1981

State/District	Total No. of C. D. Blocks	Development Blocks by population size (in lakhs)		
		Less than 1.00	1.00-1.99	2.00 and above
Kerala	151	14	120	17
Cannanore	13	..	7	6
Wynad	3	..	2	1
Kozhikode	12	2	7	3
Malappuram	14	..	13	1
Palghat	12	2	7	3
Trichur	17	3	14	..
Ernakulam	15	2	13	..
Idukki	8	1	7	..
Kottayam	11	1	9	1
Alleppey	17	3	14	..
Quilon	17	..	16	1
Trivandrum	12	..	11	1

Source: Census report 1981.

## 1.18. (c) Classification of Towns according to population—1981 census

Class of towns	Number of towns
Class I (100000 and above)	6
Class II (50000—99999)	8
Class III (200000—499999)	64
Class IV (10000—19999)	21
Class V (5000—9999)	6
Class VI (less than 5000)	1
	106

## 1.18. (d) Classification of villages—Rural (wholly or partly) according to size of population—1981

District	No. of villages according to population size										Total
	Less 200	200-499	500-999	1000-1999	2000-4999	5000-9999	10000-19999	20000-49999	50000-99999	1 lakhs & above	
Trivandrum	..	..	2	2	1	6	31	40	4	..	86
Quilon	1	..	..	..	..	2	28	64	2	..	97
Alleppey	..	1	..	1	..	3	46	46	..	..	97
Kottayam	..	..	..	1	1	3	39	29	1	..	74
Idukki	..	1	..	1	4	5	15	13	3	..	42
Ernakulam	..	..	..	1	3	8	36	30	1	..	79
Trichur	2	..	..	6	49	93	47	16	..	..	213
Palghat	..	..	..	2	9	37	86	12	..	..	146
Malappuram	..	..	..	..	1	9	57	47	1	..	115
Kozhikode	..	..	..	..	..	8	45	36	..	..	89
Wynad	..	..	..	..	..	6	15	10	..	..	31
Cannanore	..	..	..	..	5	43	72	30	..	..	150
State	3	2	2	14	73	223	517	373	12	..	1219



#### 41. MANPOWER



## H. MANPOWER

## 2.1.1. Working Population of Kerala by Industrial Category, 1981\*

Industrial Category	Total			Rural			Urban		
	Person	Male	Female	Person	Male	Female	Person	Male	Female
Total main workers	6742967 (100.00)	5091428 (100.00)	1651539 (100.00)	5559872 (100.00)	4142574 (100.00)	1417298 (100.00)	1183095 (100.00)	948854 (100.00)	234241 (100.00)
Cultivators	888955 (13.18)	805207 (15.81)	83748 (5.07)	859064 (15.45)	778831 (18.80)	80233 (5.66)	29891 (2.53)	26376 (2.78)	3515 (1.50)
Agricultural labourers	1900904 (28.19)	1190318 (23.38)	710586 (43.02)	1802560 (32.42)	1125299 (27.16)	677261 (47.79)	98344 (8.31)	65019 (6.85)	33325 (14.23)
Household industry	275211 (4.09)	141340 (2.78)	134571 (8.15)	236621 (4.26)	115554 (2.79)	121067 (8.54)	39290 (3.32)	25786 (2.72)	13504 (5.76)
Other workers	3677197 (54.54)	2954563 (58.03)	722634 (43.76)	2661627 (47.87)	2122890 (51.25)	538737 (38.01)	1015570 (85.84)	831673 (87.65)	183897 (78.51)
Marginal workers	1106084	559228	546856	978784	483984	494800	127300	75244	52056

\* Provisional.

Figures in brackets are percentages.

Source: Paper 2 of 1981 Census Report.

## 2.1.2. District-wise Percentage of main workers in Agriculture, Household industry and Other workers to total workers during 1971 and 1981

District/State	Cultivators		Agricultural labourers		Household industry		Other workers	
	1971	1981*	1971	1981*	1971	1981*	1971	1981*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Kerala	17.80	13.18	30.69	28.19	4.28	4.09	47.23	54.54
Cannanore	17.65	13.10	33.71	27.38	4.09	2.76	44.55	56.76
Wynad	25.24	21.25	37.06	39.41	1.15	1.06	36.55	38.28
Kozhikode	12.39	5.58	23.86	14.33	3.80	2.89	59.95	77.20
Malappuram	18.84	13.19	39.13	37.15	3.08	3.06	38.95	46.60
Palghat	15.74	14.53	48.42	44.94	4.27	3.86	31.57	36.67
Trichur	13.64	9.43	32.84	25.55	5.87	5.73	47.65	59.29
Ernakulam	12.84	10.48	21.93	18.22	4.16	3.85	61.07	67.45
Idukki	25.56	22.59	22.46	25.62	0.92	0.96	51.06	50.83
Kottayam	24.65	17.87	28.09	25.05	3.16	4.00	44.10	53.08
Alleppey	16.01	11.00	30.66	26.46	6.96	8.80	46.37	53.74
Quilon	26.89	20.16	20.81	25.41	3.78	3.80	48.52	50.63
Trivandrum	14.05	8.85	29.85	33.30	5.30	4.64	50.80	53.21

\* Provisional.

Source: Census Report 1981, Paper 2 of 1981 (Supplement to Paper 1 of 1981).

## 2.1.2.(1). Distribution of workers in Kerala - Rural Urban break up 1981 - District-wise

District	Total Rural Urban	Total Main workers	Culti-vators	Agricul-tural labourers	House-hold industry	Other workers	Marginal workers	Non-workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	T	695912	61594	231743	32297	370278	87128	1809017
	R	524681	58264	212538	26685	227191	75296	1335694
	U	171231	3330	19205	5612	143084	11832	472323
Quilon	T	684859	138092	174000	26022	346745	157473	1964886
	R	600203	134439	164933	22808	278023	140824	1696090
	U	84656	3653	9067	3214	68722	16654	268796

## 2.1.2. (1) (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Alleppey	T	607383	66797	160745	53436	326405	134261	1601208
	R	520510	64926	151845	48450	255289	117678	1331159
	U	86873	1871	8900	4986	71116	16583	270049
Kottayam	T	459324	82101	115089	18395	243939	45751	1175799
	R	417454	80962	111145	16929	208418	41731	1062845
	U	42070	1139	3944	1466	35521	4050	112984
Idukki	T	335550	75805	85971	3216	170558	33276	602367
	R	322644	74104	83597	3022	161921	32721	571194
	U	12906	1701	2374	194	8637	555	31173
Ernakulam	T	707189	74087	128846	27217	477039	90676	1735400
	R	446370	68961	119095	20421	237893	62602	1021511
	U	260819	5126	9751	6796	239146	28074	713889
Trichur	T	645334	60878	164845	36991	382620	82147	1709494
	R	509612	56492	153288	30148	269684	71885	1340685
	U	135722	4386	11557	6843	112936	10262	368809
Palghat	T	661318	96517	298548	25639	243614	54312	1323282
	R	605504	94063	290014	23276	198151	50942	1178817
	U	58814	2454	8534	2363	45163	3370	144465
Malappuram	T	521493	68783	193739	15957	243014	87469	1792267
	R	484879	66971	188775	15110	214023	82281	1656305
	U	36614	1812	4964	847	28991	5188	135962
Kozhikode	T	491966	27437	70516	14233	379780	71848	1679190
	R	354552	26448	64189	11450	252465	57098	1221121
	U	137414	989	6327	2783	127318	14750	458069
Wynad	T	185894	39502	73262	1963	71167	26292	341162
	R	185894	39502	73262	1963	71167	26292	341162
Cannanore	T	743545	97362	203600	20545	422038	235416	1821094
	R	587569	93932	189879	16359	287399	219434	1337049
	U	155976	3430	13721	4186	134639	15982	484045
State	T	6742967	888955	1900904	275911	3677197	1106084	17554166
	R	5559872	859064	1802560	236621	2661627	978784	14093632
	U	1183095	29891	98344	39290	1015570	127300	3460534

Source: Paper 2 of 1981 Census Report.

## 2.1.3. Work participation rate in each District—1971 and 1981

District	Participation rates (Percentage)				
	1961	1971	1981 (Main workers)		
			Persons	Male	Female
Trivandrum	31.0	28.6	26.86	42.48	11.73
Quilon	32.4	28.6	24.40	39.58	9.66
Alleppey	33.8	28.2	25.92	38.43	14.09
Kottayam	29.1	27.3	27.33	44.46	10.20
Idukki	39.1	34.6	34.55	48.47	20.10
Ernakulam	33.6	28.7	27.92	42.93	12.91
Trichur	33.1	28.4	26.48	38.56	15.52
Palghat	40.2	35.9	32.53	44.33	21.39
Malappuram	32.2	27.1	21.72	36.25	7.92
Kozhikode	30.1	26.9	21.93	36.80	7.39
Wynad	..	..	33.59	47.21	19.28
Cannanore	35.4	30.2	26.55	40.34	13.25
State	33.3	29.1	26.54	40.77	12.79

Source: Census Reports.

## 2.1.4. District-wise distribution of Labour force and Employment Seekers

District	Urban			Rural			Total		
	Labour force	Employment seekers	%	Labour	Employment seekers	%	Labour	Employment seekers	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	227445	57634	25.34	631100	147343	23.35	858545	204977	23.9
Quilon	47390	14383	30.35	86743	225746	25.72	915033	240129	26.2
Alleppey	107928	32424	30.04	679616	116818	17.19	787544	149242	18.9
Kottayam	40222	8585	20.60	433687	93057	21.46	473909	101642	21.5
Idukki	10917	1082	9.91	353503	34833	9.85	364420	35915	9.9
Ernakulam	184399	39902	21.64	587593	125481	21.36	771992	165383	21.4
Trichur	59189	10073	17.02	651177	103613	15.91	710306	113686	16.1
Palghat	50353	8773	17.63	705750	89764	12.72	756003	93540	13.1
Malappuram	37718	5778	15.32	533558	56802	10.65	571276	62580	11.0
Kozhikode	183460	30517	16.63	529088	93258	18.57	712548	128775	18.0
Cannanore	42325	4917	11.62	827833	95691	11.56	870158	100608	11.5
State	991346	214071	21.59	6800388	1187406	17.46	7791734	1401477	18.00

Source: Directorate of Economics & Statistics Housing & Employment Survey 1980.

## 2.1.4(1) Distribution of Coir Workers by category of work in Kerala

District	No. of workers by category of work						Total
	No. of coir households	Ratting	Beating	Spinning	Weaving	Other type of work	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Trivandrum	12429	667	8866	16358	67	2343	28301
Quilon	21134	1266	11498	22563	72	1149	36548
Alleppey	72290	557	11269	101063	10826	9370	133085
Kottayam	6149	64	404	14024	65	181	14738
Ernakulam	9862	367	3315	12398	68	2115	18263
Trichur	6176	579	3896	4910	4	733	10122
Malappuram	4917	186	2269	6559	11	94	9119
Kozhikode	17680	1002	3132	23868	115	381	28493
Cannanore	2506	183	1183	3345	11	82	4804
Kerala	153143	4871	45832	205088	11239	16448	283178

Source: Directorate of Economics & Statistics Survey of Coir workers 1981.

## 2.1.4(2) Workers in Handloom Industry—Category-wise

District	No. of workers under each category				Total
	Winders	Warpers	Weavers	Others	
(1)	(2)	(3)	(4)	(5)	(6)
Trivandrum	7278	606	15943	258	24085
Quilon	2704	136	3397	99	6336
Alleppey	410	16	478	13	622
Kottayam	275	86	696	26	1083
Idukki	11	14	28	49	102
Ernakulam	1572	113	2464	18	4167
Trichur	1006	15	1819	24	2864
Palghat	3410	574	4563	407	3954
Malappuram	1011	33	1329	56	2429
Kozhikode	7065	614	12344	609	21132
Cannanore	11853	1423	32577	1225	47078
Total	36595	3830	76138	2789	119152

**2.1.5. Employment in establishments both public and private sectors in Kerala (covered under E. M. I.) by Industry Division as on 31st March**

Industry Division	1971		1975		1978		1979		1980		1981		1982	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1. Agriculture, Livestock, Forestry, etc.	92055	13.1	86657	11.2	98631	10.3	104621	10.6	105183	10.6	103145	10.2	103217	9.9
2. Mining and Quarrying	610	0.1	766	0.1	1248	0.1	1312	0.1	1302	0.1	1340	0.1	1917	0.2
3. Manufacturing	188924	26.9	225015	28.8	307946	32.2	315619	32.0	314418	31.6	323359	31.7	324838	31.2
4. Construction	23562	3.4	23678	3.0	24431	2.6	25057	2.5	24736	2.6	25170	2.5	24711	2.4
5. Electricity, Gas, Water- ing & Sanitary Services	11850	1.7	13021	1.7	17168	1.8	17785	1.8	16806	1.7	16349	1.7	16308	1.6
6. Trade and Restaurants and Hotels	23083*	3.3	13659	1.7	15281	1.6	15662	1.6	16233	1.6	1376	1.6	16934	1.6
7. Transports, Stores & Communication	54212	7.7	57478	7.4	68300	7.2	69491	7.1	71951	7.2	74452	7.4	81771	7.8
8. Financing Insurance Real Estates and Business Services	..	..	22209	2.8	36717	3.8	43136	4.4	44067	4.4	47779	4.6	53871	5.2
9. Services	307470	43.8	538447	43.3	85317	40.4	392846	39.9	399166	40.2	409358	40.2	416917	40.1
Total	701766	100.0	781130	100.0	955039	100.0	981929	100.0	993862	100.0	1017328	100.0	1040484	100.0

Source :—Directorate of Employment.

\* Inclusive of Financing, Insurance, etc.

**2.1.6. Employment in establishments in public sector in Kerala by Industry Division as on 31st March**

Industry Division	1971		1975		1978		1979		1980		1981		1982	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1. Agriculture, Livestock, Forestry, fishing etc.	11304	3.6	12509	3.4	15511	3.4	16869	3.5	17157	3.5	17915	3.6	18693	3.6
2. Mining and Quarrying	..	..	..	..	955	0.2	1034	0.2	1057	0.3	1047	0.2	1503	0.3
3. Manufacturing	20868	6.6	45300	11.9	66805	14.5	70087	14.7	72066	14.9	73255	14.7	76417	14.7
4. Construction	19428	6.2	20661	5.5	21927	4.8	22206	4.7	22751	4.6	22604	4.5	22861	4.4
5. Electricity, Gas, Water & Sanitary Services	11633	3.7	12780	3.5	16873	3.7	17502	3.7	16666	3.4	16318	3.3	16267	3.1
6. Trade, Restaurants & Hotels	14087**	4.4	2041	0.5	2642	0.6	2952	0.6	3161	0.7	3610	0.7	3770	0.7
7. Transports, Stores & Communication	48260	15.3	52454	13.8	64351	13.9	65600	13.9	68098	14.0	69911	14.0	77933	15.0
8. Financing, Insurance, Real Estates & Business Services	..	..	15047	4.7	24696	5.4	29404	6.2	29523	6.2	32637	6.5	35826	6.9
9. Services	189752	60.2	214898	56.7	246018	53.5	250312	52.6	254247	52.4	262000	52.5	267396	51.3
Total	315332	100.0	375690	100.0	459778	100.0	475966	100.0	484939	100.0	499297	100.0	520666	100.0

Source : Directorate of Employment and Training.

\*\* Inclusive of Financing, Insurance, etc.



**2.1.7. Employment in both Public and Private sectors in Kerala by District  
(as on 31st March)**

District	Employment in both Public and Private sectors during								
	1961	1965	1971	1975	1978	1979	1980	1981	1982
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	67754	80878	87590	98922	116133	119478	121781	126635	136937
Quilon	115303	141832	98357	121746	169647	171808	167325	171617	171581
Alleppey	38465	48130	46847	53382	60568	63342	64043	64516	65173
Kottayam	55434	91347	92382	42119	46838	47791	48734	49629	51166
Idukki	..	..	..	60651	66047	70424	70424	69103	70642
Ernakulam	63960	78162	104728	98187	119795	123620	127903	130845	131782
Trichur	53435	63509	65302	68838	82198	83387	83744	87210	91367
Palghat	43428	55229	54811	56789	64950	65285	65656	67173	70052
Malappuram	..	..	15962	30592	37857	39164	39828	43225	45385
Kozhikode	67629	90821	78175	80037	94648	105288	108216	109632	86686
Wynad	..	..	..	..	..	..	..	..	22806
Cannanore	32397	44201	57612	69867	96358	95342	95708	97743	96907
State	537814	694139	701766	781130	955039	984929	993862	1017328	1040484

Source: Directorate of Employment and Training.

**2.1.8. Employment in Public sector/Total by Districts (as on 31st March)**

District	1961	1965	1971	1975	1978	1979	1980	1981	1982
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	38209	48613	63284	75222	86768	89747	91559	95982	103079
Quilon	22109	23637	32140	46819	64752	66107	66420	67214	68874
Alleppey	17115	18463	23867	30145	36747	37318	37658	37807	38441
Kottayam	15911	18576	21409	18671	21629	22748	23448	23834	25502
Idukki	..	..	..	9419	10454	10721	11213	11993	12344
Ernakulam	25081	41051	55672	57290	71054	74134	76471	78877	79575
Trichur	17435	19337	23925	26961	33864	35885	36528	37644	40584
Palghat	32086	35814	34564	37720	41624	41394	40676	41741	43321
Malappuram	..	..	12589	17552	21438	22233	22742	24207	25978
Kozhikode	20556	29941	28071	31151	36370	39909	40935	42497	39321
Wynad	..	..	..	..	..	..	..	..	4975
Cannanore	10539	14897	19811	24740	35078	35770	37289	37501	38672
State	199041	250329	315332	375690	459778	475966	484939	499297	520666

Source: Directorate of Employment and Training.

**2.1.9. Employment in Private sector by Districts (as on 31st March)**

District	1961	1965	1971	1975	1978	1979	1980	1981	1982
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	29545	32265	24306	23700	29365	29373	30222	30653	33858
Quilon	93194	118195	66217	74927	104895	105731	100905	104403	102707
Alleppey	21350	29697	22980	23237	23821	26024	26385	26709	26732
Kottayam	39523	72771	70973	23448	25209	25043	25786	25795	25664
Idukki	..	..	..	51232	55593	59703	59211	57110	58298
Ernakulam	38888	37111	49056	40897	48741	49486	51432	51968	52207
Trichur	36000	44172	41377	41877	48334	47502	47216	49566	50783
Palghat	11342	19415	20247	19069	23326	23891	24980	25432	26731
Malappuram	..	..	3373	13040	16419	16931	17086	19018	19407
Kozhikode	47073	60380	50104	48886	58278	65379	67281	67135	47365
Wynad	..	..	..	..	..	..	..	..	17831
Cannanore	21858	29304	37801	45127	61280	59572	58419	60242	58235
State	338773	443810	386434	405440	495261	508963	508923	518031	519818

Source: Directorate of Employment and Training.

**2. 1. 10. Employment in the Public Sector in Kerala by different branches—  
District-wise (as on 31st March) (Central Government)**

District	1961	1965	1971	1975	1978	1979	1980	1981
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	2712	3707	6025	7847	12887	13269	13834	13651
Quilon	1032	1100	720	981	1091	1100	1118	1197
Alleppey	161	188	1672	1699	1798	1860	1916	1771
Kottayam	756	763	1994	1684	1911	2017	2391	2133
Idukki	..	..	..	764	838	873	929	991
Ernakulam	6442	6909	9784	10679	11965	12134	12668	13549
Trichur	2461	3065	3312	2861	3661	3781	3920	4040
Palghat	16084	18292	18753	18966	19117	19174	18318	18647
Malappuram	..	..	..	1239	1383	1392	1502	1604
Kozhikode	1979	4260	4485	4171	4744	4386	4623	5063
Wynad	..	..	..	..	..	..	..	..
Cannanore	218	1868	2140	2108	3303	3299	3543	3840
State	31845	40764	48886	52989	62698	63285	64792	66486

Source: Directorate of Employment and Training.

**2. 1. 11. Employment in the Public Sector in Kerala by different branches  
(State Government) District-wise (as on 31st March)**

District	1961	1965	1971	1975	1978	1979	1980	1981
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	30092	37606	38442	41396	45693	46100	45855	48817
Quilon	15233	16648	18761	20324	21699	22078	22357	22938
Alleppey	13635	14885	17191	18312	20020	20078	20030	20103
Kottayam	11879	14319	13695	11938	12624	13017	13124	13165
Idukki	..	..	..	4950	6323	6582	6806	7413
Ernakulam	13142	18261	20714	20493	21688	21887	22577	22698
Trichur	12365	13332	15254	15985	18756	19361	19910	20462
Palghat	14977	15893	13248	15302	17954	17380	17318	17775
Malappuram	..	..	1185	14334	16960	1687	17213	18014
Kozhikode	16391	22185	18138	19997	22564	24197	24781	25184
Wynad	..	..	..	..	..	..	..	..
Cannanore	9006	11222	14865	17034	21642	20864	21657	21701
State	136720	164351	181693	200065	225923	228411	231628	238270

Source: Employment and Training Directorate.

**2. 1. 12. Employment in Public Sector in Kerala by different branches (local bodies)  
District-wise (as on 31st March)**

District	1961	1965	1971	1975	1978	1979	1980	1981
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	1732	2101	6163	8344	4635	4912	4784	5380
Quilon	1708	865	1450	1689	2248	2345	2406	2498
Alleppey	919	925	1190	1331	1548	1573	1575	1503
Kottayam	709	855	1219	997	1132	1120	1159	1248
Idukki	..	..	..	536	613	647	635	720
Ernakulam	732	1744	2158	2147	2527	2622	2671	2766
Trichur	1145	1033	1248	1401	1591	1645	1615	1710
Palghat	398	1108	1010	1431	1199	1228	1217	1285
Malappuram	..	..	432	600	686	748	761	798
Kozhikode	1212	1743	1765	2388	2438	2679	2741	2868
Wynad	..	..	..	..	..	..	..	..
Cannanore	516	1114	1232	1355	1405	1405	1480	1449
State	9071	11488	17867	22219	20922	20924	21104	22195

Source: Directorate of Employment and Training.

**2.1.13. Employment in the Public Sector in Kerala by different branches (Quasi-Government)  
District-wise (as on 31st March)**

District	1961	1965	1971	1975	1978	1979	1980	1981
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	3678	5199	12654	17724	23553	25460	27006	28134
Quilon	4136	5024	11318	23825	39714	40584	40509	40581
Alleppey	2400	2465	3813	8803	13381	13807	14137	14430
Kottayam	2567	2639	4293	4052	5962	6594	6774	7288
Idukki				3169	2680	2625	2783	2869
Ernakulam	4765	14725	23016	23971	34874	37491	38555	39864
Trichur	1464	2264	4111	6724	9856	11098	11088	11432
Palghat	627	637	1553	1913	3354	3612	3823	4064
Malappuram	..	..	872	1379	2409	3226	3266	3791
Kozhikode	947	1930	3683	4595	6624	8647	8790	9382
Wynad	..	..	..	..	..	..	..	..
Cannanore	779	717	1474	4262	8728	10202	10604	10511
State	21405	35600	66887	100417	151135	163346	167415	172343

Source: Directorate of Employment and Training.

**2.1.14. District-wise Statistics of Women employees in the different branches  
in Kerala (as on 31-3-1982)**

District	Number of women employees					Private sector	Total (Public and Private)
	Public sector						
	Central Government	State Government	Quasi Government	Local Body	Total Public sector		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Trivandrum	2320	13767	4913	1565	22565	19874	42439
Quilon	249	7684	25913	771	34617	76546	111163
Alleppey	295	6458	5629	512	12894	10805	23619
Kottayam	328	4436	1256	341	6361	8327	14688
Idukki	286	2196	313	211	3006	30096	33102
Ernakulam	2245	7851	4740	904	15740	13638	29378
Trichur	1034	8167	3378	443	13022	21126	34148
Palghat	715	4978	404	236	6333	7704	14037
Malappuram	136	5313	703	129	6281	6221	12502
Kozhikode	608	6271	847	530	8256	11976	20232
Cannanore	412	5640	2454	252	8758	13872	22630
Wynad	..	746	43	27	816	9616	10432
State	8628	73507	50593	5921	138649	229801	368450

Source: Kerala Annual Employment Review 1982.

**EDUCATED MANPOWER**

**2.2.1. Literacy in Kerala District-wise 1971 and 1981**

State/District	Literates as percentage of population	
	1971	1981
	(2)	(3)
1. Trivandrum	62.54	70.50
2. Quilon	64.97	74.11
3. Alleppey	70.44	78.52
4. Kottayam	72.88	81.66
5. Idukki	56.42	67.44
6. Ernakulam	65.37	76.82
7. Trichur	61.61	73.59
8. Palghat	46.69	58.00
9. Malappuram	47.90	60.50
10. Kozhikode	57.23	70.12
11. Wynad	..	58.33
12. Cannanore	54.84	65.74
Kerala	60.42	70.42

Source: Census Report 1981, Paper 3 series 10.

### 2.2.2. Percentage of Literates in Kerala and in other States 1971 and 1981

	Percentage of literates	
	1971	1981
Andhrapradesh	24.57	29.94*
Assam	28.15	NA
Bihar	19.94	26.01*
Gujarat	35.79	43.75*
Haryana	26.89	35.84*
Himachal Pradesh	31.96	41.94*
Jammu & Kashmir	18.58	26.17*
Karnataka	31.52	38.41*
Kerala	60.42	70.42
Madhya Pradesh	22.14	27.82*
Maharashtra	39.18	47.37*
Manipur	32.91	41.99*
Meghalaya	29.49	33.22*
Nagaland	27.40	41.99*
Orissa	26.18	34.12*
Punjab	33.67	40.74*
Rajasthan	19.07	24.05*
Sikkim	17.74	33.83*
Tamil Nadu	39.46	45.78*
Tripura	30.98	41.58*
Uttar Pradesh	21.70	27.38*
West Bengal	33.20	40.88*
India	29.45	36.03 +

+ Excludes Assam                      \*Provisional                      Source: Paper 3 of 1981 Census Report.

### 2.2.3. Percentage of Students passed in the S. S. L. C. Examinations in Kerala 1962 to 1982.

Year	Percentage of Pass
1962 March	36.7
1963 "	48.4
1964 "	47.0
1965 "	41.3
1966 "	37.8
1967 "	40.0
1968 "	38.4
1969 "	40.9
1970 "	37.9
1971 April	36.8
1972 "	37.0
1973 "	29.3
1974 "	29.1
1975 "	29.5
1976 "	35.0
1977 "	40.7
1978 "	42.3
1979 "	43.1
1980 March	42.2
1981 "	39.5*
1982 "	36.6*

\*Provisional

Source: Directorate of Public Instruction.

### 2.2.3(1) Stock of Teachers in Kerala. Section-wise (1960-61 to 1981-82)

Year	High School Section	Upper Primary Section	Lower Primary Section	Total
1960-61	13675	33027	62155	108867
1969-70	26392	43065	69313	138270
1975-76	34846	51657	75882	162385
1978-79	41281	57584	74915	173780
1979-80	44880	56848	73997	175725*
1980-81	46601	57293	71540	175434*
1981-82	48369	58565	71520	178454*

\*Provisional

Source: Directorate of Public Instruction.

Subject	1979				1980				1981			
	March/April		October/November		March-April		March-April		March-April		March-April	
	No. Appeared	No. Passed	% of pass	No. Appeared	No. Passed	% of pass	No. Appeared	No. Passed	% of pass	No. Appeared	No. Passed	% of pass
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<b>B. A.</b>												
English	1100	551	50	411	140	34.1	1568	575	36.67	1299	433	33.33
English & History												
Philosophy	105	72	68.5	17	13	76.5	239	154	64.44	167	103	61.67
Music and Philosophy												
History	1329	651	49.0	316	142	44.9	1751	958	54.71	1456	637	41.47
Urdu and Islamic History												
Politics	615	348	56.5	101	54	53.5	801	493	61.55	640	383	59.8
Arabic and History												
Economics	3859	1880	48.7	1076	416	38.7	6332	3341	52.76	5926	2703	45.61
Psychology	39	37	95.0	1	1	100.0	67	63	94.03	60	42	70.00
Geography	28	18	64.0	5	5	100.0	28	24	85.71	30	20	66.66
Sociology	128	87	68.0	9	5	55.6	118	78	69.03	149	124	83.22
Economics and History												
Islamic History	28	14	50.0	..	..	..	69	43	62.52	34	29	67.64
Arabic and Islamic History												
Sanskrit General	18	17	94.4	..	..	..	38	21	55.26	24	20	83.33
Sanskrit Special	171	124	72.6	22	6	27.3	320	229	71.56	245	151	60.17
Kannada												
Malayalam	361	326	90.0	11	7	63.6	900	834	92.67	547	431	78.79
Malayalam and Sociology												
Hindi	141	119	84.3	3	3	100.0	325	295	90.76	122	98	80.32
Hindi and History												
Tamil	2	2	100.0	..	..	..	6	6	100.00	1	1	100.00
Arabic	15	10	66.0	..	..	..	85	57	67.05	15	11	73.35
Music	10	7	70.0	1	1	100.0	18	16	88.84	10	8	80.00
<b>B. Sc.</b>												
Statistics	1934	1004	51.9	535	142	26.5	2216	1420	64.1	2382	1653	69.39
Mathematics	1354	739	54.5	285	137	48.0	1466	895	61.1	1458	725	49.72
Physics	1702	1129	65.8	214	110	51.4	1593	1148	72.1	1814	1180	65.04
Chemistry	1491	1141	76.5	145	114	78.6	1500	1333	88.9	1620	1426	85.02
Botany	1493	1261	84.4	98	74	75.5	1449	1312	90.5	1422	1175	82.06
Zoology	24	21	87.5	2	1	50	..	..	..	23	22	95.06
Home Science	192	175	91.1	2	1	50	234	193	82.5	189	174	92.06
B. Library Science	28	25	89.3	1	1	100.0	28	27	96.4	..	..	..
B. Com. Part III	3318	1747	52.7	864	467	54.1	10606	4527	42.6	11257	4144	36.81
D. Com. (Transitory)	52	12	23.0	50	12	24.0	22	10	45.4	18	5	27.77

## 2.2.5. Subject-wise out turn of M. Sc. and M. Com. 1979 of Kerala University

Subject	No. appeared	No. passed	Percentage
Mathematics	171	97	57
Mathematics (New scheme)	14	12	86
Physics	132	121	92
Chemistry	132	97	73
Analytical Chemistry	10	9	90
Applied Chemistry	7	7	100
Botany	158	158	100
Biochemistry	7	7	100
Genetics & Plant Breeding	11	11	100
Zoology	114	114	100
Statistics	21	21	100
Home Science	18	18	100
Geology	6	6	100
M. S. W.	39	31	79
M. Com.	326	186	57

## 2.2.5 (1) Subject-wise out turn of M. Sc. &amp; M. Com. 1980 Kerala University

Subject	No. appeared	No. Passed	Percentage
Branch I Maths (New Scheme)	17	15	88.2
Branch IV Analytical Chemistry	7	7	100
Branch V Applied Chemistry	11	11	100
Branch IX Statistics	6	6	100
Branch X Home Science	24	23	95.83
Branch III Chemistry (New Scheme) Simultaneous appearance	44	21	47.72
Branch III Chemistry (Old Scheme) Simultaneous appearance	8	2	25
Branch II Physics (Simultaneous appearance)	67	59	88.05
Branch XIII Zoology (Simultaneous appearance)	29	29	100
Branch I Mathematics	70	60	85.7
Branch III Chemistry (New Scheme)	75	66	88
Chemistry final (Old Scheme)	26	18	69.2
Branch IX Statistics (Simultaneous appearance)	24	18	75
Space Physics/Applied Electronics 4th Semester	8	8	100
Branch I Maths (Simultaneous appearances)	155	95	61.2
Branch IV Analytical Chemistry	4	4	100
Bio chemistry	8	8	100
Geology	6	6	100
Branch XII Genetics & Plant Breeding	7	7	100
Branch II Physics	95	84	88.4
Branch XIII Zoology (New Scheme)	82	82	100
Branch XIII Zoology (Old Scheme)	1	1	100
Branch VI Botany	127	126	99.21
M. S. W. New Scheme	17	17	100
„ Old Scheme	1	1	100
M. Com. New Scheme	251	189	75.2
„ Old Scheme	6	4	66.6

## 2.2.5 (2) Subject-wise out turn of M. Sc. and M. Com, 1981 Kerala University

Subject	No. appeared	No. passed	Percentage
Mathematics (Old Scheme)	77	29	37.66
Mathematics (New Scheme)	200	162	81
Mathematics (New Scheme)	3	2	66.66
Physics	171	111	64.91
Chemistry (New Scheme)	155	117	75.48
Chemistry (Old Scheme)	14	5	35.71
Analitical Chemistry	12	12	100
Applied Chemistry	11	11	100
Rotany	152	149	98.02
Genetics & Plant Breeding	8	8	100
Zoology	118	112	94.91
Statistics	36	35	97.22
Home Science	26	25	96.15
Bio Chemistry	6	6	100
Geology	8	8	100
Demography	5	5	100
M. S. W.	52	52	100
M. Com.	272	211	77.5

## 2.2.5 (3) Subject-wise out turn of M. A. 1979 Kerala University

Subject	No. appeared	No. passed	Percentage
English	358	246	68.7
Philosophy	58	54	93.1
Russian	7	5	71.4
History	222	192	86.5
History (Area studies in Russian History)	13	13	100
Economics	469	175	35.3
Sociology (Old Scheme)	80	55	68.8
Sociology (New Scheme)	326	114	35
Psychology	15	14	93.3
Politics	98	91	92.9
Economics (Single Exam. Scheme)	134	74	55
Music	6	5	83.3
Sanskrit	25	17	68
Malayalam	186	93	50
Hindi	76	75	98.7
Tamil	5	5	100
Sanskrit Special	26	26	100
Linguistics	9	9	100
Applied Linguistics	9	9	100
Arabic	6	6	100

## 2.2.5 (4) Subject-wise out turn of MA 1980 Kerala University

Subject	No. appeared	No. passed	Percentage
English	86	76	86.36
Philosophy	51	46	90.19
Russian	..	..	..
History	263	210	79.5
History (with specialisation in modern period)	19	19	100
Economics	..	..	..
Economics (New Scheme)	750	535	71.33
Sociology	..	..	..
Sociology (New Scheme)	577	295	51.13
Psychology	19	16	84.21
Politics	113	96	85
Economics (Single Exam.)	45	23	51.1
Music	5	3	85.7
Sanskrit	34	31	91.11
Malayalam	116	98	84.48
Hindi	85	78	90.42
Tamil	8	8	100
Sanskrit (Special)	35	29	82.85
Linguistics	8	8	100
Applied Linguistics	9	9	100
German Language & Literature	4	4	100
Arabic	13	13	100

## 2.2.5(5). Subject-wise out turn of M. A. 1981 of Kerala University

Subject	No. appeared	No. Passed	Percentage
English	539	310	57.3
Philosophy	56	50	83.5
Music	8	5	62.5
Economics	923	339	36.72
History	297	243	81.81
Politics	110	103	93.63
Psychology	20	20	100
Sociology	810	252	31.11
Sanskrit (General)	46	34	73.91
Sanskrit (Special)	45	44	97.77
Malayalam	288	242	84.02
Tamil	3	3	100
Hindi	103	100	97.08
Arabic	7	7	100
Linguistics	10	9	90
Applied Linguistics	10	10	100

## 2.2.5 (6) No. of students appeared and passed in Post-graduate studies under Cochin University for the years 1978-79 to 1982-83

Subject	1978-79		1979-80		1980-81		1981-82		1982-83	
	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed
1. M. Sc. Marine Biology	8	8	10	10	5	5	12	11	NA	NA
2. M. Sc. Marine Geology	6	6	6	6	6	6	10	10	"	"
3. M. Sc. Metrology	7	7	5	5	5	5	10	9	"	"
4. M. Sc. Oceanography	4	4	6	6	4	4	10	9	"	"
5. Industrial Fisheries	14	14	16	16	15	15	13	13	"	"
6. M. Sc. Mariculture	..	..	..	..	15	15	9	9	12	12
7. M. A. Hindi	5	5	12	12	16	16	23	23	NA	NA
8. M. Sc. Applied Chemistry	11	11	14	14	9	9	13	13	"	"
9. M. Sc. Mathematics	8	8	12	12	15	14	14	14	"	"
10. M. Sc. Statistics	..	..	..	..	..	..	10	7	..	..
11. L. L. M.	16	13	8	8	18	14	14	14	..	..
12. M. B. M.	..	..	..	..	28	27	27	22	28	19

Source: University of Cochin

## 2.2.6. Sanctioned in take, actual intake and out turn of B. Ed. degree holders

Year	Sanctioned intake		Actual intake.		out turn
1971-72	2360		2400		2138
1975-76	1883		1753		1694
1977-78	2261		2242		2101
1978-79	2336		2336		2213
1979-80	2645		2633		2460
1980-81	2645		2619		2583
1981-82	2821		2788		2686

Source:—Directorate of Collegiate Education.

## 2.2.7 (1) Intake of Students in Engineering Colleges

	1970-71		1975-76		1978-79		1979-80		1980-81		1981-82 *	
	S	A	S	A	S	A	S	A	S	A	S	A
Full time Degree	836	716	937	901	1152	1163	1311	1366	1535	1536	1905	1905
Part-time	..	..	90	90	90	90	90	90	145	145	185	185
Post graduate	56	56	112	76	112	88	112	81	112	106	NA	NA
Total	892	772	1139	1067	1354	1341	1513	1537	1792	1787	..	..

S=Sanction, A=Actual.

Source:—Directorate of Technical Education.

\* Provisional.



## 2.2.7. (2) Intake of Engineering Graduates (Branch-wise)

Year	Sanctioned intake	Branch-wise actual Intake									Total
		Civil	Mechanical	Electrical	Architecture	Telecommunication	Chemical Engineering	Production cum Plant Engineering	Part-time		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1969-70	875	98	330	290	44	10	45	..	..	817	
1975-76	1020	270	268	267	11	45	40	..	..	991	
1978-79	1243	351	366	322	14	75	35	..	90	1253	
1979-80	1401	392	428	385	17	79	50	15	90	1456	

Source: Technical Education Dept.

## 2.2.7. (3) Intake of full time degree courses in Engineering Colleges (Branch-wise)

Year	Civil		Mechanical		Electrical		Architecture		Telecommunication		Chemical		Production cum plant Engineering		Others		Total			
	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A		
	1970-71	180	83	336	317	300	216	10	10	45	45	45	45	..	..	..	..	..	..	836
1975-76	270	270	282	263	280	267	15	11	45	45	45	40	..	..	..	..	..	..	937	901
1978-79	340	351	345	366	335	322	15	14	76	75	41	35	..	..	..	..	..	..	1152	1163
1979-80	360	392	390	428	380	385	15	17	81	79	50	50	15	15	..	..	..	..	1311	1366
1980-81	NA	464	NA	461	NA	376	NA	21	NA	112	NA	62	NA	15	NA	25	NA	25	1535	1536
1981-82	NA	560	NA	570	NA	495	NA	30	NA	115	NA	65	NA	25	NA	45	NA	45	1905	1905

S=Sanctioned, A=Actual

## 2.2.7. (4) Sanctioned and Actual intake of Post-graduate students in Engineering Colleges (Branch-wise)

Year	Civil		Mechanical		Electrical		Technical		Electronics		Total			
	S	A	S	A	S	A	S	A	S	A	S	A		
1970-71	16	16	24	24	16	16	..	..	..	..	..	..	56	56
1975-76	34	19	28	23	34	22	6	6	10	6	112	76		
1978-79	34	18	23	26	34	36	6	6	10	2	112	88		
1979-80	34	24	28	24	34	28	6	4	10	1	112	81		
1980-81	NA	32	NA	29	NA	33	NA	6	NA	6	112	106		

S=Sanctioned, A=Actual

Source: Directorate of Technical Education.

## 2.2.7. (5) Intake of Diploma Holders (Branch-wise)

Year	Sanctioned Intake	Branch-wise actual Intake												Total
		Civil	Mechanical	Electrical	Telecommunication	Chemical Engineering	Chemical technology	Automobile Engineering	Textile Technology	Printing Technology	Diploma in Commercial practice	Electronics	Others	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1969-70	1968	566	626	521	40	28	20	60	60	..	..	..	..	1921
1975-76	2160	654	641	616	80	30	20	30	60	..	..	..	..	2151
1978-79	2332	734	713	621	79	27	20	61	60	..	..	..	..	2315
1979-80	2641	670	685	590	75	27	20	56	60	40	22	..	..	2245
1980-81	NA	694	714	587	..	50	..	60	60	40	180	140	115	2640
1981-82	NA	739	755	619	..	50	..	60	60	40	180	140	130	2773
1982-83	NA	700	738	675	..	50	..	60	60	40	174	160	145	2802

Source: Directorate of Technical Education.

**2.2.8. Out turn of Engineering Graduates (including supplementary)  
(Branch wise)**

Year	Civil	Mechanical	Electrical	Telecommunication	Architecture	Chemical	Total
1970-71	175	327	302	57	34	30	925
1975-76	197	311	231	17	8	15	779
1977-78	247	255	251	42	11	37	843
1978-79	264	294	263	48	13	35	917
1979-80*				NA			
1980-81†	234	304	215	39	14	27	835

\* Final examination was not conducted in the Colleges of Kerala University in 1979-80.

† Excluding supplementary examinations.

Source: Technical Education.

**2.2.8. (1) Out turn of Diploma Holders (Branch-wise)  
(including supplementary examination)**

Year	Civil	Mechanical	Electrical	Chemical Engineering Technology	Automobile	Textiles	Electronics	Printing Technology	Diploma in Commercial practice	Costume Design and Dress making	Consumer Technology	Total
1970-71	233	383	291	43	35	23	28	13	NA	NA	..	1036
1975-76	303	240	362	30	25	36	71	11*	NA	NA	..	1078
1978-79	335	365	388	45	34	43	107	18	90	63	13	1561

\* Annual Examination results only

**2.2.9. Intake and out turn of Medical graduates (M.B.B.S.)  
from the medical colleges in Kerala**

Year	No. of Colleges	Intake	Out turn
1978	4	525	572
1979	4	555	427
1980	4	600	474
1981	4	600	595
1982	5	700	454

Source: Medical Colleges

**2.2.10. Intake and out turn of Degree Holders in Ayurveda Colleges (Government)**

Year	B.A.M.		
	Sanctioned	Actual Intake	Out turn
1978-79	140	140	40
1979-80	140	140	42
1980-81	140	140	32

**2.2.11. Intake and out turn of Agricultural Graduates and Post-graduates**

Year	Actual Intake			Out turn		
	B.Sc.	M.Sc.	Ph.D.	B.Sc.	M.Sc.	Ph.D.
1969-70	53	20	..	56	21	..
1975-76	89	17	11	12	19	..
1979-80	60	33	10	86	30	..
1980-81	86	48	11	132	48	8
1981-82	125	34	6	51	35	5
1982-83*	74	36	5	6	26	1

\* Will be over by September 1983.

Source: College of Agriculture, Vellayani.

## UNEMPLOYMENT

**2.3.1. No. of applicants on Live Register of Employment Exchanges in Kerala as on 31st December**

Year	No. of Employment Exchanges	Average monthly No. of employers using the exchange	No. of vacancies notified during the period	No. of Registrations during the period	No. of placements effected during the period	No. of applicants in the Live Registers at the end of the period
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1960	9	198	N. A.	105775	11631	151469
1969	9	526	24255	163162	17864	239586
1975	13	545	29963	283274	23878	691242
1978	14	497	23970	300761	13323	1052652
1979	18	723	44665	356501	19265	1249372
1980	18	810	38525	505853	29594	1579164
1981	25	860	33855	484181	21641	1903719
1982*	28	954	31449	366919	19176	2086155

\* Provisional

Source : Directorate of Employment and Training.

**2.3.2. Occupational distribution of applicants on Live Register of Employment Exchanges in Kerala as on 31st December**

(In thousand)

Year	Professional technical related workers excluding primary and middle school teachers	Primary and middle school teachers	Administrative executive and managerial workers	Sales workers	Clerical and related workers excluding unskilled office workers	Service workers excluding Watchers, Gatesmen and Sweepers	Farmers, Fishermen, Loggers etc. excluding Agricultural Plantation workers	Production related workers transport equipment operator and labourers excluding loaders, un-loaders and labourers etc.	Unskilled office workers	Other unskilled workers	Workers not classified by occupation	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1960	10.4	N.A.	0.2	0.1	7.4	N.A.	1.5	N.A.	N.A.	N.A.	90.4	151.4
1969	29.0	N.A.	1.0	0.1	19.9	N.A.	2.0	N.A.	N.A.	N.A.	145.4	239.6
1975	40.2	10.3	1.5	0.2	50.5	2.8	4.5	52.2	4.3	45.7	479.0	691.2
1978	46.8	7.4	1.7	0.7	79.8	3.2	9.1	76.0	12.4	52.1	763.5	1052.7
1979	55.5	7.8	2.0	0.8	94.5	4.1	11.8	82.9	15.0	60.6	914.4	1249.4
1980	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1981	62.6	12.0	2.2	0.6	144.4	7.1	15.7	128.0	20.4	70.3	1440.3	1903.6

Source : Directorate of Employment and Training.

**2.3.3. No. of Work Seekers in Kerala (District-wise)**

District	1961	1971	1975	1976	1977	1978	1979	1980	1981	1982*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Trivandrum	31578	92112	139215	161495	179793	220461	248332	306532	367935	396707
Quilon	16779	40134	73464	78007	79754	112828	142713	193521	232831	236260
Alleppey	14783	26396	55611	49163	57416	79595	99815	133619	156343	190924
Kottayam	11978	28632	58213	66363	82536	100335	119688	154384	181290	197746
Idukki	..	..	14617	19679	24476	24817	24644	33254	47411	52598
Ernakulam	28867	65443	120948	122279	126826	151987	178522	225004	266708	291602
Trichur	8568	24829	55336	58601	69937	85415	103882	114443	141931	154183
Palghat	6814	16384	27204	30837	37187	43289	54365	97416	112918	123350
Malappuram	..	14611	35076	40333	51138	58228	71492	63652	75578	89864
Kozhikode	13377	31829	64469	72989	78690	100957	116201	151166	173222	196184
Wynad	..	..	..	..	..	..	..	..	17503	26102
Cannanore	8065	27011	47089	53833	61625	74740	89717	106173	130049	130635
State	140809	367381	691242	753579	849 78	1052652	1249372	1579164	1903719	2036155

\* Provisional

Source : Directorate of Employment and Training.

### 2.3.4. Distribution of Work Seekers in Kerala by Educational levels

Year	Total work seekers	Below S. S. L. C.			Educated work seekers				
		Below S.S.L.C.	% to total work seekers	S.S.L.C.	Pre-degree	Graduate	Post-graduate	S.S.L.C. and above (Total)	% to total work seekers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
31-12-1971	367381	166305	45.27	167814	10168	20841	2223	201076	54.73
31-12-1975	691242	331628	47.98	281989	28329	44456	4840	359614	52.02
31-12-1978	1052652	494935	47.02	434192	56641	57816	9068	557717	52.98
31-12-1979	1249372	575366	46.00	530742	70342	64365	8567	674016	54.00
31-12-1980	1579164	765141	48.45	658652	79310	67841	8220	814023	51.55
31-12-1981	1903719	972788	51.10	748898	90254	84737	7042	930931	48.90
31-12-1982*	2086155	1049419	50.40	842772	102644	84161	7159	1036736	49.70

\* Provisional

Source : Directorate of Employment and Training.

### 2.3.5. Number of Professional and Technical Work Seekers in the Live Register

Year ending	Category					
	Medical Graduates	Engineering Graduates	Diploma holders in Engineering	I. T. I. certificate holders	Agricultural graduates	Veterinary graduates
(1)	(2)	(3)	(4)	(5)	(6)	(7)
31-12-1970	281	1852	3547	8380	133	70
31-12-1975	809	1850	3990	20113	32	117
31-12-1976	696	1752	4009	20747	29	75
31-12-1977	490	1784	3585	21376	78	32
31-12-1978	668	1755	4305	23821	58	55
31-12-1979	691	1395	5507	26345	59	63
31-12-1980	871	1505	6833	29973	106	17
31-12-1981	651	1217	7866	33569	103	14
31-12-1982	796	1417	7546	33403	102	15

Source : Directorate of Employment and Training.

### 2.4. Outmigrants for employment according to Educational Status (District-wise)

Sl. No.	Districts	Educational Status						Total
		Below Secondary		Secondary				
		Skilled	Unskilled	Possessing Certificate/ Diploma in Technical Subjects	Not possessing certificate/ Diploma in Technical Subjects	Possessing Degree in general professional subjects	Possessing Degree in Technical Subjects	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	Trivandrum	10084	14039	4624	3899	1319	602	34567
2.	Quilon	11006	13310	15114	18769	4627	1445	64271
3.	Alleppey	11443	14779	18837	26359	7530	2304	81252
4.	Kottayam	1840	2270	5305	8531	4307	1040	23323
5.	Idukki	228	241	662	652	352	131	2286
6.	Ernakulam	2583	2687	3675	4545	2108	756	16354
7.	Trichur	22464	37340	11136	15373	4289	1667	92269
8.	Palghat	7415	16385	5789	9232	3012	916	42749
9.	Malappuram	7894	38250	2743	4213	919	291	54315
10.	Kozhikode	4124	21885	2065	4661	936	370	34041
11.	Cannanore	10887	34243	5686	9697	2651	1024	64188
	State	89968	195429	75641	105931	32100	10546	509615

Source : Directorate of Economics & Statistics—Survey on Housing & Employment (1980)

## 2.4.1. Outmigrants for Employment (District-wise)

Sl.No. District	Places of Destination													
	Within India					Outside India								
	Famil Nadu	Maharashtra	West Bengal	Delhi	Other states of India	Total	Gulf Countries	Africa	America	Europe	Others	Total	Total outmigrant	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1. Trivandrum	1360	2066	414	1082	6876	11798	21125	196	144	393	911	22769	34567	
2. Quilon	3445	7574	1386	4224	26003	42632	18758	620	1135	314	812	21639	64271	
3. Alleppey	4312	11004	1976	5657	36936	59888	17029	995	1972	483	885	21364	81252	
4. Kottayam	1371	2931	559	2008	9360	16229	4160	608	1474	477	375	7094	23323	
5. Idukki	250	269	42	225	923	1709	287	45	131	59	55	577	2286	
6. Ernakulam	1407	2990	424	1080	5325	11226	3822	332	481	271	222	5128	16354	
7. Trichur	10481	25361	1276	2949	14778	32045	37818	364	331	267	1444	40224	92269	
8. Palghat	13622	6636	1051	1911	11794	35014	7034	146	125	93	337	7735	42749	
9. Malappuram	5467	3924	291	644	7814	18140	34845	189	69	92	380	36175	54315	
10. Kozhikode	4783	2284	294	827	8122	16310	17099	108	98	58	368	17731	34041	
11. Cannanore	4830	12793	933	1417	16846	36819	24568	335	208	184	2074	27369	64188	
State	51328	75032	3649	22024	144777	301810	186545	3938	6168	2691	8463	207805	509615	

Source: Survey on Housing and Employment, 1980.

## 2.5. Employment Categories as percentage to Labour Force—Kerala (District-wise)

District	Labour force	Total employed	Permanently employed					Not permanently employed			
			Total permanently employed	Salary/wage earners	Self employed	Total not permanently employed	200 days and above	120-200 days	60-120 days	Below 60 days	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
Trivandrum	100	76.12	38.63	22.96	15.67	37.48	11.03	13.26	8.35	4.84	
Quilon	100	73.76	41.66	20.27	21.39	32.10	6.29	9.02	8.27	8.55	
Alleppey	100	81.05	38.43	17.24	21.19	32.62	8.85	12.39	11.74	9.61	
Kottayam	100	78.55	43.28	22.45	20.83	35.27	8.85	12.57	8.34	5.51	
Idukki	100	90.14	61.61	34.44	27.17	28.54	8.70	10.53	6.51	2.80	
Ernakulam	100	78.58	44.67	26.51	18.16	33.91	10.41	11.85	7.05	4.60	
Trichur	100	83.99	45.95	24.68	21.27	38.04	13.00	13.03	7.47	4.54	
Palghat	100	86.97	45.70	23.02	22.68	41.26	11.22	15.82	9.83	4.38	
Malappuram	100	89.05	43.82	22.31	21.51	45.23	16.30	16.15	8.39	4.39	
Kozhikode	100	81.93	42.76	20.23	22.53	39.18	13.84	13.10	7.70	4.54	
Cannanore	100	88.44	48.19	26.94	21.25	40.24	15.13	14.49	7.22	3.41	
State	100	82.01	44.10	22.23	20.87	37.91	11.25	12.93	8.25	5.38	

Source: Directorate of Economics and Statistics Housing and Employment 1980.

2.6. Work done by Employment Exchanges for Scheduled Castes for the years ending March

Name of Employment Exchange	Registration			Submission			Placement			Vacancies notified			Live Register								
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Trivandrum				3188	1310	2179	1659	2479	752	178	118	365	140			352	202	11962	14733	17334	9222
Quilon				3294	3601	1334	579	1682	2032	102	65	306	209			29	6	7993	10195	12549	13532
Alleppey				2357	2167	1004	870	2006	892	119	102	308	135			229	165	5200	6830	6302	4850
Kottayam				1212	1757	786	523	862	615	69	41	89	87			97	129	5201	7269	8394	8305
Idukki				485	842	301	473	675	1001	48	33	62	86			36	104	1826	1915	1894	2327
Ernakulam				2554	3194	1407	1051	3546	2805	172	171	227	303			468	473	9275	11670	13020	10497
Trichur				2574	2540	1575	1039	1111	869	132	88	253	57			99	91	5150	6925	8549	7044
Palghat				1821	2186	1760	1202	2077	1647	209	122	412	110			67	178	4652	6193	7182	9157
Malappuram				1626	2016	1398	985	1873	1179	189	74	528	198			139	157	5161	5920	6961	7478
Kozhikode				1992	2139	1003	965	2220	1983	163	147	276	268			112	124	3558	7970	9657	11276
Cannanore				1082	1036	1235	1194	1650	959	121	96	178	106			190	180	992	2587	3225	3125
Professional and Executive				65	74	350	111	215	246	18	14	38	21			51	44	136	150	149	150
Physically handicapped				32	49	274	171	311	299	18	1	11	24					127	130	147	160
Attingal				842	1070	259	361	709	649	16	27	81	33			7	3	1689	2508	3092	4161
Kayan kulam				138	1371				327			15	23							1363	4565
Sherthalai				165	156				26				3							1365	1817
Muvattupuzha				58	657			62	443				35							671	1198
Kasarode				44	706			73	280			18	27			14	106			362	1040
Netumangad																					2598
Neyyattinkara																					4006
Punalur																					2869
Palai																					1544
Always																					5005
Irinjalakuda																					7918
Badagara					21				27												356
Total				23529	26904	14895	11283	22551	17031	1559	1099	3167	1865			1920	1962	62922	84995	102816	124200

Source: Administration Report of National Employment Exchange.







### **III. INDUSTRIES**



## III. INDUSTRIES

## 3.1. Number of working factories in Kerala registered under different sections of the Factories Act, 1948

Year	2 m (i)	2 m (ii)	85 (P)	85 (NP)	Grand total
(1)	(2)	(3)	(4)	(5)	(6)
1960	1253	497	409	241	2400
1970	1785	343	724	188	3040
1976	2 07	325	3326	1063	6921
1977	2225	280	3851	1269	7625
1978	2160	250	4189	1185	7784
1979	2348	269	4645	1229	8491
1980	2476	260	5095	1275	9106
1981	2577	262	5040	1220	9099

2 m (i) Factories employing 10 or more workers on any day during the year and working with the aid of power.

2 m (ii) Factories employing 20 or more workers on any day during the year and working without the aid of power.

85 (P) Factories employing less than 10 workers on any day during the year and working with the aid of power.

85 (NP) Factories employing less than 20 workers on any day during the year and working without the aid of power.

Source : Directorate of Economics and Statistics.

## 3.2. Distribution of Registered Working Factories (submitted returns only) according to the size of Employment in Kerala (%)

Employment size	Percentage distribution during				
	1970	1975	1979	1980	1981
1000 to 4999	0.54	0.60	0.35	0.37	0.37
500 to 999	2.52	3.36	2.31	1.98	2.02
100 to 499	9.82	6.68	3.83	3.85	3.59
50 to 99	11.72	7.39	4.21	4.27	4.74
20 to 49	21.74	18.56	11.44	11.88	12.74
10 to 19	18.93	17.63	13.31	12.95	15.22
9 and below	34.73	45.78	64.55	64.70	61.32
State Total	100.00	100.00	100.00	100.00	100.00

Source : Directorate of Economics and Statistics.

## 3.3. Distribution of Registered Working Factories (submitted returns only) according to the number of days worked in Kerala (Percentage)

No. of days worked	Percentage Distribution of factories					
	1970	1976	1978	1979	1980	1981
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. More than 300 days	42.24	41.17	31.00	32.84	32.17	31.81
2. More than 240 days but not more than 300 days	35.52	28.61	39.07	38.79	39.32	39.46
3. More than 180 days but not more than 240 days	11.25	13.36	15.51	14.12	13.79	13.56
4. More than 120 days but not more than 180 days	6.92	8.59	6.95	6.93	6.60	6.99
5. More than 60 days but not more than 120 days	2.79	6.30	4.20	5.62	5.53	5.72
6. Less than 60 days	1.28	1.97	3.27	1.70	2.59	2.46
Total	100.00	100.00	100.00	100.00	100.00	100.00

Source : Directorate of Economics and Statistics.

## 3.4 District-wise Distribution of Registered Working Factories

Year	Trivan- drum	Quilon	Alleppey	Kotta- yam	Idukki	Erna- kulam	Trichur	Palghat	Mala- ppuram	Kozhi- kode	Wynad	Canna- nore	State
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1960	118	46	278	229	..	251	299	221	..	290	..	368	2400
1970	157	444	267	299	..	415	557	258	..	361	..	282	3040
1976	274	724	513	538	128	1081	812	630	131	1041	..	1049	6921
1978	303	787	580	619	114	1249	876	316	169	1172	..	1099	7784
1979	324	837	570	639	123	1436	970	908	184	1189	..	1311	8491
1980	361	901	625	697	125	1564	1001	942	240	1235	..	1415	9106
1981	371	883	604	669	159	1567	1001	907	340	1175	..	1423	9099

Source : Directorate of Economics and Statistics.

3.3. District-wise and Industry-wise Distribution of Registered Working Factories in Kerala

Name of Industry	Trivandrum				Quilon				Alleppey				Kottayam			
	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1 Saw mills	15	17	21	27	79	79	97	93	39	41	43	42	60	60	69	67
2 Printing and publishing	39	42	43	46	35	36	37	38	32	31	31	28	77	79	81	77
3 Cotton Textiles	1	15	17	15	1	5	6	10	1	5	5	4	3	3	3	3
4 Automobile repairing	30	31	32	29	20	20	21	22	19	21	23	22	46	50	50	42
5 Oil	18	19	18	14	31	29	30	26	51	44	48	49	16	12	13	9
6 Tiles	1	1	3	3	47	46	45	48	5	5	5	3	16	15	17	17
7 Plywood and splints and veneers	10	13	14	15	33	42	51	52	16	19	22	25	20	23	24	27
8 Cashew	13	14	15	16	213	232	228	229	5	5	5	5	..	..	..	..
9 Coir	4	3	4	3	5	6	9	6	200	195	200	190	3	3	3	2
10 General Engineering	12	55	64	22	20	97	106	20	18	46	50	18	25	73	80	15
11 Rubber	30	38	36	37	39	52	51	52	16	23	21	28	126	207	213	245
12 Chemical and Chemical Products	9	11	12	14	5	7	10	11	13	18	26	28	15	16	18	19
13 Tea	5	5	5	5	6	6	6	4	..	..	..	..	1	7	7	6
14 Matches	9	10	14	13	23	27	28	22	11	11	12	12	3	3	3	2
15 Soap	1	1	1	1	3	2	3	3	3	3	3	3	2	2	2	1
16 Beedi and Cigar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17 Other Industries	106	49	62	111	227	151	173	247	151	103	131	147	209	86	115	137
Total	303	324	361	371	787	837	901	883	580	570	625	604	619	639	697	669

3.5 (Contd.)

Name of Industry	Idikki				Ernakulam				Trichur				Palghat			
	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1 Saw mills	..	4	4	8	185	207	232	231	117	130	131	132	113	117	130	124
2 Printing and publishing	4	4	4	8	104	116	113	109	60	71	71	69	35	37	37	40
3 Cotton textiles	..	..	..	..	1	15	19	20	..	10	17	10	9	24	19	16
4 Automobile repairing	3	3	3	3	72	91	96	97	33	40	42	45	38	44	44	40
5 Oil	7	8	8	7	44	52	47	42	81	83	95	85	10	11	10	10
6 Tiles	..	..	..	..	29	32	36	37	135	135	139	143	11	12	12	13
7 Plywood and Splints & Veneers	3	4	5	5	29	35	40	42	31	35	35	36	48	66	76	89
8 Cashew	..	..	..	..	2	2	2	2	5	5	5	5	..	..	..	..
9 Coir	..	..	..	..	19	19	22	22	7	8	8	8	..	..	..	..
10 General Engineering	3	6	6	..	96	351	388	125	51	131	130	33	29	154	162	52
11 Rubber	14	17	20	16	45	109	79	113	37	57	54	63	16	36	24	34
12 Chemical and Chemical products	1	2	2	1	34	48	54	57	13	18	18	19	10	19	19	18
13 Tea	70	72	73	72	5	1	1	1	1	1	1	1	3	3	3	3
14 Matches	..	..	..	..	3	9	11	12	21	26	26	29	8	11	12	15
15 Soap	..	..	..	..	12	10	11	11	2	3	3	3	..	..	..	..
16 Beedi and Cigar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17 Other Industries	9	6	3	43	569	339	413	646	282	217	228	320	486	374	394	453
Total	114	123	125	159	1249	1436	1564	1567	876	970	1001	1001	816	908	942	907

Name of Industry	Malappuram				Kozhikode				Cannanore				State			
	1978	1979	1980	1981	1978	1979	1980	1981	1978	1979	1980	1981	1978	1979	1980	1981
	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)
1 Saw Mills	44	44	62	110	120	126	131	130	86	98	107	111	858	920	1024	1071
2 Printing and publishing	9	10	14	15	66	75	77	74	47	52	53	53	508	553	561	557
3 Cotton Textiles	..	1	3	3	8	64	68	63	97	621	632	632	118	763	789	776
4 Automobile repairing	12	15	20	25	102	108	113	101	74	85	101	100	449	508	545	526
5 Oil	6	8	10	12	48	48	47	43	17	23	26	25	329	337	350	322
6 Tiles	5	5	7	7	32	34	35	33	9	9	10	10	290	294	309	314
7 Plywood and Splints and Veneers	15	16	18	26	90	98	103	100	50	53	56	58	345	404	444	475
8 Cashew	..	..	..	..	2	2	2	2	3	3	3	3	243	263	260	262
9 Coir	5	8	10	10	38	44	43	42	9	10	10	10	290	296	306	293
10 General Engineering	6	14	18	6	57	151	159	39	29	92	105	28	346	1170	1268	338
11 Rubber	18	21	23	32	47	80	61	73	24	64	60	70	412	704	642	763
12 Chemical and Chemical Products	3	5	6	6	16	21	25	25	3	8	12	12	122	173	202	210
13 Tea	1	1	1	2	11	11	12	12	4	6	6	6	107	113	115	112
14 Matches	3	5	5	5	26	26	26	22	3	6	7	7	110	134	144	139
15 Soap	..	..	..	1	17	16	16	12	3	3	4	4	43	40	45	39
16 Feed and Cigar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17 Other Industries	42	31	45	80	492	285	317	404	641	178	223	294	3214	1819	2104	2882
Total	169	184	240	340	1172	1189	1235	1175	1099	1311	1415	1423	7784	8491	9106	9099

### 3.6. Yearly value of productive capital, value of out-put and value added by manufacture in the different types of Industries

Name of Industry	Productive Capital employed (Rs. in lakhs)				Value of out-put (Rs. in lakhs)				Value added by manufacture (Rs. in lakhs)			
	1976-77	1977-78	1978-79	1978-79	1976-77	1977-78	1978-79	1978-79	1976-77	1977-78	1978-79	1978-79
	1 Manufacture of fertilizers	6942.81	6958.98	7123.46	6553.54	5887.63	6357.01	1522.04	268.80	374.03		
2 Cotton textiles	1608.10	2086.62	2566.72	4279.53	6383.67	7382.40	663.88	1174.67	1683.49			
3 Tyres and Tubes	1161.01	1109.56	1006.72	2059.03	1957.81	1563.39	456.83	510.35	368.65			
4 Tea manufacturing	750.05	839.32	1119.17	4709.03	5599.98	5514.54	1709.85	2124.00	1412.39			
5 Heavy chemicals (organic and inorganic chemicals)	3346.97	3390.61	3413.01	3158.90	3470.40	3734.16	720.91	977.68	1276.77			
6 Cashewnut processing	942.53	1165.86	1518.56	7757.05	9751.88	7469.59	2008.23	2101.98	704.13			
7 Tiles manufacturing	465.84	579.93	898.30	963.89	1077.25	1387.13	517.20	578.81	682.55			
8 Soap and Glycerine	806.29	65.03	1153.88	2448.38	3659.16	4049.39	582.59	679.31	794.37			
9 Coir manufacturing	406.16	442.53	469.11	1519.71	1716.90	1626.32	339.47	254.74	258.86			
10 Plywood manufacturing	640.33	665.67	614.82	1065.43	1407.61	1273.88	293.26	418.52	428.84			
11 Iron and Steel metal	285.59	391.82	382.71	451.27	522.23	959.55	126.26	25.11	131.41			
12 Printing and Binding	1086.44	1036.80	1024.56	1393.13	2110.17	1660.57	419.37	580.98	511.17			
13 Other Industries	53895.42	61251.68	71146.27	64583.67	74102.89	95308.84	10129.48	13872.99	17783.77			
All Industries	72337.54	79984.41	92439.29	100942.56	117647.58	138286.27	19489.39	23567.94	26410.43			

Source: Directorate of Economics and Statistics—Annual survey of Industries.

## 3.7 (1) Government of India Companies in Kerala, Installed capacity and production

Name of company	Name of product	Unit	Installed capacity			Production		
			1979-80	1980-81	1981-82	1979-80	1980-81	1981-82
Cochin Refineries Ltd.	1 Liquefied Petroleum gas	M.T.	10000	10000	10000	14545	13859	13607
	2 Naphtha	"	267000	267000	267000	254004	277713	336805
	3 Motor Spirit-83	"	184000	184000	184000	138257	140140	147764
	4 Motor Spirit 90	"	..	..	..	10552	..	..
	5 Aviation Turbine fuel	"	..	..	..	14447	15055	17982
	6 Superier Kerosene	"	73500	73500	73500	336603	322713	345434
	7 High Speed Diesel	"	707000	707000	707000	907580	969318	1041213
	8 Light Diesel Oil	"	..	..	..	29041	25427	18554
	9 Asphalt	"	..	..	..	3161	5519	19286
	10 Furnace oil	"	1110000	1110000	1110000	975533	942911	N.A.
	11 Bitumen	"	..	..	..	3153	..	..
	12 Low Sulphur Heavy stock	"	..	..	..	47771	76652	76570

## 3.7 (1)—(Contd.)

Name of Company	Name of product	Unit	Installed capacity			Production		
			1979-80	1980-81	1981-82	1979-80	1980-81	1981-82
Fertilizers and Chemicals, Travancore Ltd.	1 Ammonium Sulphate	M.T.	198000	198000	198000	129531	104964	86824
	2 Ammonium Phosphate 20:20	"	49500	49500	49500	40577	36471	43812
	3 Ammonium Phosphate 16:20	"	99000	99000	99000	82187	61455	55363
	4 Ammonium Chloride	"	24750	24750	24750	8739	10180	7241
	5 Super Phosphate	"	44000	44000	44500	24353	10901	18893
	6 Cryolite	"	1650	1650	1650	127	119	63
	7 Sulphur dioxide	"	8250	8250	8250	595	37	..
	8 Oleum	"	6600	6600	..	2303	1392	1097
	9 Urea	"	330000	330000	330000	212009	246000	258300
	10 Complex Fertiliser	"	485000	485000	485000	99406	198414	151869
	11 Ammonia	"	..	..	310200	..	..	189812
	12 Sulphuric Acid	"	..	..	608800	..	..	320541
	13 Phosphoric Acid	"	..	..	148000	..	..	67818

## 3.7 (1)—(Contd.)

Name of Company	Name of product	Unit	Installed capacity			Production		
			1979-80	1980-81	1981-82	1979-80	1980-81	1981-82
India Rare Earths (a) Rare Earths Division, Udyogamandal	1 Rare Earths Chloride	M.T.	5000	5000	5000	3448	3509	3862
	2 Trisodium Phosphate	"	5600	5600	5600	4093	4331	4784
	3 Thorium Hydroxide	"	820	820	820	1102	1210	1235
	4 Rare Earths Flouride	"	180	180	180	68	162	126
	5 Rare Earths Oxide	"	60	60	60	37	47	51
	6 Barium Oxide	"	12	12	12	27	20	17
(b) Minerals Division, Chavara	1 Iluminite	"	160000	144000	144000	146843	104022	88938
	2 Monozite	"	..	240	240	..	131	159
	3 Zircon	"	9000	7460	7460	9056	5125	4684
	4 Rutile	"	7500	7200	7200	4940	3701	5209
	5 Sillimanite	"	..	1600	1600	..	614	1208
Modern food Industries (India) Ltd. Edappally, Cochin	1 Modern Bread	Lakh Nos. of 400 gram	123	123	123	170.39	181.18	194.80
	2 Modern Bun	Lakh Nos. of 50 gram	47.66	47.66	47.66	6.85	8.04	7.72
Indian Telephone Industries Ltd. Palghat	3 Electronics switching Instruments	Nos. of lines	..	10000	25000	2581	9680	23175

## 3.7.1. (Contd)

Name of Company	Name of product	Unit	Installed capacity			Production		
			1979-80	1980-81	1981-82	1979-80	1980-81	1981-82
Hindustan Latex Ltd.	Contraceptive condents	Million Prices	288	288	288	177.70	105.23	265.72
	Meteorological Baloons (875 grams)	Nos.	25000-30000	25000-30000	25000-30000	..	..	..
Hindustan	Technical D.D.T.	Tonnes	1344	1344	1344	1362	1001	956
Insecticides	Formulated D.D.T.	..	2688	2688	2688	2551	2001	2747
Udyogamandal	Technical B.H.C.	..	3000	3000	3000	2442	1541	1868
	Endosulphan 35 Ec	Kilo litre	1910	1910	1910	537	266	38
	Formulated B.H.C.	Tonnes	3000	3000	3000	2551	2601	2727
H.M.T. Ltd. Kalamassery	Machine tools & Accessories	Nos.	636	877	680	471	263	511
	Printing machine & Accessories	..	95	105	115	78	33	84

## 3.7.2. Government of India Companies in Kerala—Main Features

(Rs. in lakhs)

Name of Company	Paid up Capital			Value of Production		
	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Cochin Refineries Ltd.	700.00	700.00	700.00	39607.67	55823.38	76500.00
2. Fertilizers and Chemicals Travancore Ltd.	12321.00	12546.20	12546.20	7629.04	13443.51	14641.82
3. Indian Rare Earths Ltd.	1151.50	3001.50	N.A.	1031.70	1148.30	N.A.
4. Modern Bakeries Ltd.	..	..	..	191.53	257.50	315.81
5. Hindustan Latex	130.00	130.00	130.00	268.00	234.00	637.00
6. Indian Telephone Industries Ltd., Palghat	..	..	..	52.41	N.A.	238.44
7. Hindustan Insecticides Ltd., Udyogamandal	..	..	..	707.05	865.80	778.00
8. H.M.T., Kalamassery	..	..	1176.3	1151.75	629.13	1653.84
9. Instrumentation Ltd., Palghat	..	142.43	N.A.	..	674.00	N.A.

## 3.7.2 (Contd.)

Name of Company	Sales during			Persons employed			Net profit (+) Less (-)		
	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82
(1)	(3)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1. Cochin Refineries Ltd.	38540.68	56064.65	76803.24	464	464	471	(+)182.10	(+)202.63	(+)619.85
2. Fertilizers and Chemicals Travancore Ltd.	9694.19	12267.92	13131.00	7363	7384	7777	(+)65.00	(+)160.37	(-)1098.97
3. Indian Rare Earths Ltd.	1007.50	1078.4	NA	935*	1005*	1475	(+)90.70	(+)85.20	(+)157.30
4. Modern Bakeries Ltd.	206.29	257.23	315.81	154	160	160	(+)14.45	(+)29.53	(+)44.78
5. Hindustan Latex	193.28	238.38	636.90	708	708	750	(-)2.67	(-)44.98	(+)31.22
6. Indian Telephone Industries Ltd., Palghat	37.60	78.31	112.78	124	159	157	(+)0.42	(+)14.25	(+)13.32
7. Hindustan Insecticides Ltd., Udyogamandal	792.40	517.50	836.24	864	1092	881	(-)18.29	(-)135.65	(-)187.96
8. H.M.T., Kalamassery	1183.47	664.20	1664.13	2709	2816	2993	(+)143.64	(-)143.55	(+)215.91
9. Instrumentation Ltd., Palghat	..	1020.0	N.A.	..	388	N.A.	..	+203.70	N.A.

\*Relates only to the two units in Kerala.

## 3.7.3. Government owned Companies in Kerala—Main Features

(Rs. in lakhs)

Name of company	Paid up Capital		Share of Government & Public Sector financing institutions in the paid up capital as on 31-3-1981	Total loans outstanding & Interest Accrued thereon as on 31-3-1981	Net fixed Assets as on 31-3-81	Value of Production	
	1979-80	1980-81				1979-80	1980-81
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Kerala Ceramics Ltd.	107.95	107.95	107.95	480.83	123.40	107.44	113.22
2. Kerala Electrical & Allied Engineering Co., Ltd.	105.82	122.16	122.16	412.04	93.96	322.08	405.51
3. Kerala Soaps & Oils Ltd.	149.97	149.97	149.97	458.00	212.87	515.63	849.37
4. Kerala State Drugs & Pharmaceuticals Ltd.	130.00	210.00	210.00	123.57	295.74	269.00	327.53
5. Kerala State Detergents & Chemicals Ltd.	67.00	89.00	89.00	219.41	92.79	208.65	328.65
6. Travancore Plywood Industries Ltd.	48.59	48.59	48.59	129.32	48.80	204.20	293.40
7. Trivandrum Rubber Works Ltd.	213.62	213.62	213.62	307.57	50.90	258.54	286.31
8. Kerala Minerals & Metals Ltd.	479.05	1979.00	1979.00	641.00	2722.00	77.34	86.09
9. Trivandrum Spinning Mills Ltd.	184.99	184.99	184.99	141.49	136.63	227.75	225.68
10. Sitaram Textiles Ltd.	N.A.	233.00	233.00	311.30	357.76	N.A.	457.20
11. Steel Industrials, Kerala Ltd.	..	348.40	348.40	66.61	128.35	..	29.22
12. Foam Mattings (India) Ltd.*	N.A.	34.00	34.00	67.44	129.46	Nil	N.A.
13. Kerala Premopipe Factory Ltd.	19.50	19.50	19.50	41.83	8.42	N.A.	80.38

## 3.7.(3) (Contd.)

Name of Company	Value of raw materials consumed during 1980-81	Sales during		Export during 1980-81	Net profit(+) Loss(-)	Persons Employed(Nos.)		
		1979-80	1980-81			1979-80	1980-81	
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1. Kerala Ceramics Ltd.	12.99	95.01	117.88	34.84	(-)47.43	(-)66.32	616	609
2. Kerala Electrical & Allied Engineering Co., Ltd.	166.97	318.90	444.75	Nil	(-)15.41	(+)19.43	714	578
3. Kerala Soaps & Oils Ltd.	501.65	523.36	747.36	Nil	(+)10.14	(+)11.60	494	505
4. Kerala State Drugs & Pharmaceuticals Ltd.	139.09	310.61	325.15	Nil	(+)2.86	(+)26.08	283	302
5. Kerala State Detergents & Chemicals Ltd.	161.18	155.51	238.91	Nil	(+)1.48	(+)1.25	159	243
6. Travancore Plywood Industries Ltd.	86.80	198.82	303.26	14.59	(+)0.57	(+)30.13	520	659
7. Trivandrum Rubber Works Ltd.	141.78	230.77	288.06	Nil	(-)30.52	(-)29.49	435	442
8. Kerala Minerals & Metals Ltd.	6.81	79.13	85.13	0.56	(+)17.95	(+)9.72	529	521
9. Trivandram Spinning Mills Ltd.	109.36	225.31	218.87	Nil	(+)32.58	(+)15.86	560	565
10. Sitaram Textiles Ltd.	216.79	N.A.	412.00	Nil	N.A.	(-)57.09	963	987
11. Steel Industrials Kerala Ltd.	13.64	..	29.22	Nil	..	(-)9.35	31	61
12. Foam Mattings (India) Ltd.*	9.68	Nil	9.96	8.84	..	(-)7.83	25	82
13. Kerala Premo pipe Factory Ltd.	33.53	N.A.	83.00	Nil	N.A.	(+)2.00	279	279

\* Commercial Production started only on 1-10-1980.



3.7.4. Government owned companies in Kerala—Production and capacity utilisation

Name of Company	Name of product	Unit	Licenced capacity			Installed capacity			Production capacity			Utilisation in percentage	
			1979-80	1980-81	1979-80	1980-81	1979-80	1980-81	1979-80	1980-81	1979-80	1980-81	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
1. Kerala Ceramics Limited	Porcelain	Tonnes	450	450	595	595	543	528	91.3	88.7			
	China clay	"	5000	5000	5000	5000	5708	6270	114.2	125.4			
	Spray and dried Kaolin	"	18000	18000	18000	18000	4237	3406	23.5	18.9			
2. Kerala Electrical and Allied Engineering Co., Ltd.	Distribution Transformers	K.V.A.	120000	120000	120000	120000	88685	108305	73.9	90.3			
	H.R.C. Fuses	Nos.	120000	120000	120000	120000	..	3896	..	3.2			
	G. L Structures	M.T.	..	..	6000	6000	970	2308	16.2	38.5			
	Steel Structures	"	1200	1200	1200	1200	536	557	44.7	46.4			
	Alternators	Nos.	600	600	750	750	670	633	89.3	84.4			
	Electrical Accessories	"	..	..	..	..	62863	58487	..	..			
3. Kerala Soaps and Oils Ltd.	Soap	M.T.	4300	4300	9000	9000	6079	8210	67.5	91.2			
	Glycerine	"	N.A.	N.A.	260	260	70	82	26.9	31.5			
	Shark liver Oil	"	300	300	300	300	58	17	19.3	3.7			
	Tablets	Lakh Nos.	Not fixed	Not fixed	2514	2514	N.A.	3435	..	136.6			
4. Kerala State Drugs and Pharmaceuticals Ltd.	G-anules	Kgm.	..	..	20000	20000	..	2620	..	13.1			
	Powders	"	..	..	..	..	..	6500	..	..			
	Capsules	"	..	..	149	149	..	164	..	110.1			
	Liquids	" litres	..	..	2.25	2.25	..	1.20	..	53.3			
	Injectibles	"	..	..	..	..	..	..	..	..			
	(a) Bottles	Nos.	..	..	450	450	..	5.60	..	124.4			
	(b) Vials	"	..	..	15	15	..	2.87	..	19.1			
	(c) Ampoules	"	..	..	60	60	..	29.85	..	49.8			
	Detergent Cake	M.T.	..	..	3600	3600	1700	2152	47.2	59.8			
	H.D. Powder	"	10000	10000	1440	1440	0.90	..	0.06	..			
5. Kerala State Detergents and Chemicals Ltd.	Liquid Detergent	"	..	..	..	..	..	02	..	..			
	Plywood and Allied Articles	Lakh sq. metrs. of 4 mm. basis	22.8	22.8	27.38	27.38	12.62	13.15	46.1	48.0			
6. Travancore Plywood Industries Ltd.	Cycle Tyres	Nos.	1500000	1500000	1500000	1500000	538347	479914	35.9	31.9			
	Cycle Rims	"	300000	300000	300000	300000	322904	373403	107.6	124.5			
	Cycle Tubes	"	1800000	1800000	1800000	1800000	45607	..	2.5	..			
	Rubber Hoses	Mtrs.	..	..	..	..	26491	..	..	..			
	Sheetings	Kgm.	..	..	..	..	511260	443710	..	..			
	Camel Back	"	..	..	..	..	318537	379610	..	..			
7. Trivandrum Rubber Works Ltd.	Cycle	Nos.	..	..	..	..	381	273	..	..			
	Latex Goods	Kgm.	..	..	..	..	86719	98492	..	..			
	Flaps	Nos.	..	..	..	..	..	947	..	..			

3.7.A. (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
8. Kerala Minerals and Metals Ltd.	Ilmenite	Tonnes	Not applicable	Not applicable	25000	25000	19380	22835	77.5	91.3
	Rutile	"	"	"	2400	2400	1634	1940	68.1	88.8
	Sillimanite	"	"	"	300	300	"	"	"	"
	Zircon	"	"	"	1500	1500	1434	1432	96.9	95.5
	Brow Ilmenite	"	"	"	300	300	"	167	"	55.7
	Monazite	"	"	"	240	240	122	115	50.8	47.9
9. Trivandrum Spinning Mills Ltd.	Cotton Yarn	Kgs.	25200 Spindles	25200 Spindles	25200 Spindles	25200 Spindles	638000	593928	"	"
10. Sitaram Textiles Ltd.	Cotton Yarn	Spindles	"	"	"	"	"	"	"	"
	Cloth	Metres	"	"	"	"	"	"	"	"
	Fabricated section	Steel. M.T.	Not applicable	Not applicable	"	5400000	"	5066195	"	96.5
11. Steel Kerala Ltd.	Ferrous Scrap	"	Not applicable	Not applicable	"	"	"	388	"	"
12. Foam Mattings (India) Ltd.	Foam Backed Coir Mattings	Sq. Metres	"	"	"	"	"	356	"	"
13. Kerala Premo Pipe Factory Ltd.	Prestressed concrete Pipe	Con. Nos.	"	"	"	3.6 Millions	"	33214	"	0.9
	R.C.C. Pipes	"	"	"	"	"	N.A.	3586	"	"
	"	"	"	"	"	"	"	5045	"	"

3.7(5) Government Majority Companies—Main Features

Name of Company	Paid up capital	Share of Government and Public Sector Institutions in the paid up capital as on 31-3-1981	Total loans outstanding and interest accrued thereon as on 31-1-81	Net Fixed Assets as on 31-3-1981	Value of production		
						(1)	(2)
1. Travancore-Cochin Chemicals Ltd.	634.75	634.75	1656.72	1118.06	916.00	1141.56	
2. Travancore Titanium Products Ltd.*	159.75	159.75	514.20	374.42	930.44	N.A.	
3. Transformers and Electricals Kerala Ltd.	399.38	399.40	1300.00	576.00	1065.33	2083.21	
4. United Electrical Industries Ltd.*	93.90	99.90	95.55	98.37	208.78	280.67	
5. Travancore Cements Ltd.*	50.00	50.00	1.50	25.54	322.78	N.A.	
6. Trace Cable Company Ltd.	129.92	129.92	133.15	70.45	419.96	450.71	
7. Forest Industries (Travancore) Ltd	17.71	17.71	"	4.54	47.03	67.14	
8. Chalakudy Refractories Ltd.	46.23	52.25	85.80	56.99	18.20	13.87	
9. Pallathya Bricks and Tiles Ltd.	24.06	25.06	18.72	N.A.	16.96	25.76	
10. Travancore Sugars and Chemicals Ltd.	51.00	51.00	21.22	16.79	253.91	257.07	

(Rs. in lakhs)

## 3.7.5 (Contd.)

Name of Company	Value of Raw Materials Consumed during		Sales during		Export during		Net profit (+)/Loss (-)		Persons Employed (Nos.)	
	1980-81		1980-81		1980-81		1980-81		1980-81	
	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)		
1. Travancore-Cochin Chemicals Ltd.	249.66	1025.70	1288.96	1.00	(+)	4.71	(+)	129.76	1130	1178
2. Travancore Titanium Product Ltd.*	4.1.55	1100.92	1283.23	12.64	(-)	33.74	(+)	34.30	1431	1402
3. Transformers and Electricals Kerala Ltd.	1402.00	941.07	2064.29	Nil	(-)	74.78	(+)	27.99	1554	1788
4. United Electrical Industries Ltd.	141.37	226.57	276.39	Nil	(+)	17.17	(+)	22.46	510	544
5. Travancore Cements Ltd.*	55.09	479.19	423.56	Nil	(+)	45.14	(+)	21.97	458	440
6. Traco Cable Company Ltd.	340.79	428.08	449.08	Nil	(+)	12.42	(+)	13.71	238	241
7. Forest Industries (Travancore) Ltd.	44.73	62.15	77.67	Nil	(+)	0.61	(+)	1.74	156	157
8. Chalakudy Refractories Ltd.	2.93	8.51	14.88	Nil	(-)	6.41	(-)	27.17	164	167
9. Pallathra Bricks and Tiles Ltd.	N.A.	17.44	N.A.	Nil	(-)	2.79	N.A.	N.A.	129	130
10. Travancore Sugars and Chemicals Ltd.*	112.01	272.73	274.68	Nil	(+)	9.69	(-)	1.49	796	796**

\*Calendar year 1979 and 1980 respectively.

\*\*Last year's figure retained.

## 3.7.6 Government Majority Companies—Production and Capacity Utilisation

Name of company	Name of product	Unit	Licenced capacity		Installed capacity		Production capacity		Utilisation in percentage	
			1980-81		1980-81		1980-81		1980-81	
			(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. Travancore-Cochin Chemicals Ltd.	Zinc Hydroxide	M.T.	..	..	..	..	179	13	..	..
	Caustic Soda	"	66000	66000	59400	59400	31002	33711	52.2	56.8
	Hydrosulphite of Soda	"	3000	3000	2100	2100	110	10	5.2	0.5
	Sodium Sulphide	"	2100	2100	2100	2100	344	659	16.4	31.4
	Chlorine Products	"	58080	58080	52272	52272	27282	29666	52.2	56.8
	Titanium Dioxide	Tonnes	24500	24500	24500	24500	8381	10939	34.2	44.6
2. Travancore Titanium Products Ltd.	Power Transformers	M.V.A.	6000	6000	3000	3000	1710	3356	57.0	111.8
3. Transformers and Electricals Kerala Ltd.	Current and potential Transformers, Bushings	Nos.	1000	1000	760	760	404	712	53.2	93.7
	Circuit Breakers	"	375	375	Not	Not	Assessed	12	..	..
	KWH Meters	Nos.	177000	177000	200000	177000	111717	136537	55.9	77.1
	Motor Control Gears	"	Not fixed	Not fixed	4500	4500	4222	4595	93.8	102.1
	L.T. Switch Gear	"	600	600	600	600	194	203	32.3	33.8
	H K. V. Switch Gear	"	Not fixed	Not fixed	Not fixed	Not fixed	20	57	..	..
	Plastic Film Capacitors	Million Nos.	25	25	10	15	5.60	5.60	5.60	37.3
	Carbon Film Registers	"	50	50	20	20	11.42	17.94	57.1	89.7
	Other products	"	Not fixed	Not fixed	Not fixed	Not fixed	60	210	..	..

3.7.6. (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
5. Travancore Cements Ltd.*	White Cement	M.T.	50800	50800	30000	30000	36946	37867	123.2	126.2
6. Traco Cable Company Ltd.	Cement Paints A.A.C./AC.SR. P.V.C. Covered conductors and Bare Copper Conductors	" " Lakh crore Metres	6000 1500 329	6000 1500 329	600 1500 50	600 1500 50	454 859 27.11	556 851 24.44	75.7 57.3 54.2	92.7 56.7 48.9
7. Forest Industries (Travancore) Ltd.	Wooden Doors, Windows, Furniture etc.	Cum.	Not fixed	Not fixed	1500	1500	799	1156	53.3	77.1
8. Chalakudy Refractories Ltd.	Refractories	Tonnes	Not assessed	Not assessed	5000	5000	2077	1841	41.5	36.8
9. Pallathra Bricks and Tiles Ltd.	Sand Lime Bricks	Lakh Nos.	120	120	120	120	82.11	92	68.4	76.7
10. Travancore Sugars and Chemicals Ltd.,	Sugar	Tonnes	750 tonnes cane/day	750 tonnes cane/day	900 tonnes cane/day	900 tonnes cane/day	4363 tonnes (bagged)	3334 tonnes (bagged)	..	..
	Spirit	Proof Litres	2835315	2835315	2700000	2700300	2073311	1791546	76.8	66.3
	Arrack	"	1200000	1200000	..	..	3810870	2734686	..	..
	Indian made Fine Liquors	"	..	..	..	..	96913	65945	..	..
	Molasses	Tonnes	..	..	..	..	2883	2001	..	..

\* Calendar Year 1979 and 1980 respectively.

3.8 Khadi and Village Industries—Production, Sale, Employment and Wages during 1977-78 to 1981-82

Industry	Production Value (Rs. in lakhs)					Sales Value (Rs. in lakhs)				
	1977-78	1978-79	1979-80	1980-81	1981-82	1977-78	1978-79	1979-80	1980-81	1981-82
A. Khadi	65.00	64.12	80.40	100.30	158.81	80.78	79.60	111.38	109.80	250.11
B. Village Industries:										
1. Village Oil	89.50	99.27	132.28	174.97	500.58	93.65	103.02	130.31	186.86	489.12
2. Village Pottery	66.51	82.83	93.29	120.51	162.56	70.43	84.58	98.11	133.97	164.50
3. Fibre and Screw-pine	342.44	374.80	392.52	428.60	456.14	374.51	426.47	433.88	472.94	483.45
4. Blacksmithy and Carpentry	10.03	14.29	26.79	84.75	99.80	10.84	10.72	23.28	77.48	95.12
5. Handmade paper Industry	3.08	5.07	5.44	3.32	8.41	2.12	5.23	3.98	3.51	6.22
6. Gur Kandasari	74.96	66.57	68.36	124.53	142.09	86.02	76.08	78.12	131.97	146.15
7. Palmgur	6.29	41.50	61.94	63.86	66.74	6.44	42.02	69.34	70.38	71.08
8. Bee keeping	49.49	80.50	144.60	187.43	249.71	49.49	80.50	144.60	187.43	249.71
9. Village Leather	62.32	61.22	71.40	87.53	112.85	64.45	64.22	75.91	92.78	121.07
10. Lime Manufacturing	41.87	64.90	74.85	82.49	105.59	44.42	68.70	81.47	87.28	127.25
11. Non-edible oil and Soap	2.94	11.04	15.71	17.27	20.14	9.32	14.75	16.44	16.44	21.16
12. Cottage Match	13.23	14.57	66.78	95.87	127.50	13.83	15.68	74.94	98.30	128.21
13. Cane and Bamboo	14.65	21.33	25.87	30.09	35.72	14.55	19.94	26.89	31.94	40.97
14. Collection of Forest Plants (medicinal plants)	..	0.78	1.31	1.56	0.57	..	0.59	0.88	..	0.55
15. Processing of cereals & pulses	14.97	32.97	63.61	87.92	440.12	14.94	35.25	84.61	102.34	466.07
16. Fruit processing and preservation	6.40	0.30	4.62	3.81	6.11	9.15	0.25	3.80	3.70	7.17
17. Polyvashtra Industry	..	..	..	..	4.38	..	..	..	..	1.32
Total	863.73	1035.56	1329.77	1694.81	2697.82	944.13	1122.17	1456.25	1808.00	2824.23

Industry	Employment (Nos.)										
	Full-time					Part-time					
	1977-78 (12)	1978-79 (13)	1979-80 (14)	1980-81 (15)	1981-82 (16)	1977-78 (17)	1978-79 (18)	1979-80 (19)	1980-81 (20)	1981-82 (21)	
A. Khadi	5866	7046	9245	11576	14437	..	..	102	..	..	
B. Village Industries											
1. Village Oil	541	325	460	501	575	611	606	1045	1214	861	
2. Village Pottery	3743	5118	5716	5791	7374	360	516	414	209	314	
3. Fibre Screw-pine	50597	52324	51846	52398	52961	1190	969	1147	986	894	
4. Blacksmithy and Carpentry	132	218	198	797	1669	10	31	73	57	118	
5. Handmade paper Industry	126	117	107	210	246	52	63	123	..	..	
6. Gur Kandarari	1112	988	1040	1118	1272	614	579	591	660	783	
7. Palmgur	620	270	270	270	300	450	14960	14530	14210	16020	
8. Bee keeping	1250	1250	101	2750	3000	8328	17500	NA	11611	11737	
9. Village Leather	774	774	903	847	894	344	406	433	534	547	
10. Lime manufacturing	766	1403	1460	1884	1897	337	537	976	1085	620	
11. Non-edible oil and Soap	16	35	58	57	52	310	605	328	572	48	
12. Cottage Match	323	320	868	1434	2480	631	414	1320	2929	4169	
13. Cane and Bamboo	799	1237	1603	1897	2436	1617	1727	1495	1680	1967	
14. Collection of Forest plants (Medicinal plants)	..	1	5	5	3	..	268	200	344	97	
15. Processing of Cereals and Pulses	264	843	1278	2267	1752	38	5	494	138	1680	
16. Fruit processing and preservation	160	5	12	20	27	..	25	9	12	20	
17. Polyvashtra Industry	..	..	..	..	367	..	..	..	..	..	
Total	67089	72274	75070	83822	91742	14892	39221	23220	36241	39880	

## 3.8. (Contd.)

Industry	Total wages (Rs. in lakhs)																
	Casual																
(1)	1977-78	1978-79	1979-80	1980-81	1981-82	1977-78	1978-79	1979-80	1980-81	1981-82	1977-78	1978-79	1979-80	1980-81	1981-82		
(1)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(27)	(28)	(29)	(30)	(31)		
A. Khadi	--	--	--	--	--	36.71	37.70	53.12	73.42	109.34							
B. Village Industries																	
1. Village Oil	--	--	1500	1715	1258	6.36	4.97	12.62	13.46	15.19							
2. Village Pottery	--	--	--	--	--	40.51	56.50	72.37	88.41	114.65							
3. Fibre and screwpine	--	--	--	--	--	259.35	278.13	287.52	296.16	297.79							
4. Blacksmithy and Carpentry	--	--	--	--	--	1.68	2.86	5.69	26.71	31.27							
5. Handmade paper Industry	--	--	--	--	--	0.95	1.98	2.58	1.48	2.61							
6. Gur Kandasari	--	--	388	419	399	12.87	13.82	15.22	19.62	22.19							
7. Palmgur	97	--	550	750	740	1.17	37.85	39.20	42.80	46.40							
8. Bee keeping	--	--	NA	--	--	SelfEmployed	--	NA	187.43	249.71							
9. Village Leather	--	--	NA	NA	--	16.64	18.24	18.38	30.34	34.35							
10. Lime manufacturing	--	--	--	--	--	13.55	27.30	29.47	38.77	47.02							
11. Non-edible oil and Soap	2281	--	620	376	88	0.47	0.25	2.43	1.61	1.34							
12. Cottage Match	--	--	--	--	--	2.59	2.61	14.08	20.65	28.44							
13. Cane and Bamboo	--	--	--	--	--	7.24	11.23	13.99	17.51	22.69							
14. Collection of Forest Plants (Medicinal Plants)	--	--	200	NA	--	--	0.50	0.14	0.25	0.17							
15. Processing of Cereals and pulses	--	--	--	--	--	3.38	7.86	16.19	23.80	28.71							
16. Fruit Processing and preservation	--	--	7	5	23	--	--	0.31	0.47	0.08							
17. Polyvashtra Industry	--	--	--	--	--	--	--	--	--	2.61							
Total	2378	--	3265	3265	2503	403.47	500.80	583.31	882.89	1055.74							

### 3.9.1. Distribution of Coir producing units by number of days worked during 1980-81

Type of activity of the enterprises	Less than 60 days	60-120 days	120-180 days	180-240 days	240 days or more	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Retting	285	125	82	92	78	662
Defibering	78	441	740	538	311	2108
Spinning	3031	12612	17960	27573	26548	87724
Weaving	263	1132	967	473	190	3025
Other items of work	23	110	179	137	159	608
<b>Total</b>	<b>3680</b>	<b>14420</b>	<b>19928</b>	<b>28813</b>	<b>27286</b>	<b>94127</b>

Source : Report on survey on coir workers 1981.

### 3.9.2. Distribution of production units of Coir by type of Activity 1980-1981

District	Type of enterprises/units			No. of units according to type of activity					
	Factories	Small scale production units	Household own family units	Total	Retting	Beating etc.	Spinning	Weaving	Other items of work
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	17	183	2002	2202	25	20	2023	11	123
Quilon	158	953	6908	8019	13	113	7876	6	11
Alleppey	98	2147	60322	62367	114	1167	57945	2908	433
Kottayam	36	6	5793	5835	9	6	5794	17	9
Ernakulam	43	328	3542	3913	88	103	3645	71	6
Trichur	21	111	1796	1928	205	232	1482	2	7
Malappuram	14	78	3860	3952	44	129	3762	..	17
Kozhikode	48	332	3879	4259	122	196	3931	10	..
Cannanore	14	115	1323	1452	42	142	1266	..	2
<b>Kerala</b>	<b>449</b>	<b>4253</b>	<b>89425</b>	<b>94127</b>	<b>662</b>	<b>2108</b>	<b>87724</b>	<b>3025</b>	<b>608</b>

Source : Directorate of Economics and Statistics—Report on survey of Coir Workers.

### 3.10.1. Production of handloom cloth in Co-operative Sector and Private Sector (estimated) from 1975-76 to 1979-80

Year	Annual production—(Quantity in lakh metres)		
	Co-operative Sector	Private Sector	Total
(1)	(2)	(3)	(4)
1975-76	236	650	886
1976-77	219	607	819
1977-78	192	595	787
1978-79	234	580	814
1979-80	289	415	704

Source : Statistical Hand Book on Handloom Industry in Kerala.

### 3.10.2. District-wise production of handloom cloth in Co-operative Sector—1979-80.

District	Production	
	Quantity (metres in lakhs)	Value (Rs. in lakhs)
(1)	(2)	(3)
Trivandrum	73.50	324.64
Quilon	25.75	134.30
Alleppey	2.25	5.56
Kottayam	7.75	21.46
Idukki	0.25	0.66
Ernakulam	25.25	126.46
Trichur	10.00	33.78
Palghat	50.25	128.27
Malappuram	3.50	11.26
Kozhikode	25.00	131.74
Cannanore	68.50	361.38
<b>State</b>	<b>289.00</b>	<b>1279.51</b>

Source : Statistical Hand Book on Handloom Industries in Kerala.

**3.11 District-wise details of loan sanctioned, disbursed and outstanding in respect of loans advanced by Kerala Financial Corporation**

*Rs. in lakhs.*

District	As on 31-3-1980		As on 31-3-1981		As on 31-3-1982	
	No.	Amount	No.	Amount	No.	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>Trivandrum</b>						
Sanction	495	936.59	562	1035.77	595	1084.90
Disbursement	442	677.59	501	839.36	543	933.71
Outstanding	376	570.15	NA	NA	NA	NA
<b>Quilon</b>						
Sanction	580	750.27	623	887.16	649	905.08
Disbursement	496	511.58	549	58.52	579	663.51
Outstanding	414	444.17	NA	NA	NA	NA
<b>Alleppey</b>						
Sanction	329	826.37	361	882.00	374	894.42
Disbursement	256	512.56	285	576.51	302	604.18
Outstanding	219	455.67	NA	NA	NA	NA
<b>Kottayam</b>						
Sanction	286	579.81	336	725.45	349	750.88
Disbursement	244	414.94	278	496.90	308	565.89
Outstanding	205	383.88	NA	NA	NA	NA
<b>Idukki</b>						
Sanction	48	52.17	55	81.52	57	88.66
Disbursement	39	31.22	42	42.99	52	73.85
Outstanding	35	25.94	NA	NA	NA	NA
<b>Ernakulam</b>						
Sanction	1030	1709.30	1071	1892.58	1080	1967.18
Disbursement	592	1116.46	824	1276.47	861	1378.02
Outstanding	514	1038.05	NA	NA	NA	NA
<b>Trichur</b>						
Sanction	334	703.50	368	760.17	401	915.34
Disbursement	250	458.52	307	509.11	327	535.77
Outstanding	234	415.37	NA	NA	NA	NA
<b>Palghat</b>						
Sanction	103	186.47	137	282.40	167	297.42
Disbursement	69	125.57	123	167.75	141	206.38
Outstanding	68	115.19	NA	NA	NA	NA
<b>Malappuram</b>						
Sanction	201	354.70	201	354.36	210	360.56
Disbursement	165	236.53	178	262.88	184	273.65
Outstanding	162	263.61	NA	NA	NA	NA
<b>Kozhikode</b>						
Sanction	409	504.78	458	597.80	474	590.78
Disbursement	373	364.58	407	446.71	427	478.98
Outstanding	351	341.07	NA	NA	NA	NA
<b>Cannanore</b>						
Sanction	247	417.68	301	517.53	391	558.59
Disbursement	178	226.51	254	316.66	303	387.40
Outstanding	175	203.47	NA	NA	NA	NA
<b>Wynad</b>						
Sanction	..	..	..	..	3	3.79
Disbursement	..	..	..	..	2	0.44
Outstanding	..	..	..	..	NA	NA
<b>Mahe and other areas</b>						
Sanction	5	3.28	5	3.28	5	3.53
Disbursement	4	3.06	5	4.32	5	4.54
Outstanding	1	0.22	NA	NA	NA	NA
<b>State</b>						
Sanction	4067	7024.92	4498	8020.02	4695	8421.13
Disbursement	3117	4679.12	3753	5521.18	4035	6106.32
Outstanding	2754	4256.79	NA	NA	NA	NA

Source: Annual Report of Kerala Financial Corporation.



### 3.12. Corporations/Boards under the control of Government of Kerala

1. Kerala State Housing Board, Trivandrum.
2. Kerala Khadi and Village Industries Board, Trivandrum.
3. Kerala Artisans Development Corporation.
4. Kerala State Rural Development Board, Trivandrum.
5. Kerala Toddy Workers' Welfare Fund Board, Trivandrum.
6. Kerala State Electricity Board, Trivandrum.
7. Kerala Labour Welfare Fund Board, Trivandrum.
8. Kerala Livestock Development and Milk Marketing Board Ltd.
9. Kerala Agro Industries Corporation Ltd., Trivandrum.
10. Kerala State Bamboo Corporation Ltd. Angamaly.
11. Kerala State Cashew Development Corporation Ltd., Quilon.
12. Kerala Agro Machinery Corporation, Eranakulam.
13. Kerala State Civil Supplies Corporation Ltd., Ernakulam.
14. Kerala State Coconut Development Corporation Ltd., Trivandrum.
15. Kerala State Coir Corporation Ltd., Alleppey.
16. Kerala State Construction Corporation Ltd., Trivandrum.
17. Kerala State Development Corporation for SC/ST Ltd., Trichur.
18. Kerala State Electronics Development Corporation Ltd., Trivandrum.
19. Kerala State Small Industries Development and Employment Corporation Ltd., Trivandrum.
20. The State Farming Corporation of Kerala Ltd., Punalur.
21. Kerala State Film Development Corporation Ltd., Trivandrum.
22. Kerala Financial Corporation, Trivandrum.
23. Kerala Fishermen's Welfare Corporation Ltd., Trivandrum.
24. Kerala Fisheries Corporation Ltd., Cochin.
25. Kerala Inland Fisheries Corporation, Cochin.
26. Kerala Forest Development Corporation Ltd., Kottayam.
27. Kerala Handloom Finance and Trading Corporation Ltd., Cannanore.
28. Handicrafts Development Corporation of Kerala Ltd., Trivandrum.
29. Kerala State Industrial Products Trading Corporation Ltd., Trivandrum.
30. Kerala Inland Navigation Corporation Ltd, Cochin.
31. Pharmaceutical Corporation Ltd., Trichur.
32. Kerala Land Development Corporation, Trivandrum.
33. The Plantation Corporation of Kerala Ltd., Kottayam.
34. Kerala Shipping Corporation Ltd., Cochin.
35. Kerala State Textile Corporation, Ltd., Trivandrum.
36. Kerala Tourism Development Corporation, Trivandrum.
37. Kerala Urban Development Finance Corporation Ltd., Calicut.
38. Kerala State Ware Housing Corporation, Ernakulam.
39. Kerala State Handicapped persons' Welfare Corporation Ltd., Trivandrum.
40. Kerala State Industrial Enterprises Ltd., Trivandrum.
41. Kerala State Industrial Development Corporation Ltd., Trivandrum.
42. Kerala State Road Transport Corporation, Trivandrum.
43. Kerala State Development Corporation for the converted X'ians from SC/ST, Kottayam.

### 3.13. Public Enterprises in Kerala 1981-82

#### I. Modern Manufacturing & Development Industries

##### (i) Keltron group:

1. Kerala State Electronics Development Corporation Ltd.
2. Keltron Counters Ltd. (Subsidiary)
3. Dielectro Magnotics Ltd. "
4. Keltron Crystals Ltd. "
5. Keltron Magnotics Ltd. "
6. Keltron Resistors Ltd. "
7. Keltron Power Devices Ltd. "
8. Keltron Rectifiers Ltd. "

##### (ii) Kerala State Industrial Enterprises group:

9. Kerala State Industrial Enterprises Ltd.
10. Trivandrum Rubber works Ltd. (Subsidiary)
11. The Kerala Ceramics Ltd. "
12. Kerala Soaps & Oils Ltd. "
13. Travancore Plywood Industries Ltd. "
14. Kerala Electrical & Allied Engineering Co. Ltd. (Subsidiary)
15. Kerala State Drugs & Pharmaceuticals Ltd. "
16. Kerala State Detergents & Chemicals Ltd. "

- (iii) Iron & Steel:  
 17. Steel Complex Ltd. (Subsidiary)  
 18. Steel Industrials Kerala Ltd.
- (iv) Chemicals:  
 19. Travancore Titanium Products Ltd.  
 20. The Travancore Cochin-Chemicals Ltd.  
 21. The Kerala Minerals & Metals Ltd.  
 22. Malabar Cements Ltd.
- (v) Textiles:  
 23. Kerala State Textile Corporation Ltd. (Subsidiary)  
 24. Trivandrum Spinning Mills Ltd.  
 25. Kerala Garments Ltd. (Subsidiary)  
 26. Sitaram Textiles Ltd.
- (vi) Electrical & Cables:  
 27. The Metropolitan Engineering Company Ltd.  
 28. United Electrical Industries Ltd.  
 29. Traco Cable Company Ltd.
- (vii) Engineering:  
 30. Kerala Agro Machinery Corporation Ltd. (Subsidiary)  
 31. Scooters Kerala Ltd.  
 32. Astral Watches Ltd. (Subsidiary)  
 33. Kerala Automobiles Ltd.  
 34. SIDECO Mohan Tools Ltd. (Subsidiary)
- (viii) Ceramics & Refractories:  
 35. Pallathara Bricks & Tiles Ltd.  
 36. The Kerala Premo Pipe Factory Ltd.  
 37. The Chalakudy Refractories Ltd.
- (ix) Others:  
 38. The Pharmaceutical Corporation (IM) Kerala Ltd.

#### *II. Traditional Industries*

39. Kerala State Handloom Development Corporation Ltd.  
 40. Kerala State Handicrafts Development Corporation Ltd.  
 41. The Kerala State Coir Corporation Ltd.  
 42. The Kerala State Cashew Development Corporation Ltd.  
 43. Foam Mattings (India) Ltd.

#### *III. Agro Based Industries*

44. The Travancore Sugars & Chemicals Ltd.  
 45. The Plantation Corporation of Kerala Ltd.  
 46. Kerala State Bamboo Corporation Ltd.  
 47. The State Farming Corporation of Kerala Ltd.  
 48. Meat Products of India Ltd. (Subsidiary)  
 49. Kerala Forest Development Corporation Ltd.  
 50. Kerala State Coconut Development Corporation Ltd.  
 51. Kerala Livestock Development & Milk Marketing Board Ltd.  
 52. The Rehabilitation Plantations Ltd.  
 53. Oil Palm India Ltd. (Subsidiary)

#### *IV. Wood Based Industries*

54. Forest Industries (Travancore) Ltd.  
 55. Kerala State Engineering Works Ltd.  
 56. Kerala Wood Industries Ltd. (Subsidiary)

#### *V. Public Utilities*

57. Kerala State Electricity Board (Statutory)  
 58. Kerala State Road Transport Corporation (Statutory)  
 59. Kerala Shipping Corporation Ltd.  
 60. Kerala Inland Navigation Corporation Ltd.

#### *VI. Financing and Service Institutions*

61. Kerala State Industrial Development Corporation Ltd.  
 62. The Kerala State Financial Enterprises Ltd.  
 63. Kerala Urban Development Finance Corporation Ltd.  
 64. Kerala Tourism Development Corporation Ltd.

65. The Kerala Land Development Corporation Ltd.
66. Kerala State Small Industries Development & Employment Corporation Ltd.
67. Overseas Development and Employment Promotion Consultants Ltd.
68. Kerala Financial Corporation (Statutory)

*VII. Trading and Infrastructural Development Institutions*

69. The Kerala Fisheries Corporation Ltd.
70. The Kerala Agro Industries Corporation Ltd.
71. The Kerala State Civil Supplies Corporation Ltd.
72. The Kerala State Construction Corporation Ltd.
73. Kerala State Film Development Corporation Ltd.
74. Kerala State Industrial Products Trading Corporation Ltd.
75. Kerala Inland Fisheries Development Corporation Ltd.

*VIII. Institutions for Development of Weaker Sections*

76. The Kerala State Development Corporation for Scheduled Castes & Scheduled Tribes Ltd.
77. Kerala Fishermen's Welfare Corporation Ltd.
78. The Kerala State Handicapped Persons Welfare Corporation Ltd.
79. Kerala State Development Corporation for Christian converts from Scheduled Castes & Recommended Communities Ltd.
80. Kerala Artisans' Development Corporation Ltd.

*IX. Other Statutory Corporations:*

81. Kerala Khadi & Village Industries Board
82. Kerala State Warehousing Corporation
83. Kerala State Housing Board.
84. Kerala State Rural Development Board.

### 3.14. Annual Index of Industrial Production in Kerala

(Base : 1970 = 100)

Code	Items	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81
	GENERAL INDEX (Annual)	121.07	130.87	139.22	154.21	160.74	187.10
20-21	Manufacture of food products	104.09	101.39	92.24	88.07	88.46	166.10
23	Manufacture of cotton textiles	106.29	84.40	81.78	91.65	102.87	116.99
24	Manufacture of wool, silk and synthetic fibre textiles	92.90	236.01	155.67	203.60	192.16	164.73
26	Manufacture of textile products (including wearing apparel other than footwear)	38.86	44.52	62.03	56.22	63.25	58.75
27	Manufacture of wood, wood products, furniture and fixtures	113.00	139.20	128.07	143.15	127.26	130.02
28	Manufacture of paper and paper products	93.18	93.22	58.96	70.65	92.38	97.81
30	Manufacture of rubber, plastic petroleum and coal products	143.36	162.02	171.74	183.02	185.90	174.42
31	Manufacture of chemicals and chemical products (except products of petroleum and coal)	131.77	142.53	157.30	183.02	191.18	231.47
32	Manufacture of non-metallic mineral products	191.06	168.14	160.54	189.07	247.18	297.10
33	Basic metals and alloys industries	112.05	114.59	126.18	130.94	139.67	172.40
34	Manufacture of metal products and part except machinery and transport equipment	63.69	118.71	74.75	274.73	337.40	364.55
35	Manufacture of machinery, machine tools and parts (except electrical machinery)	132.25	95.54	91.07	136.61	59.82	177.68
36	Manufacture of electrical machinery, apparatus, appliances and supplies and parts	166.27	99.24	93.14	63.80	60.92	116.62
37	Manufacture of transport equipments and parts	41.85	150.18	61.56	63.31	126.92	190.26
38	Other manufacturing industries	94.66	53.52	69.85	101.72	136.32	148.77
40	Electricity	145.44	162.62	234.35	266.54	262.87	269.68

Source: Directorate of Economics & Statistics.

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#### **IV. LABOUR AND WAGES**



## IV. LABOUR AND WAGES

## 4.1. Number of working factories registered under the Factories Act and Average daily Employment therein under different sections (employment in '000)

Year	Factories defined under Sections								Grand Total	
	2 m (i)		2 m (ii)		85 (P)		85 (NP)		Number	Employment
	Number	Employment	Number	Employment	Number	Employment	Number	Employment		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1960	1253	91	497	70	409	3	241	3	2400	167
1970	1785	148	343	51	724	4	188	2	3040	205
1978	2160	179	250	59	4189	24	1185	10	7784	272
1979	2348	195	269	63	4645	26	1229	11	8491	295
1980	2476	202	260	59	5095	28	1275	11	9106	300
1981	2577	205	262	60	5040	27	1220	11	9099	303

Note: 2 m (i) —Factories employing 10 or more workers on any day during the year and working with the aid of power.  
 2 m (ii) —Factories employing 20 or more workers on any day during the year and working without the aid of power.  
 85 (P) —Factories employing less than 10 workers on any day during the year and working with the aid of power.  
 85 (NP) —Factories employing less than 20 workers on any day during the year and working without the aid of power.

Source: Directorate of Economics and Statistics.

## 4.2.1. Number of Registered working Factories and Employment therein classified into 2m (i), 2m (ii), 85 (P) and 85 (NP)—District-wise—1979

District	2m (i)		2m (ii)		85 (P)		85 (NP)		Total	
	No.	Employment	No.	Employment	No.	Employment	No.	Employment	No.	Employment
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Trivandrum	116	14914	12	2708	151	843	45	337	324	13802
Quilon	298	69083	128	54616	361	2128	50	486	837	126313
Alleppey	135	13439	24	623	265	1258	146	1474	570	16794
Kottayam	134	5386	2	31	443	2536	60	363	639	8316
Idukki	91	4430	1	18	29	176	2	11	123	4635
Ernakulam	404	33079	9	402	944	5523	79	588	1436	39592
Trichur	344	17080	7	1108	579	3172	40	293	970	21653
Palghat	219	7769	6	99	639	3537	44	277	908	11682
Malappuram	52	2228	..	..	121	623	11	74	184	2925
Wynad	..	..	..	..	..	..	..	..	..	..
Kozhikode	344	16634	15	827	575	3336	255	2137	1189	22934
Cannanore	211	10792	65	2640	538	3233	497	5191	1311	21856
State	2348	194834	269	63072	4645	26365	1229	11231	8491	295502

Source: Directorate of Economics and Statistics.

## 4.2.2. Number of Registered working Factories and Employment therein classified into 2m (i), 2m (ii), 85 (P) and 85 (NP)—District-wise—1980

District	2m (i)		2m (ii)		85 (P)		85 (NP)		Total	
	No.	Employment	No.	Employment	No.	Employment	No.	Employment	No.	Employment
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Trivandrum	129	15542	12	2877	170	961	50	389	361	19769
Quilon	311	71015	120	50600	411	2435	59	574	901	124624
Alleppey	149	14315	24	632	296	1374	156	1487	625	17808
Kottayam	145	5591	3	46	491	2737	58	352	697	8726
Idukki	92	4559	..	..	31	165	2	10	125	4734
Ernakulam	430	33755	9	424	1045	6054	80	587	1564	40320
Trichur	344	17548	7	925	608	3095	42	285	1001	21853
Palghat	234	8039	6	101	658	3488	44	281	942	11909
Malappuram	59	2615	..	..	170	885	11	75	240	3575
Kozhikode	361	17381	13	817	599	3481	262	2208	1235	23887
Wynad	..	..	..	..	..	..	..	..	..	..
Cannanore	222	11131	66	2718	616	3716	511	5195	1415	22810
State	2476	201541	260	59140	5095	28391	1275	11443	9106	300515

Source: Directorate of Economics and Statistics.

**4.2.3. Number of Registered Factories and Employment therein classified into 2m (i), 2m (ii), 85 (P) and 85 (NP)—District-wise—1981**

District	2m (i)		2m (ii)		85 (P)		85 (NP)		Total	
	No.	Employment	No.	Employment	No.	Employment	No.	Employment	No.	Employment
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Trivandrum	138	16324	12	2851	176	976	45	349	371	20500
Quilon	323	69621	124	51273	389	2158	47	455	883	123507
Alleppey	157	14046	20	472	286	1319	141	1287	604	17124
Kottayam	167	6550	3	63	447	2551	52	286	669	9450
Idukki	91	4290	..	..	67	343	1	8	159	4641
Ernakulam	448	36165	9	388	1030	5788	80	586	1567	42927
Trichur	352	18224	7	1023	595	2985	47	290	1001	22522
Palghat	235	8269	6	100	620	3275	46	345	907	11989
Malappuram	68	2612	..	..	252	1302	20	145	340	4059
Kozhikode	370	17995	15	1155	557	3046	233	1951	1175	24147
Wynad	..	..	..	..	..	..	..	..	..	..
Cannanore	228	11269	66	2738	621	3649	508	5066	1423	22722
State	2577	205365	262	60063	5040	27392	1220	10768	9099	303588

Source: Directorate of Economics and Statistics.

**4.3. Percentage distribution of Employed persons by hours at work in Kerala**

Weekly hours at work	1978						1979					
	2m Section			85 Section			2m Section			85 Section		
	Male	Female	Persons	Male	Female	Persons	Male	Female	Persons	Male	Female	Persons
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
42 and below	2.07	0.77	1.38	10.86	10.56	10.82	2.76	1.34	1.99	7.96	7.18	7.87
43-45	25.40	5.48	14.72	2.82	1.65	2.68	19.61	2.02	10.12	3.90	2.56	3.74
46-48	72.21	93.73	83.74	85.16	86.83	85.36	75.82	96.47	36.96	87.11	88.55	87.28
Above 48	0.32	0.02	0.16	1.16	0.96	1.14	1.81	0.17	0.93	1.03	1.71	1.11
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

**4.3.(Contd.)**

Weekly hours at work	1980						1981					
	2m Section			85 Section			2m Section			85 Section		
	Male	Female	Persons	Male	Female	Persons	Male	Female	Persons	Male	Female	Persons
(1)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
42 and below	3.19	1.36	2.27	11.30	10.33	11.19	4.03	0.73	2.39	12.07	9.95	11.84
43-45	14.71	2.91	8.75	4.04	1.51	3.75	24.95	1.54	13.35	3.81	3.57	3.78
46-48	78.26	95.65	87.04	83.33	86.91	83.74	69.48	97.58	83.41	82.73	86.48	83.18
Above 48	3.84	0.08	1.94	1.33	1.25	1.32	1.54	0.15	0.85	1.39	..	1.24
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.04

Source: Directorate of Economics and Statistics.

**4.4. Per capita average daily earnings of Factory workers under the payment of Wages Act, 1936—Kerala (in respect of persons' earning Rs. 400/1000 per month)**

Industry	1960	1970	1978	1979	1980	1981
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rice mill	1.68	5.05	8.04	8.92	12.67	12.08
Sugar	..	9.05	25.16	19.59	19.31	25.63
Edible oils	2.68	4.90	10.12	11.50	14.41	14.81
Tea Factories	2.41	4.12	12.03	11.43	14.61	17.40
Cashew factories	1.25	3.35	9.35	8.56	9.88	12.08
Cotton textiles	3.13	7.12	7.93	19.25	21.35	23.13
Coir	2.63	7.55	13.89	15.35	16.78	19.09



## 4.4 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Umbrellas	2.45	6.20	13.45	12.60	11.95	11.48
Saw mills	2.97	5.78	11.12	11.93	13.93	12.67
Plywood	2.65	7.27	18.08	8.79	9.25	9.73
Splints and Veeners	1.44	2.86	9.71			
Furniture and Fixtures	3.11	9.36	15.69	15.56	18.90	22.18
Printing and Publishing	3.49	10.24	12.94	18.64	18.92	23.33
Tyres and Tubes	3.87	18.22*	21.92	19.18	19.67	27.34
Rubber	2.80	6.97	10.89	18.48	18.68	18.45
Artificial Manures	4.26	4.99	28.11	20.68	37.00	25.13
Pharmaceuticals	3.73	6.56	23.29	21.45	23.72	27.32
Matches	2.43	2.10	4.12	5.73	8.03	7.91
Soaps	7.77	10.25	17.00	29.38	26.94	33.41
Bricks and Tiles	2.58	5.12	11.95	14.95	16.19	20.76
Pottery China and Earthenware	2.94	7.08	16.39	14.10	17.45	20.42
Metal Products	3.13	7.44	23.37	18.40	20.32	23.43
General Jobbing Engineering	4.93	7.21	13.56	14.79	18.44	20.46
Electrical Machinery	3.94	9.87	18.01	23.27	25.94	29.40
Repair of Motor Vehicles	3.58	10.06	18.32	25.23	31.32	26.90
Sanitary Services	Nil	10.29	..	..	..	10.00

\*High rate due to the payment of a large amount of bonus.

## 4.5. Industrial disputes resulting in work stoppages by selected Industries in Kerala

Year	Plantations			Textiles			Coir			Saw mills		
	A	B	C	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1960	25	8036	30	14	2926	33	1	101	1	6	318	2
1970	37	16735	84	6	836	4	3	70	5	12	640	4
1978	32	29407	644	13	7940	671	6	3296	29	1	12	..
1979	18	14783	351	20	12633	279	3	70244	1269	4	4143	66
1980	9	11918	284	11	5882	176	..	..	..	2	35	1
1981	15	20745	678	20	11369	804	1	75	12	6	3058	55
1982	27	131346	895	20	9688	741	1	66	..	5	1606	41

## 4.5 (Contd.)

Year	Files			Cashew			Others			Total		
	A	B	C	A	B	C	A	B	C	A	B	C
(1)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
1960	40	3614	98	140	139046	264	48	5026	42	274	159067	476
1970	26	4397	40	1	820	1	188	49750	533	273	73248	671
1978	14	8760	215	4	2182	62	61	13879	487	131	65476	2108
1979	8	428	10	5	23824	961	62	27495	617	120	153550	3553
1980	4	161	7	..	..	..	77	55773	963	103	73769	1431
1981	2	60	3	..	..	..	54	12169	619	98	47476	2171
1982	4	3088	306	1	128	..	60	25721	443	118	171643	2426

Note: A—No. of disputes. B—Workers affected. C—Mandays lost (in thousands)

Source: Directorate of Economics and Statistics.

## 4.6.1. Industry-wise distribution of work stoppages in Kerala by causes (1979)

Industry	Wages	Bonus	Personnel	Working conditions	Retrenchment	Others	Total No. of disputes
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Plantations	..	11	..	..	1	6	18
Cashew	..	1	..	..	..	4	5
Textiles	9	3	3	2	..	3	20
Coir	2	1	..	..	..	..	3
Saw mills	2	1	..	..	..	1	4
Tiles	2	..	..	..	..	6	8
Miscellaneous	19	8	11	..	4	20	62
Total	34	25	14	2	5	40	120

Source: Directorate of Economics and Statistics.

#### 4.6.2. Industry-wise distribution of work stoppages in Kerala by causes—1980

Industry	Wages	Bonus	Personnel	Working conditions	Retrenchment	Others	Total No. of disputes
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Plantation	3	2	2	..	..	2	9
Cashew	..	..	..	..	..	..	..
Textiles	3	..	5	..	..	3	11
Coir	..	..	..	..	..	..	..
Saw mills	2	..	..	..	..	..	2
Tiles	2	1	..	1	..	..	4
Miscellaneous	38	5	21	1	4	8	77
<b>Total</b>	<b>48</b>	<b>8</b>	<b>28</b>	<b>2</b>	<b>4</b>	<b>13</b>	<b>103</b>

Source: Directorate of Economics and Statistics.

#### 4.6.3. Industry-wise distribution of work stoppages in Kerala by causes—1981

Industry	Wages	Bonus	Personnel	Working conditions	Retrenchment	Others	Total No. of disputes
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Plantation	7	4	1	..	..	3	15
Cashew	..	..	..	..	..	..	..
Textiles	2	7	5	1	..	5	20
Coir	1	..	..	..	..	..	1
Saw mills	2	..	1	..	..	3	6
Tiles	..	..	..	..	..	2	2
Miscellaneous	28	7	11	..	..	8	54
<b>Total</b>	<b>40</b>	<b>18</b>	<b>18</b>	<b>1</b>	<b>..</b>	<b>21</b>	<b>98</b>

Source: Directorate of Economics and Statistics.

#### 4.6.4. Industry-wise distribution of work stoppages in Kerala by causes—1982

Industry	Wages	Bonus	Personnel	Working conditions	Retrenchment	Others	Total No. of disputes
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Plantation	13	3	3	..	..	8	27
Cashew	..	..	..	..	..	1	1
Textiles	2	7	4	1	..	6	20
Coir	..	..	..	..	..	1	1
Saw mills	2	..	..	..	..	3	5
Tiles	1	2	..	..	..	1	4
Miscellaneous	19	7	16	1	..	17	60
<b>Total</b>	<b>37</b>	<b>19</b>	<b>23</b>	<b>2</b>	<b>..</b>	<b>37</b>	<b>118</b>

Source: Directorate of Economics and Statistics.

#### 4.7. Statistics of Maternity Benefit in respect of Factories in Kerala covered by the Maternity Benefit Act 1961

Year	Number of Establishment		Average daily No. of women employed in establishments 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 submitted annual returns			
(1)	(2)	(3)	(4)	(5)	(6)
1961	877	428	51476	5689	5289
1970	948	737	53684	3245	3148
1978	781	541	39361	950	940
1979	1013	317	9292	364	355
1980	1176	817	88906	452	435
1981	1095	629	88297	715	465

Source: Directorate of Economics and Statistics.

4.8. Statistics of Maternity Benefits in respect of Plantations in Kerala covered by the Maternity Benefit Act 1961

Year	No. of establishment		Average daily number of women employed in Establishment which submitted returns	No. of women who claimed maternity benefits	No. of claims accepted and paid either fully or partly
	Covered by the Maternity Benefit Act	Which submitted annual returns			
(1)	(2)	(3)	(4)	(5)	(6)
1961	405	250	42673	7908	7908
1970	454	170	20850	6536	6536
1978	473	361	42583	15821	15821
1979	332	298	40532	6537	6537
1980	475	344	52648	6059	5862
1981	484	362	54618	6811	6720
1982	473	279	41152	5377	53211

Source: Directorate of Economics and Statistics.

4.9.1. Average daily wage rates of skilled labour in the construction sector (Urban)

(In Rupees)

District	Carpenter (1st Class)					Mason (1st Class)						
	1965-66	1970-71	1978-79	1979-80	1980-81	1981-82	1965-66	1970-71	1978-79	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	4.90	8.52	14.75	16.29	18.70	22.48	5.30	8.56	14.93	16.79	18.78	22.78
Quilon	4.84	9.13	16.00	18.00	19.75	23.28	5.00	9.11	16.60	18.00	19.95	23.43
Alleppey	5.25	8.90	15.38	17.35	19.07	23.55	5.60	8.89	15.38	17.35	19.15	22.68
Kottayam	5.15	9.02	14.93	17.25	19.50	23.28	5.65	8.89	15.04	17.35	19.62	23.20
Idukki	..	..	15.50	17.67	19.65	23.33	..	..	15.75	18.00	19.83	23.15
Ernakulam	5.64	8.84	15.25	17.50	18.50	21.58	5.85	8.97	15.25	17.50	18.50	21.60
Trichur	6.30	8.68	16.43	17.60	19.19	22.85	7.75	9.24	16.40	17.60	19.87	23.94
Palghat	6.20	7.04	13.75	14.55	16.80	19.38	4.79	7.18	13.25	14.25	16.65	19.88
Malappuram	..	..	16.18	17.25	13.97	23.06	..	..	16.48	17.26	18.98	22.84
Kozhikode	5.44	8.73	17.55	19.40	21.40	24.75	5.34	8.94	17.60	19.40	21.45	24.75
Wynad	..	..	17.00	18.78	21.14	25.00	..	..	16.38	18.15	20.81	24.75
Cannanore	6.15	8.80	17.00	18.78	21.14	25.00	5.40	8.81	16.38	18.15	20.81	24.75
State	5.54	8.63	15.70	17.42	19.33	22.87	5.41	8.73	15.68	17.42	19.36	23.01

Source: Directorate of Economics and Statistics.

## 4.9.2. Average daily wage rates of Unskilled labour in the construction sector—Urban

(In Rupees)

District	Male										Female			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
	1965-66	1970-71	1978-79	1979-80	1980-81	1981-82	1981-82	1965-66	1970-71	1978-79	1979-80	1980-81	1981-82	
Trivandrum	3.10	5.18	9.15	10.57	12.42	16.10	16.10	1.75	4.10	8.19	9.45	10.85	11.20	
Quilon	2.43	5.25	9.04	11.02	13.20	15.25	15.25	2.00	4.00	8.00	9.32	10.82	12.88	
Alleppey	3.15	5.61	10.78	12.35	13.60	16.00	16.00	2.85	4.38	8.35	9.87	11.70	13.85	
Kottayam	3.30	5.64	10.04	10.75	12.52	14.40	14.40	3.10	4.00	7.95	8.79	10.64	12.08	
Idukki	..	..	10.42	11.72	13.41	17.01	17.01	..	..	8.25	9.23	10.03	13.24	
Ernakulam	3.06	6.80	12.03	12.50	13.12	15.43	15.43	2.52	4.60	8.88	9.50	9.75	10.88	
Trichur	3.50	5.97	10.63	11.15	12.63	16.25	16.25	2.48	3.69	7.71	8.15	9.60	10.88	
Palghat	2.51	4.05	7.89	8.20	9.65	12.20	12.20	1.45	2.66	5.84	6.08	7.01	9.15	
Malappuram	..	..	10.33	10.77	12.36	15.97	15.97	..	..	8.10	8.36	9.98	11.69	
Kozhikode	3.97	6.30	12.20	13.97	15.80	18.50	18.50	2.70	3.99	8.15	9.52	11.37	13.50	
Wynad	..	..	..	..	..	..	..	..	..	..	..	..	..	
Cannanore	4.80	6.61	11.63	12.95	14.85	18.25	18.25	2.82	3.88	7.55	9.12	10.67	13.50	
State	3.31	5.71	10.42	11.43	13.07	15.94	15.94	2.41	3.92	7.91	8.85	10.22	12.22	

Source: Directorate of Economics and Statistics.

## 4.10.1. Average daily wage rates of skilled labour in the construction sector (Rural)

(In Rupees)

District	Carpenter (1st Class)										Mason (1st Class)			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
	1970-71	1977-78	1978-79	1979-80	1980-81	1981-82	1981-82	1970-71	1977-78	1978-79	1979-80	1980-81	1981-82	
Trivandrum	8.25	14.45	14.81	16.37	18.36	22.28	22.28	8.48	14.84	15.67	17.25	19.16	22.95	
Quilon	8.84	15.42	16.00	17.36	19.33	23.14	23.14	8.75	15.42	16.02	17.36	19.50	23.14	
Alleppey	8.71	14.97	15.00	16.58	18.48	22.36	22.36	8.60	14.95	15.00	16.64	18.59	22.47	
Kottayam	8.00	14.92	15.08	16.75	18.72	22.64	22.64	..	14.86	15.17	16.75	18.72	22.64	
Idukki	..	15.00	15.63	17.35	19.41	23.42	23.42	..	..	15.89	17.37	19.64	23.47	
Ernakulam	8.30	15.00	15.25	17.00	18.50	21.56	21.56	8.00	15.00	15.25	17.00	18.50	22.50	
Trichur	8.08	15.16	15.92	17.25	19.33	23.38	23.38	8.19	15.25	16.17	17.45	19.45	23.45	
Palghat	6.91	12.06	12.47	13.64	15.77	19.90	19.90	7.03	12.36	12.64	13.81	16.11	19.96	
Malappuram	..	14.73	15.41	16.03	17.88	21.69	21.69	..	14.80	15.44	15.78	17.67	21.62	
Kozhikode	8.33	16.19	16.99	18.40	20.47	24.39	24.39	8.30	15.81	16.49	18.28	20.25	24.25	
Cannanore	8.28	15.00	15.00	16.50	18.96	22.92	22.92	8.33	15.33	15.33	16.67	18.89	22.86	
State	8.19	14.81	15.23	16.66	18.66	22.52	22.52	8.20	14.88	15.37	16.76	18.75	22.66	

Source: Directorate of Economics and Statistics.

4.10.2. Average daily wage rates of unskilled labour in the construction sector (Rural)

(In Rupees)

District	Men										Women				
	1970-71	1977-78	1978-79	1979-80	1980-81	1981-82	1970-71	1977-78	1978-79	1979-80	1980-81	1981-82			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)			
Trivandrum	5.00	9.19	9.78	11.39	12.19	16.42	4.00	7.89	8.36	9.42	10.89	11.80			
Quilon	4.78	9.34	9.56	10.42	11.94	14.64	3.93	7.66	7.83	8.67	10.25	12.64			
Alleppey	5.32	9.14	9.78	10.75	12.72	15.33	4.08	7.22	7.59	8.22	9.89	12.59			
Kottayam	5.18	9.29	9.51	10.47	12.36	14.17	4.00	7.44	7.77	8.49	10.44	11.92			
Idukki	..	8.63	9.54	10.26	12.45	13.69	..	7.06	7.66	8.38	9.62	11.13			
Ernakulam	5.00	9.78	9.97	10.11	12.50	14.75	4.08	6.97	7.30	7.50	8.50	10.61			
Trichur	5.00	9.93	10.50	11.00	12.63	16.07	3.37	6.19	6.75	7.31	9.16	12.37			
Palghat	4.70	7.76	8.14	8.43	9.22	11.52	2.64	5.17	5.33	6.14	6.71	7.8			
Malappuram	..	8.92	9.28	9.67	11.47	15.56	..	6.55	6.95	7.25	9.03	10.57			
Kozhikode	6.22	10.50	11.62	13.45	15.33	18.22	3.70	7.50	7.95	9.44	11.53	12.89			
Cannanore	6.60	10.72	10.75	12.00	13.50	17.00	3.29	7.03	7.08	8.20	9.78	12.00			
State	5.40	9.38	9.86	10.72	12.30	15.22	3.68	7.00	7.32	8.09	9.62	11.40			

Source : Directorate of Economics & Statistics.

4.11.1. Average monthly wage rates of Shop Assistants in the trade and commerce sector (whole-sale) Urban

(In Rupees)

District	1978-79			1979-80			1980-81			1981-82		
	A	B	C	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	276	378	333	286	403	370	302	416	381	314	448	406
Quilon	270	325	268	286	350	284	308	373	288	339	393	293
Alleppey	267	381	271	274	583	277	279	593	297	295	599	321
Kottayam	422	419	329	428	460	344	435	474	356	465	488	371
Idukki	340	322	333	349	330	350	354	348	363	357	358	373
Ernakulam	292	404	296	306	414	304	335	429	306	365	455	322
Trichur	310	405	314	314	419	..	333	430	..	362	450	..
Palghat	258	273	217	274	294	220	295	298	228	315	315	250
Malappuram	..	..	..	..	..	..	..	..	..	..	..	..
Kozhikode	277	386	..	296	397	..	326	404	..	344	414	280
Cannanore	303	370	349	308	374	369	322	393	378	341	408	400
State	302	386	301	312	402	315	329	416	325	350	433	335

A—Wholesale Trade in Food grains and provision. B—Textiles. C—Metal and Metal products.

Source : Directorate of Economics & Statistics.

**4.11.2. Average monthly wage rates of shop attenders in the Trade and Commerce Sector (whole-sale) Urban**

(In Rupees)

District	1978-79			1979-80			1980-81			1981-82		
	A	B	C	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	226	261	211	273	289	231	292	314	252	313	336	275
Quilon	203	263	187	209	284	195	228	310	213	258	339	245
Alleppey	194	307	201	222	326	212	232	340	231	244	363	256
Kottayam	283	274	233	311	291	259	341	314	262	377	345	300
Idukki	210	248	208	213	259	232	240	272	241	250	295	267
Ernakulam	256	266	218	266	283	225	283	305	231	320	325	247
Trichur	240	307	247	257	323	255	266	336	262	300	353	301
Palghat	208	229	197	217	254	200	229	268	202	240	301	214
Malappuram	..	..	190	..	..	201	..	..	332	..	..	262
Kozhikode	224	341	218	254	375	243	273	383	248	305	392	266
Cannanore	231	259	251	238	287	271	248	302	285	265	338	300
State	228	276	215	246	297	229	263	314	342	287	339	267

Source : Directorate of Economics &amp; Statistics.

**4.12.1. Average daily wage rates of carpenter (Agriculture Sector)**

(In Rupees)

District	1969-61	1970-71	1978-79	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	2.29	7.00	12.58	15.65	19.83	21.85
Quilon	3.16	7.56	15.13	17.94	20.46	22.50
Alleppey	2.66	8.00	15.08	17.67	20.75	23.08
Kottayam	3.27	7.63	14.29	16.33	20.60	23.29
Idukki	..	..	..	..	..	..
Ernakulam	..	8.25	14.21	16.29	20.00	23.29
Trichur	3.32	8.37	15.00	15.00	19.10	23.27
Palghat	2.48	6.02	12.00	13.04	18.21	20.00
Malappuram	..	..	15.04	16.33	19.29	21.46
Kozhikode	3.28	7.45	14.75	18.00	20.27	22.94
Wynad	..	..	..	..	..	..
Cannanore	3.54	7.36	15.52	17.00	19.71	22.56
State	3.00	7.51	14.40	16.23	19.82	22.42

Source : Directorate of Economics and Statistics.

**4.12.2. Average daily wage rates of Mason (Agriculture Sector)**

(In Rupees)

District	Mason					
	1960-61	1970-71	1978-79	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	3.26	7.00	12.67	15.58	19.88	21.92
Quilon	3.28	8.00	15.13	17.73	20.05	22.58
Alleppey	3.50	8.00	15.08	16.67	20.75	23.08
Kottayam	3.27	7.67	14.78	16.33	20.56	23.29
Idukki	..	..	..	..	..	..
Ernakulam	..	8.27	14.21	16.29	20.00	23.29
Trichur	3.03	7.90	15.00	15.00	19.08	23.25
Palghat	2.43	6.02	12.00	13.04	18.21	20.00
Malappuram	..	Nil	15.04	16.33	19.29	22.04
Kozhikode	3.26	7.01	14.50	17.38	20.23	22.98
Wynad	..	..	..	..	..	..
Cannanore	3.55	7.46	15.50	17.00	19.71	22.58
State	3.20	7.48	14.39	16.14	19.78	22.50

Source : Directorate of Economics &amp; Statistics.

## 4.12.3. Average daily wage rates of paddy field Labour (Male)

(In Rs.)

District	1960-61	1970-71	1978-79	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	1.59	4.74	8.00	8.90	11.04	12.83
Quilon	1.80	4.47	8.46	10.04	11.96	13.88
Alleppey	1.78	5.43	8.05	8.53	11.68	12.92
Kottayam	1.71	5.04	7.25	7.40	8.31	10.92
Idukki	..	..	..	..	..	..
Ernakulam	..	5.83	9.79	10.25	10.73	12.50
Trichur	1.97	5.62	8.88	10.09	12.46	14.40
Palghat	1.45	4.05	6.75	7.15	8.08	9.08
Malappuram	..	..	10.00	10.00	11.54	13.31
Kozhikode	2.05	4.39	9.71	10.17	11.40	12.98
Wynad	..	..	..	..	..	..
Cannanore	2.48	6.23	12.96	13.25	14.08	14.50
State	1.85	5.09	8.99	9.58	11.13	12.74

Source : Directorate of Economics and Statistics.

## 4.12.4. Average daily wage rates of paddy field labour (Female)

(In Rs.)

District	1978-79	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)
Trivandrum	6.58	7.71	9.38	10.00
Quilon	6.50	6.96	8.29	10.00
Alleppey	6.38	6.58	7.67	8.50
Kottayam	5.25	5.40	6.93	8.13
Idukki	..	..	..	..
Ernakulam	6.25	6.50	7.90	8.50
Trichur	5.80	6.96	8.38	9.27
Palghat	5.75	5.77	6.08	6.96
Malappuram	6.81	7.17	7.99	8.71
Kozhikode	7.21	7.83	9.35	10.21
Wynad	..	..	..	..
Cannanore	6.04	5.88	7.14	8.00
State	6.26	6.68	7.91	8.83

Source : Directorate of Economics and Statistics.

Table 1. Summary of the study

Year	Sample Size	Age Range	Gender	Location
1998	100	18-25	50M/50F	Urban
2000	100	18-25	50M/50F	Urban
2002	100	18-25	50M/50F	Urban
2004	100	18-25	50M/50F	Urban
2006	100	18-25	50M/50F	Urban
2008	100	18-25	50M/50F	Urban
2010	100	18-25	50M/50F	Urban
2012	100	18-25	50M/50F	Urban
2014	100	18-25	50M/50F	Urban
2016	100	18-25	50M/50F	Urban
2018	100	18-25	50M/50F	Urban
2020	100	18-25	50M/50F	Urban
2022	100	18-25	50M/50F	Urban
2024	100	18-25	50M/50F	Urban
2026	100	18-25	50M/50F	Urban
2028	100	18-25	50M/50F	Urban
2030	100	18-25	50M/50F	Urban
2032	100	18-25	50M/50F	Urban
2034	100	18-25	50M/50F	Urban
2036	100	18-25	50M/50F	Urban
2038	100	18-25	50M/50F	Urban
2040	100	18-25	50M/50F	Urban
2042	100	18-25	50M/50F	Urban
2044	100	18-25	50M/50F	Urban
2046	100	18-25	50M/50F	Urban
2048	100	18-25	50M/50F	Urban
2050	100	18-25	50M/50F	Urban
2052	100	18-25	50M/50F	Urban
2054	100	18-25	50M/50F	Urban
2056	100	18-25	50M/50F	Urban
2058	100	18-25	50M/50F	Urban
2060	100	18-25	50M/50F	Urban
2062	100	18-25	50M/50F	Urban
2064	100	18-25	50M/50F	Urban
2066	100	18-25	50M/50F	Urban
2068	100	18-25	50M/50F	Urban
2070	100	18-25	50M/50F	Urban
2072	100	18-25	50M/50F	Urban
2074	100	18-25	50M/50F	Urban
2076	100	18-25	50M/50F	Urban
2078	100	18-25	50M/50F	Urban
2080	100	18-25	50M/50F	Urban
2082	100	18-25	50M/50F	Urban
2084	100	18-25	50M/50F	Urban
2086	100	18-25	50M/50F	Urban
2088	100	18-25	50M/50F	Urban
2090	100	18-25	50M/50F	Urban
2092	100	18-25	50M/50F	Urban
2094	100	18-25	50M/50F	Urban
2096	100	18-25	50M/50F	Urban
2098	100	18-25	50M/50F	Urban
2100	100	18-25	50M/50F	Urban



## V. HOUSING



## V. HOUSING.

## 5.1 Number of households and occupied residential houses—Rural urban Break-up 1981

Sl. No.	State/District	Number of households and occupied Residential houses					
		Total		Rural		Urban	
		Households	Houses	Households	Houses	Households	Houses
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Kerala	4423277	4297322	3631344	3549585	791933	747737
1.	Cannanore	441778	430112	348107	340434	93671	89678
2.	Wynad	103358	101409	103358	101409	..	Nil
3.	Kozhikode	362390	353523	270761	268929	91629	84594
4.	Malappuram	369573	364759	343170	339197	26403	25562
5.	Palghat	370567	358982	333573	324438	36994	34544
6.	Trichur	416932	410793	330954	326755	85978	84038
7.	Ernakulam	441273	425764	267928	262696	173345	163068
8.	Idukki	186675	182074	178527	174181	8148	7893
9.	Kottayam	295276	288353	267957	262918	27319	25435
10.	Alleppey	429705	418773	364581	356914	65124	61859
11.	Quilon	514669	502655	451520	443520	63149	59135
12.	Trivandrum	491081	460125	370908	348194	120173	111931

Source: Census Report 1981.

## 5.2 District-wise number of occupied residential houses and decadal increase 1971 and 1981

State/District	Number		Decadal increase 1971-81	Percentage decadal variation 1971-81	Density occupied residential houses (per sq. km.)		
	1971	1981			1971	1981	
	(2)	(3)			(6)	(7)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
	Kerala	3418244	4297322	879078	+25.72	88	111
1.	Cannanore	333167	430112	96945	+29.10	67	87
2.	Wynad	73409	101409	28000	+38.14	34	48
3.	Kozhikode	275147	353523	78376	+28.49	117	151
4.	Malappuram	286117	364759	78642	+27.49	81	103
5.	Palghat	288116	358982	70866	+24.60	64	80
6.	Trichur	335505	410793	75288	+22.44	111	135
7.	Ernakulam	335690	425764	90074	+26.83	139	177
8.	Idukki	134011	182074	48063	+35.86	26	36
9.	Kottayam	239831	288353	48522	+20.23	109	131
10.	Alleppey	354627	418773	64146	+18.09	188	222
11.	Quilon	401754	502655	100901	+25.12	87	109
12.	Trivandrum	360870	460125	99255	+27.50	165	210

Source: Census Report 1981

## 5.3 Particulars of Housing—1981 (District-wise)

District	Total	Huts	Old and dilapidated houses	Others				
				Upto 500 Sq. ft.		501-1000 Sq. ft.	1001-1500 Sq. ft.	above 1500 Sq. ft.
				With separate kitchen	Without separate kitchen			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	444573	83232	33546	111565	56948	107315	38414	13553
Quilon	479513	131639	30368	72670	115978	87898	300670	10890
Alleppey	405020	146089	20015	89862	42780	67974	2760	10637
Kottayam	274179	75943	9282	59097	36536	59794	24329	9198
Idukki	167739	60685	8784	47187	21233	20795	66673	2382
Ernakulam	401457	83149	12948	92554	52032	109228	38401	13145
Trichur	393439	71654	11792	95566	31826	113809	49077	19715
Palghat	340139	65703	12819	80053	59296	81537	29410	11321
Malappuram	340291	82544	13353	70479	68613	70625	26078	8599
Kozhikode	389933	81619	14335	104270	46893	95313	35266	12232
Cannanore	429580	83584	19906	89892	49692	111656	52803	22041
State	4065863	965841	187148	913195	581832	925944	358190	133713

Source: Survey on Housing and Employment, 1980.

**5.4 No. of Plans sanctioned and area under different types of buildings  
Private sector—Municipalities**

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New construction</i>									
1. Family quarters	9048	686611	562249	9749	764855	624874	9509	792482	644568
2. Non-family quarters	166	54544	44518	179	61811	50533	141	57574	46953
3. Industrial buildings	190	34442	28008	250	33252	27347	206	27393	22384
4. Commercial buildings	709	96093	79173	777	137009	112343	752	127862	103952
5. Institutional buildings	183	45309	37086	170	59565	49079	130	42860	35020
6. Other buildings	82	17705	14402	83	30210	24704	66	15693	12802
<b>Total</b>	<b>10378</b>	<b>934704</b>	<b>765436</b>	<b>11208</b>	<b>1086702</b>	<b>883880</b>	<b>10804</b>	<b>1063864</b>	<b>865679</b>
<i>B. Alterations and Additions</i>									
1. Family quarters	2120	108181	88708	2339	124168	101310	2221	127206	103408
2. Non-family quarters	52	9910	8147	55	8778	7189	40	9372	7707
3. Industrial buildings	38	3528	2918	48	4765	3924	29	4010	3248
4. Commercial buildings	168	21734	17931	225	25642	21108	143	23443	19138
5. Institutional buildings	70	18946	15603	88	26662	21944	56	17631	14461
6. Other buildings	10	1440	1161	18	2938	2414	14	1471	1206
<b>Total</b>	<b>2458</b>	<b>163739</b>	<b>134468</b>	<b>2773</b>	<b>192945</b>	<b>157889</b>	<b>2503</b>	<b>183133</b>	<b>149168</b>

A—No. of Plans sanctioned    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

Source: Directorate of Municipalities.

**5.4.1. Number of Plans sanctioned and area under different types of Buildings  
Private sector—Municipalities**

*Neyyattinkara*

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	110	7635	6284	187	15886	12918	142	10394	8462
(b) Non-family quarters	..	..	..	3	126	103	1	120	100
2. Industrial buildings	1	30	25	5	982	787	3	140	114
3. Commercial buildings	7	703	581	4	562	464	9	1032	861
4. Institutional buildings	5	1565	1272	1	3200	2600	2	189	152
5. Other buildings	1	427	353	1	1420	1136	..	..	..
<b>Total</b>	<b>124</b>	<b>10360</b>	<b>8515</b>	<b>201</b>	<b>22176</b>	<b>18008</b>	<b>157</b>	<b>11873</b>	<b>9689</b>
<i>B. Alterations and Additions</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	3	106	85	5	322	263	7	305	248
(b) Non-family quarters	..	..	..	1	33	27	..	..	..
2. Industrial buildings	..	..	..	1	74	62	..	..	..
3. Commercial buildings	..	..	..	1	82	66	..	..	..
4. Institutional buildings	1	22	18	..	..	..	1	27	22
5. Other buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>4</b>	<b>128</b>	<b>103</b>	<b>8</b>	<b>511</b>	<b>418</b>	<b>8</b>	<b>332</b>	<b>270</b>

A—No. of Plans sanctioned    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

Source: Directorate of Municipalities.

**5.4.2. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Attingal

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	214	15978	12989	245	16507	13550	222	15768	12916
(b) Non-family Quarters	..	..	..	..	..	..	..	..	..
2. Industrial Buildings	3	197	160	1	31	25	4	367	304
3. Commercial Buildings	5	841	689	7	843	697	8	771	636
4. Institutional Buildings	..	..	..	3	1550	1263	4	518	429
5. Other Buildings	..	..	..	1	29	24	..	..	..
<b>Total</b>	<b>222</b>	<b>17016</b>	<b>13838</b>	<b>257</b>	<b>18960</b>	<b>15559</b>	<b>238</b>	<b>17424</b>	<b>14285</b>

*B. Alterations and Additions*

<i>Dwellings:</i>									
1. (a) Family Quarters	37	1565	1277	45	1985	1627	51	2057	1696
(b) Non-family Quarters	..	..	..	1	25	20	1	443	370
2. Industrial Buildings	..	..	..	..	..	..	..	..	..
3. Commercial Buildings	..	..	..	2	212	175	..	..	..
4. Institutional Buildings	..	..	..	..	..	..	..	..	..
5. Other Buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>37</b>	<b>1565</b>	<b>1277</b>	<b>48</b>	<b>2222</b>	<b>1822</b>	<b>52</b>	<b>2500</b>	<b>2066</b>

A—No. of Plans sanctioned. B—Plinth area in Sq.m. C—Floor area in Sq.m.

**5.4.3. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Nedumangal

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	208	12096	9866	258	13954	11357	301	15393	12614
(b) Non-family Quarters	1	51	41	1	425	358	1	70	56
2. Industrial Buildings	7	241	197	10	552	452	8	326	267
3. Commercial Buildings	17	1407	1147	31	1874	1526	19	1920	1584
4. Institutional Buildings	2	114	92	5	266	303	10	5684	4783
5. Other Buildings	..	..	..	1	124	104	..	..	..
<b>Total</b>	<b>235</b>	<b>13909</b>	<b>11343</b>	<b>306</b>	<b>17295</b>	<b>14100</b>	<b>339</b>	<b>23393</b>	<b>19304</b>

*B. Alterations and Additions*

<i>Dwellings:</i>									
1. (a) Family Quarters	31	1390	1126	43	1691	1380	47	2149	1756
(b) Non-family Quarters	..	..	..	..	..	..	..	..	..
2. Industrial Buildings	1	66	54	1	25	20	1	72	60
3. Commercial Buildings	4	207	170	3	199	163	1	35	29
4. Institutional Buildings	..	..	..	4	116	96	..	..	..
5. Other Buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>36</b>	<b>1663</b>	<b>1350</b>	<b>51</b>	<b>2031</b>	<b>1659</b>	<b>49</b>	<b>2256</b>	<b>1845</b>

A—No. of Plans sanctioned. B—Plinth area in Sq.m. C—Floor area in Sq.m.

**5.4.4. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Varkala

Type of Building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	..	..	..	162	13153	10742	293	21782	17851
(b) Non-family Quarters	..	..	..	1	333	275	5	2158	1784
2. Industrial Buildings	..	..	..	4	357	293	1	78	63
3. Commercial Buildings	..	..	..	4	683	566	12	2648	2204
4. Institutional Buildings	..	..	..	1	311	260	3	1301	1074
5. Other Buildings	..	..	..	1	66	53	2	93	76
Total	..	..	..	173	14903	12189	316	28060	23052
<i>B. Alterations and Additions</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	..	..	..	11	543	442	34	1982	1618
(b) Non-family Quarters	..	..	..	..	..	..	..	..	..
2. Industrial Buildings	..	..	..	1	149	129	..	..	..
3. Commercial Buildings	..	..	..	..	..	..	1	115	95
4. Institutional Buildings	..	..	..	..	..	..	2	812	681
5. Other Buildings	..	..	..	..	..	..	..	..	..
Total	..	..	..	12	692	571	37	2909	2394

A—No. of Plans sanctioned. B—Plinth area in Sq. m. C—Floor area in Sq.m.

**5.4.5. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Quilon

Type of Building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
(a) Family Quarters	460	31276	25628	353	32133	26432	402	40947	33142
(b) Non-family Quarters	3	6084	5072	8	4837	3996	4	531	456
2. Industrial Buildings	2	154	130	11	2001	1657	6	660	538
3. Commercial Buildings	28	3292	2704	14	1643	1359	17	3470	2795
4. Institutional Buildings	2	580	469	4	1031	852	5	930	746
5. Other Buildings	1	122	102	1	75	60	..	..	..
Total	496	41508	34005	391	41720	34356	434	46538	37677
<i>B. Alterations and Additions</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	35	2229	1835	31	2019	1657	45	3249	2645
(b) Non-family Quarters	2	1157	966	1	171	140	..	..	..
2. Industrial Buildings	..	..	..	2	956	795	..	..	..
3. Commercial Buildings	..	..	..	1	47	40	1	25	20
4. Institutional Buildings	3	947	787	1	250	210	2	2125	1741
5. Other Buildings	..	..	..	..	..	..	1	48	39
Total	40	4333	3588	36	3443	2842	49	5447	4445

A—No. of Plans sanctioned. B—Plinth area in Sq. m. C—Floor area in Sq.m.

**5.4.6. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Punalur

Type of building (1)	1979			1980			1981		
	A (2)	B (3)	C (4)	A (5)	B (6)	C (7)	A (8)	B (9)	C (10)
<i>A. New Construction</i>									
<i>Dwellings :</i>									
1. (a) Family quarters	164	9908	8096	180	13192	10778	237	17893	14652
(b) Non-family quarters	3	1467	1198	5	239	195	3	2185	1801
2. Industrial buildings	8	1552	1275	3	160	132	1	35	29
3. Commercial buildings	7	830	680	14	1555	1288	7	972	799
4. Institutional buildings	8	3351	2758	4	589	483	2	740	606
5. Other buildings	1	217	179	2	141	116	5	198	159
<b>Total</b>	<b>191</b>	<b>17325</b>	<b>14186</b>	<b>208</b>	<b>15876</b>	<b>12992</b>	<b>255</b>	<b>22023</b>	<b>18046</b>
<i>B. Alterations and Additions</i>									
<i>Dwellings :</i>									
1. (a) Family quarters	53	2428	1996	56	2403	1966	63	2979	2441
(b) Non-family quarters	..	..	..	2	69	56	2	221	180
2. Industrial buildings	1	29	25	..	..	..	..	..	..
3. Commercial buildings	2	90	72	1	324	265	1	347	290
4. Institutional buildings	1	561	460	3	213	177	1	20	16
5. Other buildings	..	..	..	1	152	126	2	482	390
<b>Total</b>	<b>57</b>	<b>3108</b>	<b>2553</b>	<b>63</b>	<b>3161</b>	<b>2590</b>	<b>69</b>	<b>4049</b>	<b>3317</b>
A—No. of Plans sanctioned			B—Plinth area in Sq. m.			C—Floor area in Sq. m.			

**5.4.7. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Pathanamthitta

Type of building (1)	1979			1980			1981		
	A (2)	B (3)	C (4)	A (5)	B (6)	C (7)	A (8)	B (9)	C (10)
<i>A. New Construction</i>									
<i>Dwellings :</i>									
1. (a) Family quarters	114	10139	8240	47	5022	4093	143	12051	9982
(b) Non-family quarters	15	1626	1326	..	..	..	6	371	304
2. Industrial buildings	2	198	161	2	55	44	1	165	136
3. Commercial buildings	1	50	40	1	109	89	5	928	755
4. Institutional buildings	1	7	6	..	..	..	1	60	48
5. Other buildings	6	694	565	1	49	40	4	1154	945
<b>Total</b>	<b>129</b>	<b>12714</b>	<b>10338</b>	<b>51</b>	<b>5235</b>	<b>4266</b>	<b>165</b>	<b>14729</b>	<b>12170</b>
<i>B. Alterations and Additions</i>									
<i>Dwellings :</i>									
1. (a) Family quarters	3	396	323	11	759	616	22	1266	1040
(b) Non-family quarters	4	188	152	1	38	31	5	365	298
2. Industrial buildings	..	..	..	..	..	..	..	..	..
3. Commercial buildings	1	706	580	1	68	55	3	248	205
4. Institutional buildings	..	..	..	3	942	779	2	135	110
5. Other buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>8</b>	<b>1290</b>	<b>1055</b>	<b>16</b>	<b>1807</b>	<b>1481</b>	<b>32</b>	<b>2014</b>	<b>1653</b>
A—No. of Plans sanctioned			B—Plinth area in Sq. m.			C—Floor area in Sq. m.			

**5.4.8. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

*Kayamkulam*

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	332	20039	16512	233	14244	11726	336	24893	20261
(b) Non-family quarters	1	116	93	13	1611	1343	7	475	384
2. Industrial buildings	1	97	80	6	960	795	4	396	318
3. Commercial buildings	12	919	759	17	1097	905	28	2136	1775
4. Institutional buildings	6	1323	1096	7	1223	1088	7	1193	979
5. Other buildings	..	..	..	1	80	65	..	..	..
<b>Total</b>	<b>352</b>	<b>22494</b>	<b>18540</b>	<b>277</b>	<b>19215</b>	<b>15922</b>	<b>382</b>	<b>29093</b>	<b>23717</b>

*B. Alterations and Additions*

*Dwellings:*

1. (a) Family quarters	32	1925	1576	48	2640	2169	73	4452	3625
(b) Non-family quarters	..	..	..	2	91	74	..	..	..
2. Industrial buildings	1	264	220	2	25	21	2	199	167
3. Commercial buildings	2	61	50	2	31	26	2	60	49
4. Institutional buildings	2	581	484	4	667	552	2	169	142
5. Other buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>37</b>	<b>2831</b>	<b>2330</b>	<b>58</b>	<b>3454</b>	<b>2842</b>	<b>79</b>	<b>4880</b>	<b>3983</b>

A—No. of Plans sanctioned    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

**5.4.9. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

*Alleppey*

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	1258	57794	47243	939	54192	44178	684	43441	35260
(b) Non family quarters	3	256	210	6	240	194	12	3861	3110
2. Industrial buildings	23	5307	4298	20	1549	1274	16	1791	1440
3. Commercial buildings	46	5824	4600	46	4301	3514	39	2673	2160
4. Institutional buildings	25	2613	2139	14	2076	1697	11	6603	5299
5. Other buildings	9	1251	1008	3	223	186	..	..	..
<b>Total</b>	<b>1364</b>	<b>73045</b>	<b>59498</b>	<b>1028</b>	<b>62581</b>	<b>51043</b>	<b>762</b>	<b>58369</b>	<b>47269</b>

*B. Alterations and Additions*

*Dwellings:*

1. (a) Family quarters	164	6659	5463	127	5528	4497	109	4799	3887
(b) Non-family quarters	2	148	121	2	391	317	..	..	..
2. Industrial buildings	4	133	108	5	182	149	1	77	62
3. Commercial buildings	6	134	111	10	473	388	3	745	598
4. Institutional buildings	5	1688	1361	3	559	455	..	..	..
5. Other buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>181</b>	<b>8762</b>	<b>7164</b>	<b>147</b>	<b>7133</b>	<b>5806</b>	<b>113</b>	<b>5621</b>	<b>4547</b>

A—No. of Plans sanctioned    B—Plinth area in Sq. m.    C—Floor area in Sq. m.



**5.4.10. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Thiruvalla

Type of building (1)	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	132	11966	9808	91	8164	6623	78	6959	5639
(b) Non-family quarters	1	228	187	..	..	..	1	289	232
2. Industrial buildings	4	1219	1007	1	58	47	..	..	..
3. Commercial buildings	6	322	265	9	936	754	7	422	349
4. Institutional buildings	5	1774	1455	3	1114	914	4	748	617
5. Other buildings	1	31	26	1	26	21	1	597	479
<b>Total</b>	<b>149</b>	<b>15540</b>	<b>12748</b>	<b>105</b>	<b>10298</b>	<b>8359</b>	<b>91</b>	<b>9016</b>	<b>7316</b>
<i>B. Alterations and Additions</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	58	2075	1781	39	1236	1002	44	1886	1525
(b) Non-family quarters	..	..	..	..	..	..	..	..	..
2. Industrial buildings	..	..	..	..	..	..	..	..	..
3. Commercial buildings	2	161	132	3	235	191	1	16	13
4. Institutional buildings	1	173	137	3	1783	1456	1	837	672
5. Other buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>61</b>	<b>2409</b>	<b>2050</b>	<b>45</b>	<b>3254</b>	<b>2649</b>	<b>46</b>	<b>2739</b>	<b>2210</b>

A—No. of Plans sanctioned    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

**5.4.11. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Chengannur

Type of building (1)	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	144	12300	10029	117	10742	8790	149	14387	11848
(b) Non-family quarters	3	1196	960	2	879	724	2	2100	1700
2. Industrial buildings	1	46	38	1	45	36	2	165	139
3. Commercial buildings	11	1162	946	16	3341	2735	8	759	637
4. Institutional buildings	10	1744	1417	4	328	271	4	642	530
5. Other buildings	3	767	623	2	208	174	1	155	125
<b>Total</b>	<b>172</b>	<b>17215</b>	<b>14013</b>	<b>142</b>	<b>15543</b>	<b>12730</b>	<b>166</b>	<b>18208</b>	<b>14979</b>
<i>B. Alterations and Additions</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	61	2465	2006	80	3500	2880	74	2874	2347
(b) Non-family quarters	..	..	..	..	..	..	1	45	38
2. Industrial buildings	..	..	..	..	..	..	1	30	25
3. Commercial buildings	3	599	480	3	45	37	5	217	176
4. Institutional buildings	..	409	329	1	164	136	1	495	396
5. Other buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>65</b>	<b>3473</b>	<b>2815</b>	<b>84</b>	<b>3709</b>	<b>3053</b>	<b>82</b>	<b>3661</b>	<b>2982</b>

A—No. of Plans sanctioned    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

5.4.12. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities

Mavelikkara

Type of building (1)	1979			1980			1981		
	A (2)	B (3)	C (4)	A (5)	B (6)	C (7)	A (8)	B (9)	C (10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	179	17828	14506	153	15946	13147	177	17012	13990
(b) Non-family quarters	3	327	267	2	335	277	1	150	125
2. Industrial buildings	1	63	51	1	20	16	1	158	130
3. Commercial buildings	19	1725	1411	11	798	657	11	934	769
4. Institutional buildings	8	2282	1857	2	391	320	6	1688	1404
5. Other buildings	3	109	90	..	..	..	2	135	112
Total	213	22334	18182	169	17490	14417	198	20077	16530
<i>B. Alterations and Additions</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	57	3105	2524	66	2768	2273	77	3679	3005
(b) Non-family quarters	1	228	185	..	..	..	..	..	..
2. Industrial buildings	..	..	..	..	..	..	2	89	72
3. Commercial buildings	4	638	516	3	168	136	5	897	746
4. Institutional buildings	3	360	294	..	..	..	1	21	17
5. Other buildings	1	85	68	..	..	..	1	24	20
Total	66	4416	3587	69	2936	2409	86	4710	3860
A—No. of Plans sanctioned			B—Plinth area in Sq.m.			C—Floor area in Sq.m.			

5.4.13. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities

Sherthalai

Type of building (1)	1979			1980			1981		
	A (2)	B (3)	C (4)	A (5)	B (6)	C (7)	A (8)	B (9)	C (10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	472	21736	17753	493	23505	19204	291	15589	12725
(b) Non-family quarters	5	853	707	12	820	676	1	527	423
2. Industrial buildings	9	917	756	19	2610	2142	9	738	599
3. Commercial buildings	17	2059	1689	29	3975	3285	22	1754	1444
4. Institutional buildings	5	1205	992	2	938	784	1	108	87
5. Other buildings	3	439	355	4	484	403	2	674	564
Total	511	27209	22252	564	32332	26494	326	19390	15842
<i>B. Alterations and Additions</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	53	1608	1312	96	3386	2767	62	2216	1818
(b) Non-family Quarters	1	40	32	1	23	19	..	..	..
2. Industrial buildings	1	28	24	1	16	13	1	16	13
3. Commercial buildings	4	619	501	4	337	277	1	59	49
4. Institutional buildings	2	1104	914	1	13	11	..	..	..
5. Other buildings	1	110	90	1	112	90	..	..	..
Total	62	3509	2873	104	3887	3177	64	2291	1880
A—No. of Plans sanctioned			B—Plinth area in Sq.m.			C—Floor area in Sq.m.			

**5.4.14 Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Kollayam

Type of Building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings</i>									
1. (a) Family Quarters	216	18974	15534	259	22101	18168	319	31229	25697
(b) Non-family Quarters	9	11988	9665	7	6115	5068	11	8352	6844
2. Industrial buildings	3	89	73	8	2263	1844	6	2824	2354
3. Commercial buildings	26	9172	7485	29	9891	8125	25	8470	6932
4. Institutional buildings	9	5664	4583	9	4836	4065	8	4203	3180
5. Other buildings	1	24	20	2	45	37	2	228	190
<b>Total</b>	<b>264</b>	<b>45911</b>	<b>37360</b>	<b>314</b>	<b>45251</b>	<b>37307</b>	<b>371</b>	<b>55306</b>	<b>45497</b>
<i>B. Alterations and Additions</i>									
<i>Dwellings</i>									
1. (a) Family Quarters	92	5014	4126	94	4519	3707	124	7059	5751
(b) Non-family Quarters	2	1307	1066	..	..	..	3	694	573
2. Industrial buildings	3	313	257	4	904	746	2	669	537
3. Commercial buildings	7	1096	894	10	6735	5653	6	1496	1207
4. Institutional buildings	3	877	717	4	477	396	3	1127	915
5. Other buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>107</b>	<b>8607</b>	<b>7060</b>	<b>112</b>	<b>12635</b>	<b>10507</b>	<b>138</b>	<b>11045</b>	<b>8983</b>
A—No. of Plans sanctioned			B—Plinth area in Sq. m.			C—Floor area in Sq. m.			

**5.4.15 Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Changanacherry

Type of Building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings</i>									
1. (a) Family Quarters	259	19490	15880	18317	15048	222	267	21330	17327
(b) Non-family Quarters	6	2353	1905	1752	1438	10	1	178	143
2. Industrial buildings	9	988	798	1079	888	14	7	1294	1045
3. Commercial buildings	18	2216	1811	6227	5146	34	9	2158	1764
4. Institutional buildings	6	858	693	2549	2090	10	4	306	252
5. Other buildings	..	..	..	123	101	2	..	..	..
<b>Total</b>	<b>298</b>	<b>25905</b>	<b>21087</b>	<b>30047</b>	<b>24711</b>	<b>292</b>	<b>288</b>	<b>25266</b>	<b>20531</b>
<i>B. Alterations and Additions</i>									
<i>Dwellings</i>									
1. (a) Family Quarters	99	3930	3201	5169	4238	131	106	4532	3703
(b) Non-family Quarters	3	82	67	655	557	4	1	452	362
2. Industrial buildings	1	96	80	201	165	2	2	161	134
3. Commercial buildings	6	301	245	447	368	7	3	402	333
4. Institutional buildings	3	1217	986	1750	1451	5	3	809	654
5. Other buildings	1	945	756	85	70	1	..	..	..
<b>Total</b>	<b>113</b>	<b>6571</b>	<b>5336</b>	<b>8307</b>	<b>6849</b>	<b>159</b>	<b>115</b>	<b>6356</b>	<b>5186</b>
A—No. of Plans sanctioned			B—Plinth area in Sq. m.			C—Floor area in Sq. m.			

**5.4.16. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Palai

Type of Building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	83	7265	5943	98	8365	6839	85	7816	6392
(b) Non-family quarters	1	78	64	6	2081	1712	4	2379	1997
2. Industrial buildings	4	381	312	5	692	575	9	537	434
3. Commercial buildings	13	3079	2504	13	1935	1622	17	2818	2287
4. Institutional buildings	3	789	651	3	1841	1515	2	511	410
5. Other buildings	..	..	..	1	..	..	1	81	66
<b>Total</b>	<b>104</b>	<b>11592</b>	<b>9474</b>	<b>125</b>	<b>14914</b>	<b>12313</b>	<b>118</b>	<b>14142</b>	<b>11586</b>

*B. Alterations and Additions*

<i>Dwellings:</i>									
1. (a) Family quarters	35	1746	1424	54	2360	1940	46	1879	1533
(b) Non-family quarters	2	511	418	2	1029	872	3	600	495
2. Industrial buildings	2	425	351	1	135	115	..	..	..
3. Commercial buildings	7	117	421	6	314	260	6	1090	898
4. Institutional buildings	2	203	163	..	..	..	3	1172	970
5. Other buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>48</b>	<b>3402</b>	<b>2777</b>	<b>63</b>	<b>3838</b>	<b>3187</b>	<b>58</b>	<b>4741</b>	<b>3896</b>

A—No. of Plans sanctioned.    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

**5.4.17. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Vaikom

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	174	7933	6486	140	7439	6078	181	10544	8574
(b) Non-family quarters	10	250	204	2	1386	1067	11	930	773
2. Industrial buildings	9	1173	970	5	575	475	3	56	46
3. Commercial buildings	11	833	676	9	2130	1741	13	875	718
4. Institutional buildings	4	479	393	3	208	174	..	..	..
5. Other buildings	3	39	32	3	72	59	1	16	13
<b>Total</b>	<b>211</b>	<b>10707</b>	<b>8761</b>	<b>162</b>	<b>11810</b>	<b>9594</b>	<b>209</b>	<b>12419</b>	<b>10124</b>

*B. Alterations and Additions*

<i>Dwellings:</i>									
1. (a) Family quarters	27	762	629	30	1142	929	25	1200	969
(b) Non-family quarters	..	..	..	1	64	52	3	1023	830
2. Industrial buildings	..	..	..	..	..	..	1	14	12
3. Commercial buildings	2	59	48	3	90	74	3	45	36
4. Institutional buildings	..	..	..	2	524	426	1	64	52
5. Other buildings	..	..	..	..	..	..	1	498	410
<b>Total</b>	<b>29</b>	<b>921</b>	<b>667</b>	<b>36</b>	<b>1820</b>	<b>1481</b>	<b>34</b>	<b>2844</b>	<b>2309</b>

A—No. of Plans sanctioned.    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

**5.4.18. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Thodupuzha

Type of building (1)	1979			1980			1981		
	A (2)	B (3)	C (4)	A (5)	B (6)	C (7)	A (8)	B (9)	C (10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	126	10368	5532	177	15192	12407	244	18460	15006
(b) Non-family quarters	21	2607	1947	9	2091	1699	15	5310	4258
2. Industrial buildings	6	611	503	7	542	442	10	2142	1720
3. Commercial buildings	29	6773	5501	42	8843	7246	24	4724	3830
4. Institutional buildings	2	93	75	8	1601	1311	8	1353	1100
5. Other buildings	1	128	106	4	408	339	4	77	63
<b>Total</b>	<b>185</b>	<b>20580</b>	<b>16664</b>	<b>247</b>	<b>28677</b>	<b>23444</b>	<b>305</b>	<b>32066</b>	<b>25977</b>
<i>B. Alterations and Additions</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	24	1528	1249	33	1387	1133	33	1717	1397
(b) Non-family quarters	11	1195	988	4	188	152	10	562	454
2. Industrial buildings	..	..	..	..	..	..	1	63	51
3. Commercial buildings	7	977	797	5	574	478	4	375	314
4. Institutional buildings	3	835	693	1	303	243	1	25	20
5. Other buildings	1	260	210	1	71	57	..	..	..
<b>Total</b>	<b>46</b>	<b>4795</b>	<b>3937</b>	<b>44</b>	<b>2523</b>	<b>2063</b>	<b>49</b>	<b>2742</b>	<b>2236</b>

A—No. of Plans sanctioned.    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

**5.4.19. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Muvattupuzha

Type of building (1)	1979			1980			1981		
	A (2)	B (3)	C (4)	A (5)	B (6)	C (7)	A (8)	B (9)	C (10)
<i>A. New Constructions</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	104	9441	7714	111	8640	7074	128	11033	8942
(b) Non-family quarters	4	572	468	3	2044	1650	5	656	530
2. Industrial buildings	1	216	187	2	318	261	2	187	152
3. Commercial buildings	8	1192	972	6	364	296	9	1278	1035
4. Institutional buildings	1	65	53	..	..	..	3	2217	1777
5. Other buildings	1	530	430	1	14	12	..	..	..
<b>Total</b>	<b>119</b>	<b>12016</b>	<b>9824</b>	<b>123</b>	<b>11380</b>	<b>9293</b>	<b>147</b>	<b>15371</b>	<b>12436</b>
<i>B. Alterations and Additions</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	35	1721	1410	42	2331	1901	26	1610	1313
(b) Non-family quarters	1	200	160	2	223	183	..	..	..
2. Industrial buildings	..	..	..	..	..	..	..	..	..
3. Commercial buildings	2	115	95	2	77	64	4	1777	1486
4. Institutional buildings	1	333	270	..	..	..	..	..	..
5. Other buildings	1	168	136	..	..	..	1	51	41
<b>Total</b>	<b>40</b>	<b>2537</b>	<b>2071</b>	<b>46</b>	<b>2631</b>	<b>2149</b>	<b>31</b>	<b>3438</b>	<b>2840</b>

A—No. of Plans sanctioned.    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

**5.4.20. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

*Kothamangalam*

Type of Building (1)	1979			1980			1981		
	A (2)	B (3)	C (4)	A (5)	B (6)	C (7)	A (8)	B (9)	C (10)
<i>A. New Construction</i>									
<i>Dwellings</i>									
1. (a) Family Quarters	80	7271	5947	141	11529	9456	158	18080	14743
(b) Non-family Quarters	4	602	491	2	127	106	1	1603	1360
2. Industrial buildings	6	919	745	8	1299	1055	24	4015	3272
3. Commercial buildings	8	1403	1137	5	393	327	8	2489	2050
4. Institutional buildings	3	263	215	4	1465	1218	6	3869	3192
5. Other buildings	1	10	8	9	948	779	3	737	594
<b>Total</b>	<b>102</b>	<b>10468</b>	<b>8543</b>	<b>169</b>	<b>15761</b>	<b>12941</b>	<b>200</b>	<b>30793</b>	<b>25211</b>

Type of Building (1)	1979			1980			1981		
	A (2)	B (3)	C (4)	A (5)	B (6)	C (7)	A (8)	B (9)	C (10)
<i>B. Alterations and Additions</i>									
<i>Dwellings</i>									
1. (a) Family Quarters	13	970	797	30	1767	1467	29	1940	1579
(b) Non-family Quarters	1	547	445	..	..	..	..	..	..
2. Industrial buildings	1	12	10	2	108	88	2	53	44
3. Commercial buildings	1	186	151	4	142	115	..	..	..
4. Institutional buildings	1	745	600	6	2826	2302	2	1077	891
5. Other buildings	..	..	..	..	..	..	2	635	518
<b>Total</b>	<b>17</b>	<b>2460</b>	<b>2003</b>	<b>42</b>	<b>4843</b>	<b>3972</b>	<b>35</b>	<b>3705</b>	<b>3032</b>

A—No. of plans sanctioned.      B—Plinth area in Sq. m.      C—Floor area in Sq. m.

**5.4.21. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

*Perumbavoor*

Type of Building (1)	1979			1980			1981		
	A (2)	B (3)	C (4)	A (5)	B (6)	C (7)	A (8)	B (9)	C (10)
<i>A. New Construction</i>									
<i>Dwellings</i>									
1. (a) Family Quarters	97	8144	6642	82	7084	5780	48	4455	3624
(b) Non-family Quarters	2	262	212	7	2149	1796	3	642	517
2. Industrial buildings	2	29	24	2	251	203	1	22	18
3. Commercial buildings	15	1401	1153	5	541	344	6	3205	2566
4. Institutional buildings	3	1033	849	2	439	360	1	180	150
5. Other buildings	1	21	17	..	..	..	..	..	..
<b>Total</b>	<b>120</b>	<b>10890</b>	<b>8897</b>	<b>98</b>	<b>10464</b>	<b>8483</b>	<b>59</b>	<b>8504</b>	<b>6875</b>

Type of Building (1)	1979			1980			1981		
	A (2)	B (3)	C (4)	A (5)	B (6)	C (7)	A (8)	B (9)	C (10)
<i>B. Alterations and Additions</i>									
<i>Dwellings</i>									
1. (a) Family Quarters	28	1579	1287	26	1877	1536	13	757	617
(b) Non-family Quarters	..	..	..	6	439	306	1	125	100
2. Industrial buildings	2	104	86	1	62	50	..	..	..
3. Commercial buildings	2	302	246	3	118	96	2	1597	1282
4. Institutional buildings	3	482	400	1	2762	2340	2	963	795
5. Other buildings	2	95	79	..	..	..	1	22	18
<b>Total</b>	<b>37</b>	<b>2563</b>	<b>2098</b>	<b>37</b>	<b>5258</b>	<b>4388</b>	<b>19</b>	<b>3464</b>	<b>2812</b>

A—No. of Plans sanctioned.      B—Plinth area in Sq. m.      C—Floor area in Sq. m.

**5.4.22 Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Parur

Type of building (1)	1979			1980			1981		
	A (2)	B (3)	C (4)	A (5)	B (6)	C (7)	A (8)	B (9)	C (10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	235	13847	11316	323	16405	13420	208	13929	N.A.
(b) Non-family Quarters	..	..	..	2	1144	928	2	201	N.A.
2. Industrial buildings	10	445	363	7	295	241	11	217	N.A.
3. Commercial buildings	29	1701	1404	26	2284	1887	25	3472	N.A.
4. Institutional buildings	1	45	36	2	485	389	4	1360	N.A.
5. Other buildings	1	50	40	1	43	36	1	21	N.A.
<b>Total</b>	<b>276</b>	<b>16088</b>	<b>13159</b>	<b>361</b>	<b>20656</b>	<b>16901</b>	<b>251</b>	<b>18725</b>	<b>NA</b>
<i>B. Alterations and Additions</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	69	3297	2694	70	3587	2943	N.A.	N.A.	N.A.
(b) Non-family Quarters	..	..	..	..	..	..	..	..	..
2. Industrial buildings	..	..	..	3	385	320	..	..	..
3. Commercial buildings	10	566	462	6	374	314	..	..	..
4. Institutional buildings	5	763	622	..	..	..	..	..	..
5. Other buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>84</b>	<b>4626</b>	<b>3778</b>	<b>79</b>	<b>4346</b>	<b>3577</b>			

A.—No. of Plans sanctioned.    B —Plinth area in Sq. m.    C.—Floor area in Sq. m.

**5.4.23 Number of plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Tripunithura

Type of building (1)	1979			1980			1981		
	A (2)	B (3)	C (4)	A (5)	B (6)	C (7)	A (8)	B (9)	C (10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	265	19410	15884	344	24090	20074	550	40338	327113
(b) Non-family Quarters	4	1496	1218	3	584	473	2	2351	1934
2. Industrial buildings	4	735	601	5	892	744	4	311	252
3. Commercial buildings	11	955	785	16	1211	1002	15	1726	1410
4. Institutional buildings	7	4874	3940	5	1223	1019	2	196	170
5. Other buildings	..	..	..	3	84	68	4	577	463
<b>Total</b>	<b>291</b>	<b>27470</b>	<b>22428</b>	<b>376</b>	<b>28084</b>	<b>23381</b>	<b>577</b>	<b>45199</b>	<b>36943</b>
<i>B. Alterations and Additions</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	46	2515	2059	97	4447	3655	117	5692	4627
(b) Non-family Quarters	..	..	..	..	..	..	..	..	..
2. Industrial buildings	..	..	..	2	155	132	1	110	88
3. Commercial buildings	10	1384	1140	2	271	227	6	169	138
4. Institutional buildings	4	762	629	2	483	399	2	1920	1562
5. Other buildings	..	..	..	..	..	..	1	11	9
<b>Total</b>	<b>60</b>	<b>4661</b>	<b>3828</b>	<b>103</b>	<b>5356</b>	<b>4413</b>	<b>127</b>	<b>7902</b>	<b>6424</b>

A—No. of Plans sanctioned.    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

**5.4.24. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Alwaye

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings :</i>									
1. (a) Family Quarters	236	22380	18288	162	14752	12117	203	20571	16718
(b) Non-family Quarters	8	858	708	6	1192	966	3	1237	995
2. Industrial buildings	6	762	417	5	695	574	13	1176	953
3. Commercial buildings	13	1322	1080	14	1999	1647	14	2604	2139
4. Institutional buildings	3	1366	1128	9	4253	3488	1	1148	920
5. Other buildings	4	924	745	1	42	34	1	112	90
<b>Total</b>	<b>270</b>	<b>27612</b>	<b>22566</b>	<b>197</b>	<b>22933</b>	<b>18826</b>	<b>235</b>	<b>26848</b>	<b>21815</b>
<i>B. Alterations and Additions</i>									
<i>Dwellings :</i>									
1. (a) Family Quarters	65	4520	3613	43	2446	2008	31	1187	967
(b) Non-family Quarters	..	..	..	1	137	117	..	..	..
2. Industrial buildings	2	81	67	2	210	174	..	..	..
3. Commercial buildings	4	297	243	7	447	371	5	945	766
4. Institutional buildings	..	..	..	1	477	400	2	645	518
5. Other buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>71</b>	<b>4898</b>	<b>3923</b>	<b>54</b>	<b>3714</b>	<b>3070</b>	<b>38</b>	<b>2777</b>	<b>2251</b>
A—No. of Plans sanctioned.      B—Plinth area in Sq. m.      C—Floor area in Sq. m.									

**5.4.25. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Trichur

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings :</i>									
1. (a) Family Quarters	322	34105	27841	223	24294	20194	269	30473	24738
(b) Non-family Quarters	2	374	308	3	1930	1601	2	228	185
2. Industrial buildings	5	808	661	1	186	156	3	214	177
3. Commercial buildings	11	2275	1877	21	6622	5430	19	7443	6024
4. Institutional buildings	1	27	22	7	2644	2178	2	499	418
5. Other buildings	2	86	69	3	449	376	3	540	444
<b>Total</b>	<b>343</b>	<b>37675</b>	<b>30778</b>	<b>258</b>	<b>36125</b>	<b>29935</b>	<b>298</b>	<b>39397</b>	<b>31986</b>
<i>B. Alterations and Additions</i>									
<i>Dwellings :</i>									
1. (a) Family Quarters	125	7111	5796	106	7664	6320	118	8312	6744
(b) Non-family Quarters	2	283	228	1	17	14	3	793	662
2. Industrial buildings	1	16	13	2	79	65	..	..	..
3. Commercial buildings	6	1407	1145	9	2618	2197	6	2180	1772
4. Institutional buildings	4	1163	942	7	2888	2391	2	1515	1222
5. Other buildings	1	135	110	1	67	55	..	..	..
<b>Total</b>	<b>139</b>	<b>10115</b>	<b>8234</b>	<b>126</b>	<b>13333</b>	<b>11042</b>	<b>129</b>	<b>12800</b>	<b>10400</b>
A—No. of Plans sanctioned      B—Plinth area in Sq. m.      C—Floor area in Sq. m.									



**5.4.26. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Kunnamkulam

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings :</i>									
1. (a) Family Quarters	94	8534	6970	119	10088	8228	121	12600	10248
(b) Non-family Quarters	1	908	728	3	459	369	1	153	123
2. Industrial buildings	1	62	50	5	228	186	4	646	525
3. Commercial buildings	17	4966	4069	23	7055	5714	22	6279	5096
4. Institutional buildings	3	247	203	..	..	..	1	1229	1045
5. Other buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>116</b>	<b>14717</b>	<b>12020</b>	<b>150</b>	<b>17830</b>	<b>14497</b>	<b>149</b>	<b>20907</b>	<b>17037</b>

*B. Alterations and Additions*

<i>Dwellings :</i>									
1. (a) Family Quarters	65	3405	2765	79	5037	4086	52	2370	2240
(b) Non-family Quarters	..	..	..	1	161	134	..	..	..
2. Industrial buildings	1	82	65	2	108	90	1	17	14
3. Commercial buildings	14	2237	1837	11	857	697	7	1248	1005
4. Institutional buildings	..	..	..	1	16	13	..	..	..
5. Other buildings	..	..	..	1	28	23	..	..	..
<b>Total</b>	<b>80</b>	<b>5724</b>	<b>4667</b>	<b>95</b>	<b>6207</b>	<b>5043</b>	<b>60</b>	<b>4135</b>	<b>3259</b>

A—No. of Plans sanctioned.

B—Plinth area in Sq. m.

C—Floor area in Sq. m.

**5.4.27. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Gurwayoor Township

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings :</i>									
1. (a) Family Quarters	107	11116	8168	85	9311	7645	109	11551	9420
(b) Non-family Quarters	7	8039	6413	4	5220	4393	8	8960	7223
2. Industrial buildings	4	1052	845	3	180	146	5	358	294
3. Commercial buildings	4	547	449	10	1522	1256	11	1445	1174
4. Institutional buildings	1	230	190	2	40	33	2	444	357
5. Other buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>123</b>	<b>20984</b>	<b>16065</b>	<b>104</b>	<b>16273</b>	<b>13473</b>	<b>135</b>	<b>22758</b>	<b>18468</b>

*B. Alterations and Additions*

<i>Dwellings :</i>									
1. (a) Family Quarters	46	3797	3133	32	2758	2272	46	2631	2152
(b) Non-family Quarters	5	1403	1147	3	2053	1670	1	651	550
2. Industrial buildings	1	78	64	..	..	..	2	239	192
3. Commercial buildings	2	111	89	1	107	87	2	232	186
4. Institutional buildings	..	..	..	..	..	..	..	..	..
5. Other buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>54</b>	<b>5389</b>	<b>4433</b>	<b>36</b>	<b>4918</b>	<b>4029</b>	<b>51</b>	<b>3753</b>	<b>3080</b>

A—No. of Plans sanctioned.

B—Plinth area in Sq. m.

C—Floor area in Sq. m.

**5.4.28. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Chavakkad

Type of Building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	88	10615	8712	161	16912	13941	128	13565	11016
(b) Non-family Quarters	5	131	107	5	276	227	2	100	81
2. Industrial Buildings	2	67	55	3	55	45	2	239	192
3. Commercial Buildings	9	1364	1112	16	2511	2076	9	1015	828
4. Institutional Buildings	1	165	136	4	376	311	2	228	190
5. Other Buildings	..	..	..	..	..	..	1	250	209
<b>Total</b>	<b>105</b>	<b>12342</b>	<b>10122</b>	<b>189</b>	<b>20130</b>	<b>16600</b>	<b>144</b>	<b>15397</b>	<b>12507</b>

*B. Alterations and Additions*

<i>Dwellings:</i>									
1. (a) Family Quarters	20	1336	1099	26	2030	1674	33	2837	2301
(b) Non-family Quarters	..	..	..	..	..	..	..	..	..
2. Industrial Buildings	1	56	46	..	..	..	..	..	..
3. Commercial Buildings	3	935	775	2	243	200	3	482	387
4. Institutional Buildings	..	..	..	1	5	4	1	45	36
5. Other Buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>24</b>	<b>2327</b>	<b>1920</b>	<b>29</b>	<b>2278</b>	<b>1878</b>	<b>37</b>	<b>3364</b>	<b>2724</b>

A—No. of Plans sanctioned. B—Plinth area in Sq.m. C—Floor area in Sq.m.

**5.4.29. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Angamaly

Type of Building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	187	12386	10090	134	10258	8419	180	12188	9892
(b) Non-family Quarters	3	567	303	1	118	96	12	2421	1948
2. Industrial Buildings	9	10709	8591	9	1378	1124	9	2593	2114
3. Commercial Buildings	19	2690	2127	6	20019	16402	6	571	460
4. Institutional Buildings	9	1249	1027	6	1582	1298	6	12197	10167
5. Other Buildings	1	253	204	3	1204	972	3	83	68
<b>Total</b>	<b>228</b>	<b>27654</b>	<b>22342</b>	<b>159</b>	<b>34559</b>	<b>28311</b>	<b>216</b>	<b>30053</b>	<b>24649</b>

*B. Alterations and Additions*

<i>Dwellings:</i>									
1. (a) Family Quarter	18	1208	964	13	663	537	46	2297	1858
(b) Non-family Quarters	3	129	106	..	..	..	6	308	251
2. Industrial Buildings	1	85	70	1	57	46	..	..	..
3. Commercial Buildings	3	329	268	1	718	600	2	147	123
4. Institutional Buildings	..	..	..	2	68	57	2	190	162
5. Other Buildings	..	..	..	..	..	..	1	51	41
<b>Total</b>	<b>25</b>	<b>1751</b>	<b>1428</b>	<b>20</b>	<b>1506</b>	<b>1240</b>	<b>57</b>	<b>2993</b>	<b>2435</b>

A—No. of Plans sanctioned B—Plinth area in Sq. m. C—Floor area in Sq.m.

**5.4.30. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Kodungalloor

Type of Building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	268	14003	11414	209	12094	9989	320	17371	14046
(b) Non-family Quarters	6	3739	2227	1	875	715	1	114	92
2. Industrial Buildings	1	46	38	3	308	252	3	876	702
3. Commercial Buildings	15	982	800	23	1961	1668	18	1120	905
4. Institutional Buildings	4	791	641	..	..	..	..	..	..
5. Other Buildings	1	2568	2064	1	246	206	1	100	80
Total	295	22129	17184	237	15484	12750	343	19581	15825
<i>B. Alterations and Additions</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	22	742	608	12	443	366	18	1002	809
(b) Non-family Quarters	..	..	..	..	..	..	1	298	244
2. Industrial Buildings	..	..	..	..	..	..	1	62	50
3. Commercial Buildings	..	..	..	1	19	16	2	53	43
4. Institutional Buildings	..	..	..	1	36	30	..	..	..
5. Other Buildings	..	..	..	..	..	..	..	..	..
Total	22	742	608	14	498	412	22	1415	1146

A—No. of Plans sanctioned. B—Plinth area in Sq.m. C—Floor area in Sq.m.

**5.4.31. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Chalakydy

Type of Building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	160	12380	10153	145	11143	9093	153	12805	10465
(b) Non-family Quarters	3	647	539	..	..	..	1	1869	1570
2. Industrial Buildings	2	261	219	6	1679	1394	3	319	257
3. Commercial Buildings	11	526	426	10	1366	1305	15	2736	2202
4. Institutional Buildings	6	1983	1637	2	223	189	3	999	822
5. Other Buildings	4	112	93	2	208	168	1	65	52
Total	186	15909	13067	165	14819	12149	176	18783	15368
<i>B. Alterations and Additions</i>									
<i>Dwellings:</i>									
1. (a) Family Quarters	25	1684	1387	9	467	381	11	1008	813
(b) Non-family Quarters	..	..	..	..	..	..	..	..	..
2. Industrial Buildings	1	55	45	1	62	50	1	1057	847
3. Commercial Buildings	1	206	245	1	22	18	2	221	185
4. Institutional Buildings	2	269	168	2	994	824	1	967	806
5. Other Buildings	..	..	..	..	..	..	1	43	35
Total	29	2254	1845	13	1545	1273	16	3296	2680

A—No. of Plans sanctioned. B—Plinth area in Sq.m. C—Floor area in Sq.m.

**5.4.32 Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Irinjalakuda

Type of buildings	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	51	4296	3506	63	6360	3190	72	7188	5907
(b) Non-family quarters	1	66	53	2	920	756	..	..	..
2. Industrial buildings	2	446	362	..	..	..	1	103	83
3. Commercial buildings	4	766	628	1	75	60	1	24	20
4. Institutional buildings	1	378	308	2	501	405	2	1270	1060
5. Other buildings	..	..	..	..	..	..	..	..	..
Total	59	5952	4857	68	7856	2411	76	8585	7070

*B. Alterations and Additions*

<i>Dwellings:</i>									
1. (a) Family quarters	10	469	387	15	780	639	8	581	482
(b) Non-family quarters	..	..	..	..	..	..	..	..	..
2. Industrial buildings	1	98	80	..	..	..	1	29	24
3. Commercial buildings	..	..	..	..	..	..	2	356	294
4. Institutional buildings	..	..	..	2	40	33	1	1009	855
5. Other buildings	..	..	..	..	..	..	..	..	..
Total	11	567	467	17	820	672	12	1975	1655

A—No. of Plans sanctioned      B—Plinth area in Sq. m.      C—Floor area in Sq. m.

**5.4.33 Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Shoranur

Type of buildings	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	59	3780	3064	82	6208	5062	107	7758	6244
(b) Non-family quarters	1	27	22	1	89	72	2	89	72
2. Industrial buildings	..	..	..	5	157	136	2	144	116
3. Commercial buildings	4	168	135	6	744	615	6	1926	1547
4. Institutional buildings	3	483	394	2	173	144	..	..	..
5. Other buildings	..	..	..	..	..	..	..	..	..
Total	67	4458	3615	96	7371	6029	117	9917	7979

*B. Alterations and Additions*

<i>Dwellings:</i>									
1. (a) Family quarters	6	184	150	9	386	317	7	433	349
(b) Non-family quarters	..	..	..	..	..	..	..	..	..
2. Industrial buildings	..	..	..	..	..	..	..	..	..
3. Commercial buildings	..	..	..	..	..	..	1	29	24
4. Institutional buildings	..	..	..	1	126	104	..	..	..
5. Other buildings	..	..	..	..	..	..	..	..	..
Total	6	184	150	10	512	427	8	462	373

A—No. of Plans sanctioned      B—Plinth area in Sq. m.      C—Floor area in Sq. m.

**5.4.34. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Palghat

Type of buildings	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	403	35920	29379	411	34996	28557	475	44297	36243
(b) Non-family quarters	11	1798	1454	5	1706	1376	4	3173	2552
2. Industrial buildings	13	907	739	12	1400	1137	12	3715	3136
3. Commercial buildings	58	6424	5258	58	5262	4323	54	8078	6677
4. Institutional buildings	2	123	102	5	554	455	7	1718	1397
5. Other buildings	5	1818	1494	4	14354	11586	4	1010	845
<b>Total</b>	<b>492</b>	<b>46990</b>	<b>38426</b>	<b>495</b>	<b>58272</b>	<b>47434</b>	<b>556</b>	<b>61991</b>	<b>50850</b>

*B. Alterations and Additions*

<i>Dwellings:</i>									
1. (a) Family quarters	109	4747	3899	124	7162	5832	140	9272	7592
(b) Non-family quarters	5	695	573	2	320	422	2	931	785
2. Industrial buildings	4	269	221	1	137	112	5	444	365
3. Commercial buildings	22	2439	2000	17	2338	1931	16	2254	1872
4. Institutional buildings	3	534	440	4	1343	1100	5	938	767
5. Other buildings	..	..	..	..	..	..	3	817	675
<b>Total</b>	<b>143</b>	<b>8684</b>	<b>7133</b>	<b>148</b>	<b>11500</b>	<b>9397</b>	<b>171</b>	<b>14656</b>	<b>12062</b>

A—No. of Plans sanctioned    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

**5.4.35. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Chittoor-Thathamangalam

Type of buildings	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	81	4279	3480	73	4550	3723	60	4203	3396
(b) Non-family quarters	3	145	118	5	260	212	1	28	23
2. Industrial buildings	3	103	84	3	337	277	2	145	117
3. Commercial buildings	4	171	140	8	458	379	9	469	378
4. Institutional buildings	1	50	40	2	131	108	..	..	..
5. Other buildings	1	19	16	..	..	..	1	325	260
<b>Total</b>	<b>93</b>	<b>4767</b>	<b>3878</b>	<b>91</b>	<b>5736</b>	<b>4699</b>	<b>73</b>	<b>5170</b>	<b>4174</b>

*B. Alterations and Additions*

<i>Dwellings:</i>									
1. (a) Family quarters	31	1415	1150	30	1214	992	12	559	453
(b) Non-family quarters	2	87	72	..	..	..	1	24	20
2. Industrial buildings	..	..	..	..	..	..	..	..	..
3. Commercial buildings	..	..	..	2	126	104	2	31	65
4. Institutional buildings	..	..	..	..	..	..	..	..	..
5. Other buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>33</b>	<b>1502</b>	<b>1222</b>	<b>32</b>	<b>1340</b>	<b>1096</b>	<b>15</b>	<b>664</b>	<b>538</b>

A—No. of Plans sanctioned    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

**5.4.36 Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Ponnani

Type of buildings	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	181	14793	12158	187	15137	12434	175	17270	14128
(b) Non-family quarters	7	922	758	..	..	..	7	1738	1410
2. Industrial buildings	3	188	156	2	175	143	1	39	32
3. Commercial buildings	11	950	780	19	1358	1107	23	1706	1396
4. Institutional buildings	3	266	218	3	126	103	2	478	396
5. Other buildings	..	..	..	1	747	627	2	1093	910
Total	205	17119	14070	212	17543	14414	210	22324	18272
<i>B. Alterations and Additions</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	63	5161	4252	47	3417	2804	73	5874	4773
(b) Non-family quarters	3	274	226	..	..	..	1	37	30
2. Industrial buildings	..	..	..	1	147	120	1	108	87
3. Commercial buildings	3	225	185	5	212	173	2	48	39
4. Institutional buildings	3	871	710	2	101	82	4	603	493
5. Other buildings	..	..	..	..	..	..	..	..	..
Total	72	6531	5373	55	3877	3179	81	6670	5422

A—No. of Plans sanctioned    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

**5.4.37. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Manjeri

Type of buildings	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	213	16058	13076	242	17950	14635	241	18632	15172
(b) Non-family quarters	1	1369	1121	3	632	524	..	..	..
2. Industrial buildings	2	282	226	4	337	276	2	827	715
3. Commercial buildings	13	1686	1375	9	494	483	13	1802	1483
4. Institutional buildings	1	355	284	3	975	799	..	..	..
5. Other buildings	1	309	254	1	63	52	..	..	..
Total	231	20059	16336	261	20451	16769	256	21261	17370
<i>B. Alterations and Additions</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	39	1645	1336	51	2906	2371	29	1553	1266
(b) Non-family quarters	1	184	148	..	..	..	..	..	..
2. Industrial buildings	..	..	..	1	232	186	..	..	..
3. Commercial buildings	1	52	42	1	526	435	..	..	..
4. Institutional buildings	6	1341	1090	2	738	602	3	624	517
5. Other buildings	1	24	20	1	328	270	..	..	..
Total	48	3246	2636	56	4730	3864	32	2177	1783

A—No. of Plans sanctioned    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

**5. 4. 38. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Tirur

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	204	20778	17056	233	23288	19073	171	16712	13547
(b) Non-family quarters	1	2915	2465	4	1330	1082	2	1056	847
2. Industrial buildings	1	7	6	..	..	..	1	216	173
3. Commercial buildings	20	3743	3075	22	5023	4117	15	3521	2871
4. Institutional buildings	..	..	..	5	848	704	2	89	73
5. Other buildings	5	755	625	6	292	239	1	14	12
<b>Total</b>	<b>231</b>	<b>28198</b>	<b>23227</b>	<b>270</b>	<b>30781</b>	<b>25215</b>	<b>192</b>	<b>21608</b>	<b>17523</b>

*B. Alterations and Additions*

<i>Dwellings:</i>									
1. (a) Family quarters	102	5613	4598	50	3029	2482	33	1777	1449
(b) Non-family quarters	1	291	236	..	..	..	1	380	310
2. Industrial buildings	2	113	94	..	..	..	..	..	..
3. Commercial buildings	8	1298	1069	8	416	336	..	..	..
4. Institutional buildings	..	..	..	1	3	2	..	..	..
5. Other buildings	1	64	52	..	..	..	..	..	..
<b>Total</b>	<b>114</b>	<b>7379</b>	<b>6049</b>	<b>59</b>	<b>3448</b>	<b>2820</b>	<b>34</b>	<b>2157</b>	<b>1759</b>

A—No. of Plans sanctioned    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

**5. 4. 39. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Malappuram

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	139	10983	9959	182	14098	11541	201	16062	13025
(b) Non-family quarters	2	348	282	2	394	327	3	250	201
2. Industrial buildings	..	..	..	3	254	213	6	297	239
3. Commercial buildings	7	1818	1557	12	1252	1029	8	1126	915
4. Institutional buildings	6	1527	1253	4	758	626	4	1782	1487
5. Other buildings	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>154</b>	<b>14676</b>	<b>13051</b>	<b>203</b>	<b>16756</b>	<b>13736</b>	<b>222</b>	<b>19517</b>	<b>15867</b>

*B. Alterations and Additions*

<i>Dwellings:</i>									
1. (a) Family quarters	56	2690	2184	48	2651	2180	44	2284	1852
(b) Non family quarters	..	..	..	1	66	54	..	..	..
2. Industrial buildings	1	55	45	2	52	43	..	..	..
3. Commercial buildings	2	387	318	3	230	192	3	273	219
4. Institutional buildings	1	130	104	..	..	..	3	871	698
5. Other buildings	1	82	63	..	..	..	..	..	..
<b>Total</b>	<b>61</b>	<b>3344</b>	<b>2719</b>	<b>54</b>	<b>2999</b>	<b>2469</b>	<b>50</b>	<b>3420</b>	<b>2769</b>

A—No. of Plans sanctioned    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

**5.4.40. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

		<i>Badagara</i>								
Type of building	1979			1980			1981			
	A	B	C	A	B	C	A	B	C	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<i>A. New Construction</i>										
<i>Dwellings:</i>										
1. (a) Family quarters	526	29955	24362	492	37414	30664	472	32547	26461	
(b) Non-family quarters	1	26	21	2	145	117	2	518	415	
2. Industrial buildings	10	1456	1078	10	645	527	7	1030	837	
3. Commercial buildings	25	1115	910	41	3609	2953	44	6009	4907	
4. Institutional buildings	5	655	534	3	1557	1181	6	1274	1033	
5. Other buildings	2	384	312	..	..	..	2	127	103	
Total	569	33591	27217	548	43376	35442	533	41505	33761	
<i>B. Alterations and Additions</i>										
<i>Dwellings:</i>										
1. (a) Family quarters	36	1883	1530	55	2710	2208	81	4477	3633	
(b) Non-family quarters	..	..	..	..	..	..	1	17	14	
2. Industrial buildings	..	..	..	..	..	..	..	..	..	
3. Commercial buildings	4	520	425	8	2006	1656	9	635	512	
4. Institutional buildings	..	..	..	1	80	65	..	..	..	
5. Other buildings	..	..	..	..	..	..	1	19	16	
Total	40	2403	1955	64	4796	3929	92	5148	4175	

A—No. of Plans sanctioned.    B—Plinth area in Sq.m.    C—Floor area in Sq.m.

**5.4.41. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

		<i>Tellicherry</i>								
Type of building	1979			1980			1981			
	A	B	C	A	B	C	A	B	C	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<i>A. New Construction</i>										
<i>Dwellings:</i>										
1. (a) Family quarters	257	29247	23926	293	30485	25063	353	40490	32963	
(b) Non-family quarters	..	..	..	6	4371	3581	5	1479	1213	
2. Industrial buildings	3	456	372	4	558	467	7	605	486	
3. Commercial buildings	39	6429	5276	44	7986	6608	40	8521	6814	
4. Institutional buildings	6	1412	1152	10	918	755	5	1119	907	
5. Other buildings	2	1081	979	2	5166	4375	1	1987	1591	
Total	307	38625	31705	359	49484	40849	411	54201	43974	
<i>B. Alterations and Additions</i>										
<i>Dwellings:</i>										
1. (a) Family quarters	53	3716	3028	72	6506	5372	93	6821	4519	
(b) Non-family quarters	1	103	83	..	..	..	..	..	..	
2. Industrial buildings	1	25	20	..	..	..	..	..	..	
3. Commercial buildings	1	215	176	10	1016	842	8	2496	2017	
4. Institutional buildings	..	..	..	1	174	144	6	1746	1441	
5. Other buildings	..	..	..	..	..	..	..	..	..	
Total	56	4059	3307	83	7696	6358	107	11063	8977	

A—No. of Plans sanctioned.    B—Plinth area in Sq.m.    C—Floor area in Sq.m.



**5.4.42. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Cannanore

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	207	27585	22442	320	37674	30809	321	40567	32749
(b) Non-family quarters	4	1980	1596	9	6720	5557	6	3390	2782
2. Industrial buildings	4	653	541	6	759	622	5	2156	1807
3. Commercial buildings	26	2568	2028	48	6162	5023	35	13175	10815
4. Institutional buildings	4	317	655	2	624	516	2	288	231
5. Other buildings	18	1979	1622	1	22	18	1	319	256
<b>Total</b>	<b>263</b>	<b>35582</b>	<b>28954</b>	<b>386</b>	<b>51961</b>	<b>42545</b>	<b>370</b>	<b>59895</b>	<b>48640</b>

*B. Alterations and Additions**Dwellings:*

1. (a) Family quarters	57	3651	2989	100	5616	4629	95	6125	4992
(b) Non-family quarters	..	..	..	3	413	336	5	1939	1572
2. Industrial buildings	3	628	518	2	122	99	2	373	300
3. Commercial buildings	6	520	428	25	3498	2853	17	2360	1918
4. Institutional buildings	3	1181	971	3	576	478	4	1267	1049
5. Other buildings	1	24	20	..	..	..	1	13	11
<b>Total</b>	<b>70</b>	<b>6004</b>	<b>4926</b>	<b>133</b>	<b>10225</b>	<b>8395</b>	<b>124</b>	<b>12077</b>	<b>9842</b>

A—No. of Plans sanctioned. B—Plinth area in Sq.m. C—Floor area in Sq.m.

**5.4.43. Number of Plans sanctioned and area under different types of buildings  
Private Sector—Municipalities**

Kasargode

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	180	14404	11722	178	14506	11870	180	15542	12690
(b) Non-family quarters	2	219	179	3	1254	1041	3	1715	1374
2. Industrial buildings	2	374	300	6	869	716	5	806	740
3. Commercial buildings	16	2251	1850	25	4978	4110	26	4937	4085
4. Institutional buildings	10	1543	1244	4	3486	2800	3	577	480
5. Other buildings	6	4651	3746	6	242	299	4	341	280
<b>Total</b>	<b>216</b>	<b>23442</b>	<b>19041</b>	<b>222</b>	<b>25335</b>	<b>20836</b>	<b>221</b>	<b>23918</b>	<b>19649</b>

*B. Alterations and Additions**Dwellings:*

1. (a) Family quarters	120	6197	5055	90	4443	3651	84	5484	4475
(b) Non-family quarters	1	21	17	3	2386	1974	3	557	447
2. Industrial buildings	..	..	..	3	170	139	1	110	88
3. Commercial buildings	15	674	550	18	799	652	8	469	380
4. Institutional buildings	5	1557	1344	5	1437	1184	5	1388	1161
5. Other buildings	1	10	8	4	313	255	3	524	438
<b>Total</b>	<b>142</b>	<b>8459</b>	<b>6974</b>	<b>123</b>	<b>9548</b>	<b>7855</b>	<b>104</b>	<b>8532</b>	<b>6989</b>

A—No. of Plans sanctioned. B—Plinth area in Sq.m. C—Floor area in Sq.m.

**5.5.1. Number of Plans sanctioned and area under different types of buildings  
Private Sector**

*Trivandrum Corporation*

Type of building	1979			1980			1981		
	A	B	C	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>A. New Construction</i>									
<i>Dwellings:</i>									
1. (a) Family quarters	2032	176478	134705	2006	233317	177048	2224	207669	166936
(b) Non-family quarters	27	25453	19179	24	20862	15599	19	11724	9307
2. Industrial buildings	10	2388	1784	23	2919	2208	12	2592	1947
3. Commercial buildings	60	13616	10643	83	8253	6230	83	8588	6956
4. Institutional buildings	11	6858	5167	25	6688	4956	22	8242	7199
5. Other buildings	..	..	..	1	138	110	69	2378	2050
<b>Total</b>	<b>2140</b>	<b>224793</b>	<b>171478</b>	<b>2162</b>	<b>272177</b>	<b>206151</b>	<b>2429</b>	<b>241193</b>	<b>194395</b>

*B. Alterations and Additions*

*Dwellings:*

1. (a) Family quarters	264	16178	12479	331	20271	15326	338	21157	16342
(b) Non-family quarters	3	780	585	7	1608	1207	3	386	288
2. Industrial buildings	1	433	330	2	417	318	2	200	150
3. Commercial buildings	5	864	654	7	792	597	4	423	330
4. Institutional buildings	3	836	632	5	1409	1075	2	322	244
5. Other buildings	..	..	..	..	..	..	5	216	164
<b>Total</b>	<b>276</b>	<b>19091</b>	<b>14680</b>	<b>352</b>	<b>24497</b>	<b>18523</b>	<b>354</b>	<b>22704</b>	<b>17518</b>

A—No. of Plans sanctioned.    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

**5.5.2. Number of Plans sanctioned and area under different types of buildings  
Private Sector**

*Cochin Corporation*

Type of building	1979			1980		
	A	B	C	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>A. New Construction</i>						
<i>Dwellings:</i>						
1. (a) Family quarters	2144	153533	117840	889	80242	60635
(b) Non-family quarters	11	8263	6215	10	4586	3460
2. Industrial buildings	27	16845	12199	16	3446	2625
3. Commercial buildings	102	24212	17311	110	30897	23237
4. Institutional buildings	15	4966	3722	16	10317	7826
5. Other buildings	3	293	226	3	554	414
<b>Total</b>	<b>2302</b>	<b>208212</b>	<b>157513</b>	<b>1044</b>	<b>130042</b>	<b>98197</b>

*B. Alterations and Additions*

*Dwellings:*

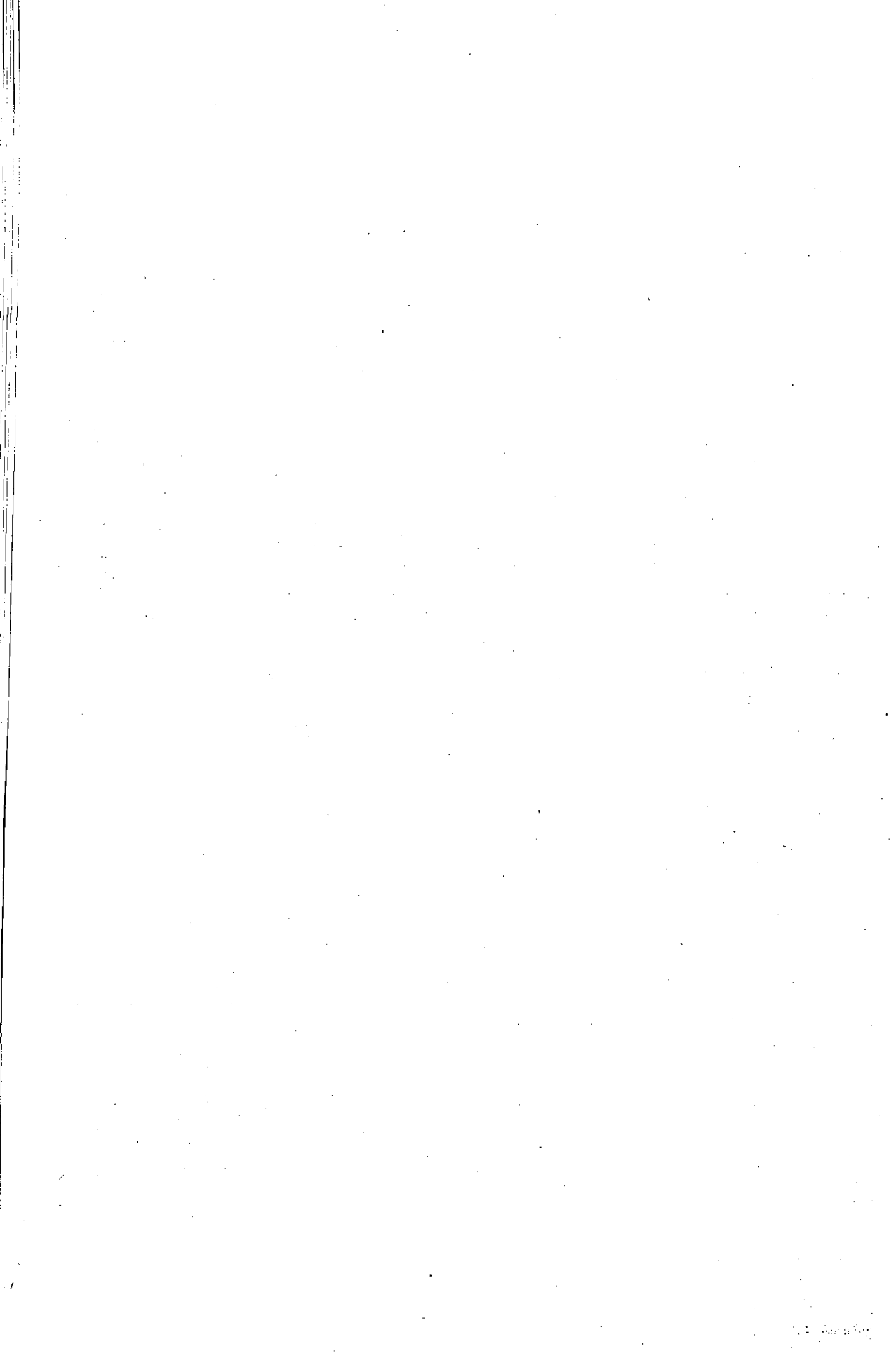
1. (a) Family quarters	396	18368	14064	169	10897	8240
(b) Non-family quarters	2	824	616	1	58	39
2. Industrial buildings	1	610	451	2	196	145
3. Commercial buildings	21	2623	1974	19	7080	5212
4. Institutional buildings	2	981	753	3	1094	820
5. Other buildings	1	39	36	1	34	28
<b>Total</b>	<b>423</b>	<b>23445</b>	<b>17894</b>	<b>195</b>	<b>19359</b>	<b>14484</b>

A—No. of Plans sanctioned.    B—Plinth area in Sq. m.    C—Floor area in Sq. m.

**5.5.3. Number of Plans sanctioned and area under different types of buildings  
Private Sector**

*Calicut Corporation*

Type of building (1)	1979			1980		
	A	B	C	A	B	C
	(2)	(3)	(4)	(5)	(6)	(7)
<i>A. New Construction</i>						
<i>Dwellings:</i>						
1. (a) Family quarters	1339	104031	79494	1361	109545	83182
(b) Non-family quarters	10	9821	7467	9	8190	6211
2. Industrial buildings	13	1270	965	18	1814	1369
3. Commercial buildings	53	8423	6236	59	14594	11038
4. Institutional buildings	11	4824	3685	13	3193	2387
5. Other buildings	7	738	575	19	1709	1297
<b>Total</b>	<b>1433</b>	<b>129107</b>	<b>98422</b>	<b>1479</b>	<b>139045</b>	<b>105484</b>
<i>B. Alterations and Additions</i>						
<i>Dwellings:</i>						
1. (a) Family quarters	266	15255	11639	336	19726	15045
(b) Non-family quarters	2	263	204	4	2234	1681
2. Industrial buildings	4	530	390	8	1832	1384
3. Commercial buildings	41	3956	3093	20	4825	3651
4. Institutional buildings	3	365	307	3	1060	789
5. Other buildings	2	83	66	4	464	349
<b>Total</b>	<b>318</b>	<b>20452</b>	<b>15699</b>	<b>375</b>	<b>30141</b>	<b>22899</b>
<b>A—No. of Plans sanctioned.</b>	<b>B—Plinth area in Sq. m.</b>		<b>C—Floor area in Sq. m.</b>			



**VI. INCOME.**



## VI. INCOME

**6.1.1. Net State Domestic Product at Factor cost by Industry of origin (At current) prices**  
*(Rs. Lakhs)*

Sl. No.	Industry of Origin	1970-71	1979-80	1980-81 (Revised)	1981-82 (Q)
1.	Agriculture	58263	122964	131084	133049
2.	Forestry and Logging	1102	5804	7034	8229
3.	Fishing	2569	6315	7832	6165
4.	Mining and Quarrying	96	598	475	616
	Sub Total Primary	62030	135681	146425	148359
5.	Manufacture	15632	47387	55717	67667
(1)	Registered	7031	24950	28793	34551
(2)	Unregistered	8601	22437	26924	33116
6.	Construction	3668	10034	11106	12257
7.	Electricity gas and water supply	1181	6528	7824	8629
	Sub Total Secondary	20481	63949	74647	88553
8.	Transport, storage and communication	6063	21895	21608	26670
(1)	Railways	639	1151	1157	1172
(2)	Transport by other means and storage	4580	18017	21213	22947
(3)	Communication	844	2727	2238	2551
9.	Trade and Hotels and Restaurants	16260	38257	43915	44416
	Transport, Communication and Trade	22323	60152	63523	71096
10.	Banking & Insurance	1629	9032	9364	10300
11.	Real Estate, Ownership of dwellings etc.	2774	3616	4086	4536
	Finance and real Estate	4403	12648	13450	14836
12.	Public administration	3712	11385	12161	13985
13.	Other Services	12894	31741	33879	35234
	Community & personal services	16606	43126	46040	49219
	Sub total Tertiary	43332	115926	128013	135141
	Net Domestic product at factor cost	125843	315556	349085	372053
	Population (1000)	21126	24829	25258	25686
	Per capita Income (Rs.)	595.68	1270.92	1382.07	1448.47

Q = Quick estimate

**6.1.2. Net State Domestic Product at factor cost by Industry of origin**  
**(at 1970-71 Prices)**
*((Rs. Lakhs)*

Sl. No.	Industry of Origin	1970-71	1979-80	1980-81	1981-82 (Q)
1.	Agriculture	58263	60555	59630	60898
2.	Forestry and Logging	1102	925	1028	1070
3.	Fishing	2569	2096	2191	1922
4.	Mining and Quarrying	96	139	134	142
	Sub Total Primary	62030	63715	62983	64032
5.	Manufacturing	15632	21825	22032	24021
(1)	Registered	7031	11330	11366	12770
(2)	Un registered	8601	10495	10666	11251
6.	Construction	3668	5201	5482	6053
7.	Electricity, gas and water supply	1181	3060	3427	3777
	Sub total Secondary	20481	30086	30941	33851
8.	Transport, storage and communication	6063	9884	10598	11303
(1)	Railways	639	774	843	868
(2)	Transport by other means and storage	4580	7455	8086	8748
(3)	Communication	844	1655	1669	1687
9.	Trade and Hotels and Restaurants	16260	17633	17818	17924
	Transport Communication and Trade	22323	27567	28416	29227
10.	Banking and Insurance	1629	4023	4130	4379
11.	Real Estate, Ownership of dwellings etc.	2774	3269	3363	3372
	Finance and Real Estate	4403	7292	7493	7751
12.	Public Administration	3712	6895	7917	8787
13.	Other Services	12894	16634	13577	19692
	Community and personal service	16606	23529	26494	28479
	Sub Total Tertiary	43332	58408	62403	65457
	Net Domestic product at factor cost	125843	152209	156327	163340
	Population (1000)	21126	24829	25258	25686
	Per capita Income (Rs.)	595.68	613.03	618.92	635.91

Q = Quick estimate.

**6.2. Structure and change in Composition of net Domestic Product of Kerala**  
1970-71, 1980-81 & 1981-82

Sl. No.	Industry of origin	Net State domestic product				
		1970-71	1980-81		1981-82	
			at current prices	at 1970-71 prices	at current prices	at 1970-71 prices
1.	Agriculture	46.32	37.55	38.14	35.76	37.28
2.	Forestry and Logging	0.87	2.02	0.66	2.21	0.66
3.	Fishing	2.06	2.24	1.40	1.74	1.18
4.	Mining and Quarrying	0.07	0.14	0.08	0.16	0.08
	Sub total Primary	49.32	41.95	40.28	39.87	39.20
5.	Manufacturing	12.39	15.96	14.09	18.19	14.71
6.	Construction	2.94	3.18	3.51	3.29	3.71
7.	Electricity gas and water supply	0.95	2.24	2.19	2.32	2.31
	Sub total Secondary	16.28	21.38	19.79	23.80	20.73
8.	Transport, storage and communication	4.81	7.05	6.78	7.17	6.92
9.	Trade and Hotels and Restaurants	12.92	12.58	11.40	11.94	10.97
	Transport communication and Trade	17.73	19.63	18.18	19.11	17.89
10.	Banking and Insurance	1.27	2.68	2.64	2.77	2.68
11.	Real Estate, Ownership of dwellings etc.	2.22	1.17	2.15	1.22	2.06
	Finance and Real Estate	3.49	3.85	4.79	3.99	4.74
12.	Public administration	2.94	3.48	5.07	3.76	5.38
13.	Other services	10.24	9.71	11.89	9.47	12.06
	Community & personal services	13.18	13.19	16.96	13.23	17.44
	Sub total Tertiary	34.40	36.67	39.93	36.33	40.07
	Net Domestic product	100.00	100.00	100.00	100.00	100.00
	Rs. in crores	1258.4	3490.9	1563.3	3720.5	1633.40

**6.3. Growth in Net State Domestic Product and per capita Income-Kerala**

Year	At current prices				At 1970-71 prices			
	Net Domestic product		Per capita income		Net Domestic Product		Per capita income	
	(Rs. lakhs)	Index	(Rs.)	Index	(Rs. lakhs)	Index	(Rs.)	Index
1970-71	125843	100	595.68	100	125843	100	595.68	100
1979-80	315556	250.75	1270.92	213.35	152209	120.95	613.03	102.91
1980-81	349085	277.40	1382.07	232.02	156327	124.22	618.92	103.90
1981-82	372053	295.65	1448.47	243.16	163340	129.80	635.91	106.70

**6.4 Net Domestic Product in Different Districts**

(Rs. lakhs)

Name of District	Current prices			At 1970-71 Prices	
	1970-71	1980-81	1981-82	1980-81	1981-82
	1. Trivandrum	12741	35901	38336	17004
2. Quilon	15642	40006	42597	17766	18429
3. Alleppey	12499	29505	31786	13753	14494
4. Kottayam	10106	24513	25881	11608	12091
5. Idukki	4645	16900	18735	6853	7322
6. Ernakulam	14232	44901	49062	20203	21330
7. Trichur	11858	31098	32884	14283	14853
8. Palghat	9623	25227	26954	12543	13062
9. Malappuram	8405	22316	23364	9971	10382
10. Kozhikode	13039	37303	40272	15886	16716
11. Cannanore	13053	41412	42185	16457	16897
State	125843	349085	372053	156327	163340



## 6.5. Growth in net domestic product in different districts

Index

Sl. No.	Name of District	1970-71	Current prices		At 1970-71 prices	
			1980-81	1981-82	1980-81	1981-82
1	Trivandrum	100	281.77	300.89	133.46	139.22
2	Quilon	100	255.76	272.32	113.57	117.82
3	Alleppey	100	236.07	254.31	110.03	115.96
4	Kottayam	100	242.56	255.10	114.86	119.64
5	Idukki	100	363.83	403.34	147.53	157.63
6	Ernakulam	100	315.49	344.73	141.95	149.87
7	Trichur	100	262.25	277.31	120.45	125.26
8	Palghat	100	265.15	280.10	130.34	135.95
9	Malappuram	100	265.51	277.98	118.63	123.59
10	Kozhikode	100	286.09	308.86	121.83	128.20
11	Cannanore	100	317.26	323.17	126.08	129.45
	State	100	277.40	295.65	124.22	129.80

## 6.6. Per capita income in different districts

In Rupees

Sl. No.	Name of District	1970-71	Current prices		At 1970-71 prices	
			1980-81	1981-82	1980-81	1981-82
1	Trivandrum	585.52	1397.06	1467.02	661.63	678.88
2	Quilon	655.02	1426.82	1495.98	633.50	647.31
3	Alleppey	594.06	1260.43	1344.10	587.73	612.85
4	Kottayam	663.56	1449.91	1515.74	686.45	708.32
5	Idukki	612.79	1757.43	1902.05	712.37	743.35
6	Ernakulam	664.74	1783.99	1918.58	802.66	834.18
7	Trichur	562.79	1283.64	1339.14	589.72	604.76
8	Palghat	576.92	1260.61	1305.58	619.40	633.51
9	Malappuram	457.54	940.98	960.09	420.36	426.79
10	Kozhikode	626.67	1432.41	1512.26	610.06	627.71
11	Cannanore	557.58	1403.51	1408.72	557.68	564.36
	State	595.68	1382.07	1448.47	618.92	635.91

## 6.7. Growth in per capita income in different districts

Index

Sl. No.	Name of District	1970-71	Current prices		At 1970-71 prices	
			1980-81	1981-82	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Trivandrum	100	238.60	250.55	112.99	115.94
2	Quilon	100	223.32	228.38	96.73	98.82
3	Alleppey	100	212.17	226.26	93.93	103.16
4	Kottayam	100	218.50	228.42	103.45	106.74
5	Idukki	100	286.79	310.39	116.25	121.31
6	Ernakulam	100	268.37	288.62	120.71	125.49
7	Trichur	100	228.09	237.95	104.79	107.46
8	Palghat	100	218.51	226.30	107.36	109.81
9	Malappuram	100	205.66	209.84	91.87	93.28
10	Kozhikode	100	228.58	241.31	97.35	100.17
11	Cannanore	100	251.72	252.65	100.02	101.22
	State	100	232.22	243.16	103.90	106.75

**6.8.1. District-wise distribution of the net State Domestic Product at Factor cost by Industry of origin (at current price)**

(Rs. Lakhs)

Industry of origin	Trivandrum		Quilon		Alleppey		Kottayam	
	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82
1. Agriculture	11270	11043	14039	14369	9536	9979	10809	10910
2. Forestry and logging	135	189	1540	2167	1	3	10	15
3. Fishing	790	807	3123	2397	714	639	68	62
4. Mining and Quarrying	43	58	146	170	195	261	40	58
Sub total: Primary	12238	12097	18853	19103	10446	10882	10927	11045
5. Manufacturing	5954	7248	6961	8436	4416	5399	2597	3156
(1) Registered	2454	2943	4220	5065	1088	1306	1321	1586
(2) Unregistered	3500	4305	2741	3371	3328	4093	1276	1570
6. Construction	1043	1151	914	1009	958	1058	782	863
7. Electricity, Gas and Water supply	1499	1653	1073	1184	725	800	946	1042
Sub total: Secondary	8496	10052	8948	10629	6099	7257	4325	5061
8. Transport, storage and communications	2198	2391	1861	2016	2036	2212	1692	1838
(1) Railways	49	50	133	135	38	39	52	53
(2) Transport by other means and storage	1877	2031	1538	1664	1800	1948	1482	1604
(3) Communications	272	310	190	217	198	225	158	181
9. Trade, Hotels and Restaurants	4220	4268	4286	4335	4852	4908	3061	3096
10. Banking and Insurance	1093	1202	917	1008	800	881	734	808
11. Real Estate, ownership of dwellings etc.	576	639	400	444	418	464	258	287
12. Public Administration	2947	3388	1184	1362	1204	1384	806	927
13. Other services	4133	4299	3557	3700	3652	3798	2710	2819
Sub total: Tertiary	15167	16187	12205	12865	12962	13647	9261	9775
Net Domestic Product	35901	38336	40006	42597	29507	31786	24513	25881
Population ('000)	2569.54	2613.25	2804.00	2847.44	2341.02	2364.86	1690.66	1707.48
Per capita Income	1397.06	1467.02	1426.82	1495.98	1260.43	1344.10	1449.91	1515.74

## 6.8.1 (Contd.)

Industry of origin	Idukki		Ernakulam		Trichur		Palghat	
	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82
1. Agriculture	9867	10777	11642	11841	11173	10910	10385	10511
2. Forestry and logging	428	575	43	55	485	765	279	424
3. Fishing	6	5	1233	1050	348	286	13	12
4. Mining and Quarrying	..	..	1	1	..	..	..	..
Sub total: Primary	10301	11357	12919	12947	12006	11961	10677	10947
5. Manufacturing	2211	2661	13114	15840	4525	5498	3706	4528
(1) Registered	1952	2343	9767	11720	2223	2667	1014	1216
(2) Unregistered	259	318	2347	4120	2302	2831	2692	3312
6. Construction	837	924	1942	2144	1004	1107	860	949
7. Electricity, Gas and Water supply	297	328	945	1043	659	726	515	568
Sub total: Secondary	3345	3913	16001	19027	6188	7331	5081	6045
8. Transport, storage and communications	1158	1258	5163	5591	1944	2112	1718	1857
(1) Railways	..	..	109	110	105	106	191	193
(2) Transport by other means and storage	1059	1145	4810	5204	1528	1652	1307	1414
(3) Communications	99	113	244	277	311	354	220	250
9. Trade, Hotels and Restaurants	738	746	2692	2723	4809	4864	3474	3513
10. Banking and Insurance	169	186	2287	2515	1060	1166	618	679
11. Real Estate, ownership of dwellings etc.	126	139	616	684	383	425	312	347
12. Public Administration	274	315	1300	1495	1161	1336	772	888
13. Other services	790	821	3923	4080	3547	3689	2575	2678
Sub total: Tertiary	3255	3465	15981	17088	12934	13592	9469	9962
Net Domestic Product	16901	18735	44901	49062	31098	32884	25227	26954
Population ('000)	961.69	984.99	2516.89	2557.20	2422.48	2455.61	2024.98	2064.53
Per capita Income	1757.43	1902.05	1783.99	1918.58	1283.64	1339.14	1260.61	1205.58

## 6. 8. 1. (Contd.)

Industry of origin	Malappuram		Kozhikode		Cannanore		Kerala	
	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82
1. Agriculture	9860	9979	13568	14236	18935	18494	131084	133049
2. Forestry and logging	1141	1327	1177	1397	1795	1313	7034	8229
3. Fishing	198	163	517	422	817	622	7832	6465
4. Mining and Quarrying	..	..	8	17	42	51	475	616
Sub total: Primary	11199	11469	15270	16072	21589	20480	146425	148359
5. Manufacturing	1215	1478	5867	7144	5151	6279	55717	67667
(1) Registered	472	567	2410	2892	1872	2246	28793	34551
(2) Unregistered	743	911	3457	4252	3279	4033	26924	33116
6. Construction	700	772	1013	1118	1053	1162	11106	12257
7. Electricity, Gas and water supply	177	195	620	684	368	406	7824	8629
Sub total: Secondary	2092	2445	7500	8946	6572	7847	74647	88553
8. Transport, Storage and communications	1917	2071	2864	3100	2057	2224	24608	26670
(1) Railways	143	144	143	145	194	197	1157	1172
(2) Transport by other means and storage	1664	1801	2497	2699	1651	1785	21213	22947
(3) Communications	110	126	224	256	212	242	2238	2551
9. Trade and Hotels and Restaurants	3799	3842	5876	5943	6108	6178	43915	44416
10. Banking and Insurance	259	296	707	778	610	781	9364	10300
11. Real Estate, ownership of dwellings etc.	269	299	421	467	307	341	4086	4536
12. Public Administration	555	638	1040	1196	918	1056	12161	13985
13. Other Services	2216	2304	3625	3770	3151	3276	33879	35234
Sub total: Tertiary	9025	9450	14533	15254	13251	13856	128013	135141
Net domestic product	22316	23364	37303	40272	41412	42183	349085	372053
Population ('000)	2371.57	2433.58	2604.22	2663.04	2950.61	2994.42	25258	25686
Per Capita Income	940.98	960.09	1432.41	1512.26	1403.51	1408.72	1382.07	1448.47

## 6. 8. 2. District-wise distribution of the net State Domestic Product at Factor cost by Industry of origin (at 1970-71 prices)

(Rs. lakhs)

Industry of origin	Trivandrum		Quilon		Alleppey		Kottayam	
	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82
1. Agriculture	5196	5116	6889	7003	4686	4933	5158	5237
2. Forestry and logging	20	25	225	282	..	..	1	2
3. Fishing	220	241	872	714	201	189	20	18
4. Mining and Quarrying	12	14	41	39	55	60	11	13
Sub total: Primary	5448	5396	8027	8038	4942	5182	5190	5270
5. Manufacturing	2355	2551	2752	3017	1748	1874	1028	1119
(1) Registered	969	1088	1666	1872	430	483	522	586
(2) Unregistered	1387	1463	1086	1145	1318	1391	505	533
6. Construction	515	569	451	498	473	522	386	426
7. Electricity, gas and Water supply	657	723	470	518	318	350	414	458
Sub total: Secondary	3527	3842	3673	4033	2539	2746	1828	2003
8. Transport, Storage and communications	1056	1125	901	959	864	923	789	843
(1) Railways	36	36	97	100	28	29	38	39
(2) Transport by other means and storage	817	884	662	716	689	745	633	685
(3) Communications	203	205	142	143	147	149	118	119
9. Trade and Hotels and Restaurants	1713	1723	1739	1749	1969	1981	1242	1249
10. Banking and Insurance	482	511	404	429	353	374	324	343
11. Real Estate, Ownership of dwellings etc.	476	475	328	330	344	345	213	213
12. Public Administration	2037	2264	743	823	739	820	536	595
13. Other Services	2265	2402	1951	2068	2003	2123	1486	1575
Sub total: Tertiary	8029	8500	6066	6358	6272	6566	4590	4818
Net domestic product	17004	17738	17766	18429	13753	14494	11608	12091
Population ('000)	2570	2613	2804	2847	2340	2365	1691	1707
Per Capita Income	661.63	678.83	633.59	647.31	587.73	612.85	696.45	708.32

## 6.8.2. (Contd.)

Industry of Origin	Idukki		Ernakulam		Trichur		Palghat	
	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82
1. Agriculture	3749	3958	5943	6029	5105	5116	5656	5785
2. Forestry and Logging	63	75	6	7	71	99	41	55
3. Fishing	2	2	348	310	98	85	3	3
4. Mining and Quarrying	..	..	..	..	..	..	..	..
Sub Total: Primary	3814	4035	6297	6346	5274	5300	5700	5843
5. Manufacturing	873	974	5181	5732	1789	1948	1467	1575
(1) Registered	771	866	3855	4331	877	986	400	450
(2) Unregistered	102	108	1326	1400	912	962	1067	1125
6. Construction	413	456	959	1059	496	547	424	469
7. Electricity, gas and water supply	130	144	414	456	288	318	226	249
Sub Total: Secondary	1416	1574	6554	7247	2573	2813	2117	2293
8. Transport, storage and communications	527	565	1687	1874	1005	1067	830	879
(1) Railways	..	..	19	82	76	79	139	143
(2) Transport by other means and storage	453	490	1486	1608	697	754	527	570
(3) Communications	74	75	182	184	232	234	164	166
9. Trade and Hotels and Restaurants	299	301	1092	1099	1951	1963	1409	1418
10. Banking and Insurance	75	79	1008	1069	467	496	273	289
11. Real Estate, Ownership of dwellings etc.	103	104	507	509	315	316	257	258
12. Public Administration	186	205	817	906	753	836	545	605
13. Other Services	433	459	2181	2280	1945	2062	1412	1497
Sub Total: Tertiary	1623	1713	7352	7737	6436	6740	4726	4946
Net Domestic Product	6853	7322	20203	21330	14283	14853	12543	13082
Population ('000)	962	985	2517	2557	2422	2456	2025	2065
Per Capita Income	712.37	743.35	802.66	834.18	589.72	604.76	619.40	633.51

## 6.8.2. (Contd.)

Industry of Origin	Malappuram		Kozhikode		Cannanore		State	
	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82
1. Agriculture	4540	4689	5786	6029	6922	7003	59630	60898
2. Forestry and Logging	167	172	172	182	262	171	1028	1070
3. Fishing	55	49	144	126	228	185	2191	1922
4. Mining and Quarrying	..	..	3	4	12	12	134	142
Sub Total: Primary	4762	4910	6105	6341	7424	7371	62983	64032
5. Manufacturing	480	518	2321	2514	2038	2200	22032	24021
(1) Registered	186	209	951	1069	739	830	11366	12770
(2) Unregistered	294	309	1370	1445	1299	1370	10666	11251
6. Construction	345	381	500	552	520	574	5482	6053
7. Electricity, gas and water supply	77	85	272	299	161	177	3427	3777
Sub Total: Secondary	902	984	3093	3365	2719	2951	30940	33851
8. Transport, Storage and Communications	886	947	1029	1097	964	1024	10598	11303
(1) Railways	104	106	104	108	142	146	843	868
(2) Transport by other means and storage	700	758	758	820	664	718	8086	8748
(3) Communications	82	83	167	169	158	160	1669	1687
9. Trade and Hotels and Restaurants	1541	1550	2384	2398	2479	2493	17818	17924
10. Banking & Insurance	119	126	312	331	313	332	4130	4379
11. Real Estate, Ownership of dwellings etc.	221	222	346	346	253	254	3363	3372
12. Public Administration	325	361	659	731	577	641	6917	8787
13. Other Services	1215	1288	1958	2107	1728	1831	18577	19692
Sub Total: Tertiary	4307	4494	6688	7010	6314	6575	62403	65457
Net Domestic Product	9971	10388	15886	16716	16457	16897	156327	163340
Population ('000)	2372	2434	2604	2663	2951	2994	25258	25686
PerCapita Income	420.36	426.79	610.06	627.71	557.68	564.36	618.92	635.91

## 6.9. Statement showing Net Domestic Product of different States

(Rs. in Crores)

Sl. No.	States	At current prices			At 1970-71 prices		
		1979-80	1980-81	1981-82	1979-80	1980-81	1981-82
1.	Andhra Pradesh	6070	6975	8336	3280	3447	3896
2.	Assam	2023	2398	2798	982	1095	1107
3.	Gujarat	5381	6269	7606	2795	2908	3269
4.	Haryana	2391	2972	N.A.	1190	1338	N.A.
5.	Jammu & Kashmir	744	877	980	362	395	409
6.	Karnataka	N.A.	4818	5481	N.A.	2337	2495
7.	Kerala	3156	3491	3721	1522	1563	1633
8.	Madhyapradesh	4356	5846	6417	1993	2522	2642
9.	Maharashtra	12363	14152	15886	6027	6048	6354
10.	Manipur	129	148	151	59	65	67
11.	Punjab	4220	4572	5267	2207	2258	2412
12.	Rajasthan	3346	4293	4899	1745	1866	2023
13.	Tamil Nadu	5754	5754	6692	3070	2957	3252
14.	Uttar Pradesh	10283	13955	14732	4560	5651	5871
15.	West Bengal	7473	8391	8795	3786	4108	3970
16.	All India	88219	106209	120913	43880	47405	49802

## 6.10. Per capita income in different States

Sl. No.	States	At current prices (Rs.)				At 1970-71 prices (Rs.)		
		1970-71	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82
1.	Andhra Pradesh	586	1167	1313	1536	631	649	718
2.	Assam	535	1063	1221	1380	516	558	546
3.	Bihar	402	795	870	NA	405	420	NA
4.	Gujarat	829	1641	1866	2211	852	865	950
5.	Himachal Pradesh	678	1288	1523	1659	646	694	719
6.	Haryana	877	1923	2335	2574	957	1051	1074
7.	Jammu & Kashmir	548	1301	1496	1630	633	673	681
8.	Karnataka	685	1208	1314	1458	675	637	664
9.	Kerala	596	1271	1382	1448	613	619	636
10.	Madhyapradesh	484	864	1134	1217	395	489	501
11.	Maharashtra	784	2048	2294	2519	998	980	1008
12.	Manipur	377	945	1052	1045	430	462	462
13.	Orissa	482	931	1147	NA	424	524	NA
14.	Punjab	1030	2611	2768	3122	1365	1367	1429
15.	Rajasthan	620	1023	1277	1417	534	555	585
16.	Tamil Nadu	581	1210	1197	1373	646	615	667
17.	Tripura	..	..	..	..	..	..	..
18.	Uttar Pradesh	486	721	818	929	474	477	506
19.	West Bengal	722	1413	1553	1595	716	761	720
20.	Delhi	1186	2631	2942	NA	1399	1415	NA
21.	Goa, Daman & Diu	..	2527	2659	NA	1296	1341	NA
22.	Pondicherry	..	2747	2930	NA	1262	1139	NA
23.	All India	633	1333	1571	1750	667	700	720

## 6.11. Population below poverty line in the State 1977-78

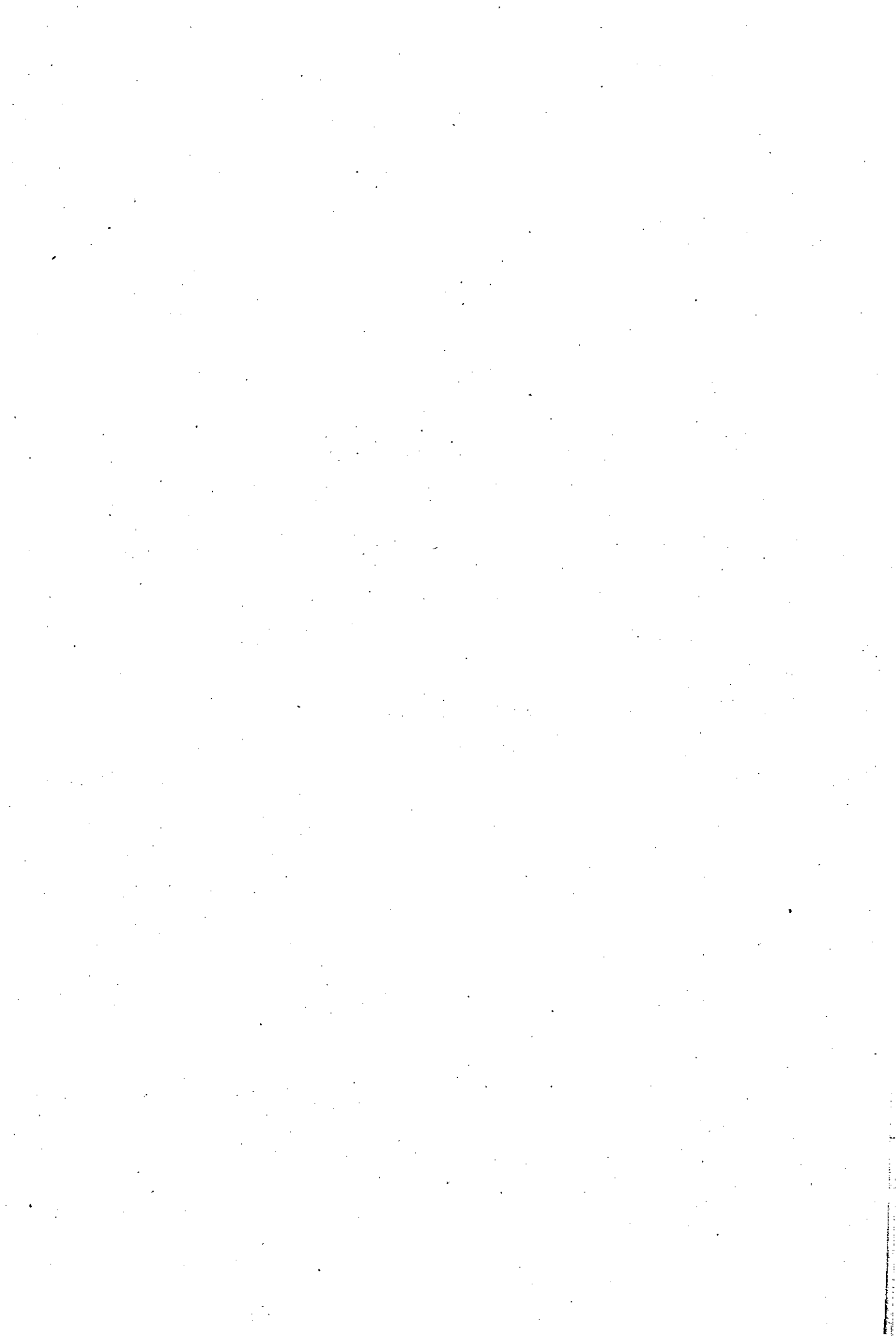
State	% of population below poverty line		
	Rural	Urban	Combined
(1)	(2)	(3)	(4)
Orissa	69.0	42.2	66.4
Madhya Pradesh	59.8	48.1	57.7
Bihar	58.9	46.1	57.5
West Bengal	58.9	34.7	52.5
Tamil Nadu	55.7	44.8	52.1
Assam	52.7	37.4	51.1
Uttar Pradesh	50.2	49.2	50.1
Karnataka	49.9	44.0	48.3
Maharashtra	55.9	31.6	47.7
Kerala	46.0	51.4	47.0
Andhra Pradesh	43.9	35.7	42.2
Gujarat	43.2	29.0	39.0
Rajasthan	33.8	33.8	33.8
Haryana	23.3	31.7	24.8
Punjab	11.9	24.7	15.1
Tripura	64.3	26.3	59.7
Meghalaya	53.9	18.2	48.0
Jammu & Kashmir	32.8	39.3	34.1
Manipur	30.5	25.5	29.7
Himachal Pradesh	28.1	16.6	27.2
Nagaland	..	4.1	..
Union Territories	34.3	18.0	21.7
All India	50.8	38.2	48.1

Note: Estimates based on the All India poverty line of Rs. 65 per capita per month in 1977-78 prices for rural and Rs. 75 for urban.

Source: C. M. I.E. Basic statistics relating to Indian Economy Vol. 2 States September 1983 Table No. 14.8.

SECRET

**VII. EXPENDITURE**





## VII. EXPENDITURE

**7.1.1. Distribution of sample households, percentage distribution of estimated number of households and estimated number of adult males, adult females and children per household by monthly per capita expenditure classes in Kerala during 1973-74**

*Rural and Urban (Combined)*

Monthly per capita expenditure classes	Number of sample households	Percentage distribution of estimated number of households	Estimated number per household			
			Adult males	Adult females	Children	Total persons
(1)	(2)	(3)	(4)	(5)	(6)	(7)
(Rs.)						
0-13	..	..	..	..	..	..
13-15	1	0.14	2.00	3.00	5.00	10.00
15-18	5	0.61	0.80	1.40	2.40	4.60
18-21	18	2.15	1.67	2.00	3.67	7.34
21-24	28	3.41	2.25	2.50	3.88	8.63
24-28	36	4.44	1.75	2.11	3.22	7.08
28-34	88	10.85	1.85	2.13	3.06	7.04
34-42	155	18.97	1.82	2.03	2.58	6.43
43-55	189	22.89	1.90	1.90	2.40	6.20
55-75	158	18.76	1.72	1.84	1.99	5.55
75-100	90	10.47	1.88	1.67	2.25	5.80
100-150	39	4.49	1.54	1.49	0.97	4.00
150-200	14	1.51	1.57	0.86	..	2.43
200 and above	13	1.31	1.46	1.00	0.31	2.77
All classes	834	100.00	1.80	1.88	2.37	6.05

Source: N.S.S. 28th Round.

**7.1.2. Distribution of sample households, percentage distribution of estimated number of households and estimated number of adult males, adult females and children per household by monthly per capita expenditure classes in Kerala during 1973-74**

*Kerala State-Rural*

Monthly per capita expenditure classes	Number of sample households	Percentage distribution of estimated number of households	Estimated number per household			
			Adult males	Adult females	Children	Total persons
(1)	(2)	(3)	(4)	(5)	(6)	(7)
0-13	..	..	..	..	..	..
13-15	1	0.17	2.00	3.00	5.00	10.00
15-18	4	0.65	1.00	1.25	1.50	3.75
18-21	13	2.11	1.62	1.92	3.16	7.00
21-24	22	3.57	1.95	2.05	3.45	7.45
24-28	30	4.86	1.64	2.03	3.33	7.00
28-34	73	11.83	1.88	2.07	3.10	7.03
34-43	123	20.26	1.86	2.06	2.54	6.46
43-55	146	23.66	1.81	1.83	2.22	5.86
55-75	112	18.13	1.62	1.77	1.88	5.27
75-100	38	9.40	1.75	1.60	1.86	5.21
100-150	24	3.89	1.83	1.67	1.08	4.58
150-200	6	0.97	1.33	0.83	..	2.16
200 and above	3	0.48	1.33	0.67	..	2.00
All classes	617	100.00	1.77	1.87	2.34	5.98

Source: N.S.S. 28th Round.

**7.1.3. Distribution of sample households, percentage distribution of estimated number of households and estimated number of adult males, adult females and children per household by monthly per capita expenditure classes in Kerala during 1973-74**

*Kerala State-Urban*

Monthly per capita expenditure classes	Number of sample households	Percentage distribution of estimated number of households	Estimated number per household			
			Adult males	Adult females	Children	Total persons
(1)	(2)	(3)	(4)	(5)	(6)	(7)
0-13	..	..	..	..	..	..
13-15	..	..	..	..	..	..
15-18	1	0.46	..	2.00	6.00	8.00
18-21	5	2.30	1.80	2.20	4.20	8.20
21-24	6	2.76	1.83	2.50	2.83	7.16
24-28	6	2.76	2.33	2.50	2.67	7.50
28-34	15	6.91	1.73	2.40	2.87	7.00
34-43	30	13.82	1.63	1.90	2.77	6.30
43-55	43	19.82	2.05	2.05	2.93	7.03
55-75	46	21.20	1.98	2.02	2.26	6.26
75-100	32	14.75	2.10	1.81	2.32	6.23
100-150	15	6.91	1.07	1.20	0.80	3.07
150-200	8	3.69	1.75	0.88	..	2.63
200 and above	10	4.62	1.50	1.10	0.40	3.00
All classes	217	100.00	1.84	1.89	2.34	6.07

Source: N.S.S. 28th round.

**7.2.1. Consumer expenditure (Rs. 0.00) per person for a period of 30 days by broad groups of items by monthly per capita expenditure classes in Kerala during 1973-74**

*Rural and Urban (combined)*

No. of sample villages: 360

Items	Monthly per capita expenditure classes in rupees								
	0-13	13-15	15-18	18-21	21-24	24-28	28-34	34-43	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1. Cereals	..	7.20	7.95	7.75	10.03	11.55	13.42	16.67	
2. Gram	..	..	..	0.04	0.02	0.00	0.06	0.12	
3. Cereal substitutes	..	2.50	1.04	2.89	3.36	2.69	2.41	3.08	
4. Pulse and products	..	0.11	0.12	0.02	0.06	0.04	0.13	0.22	
5. Milk and product	..	..	..	0.25	0.15	0.18	0.44	0.73	
6. Edible oil	..	0.31	0.53	0.43	0.84	0.70	1.07	1.40	
7. Meat, fish and egg	..	0.40	0.44	0.91	1.03	1.23	1.54	1.79	
8. Vegetables	..	0.37	0.30	0.38	0.39	0.46	0.63	0.89	
9. Fruits and Nuts	..	..	0.41	0.77	0.88	1.21	1.56	1.95	
10. Sugar	..	0.11	0.13	0.50	0.61	0.63	0.76	0.91	
11. Salt	..	0.03	0.05	0.08	0.06	0.06	0.07	0.08	
12. Spices	..	0.48	0.68	0.57	0.86	0.92	1.00	1.16	
13. Beverages and refreshment	..	0.38	1.34	1.25	1.30	1.94	2.53	2.58	
14. Food-Total	..	11.89	12.99	15.81	19.59	21.61	25.62	31.58	
15. Pen, Tobacco and intoxicants	..	1.19	0.67	0.77	0.73	0.82	1.05	1.46	
16. Fuel and Light	..	1.20	1.75	1.41	1.53	1.75	2.00	2.52	
17. Clothing	..	..	..	..	0.15	0.21	0.20	0.31	
18. Footwear	..	..	..	..	..	..	0.00	0.01	
19. Miscellaneous goods and services	..	0.37	1.05	1.44	0.77	1.33	2.00	2.47	
20. Rent	..	..	..	..	..	..	0.05	..	
21. Tax	..	..	..	..	..	..	..	0.01	
22. Durable goods	..	..	..	0.06	..	0.02	0.19	0.01	
23. Non-food-Total	..	2.76	3.47	3.68	3.18	4.13	5.49	6.79	
24. Total consumer expenditure	..	14.65	16.46	19.49	22.77	25.74	31.11	38.37	
25. No. of sample households	..	1	5	18	28	36	88	155	

## 7.2.1. (Contd.)

Rural and Urban combined

Items	Monthly per capita expenditure classes in rupees						
	43-55	55-75	75-100	100-150	150-200	200 and above	All classes
	(1)	(10)	(11)	(12)	(13)	(14)	(15)
1. Cereals	20.18	23.72	30.37	33.67	31.96	34.49	19.48
2. Gram	0.31	0.54	0.26	0.88	0.47	..	0.22
3. Cereal substitutes	3.30	3.12	3.70	4.38	0.88	3.90	3.10
4. Pulses and products	0.28	0.49	0.76	1.25	1.59	1.65	0.29
5. Milk and products	0.99	2.97	3.50	7.62	7.18	11.50	1.26
6. Edible oil	1.57	2.77	2.56	3.98	3.87	7.16	1.43
7. Meat, fish and eggs	2.19	2.76	3.76	4.35	6.38	10.16	1.97
8. Vegetables	1.09	1.46	1.46	2.82	2.20	3.88	0.92
9. Fruits and Nuts	2.28	3.04	4.25	3.71	6.76	9.76	2.12
10. Sugar	1.12	1.49	1.62	2.79	3.82	3.84	0.98
11. Salt	0.07	0.09	0.08	0.01	0.09	0.16	0.07
12. Spices	1.26	2.67	1.49	2.55	2.87	2.59	1.12
13. Beverages and refreshments	2.72	3.16	4.41	7.86	24.99	28.18	2.82
14. Food—Total	37.35	48.28	58.22	75.96	93.06	117.27	35.78
15. Pan, tobacco and intoxicants	2.36	1.92	1.58	2.98	3.08	3.56	1.26
16. Fuel and light	2.58	5.21	3.06	5.89	8.93	7.14	2.36
17. Clothing	0.81	1.34	2.64	4.94	3.08	35.82	1.09
18. Foot wear	0.02	0.14	0.17	0.63	8.05	1.83	0.06
19. Miscellaneous goods and services	3.77	5.62	10.25	18.95	11.53	53.48	4.76
20. Rents	0.03	0.32	0.06	0.66	12.13	3.00	0.16
21. Taxes	0.00	0.02	0.06	0.44	..	1.00	0.03
22. Durable goods	0.14	0.00	0.53	1.50	13.17	6.11	0.30
23. Non-food—Total	8.71	14.57	18.35	35.99	59.97	111.94	10.00
24. Total consumer expenditure	46.06	62.85	76.57	111.95	153.03	229.21	45.78
25. No. of sample households	189	158	90	39	14	13	834

Source: N.S.S. 28th round.

## 7.2.2. Consumer expenditure (Rs. 0.00) per person for a period of 30 days by broad groups of items by monthly per capita expenditure classes in Kerala during 1973-74

Rural No. of sample villages: 360

Items	Monthly per capita expenditure classes in rupees							
	0-13	13-15	15-18	18-21	21-24	24-28	28-34	34-43
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Cereals	..	7.20	7.24	7.58	10.03	11.37	13.53	16.64
2. Gram	..	..	..	0.05	0.01	0.01	0.05	0.12
3. Cereal Substitutes	..	2.50	0.69	3.11	2.62	2.25	2.49	3.21
4. Pulses and products	..	0.11	0.15	0.02	0.07	0.04	0.12	0.20
5. Milk and milk products	..	..	..	0.31	0.13	0.16	0.41	0.73
6. Edible oil	..	0.31	0.52	0.38	0.81	0.64	1.08	1.40
7. Meat, fish and eggs	..	0.40	0.28	0.92	1.01	1.24	1.56	1.81
8. Vegetables	..	0.37	0.30	0.41	0.40	0.40	0.62	0.89
9. Fruits and nuts	..	..	0.28	0.76	0.35	1.25	1.53	2.01
10. Sugar	..	0.11	0.10	0.56	0.61	.63	0.73	0.90
11. Salt	..	0.03	0.06	0.06	0.06	0.06	0.07	0.08
12. Spices	..	0.48	0.71	0.34	0.87	0.89	0.99	0.14
13. Beverages and refreshments	..	0.38	1.58	1.09	1.27	2.05	2.52	2.56
14. Food—Total	..	11.89	12.66	16.79	18.74	21.62	25.69	31.69
15. Pan, tobacco and intoxicants	..	1.19	0.79	0.80	0.76	.87	1.08	1.52
16. Fuel and light	..	1.20	1.89	1.42	1.50	1.65	1.99	2.45
17. Clothing	..	..	..	..	0.15	0.18	0.19	0.25
18. Footwear	..	..	..	..	..	..	0.00	0.01
19. Miscellaneous goods and services	..	0.37	1.03	1.45	0.74	1.66	1.97	2.42
20. Rents	..	..	..	..	..	..	0.06	..
21. Taxes	..	..	..	..	..	..	..	0.01
22. Durable goods	..	..	..	0.07	..	0.02	0.21	0.01
23. Non food—Total	..	2.76	3.74	3.74	3.15	4.38	5.49	6.67
24. Total Consumer expenditure	..	14.65	16.30	19.53	21.89	26.00	31.18	38.36
25. No. of sample households	..	1	4	13	22	30	73	125

Rural

Items	Monthly per capita expenditure classes in rupees						
	43-55	55-75	75-100	100-150	150-200	200 and above	All classes
	(1)	(10)	(11)	(12)	(13)	(14)	(15)
1. Cereals	20.22	24.30	32.90	36.26	48.75	56.24	19.38
2. Gram	0.33	0.64	0.20	0.64	1.15	..	0.21
3. Cereal substitutes	3.44	3.52	4.18	5.19	2.30	10.00	3.28
4. Pulses and products	0.27	0.61	0.73	0.24	.58	3.28	0.26
5. Milk and milk products	0.98	3.78	3.24	7.20	5.15	5.42	1.10
6. Edible oil	1.52	3.38	2.51	3.72	3.56	4.37	1.35
7. Meat, fish and eggs	2.12	3.15	3.47	4.60	7.17	12.35	1.86
8. Vegetables	1.06	1.70	1.45	2.50	3.61	2.43	0.87
9. Fruits and nuts	2.22	3.58	4.43	3.27	11.54	11.00	2.05
10. Sugar	1.07	1.75	1.55	2.43	1.53	1.45	0.90
11. Salt	0.07	0.11	0.08	0.11	0.57	0.17	0.07
12. Spices	1.33	3.52	1.54	2.70	3.24	2.02	1.11
13. Beverages and refreshments	2.54	3.31	4.25	4.41	20.41	38.33	2.47
14. Food—Total	37.12	55.35	60.53	74.27	110.56	148.06	34.91
15. Pan, Tobacco and intoxicants	1.34	2.43	1.49	3.30	5.58	4.02	1.24
16. Fuel and light	2.51	4.02	2.72	5.83	12.11	4.21	2.25
17. Clothing	0.87	1.41	2.82	5.04	..	13.33	0.92
18. Foot wear	0.02	0.20	0.22	0.48	..	1.50	0.05
19. Miscellaneous goods and services	3.75	4.39	9.55	17.14	18.81	97.17	4.25
20. Rents	..	0.13	..	..	1.92	4.17	0.00
21. Taxes	..	0.01	0.06	0.45	..	..	0.03
22. Durable goods	0.05	0.01	0.71	0.72	25.38	..	0.24
23. Non-food—Total	8.54	12.60	17.57	33.96	63.30	124.40	9.08
24. Total Consumer expenditure	45.66	65.95	78.10	108.23	173.86	272.46	43.99
25. No. of sample households	146	112	58	24	6	3	617

Source:—N.S.S. 28th round

**7.2.3—Consumer Expenditure (Rs. 0.00) per person for a period of 30 days by broad group by monthly per capita expenditure classes in Kerala during 1973-74**

Urban

No. of sample villages: 360

Items	Monthly per capita expenditure classes in rupees							
	0-13	13-15	15-18	18-21	21-24	24-28	28-34	34-43
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Cereals	..	..	7.98	8.47	10.03	12.43	12.28	16.86
2. Gram	..	..	..	..	0.01	..	0.14	0.05
3. Cereal substitutes	..	..	2.50	1.91	1.33	1.97	1.51	2.01
4. Pulses and products	..	..	..	0.00	0.06	..	0.20	0.38
5. Milk and products	..	..	..	..	0.31	0.30	0.76	0.78
6. Edible oil	..	..	0.60	0.68	1.03	0.90	0.98	1.41
7. Meat, fish and eggs	..	..	1.13	0.88	1.20	1.22	1.47	1.61
8. Vegetables	..	..	0.30	0.26	0.32	0.72	0.68	0.84
9. Fruits and nuts	..	..	1.13	0.78	1.12	1.00	1.95	1.49
10. Sugar	..	..	0.26	0.26	0.64	0.64	1.14	0.94
11. Salt	..	..	0.04	0.04	0.05	0.05	0.07	0.06
12. Spices	..	..	0.53	0.71	0.81	1.05	1.04	1.27
13. Beverages and Refreshments	..	..	0.31	1.96	1.56	1.43	2.63	2.75
14. Food—Total	..	..	14.78	15.95	18.47	21.71	24.85	30.45
15. Pan, Tobacco and intoxicants	..	..	0.19	0.65	0.50	0.55	0.74	0.91
16. Fuel and Light	..	..	1.18	1.41	1.74	2.24	2.12	3.04
17. Clothing	..	..	..	..	0.18	0.33	0.35	0.80
18. Foot wear	..	..	..	..	..	..	..	..
19. Misc. goods and Services	..	..	1.00	1.38	1.01	2.15	2.35	2.97
20. Rents	..	..	..	..	..	..	..	..
21. Taxes	..	..	..	..	..	..	..	..
22. Durable goods	..	..	..	..	..	..	..	..
23. Non food—Total	..	..	2.37	3.44	3.43	5.27	5.56	7.72
24. Total consumer expenditure	..	..	17.15	19.39	21.90	26.98	30.41	38.17
25. No. of sample households	..	..	1	5	6	6	15	30

## 7.2.3 (Contd.)

Urban

Items	Monthly per capita expenditure classes in rupees						
	43-55	55-75	75-100	100-150	150-200	200 and above	All classes
	(1)	(10)	(11)	(12)	(13)	(14)	(15)
1. Cereals	19.94	22.52	28.84	21.46	21.64	30.06	20.07
2. Gram	0.24	0.32	0.42	2.04	0.05	..	0.28
3. Cereal substitutes	2.50	2.24	2.25	0.54	..	2.71	2.08
4. Pulses and products	0.31	0.26	0.85	1.29	2.22	1.34	0.44
5. Milk and products	1.34	1.26	4.30	9.64	8.45	12.53	2.18
6. Edible oil	1.78	1.50	2.69	5.22	4.06	7.71	1.85
7. Meat, fish and eggs	2.56	1.94	4.62	3.19	5.89	9.42	2.58
8. Vegetables	1.22	0.97	1.48	4.31	1.33	4.20	1.20
9. Fruits and nuts	2.62	1.93	3.82	5.81	3.82	9.52	2.56
10. Sugar	1.38	0.94	1.81	4.50	5.25	4.33	1.41
11. Salt	0.09	0.05	0.06	0.08	0.05	0.16	0.07
12. Spices	1.39	0.89	1.32	1.85	1.59	2.71	1.22
13. Beverages and Refreshments	3.66	2.84	4.90	24.17	28.93	26.11	4.79
14. Food total	39.03	37.66	57.36	84.10	83.28	110.80	40.72
15. Pan, Tobacco and intoxicants	1.49	0.86	1.85	1.47	1.53	3.45	1.31
16. Fuel and Light	2.99	7.78	4.06	6.18	6.98	7.73	2.98
17. Clothing	0.47	1.21	2.09	4.47	5.00	40.15	2.00
18. Foot wear	..	0.04	..	1.36	..	1.89	0.10
19. Misc. goods and Services	3.89	8.17	12.65	27.50	20.37	45.25	7.62
20. Rents	0.23	0.71	0.07	3.81	19.69	2.79	0.76
21. Taxes	0.01	0.04	..	0.39	..	1.18	0.06
22. Durable goods	0.01	..	..	0.43	21.38	7.27	0.87
23. Non-food total	9.69	18.81	20.72	45.66	74.95	109.71	15.40
24. Total consumer expenditure	48.72	56.47	78.08	128.76	158.23	220.51	56.1
25. No. of sample households	43	46	32	15	8	10	217

Source: N.S.S. 28th round.

**7.3.1. Quantity (Kg. 0.00) and value (Rs. 0.00) of consumption per person for a period of 30 days of items cereals, gram and cereal substitutes by monthly per capita expenditure classes in Kerala during 1973-74**

Rural and Urban (Combined)

No. of sample Blocks: 144

Items	Monthly per capita expenditure classes in rupees							
	0-13	13-15	15-18	18-21	21-24	24-28	28-34	34-43
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(1) Quantity (Kg. 0.00)								
1. Rice and products	..	2.40	6.12	3.56	4.71	4.43	5.63	6.07
2. Wheat and products	..	..	..	0.28	0.22	0.66	0.43	0.40
3. Jowar and products	..	..	..	..	..	..	..	..
4. Bajra and products	..	..	..	..	..	..	..	..
5. Maize and products	..	..	..	..	..	..	..	..
6. Ragi and products	..	..	..	..	..	..	0.06	..
7. Barley	..	..	..	..	..	..	..	..
8. Small Millets	..	..	..	..	..	..	..	..
9. Total cereals	..	2.40	6.12	3.84	4.93	5.69	6.17	6.47
10. Gram and products	..	..	..	..	..	..	..	..
11. Cereal substitutes	..	10.00	2.04	5.12	4.55	5.32	5.15	5.69
(2) Value (Rs. 0.00)								
1. Rice and products	..	7.20	7.95	7.57	9.82	10.76	12.90	16.19
2. Wheat and products	..	..	..	0.18	0.21	0.79	0.47	0.48
3. Jowar and products	..	..	..	..	..	..	..	..
4. Bajra and products	..	..	..	..	..	..	..	..
5. Maize and products	..	..	..	..	..	..	..	..
6. Ragi and products	..	..	..	..	..	..	0.05	..
7. Barely and products	..	..	..	..	..	..	..	..
8. Small Millets	..	..	..	..	..	..	..	..
9. Total cereals	..	7.20	7.95	7.75	10.03	11.55	13.42	16.67
10. Gram and products	..	..	..	0.04	0.02	0.00	0.06	0.12
11. Cereal substitutes	..	2.50	1.04	2.89	3.36	2.69	2.41	3.08
No. of sample households	..	1	5	18	28	36	83	155

## 7.3.1 (Contd.)

Rural and Urban (Combined)

Items	Monthly per capita expenditure classes in rupees						
	43-55	55-75	75-100	100-150	150-200	200 and above	All classes
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(1) Quantity (Kg. 0.00)							
1. Rice and products	6.68	8.03	10.87	10.77	12.77	11.32	6.97
2. Wheat and products	0.33	0.48	0.51	0.66	0.59	0.44	0.42
3. Jowar and products	..	..	..	..	..	..	..
4. Bajra and products	..	..	..	..	..	..	..
5. Maize and products	..	..	..	..	..	..	..
6. Ragi and products	0.01	..	..	..	..	..	0.01
7. Barley and products	..	..	..	..	..	..	..
8. Small Millets	..	..	..	..	..	..	..
9. Total Cereals	7.02	8.51	11.38	11.43	13.36	11.76	7.40
10. Gram and products	..	..	..	..	..	..	..
11. Cereal substitutes	6.12	5.90	6.00	5.75	1.85	7.25	5.70
(2) Value (Rs. 0.00)							
1. Rice and products	19.64	23.04	29.59	31.93	31.25	33.62	18.88
2. Wheat and products	0.53	0.66	0.78	1.74	0.71	0.87	0.59
3. Jowar and products	..	..	..	..	..	..	..
4. Bajra and products	..	..	..	..	..	..	..
5. Maize and products	..	..	..	..	..	..	0.00
6. Ragi and products	0.01	..	..	..	..	..	0.01
7. Barley and products	..	..	..	..	..	..	..
8. Small Millets	..	..	..	..	..	..	..
9. Total Cereals	20.16	23.72	30.37	33.67	31.96	34.49	19.48
10. Gram and products	0.31	0.34	0.26	0.88	0.47	..	0.22
11. Cereal substitutes	3.30	3.12	3.70	4.38	0.89	3.90	3.10
No. of Sample households	189	158	90	39	14	13	834

Source: N.S.S. 28th round.

**7.3.2. Quantity (Kg. 0.00) and value (Rs. 0.00) of consumption per person for a period of 30 days of items cereals, gram and cereal substitutes by monthly per capita expenditure classes in Kerala during 1973-74**

Rural

No. of Sample Blocks: 144

Items	Monthly per capita expenditure classes in rupees							
	0-13	13-15	15-18	18-21	21-24	24-28	28-34	34-43
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
(1) Quantity (Kg. 0.00)								
1. Rice and products	..	2.40	6.85	3.35	4.63	4.44	5.93	5.90
2. Wheat and products	..	..	..	0.32	0.19	0.67	0.41	0.37
3. Jowar and products	..	..	..	..	..	..	..	..
4. Bajra and products	..	..	..	..	..	..	..	..
5. Maize and products	..	..	..	..	..	..	..	0.00
6. Ragi and products	..	..	..	..	..	..	0.08	..
7. Barley and products	..	..	..	..	..	..	..	..
8. Small Millets and products	..	..	..	..	..	..	..	..
9. Total Cereals	..	2.40	6.85	3.67	4.82	5.11	6.42	6.27
10. Gram and products	..	..	..	0.02	0.01	0.00	0.03	0.05
11. Cereal substitutes	..	10.00	1.30	6.29	5.20	5.64	5.57	6.26
(2) Value (Rs. 0.00)								
1. Rice and products	..	7.20	7.94	7.24	9.35	10.66	13.02	16.17
2. Wheat and products	..	..	..	0.34	0.18	0.71	0.45	0.47
3. Jowar and products	..	..	..	..	..	..	..	..
4. Bajra and products	..	..	..	..	..	..	..	..
5. Maize and products	..	..	..	..	..	..	..	0.00
6. Ragi and products	..	..	..	..	..	..	0.06	..
7. Barley and products	..	..	..	..	..	..	..	..
8. Small Millets and products	..	..	..	..	..	..	..	..
9. Total Cereals	..	7.20	7.24	7.52	0.03	11.37	13.63	16.64
10. Gram and products	..	..	..	0.05	0.01	0.01	0.05	0.12
11. Cereal Substitutes	..	2.50	0.69	3.11	2.62	2.35	2.49	3.21
No. of Sample households	..	1	4	13	22	30	73	125

## 7.3.2 (Contd.)

Rural

Items	Monthly per capita expenditure classes in rupees						
	43-55	55-75	75-100	100-150	150-200	200 and above	All Classes
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(1) Quantity (Kg. 0.00)							
1. Rice and products	6.64	8.64	11.01	11.81	20.41	16.41	6.97
2. Wheat and products	0.28	0.39	0.52	0.80	1.15	2.50	0.39
3. Jowar and products	..	..	..	..	..	..	..
4. Bajra and products	..	..	..	..	..	..	..
5. Maize and products	..	..	..	..	..	..	0.00
6. Ragi and products	0.01	..	..	..	..	..	0.01
7. Barley and products	..	..	..	..	..	..	..
8. Small Millets and products	..	..	..	..	..	..	..
9. Total Cereals	6.93	9.03	11.53	12.61	21.56	18.91	7.37
10. Cereal substitutes	6.63	6.96	7.41	7.47	4.85	10.00	6.40
11. Gram and products	0.06	0.35	0.13	0.59	1.15	..	0.12
(2) Value (Rs. 0.00)							
1. Rice and products	19.74	24.28	32.04	33.88	47.58	51.23	18.81
2. Wheat and products	0.47	0.02	0.86	2.38	1.17	5.01	0.56
3. Jowar and products	..	..	..	..	..	..	..
4. Bajra and products	..	..	..	..	..	..	..
5. Maize and products	..	..	..	..	..	..	0.00
6. Ragi and products	0.01	..	..	..	..	..	0.01
7. Barley and products	..	..	..	..	..	..	..
8. Small Millets and products	..	..	..	..	..	..	..
9. Total Cereals	20.22	24.30	32.90	36.26	48.75	56.24	19.38
10. Gram and products	0.33	0.64	0.20	0.64	1.15	..	0.21
11. Cereal substitutes	3.44	3.52	4.18	5.19	2.30	10.00	3.28
No. of Sample households	146	112	58	24	6	3	617

Source: N.S.S. 28th round.

**7.3.3. Quantity (Kg. 0.00) and value (Rs. 0.00) of consumption per person for a period of 30 days of items cereals gram and cereal substitutes by monthly per capita expenditure classes in Kerala during 1973-74**

Items	Monthly per capita expenditure classes in rupees							No. of Sample Blocks: 144
	0-13	13-15	15-18	18-21	21-24	24-28	28-34	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Quantity (Kg. 0.00)								
1. Rice and products	..	..	4.75	4.02	5.01	4.35	4.43	6.79
2. Wheat and products	..	..	0.00	0.19	0.35	0.63	0.51	0.52
3. Jowar and products	..	..	..	..	..	..	..	..
4. Bajra and products	..	..	..	..	..	..	..	..
5. Maize and products	..	..	..	..	..	..	..	..
6. Ragi and products	..	..	..	..	..	..	..	..
7. Barley and products	..	..	..	..	..	..	..	..
8. Small Millets	..	..	..	..	..	..	..	..
9. Total cereals	..	..	4.75	4.21	5.35	4.98	4.94	7.31
10. Gram and products	..	..	0.00	..	0.01	..	0.04	0.01
11. Cereal substitutes	..	..	2.50	2.53	2.07	3.82	3.09	4.30
Value (Rs. 0.00)								
1. Rice and products	..	..	7.98	8.31	9.69	11.24	11.70	16.36
2. Wheat and products	..	..	0.00	0.06	0.34	1.19	0.58	0.50
3. Jowar and products	..	..	..	..	..	..	..	..
4. Bajra and products	..	..	..	..	..	..	..	..
5. Maize and products	..	..	..	..	..	..	..	..
6. Ragi and products	..	..	..	..	..	..	..	..
7. Barley and products	..	..	..	..	..	..	..	..
8. Small Millets	..	..	..	..	..	..	..	..
9. Total Cereals	..	..	7.98	8.47	10.03	12.43	12.28	16.86
10. Gram and products	..	..	0.00	..	0.01	..	0.14	0.05
11. Cereal substitutes	..	..	2.50	1.91	1.33	1.97	1.51	2.01
No. of Sample households	..	..	1	5	6	6	15	39

Urban

Items	Monthly per capita expenditure classes in rupees						Total
	43-55	55-75	75-100	100-150	150-200	200 and above	
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	<i>(Quantity (Kg. 0.00))</i>						
1. Rice and products	6.77	6.79	10.63	8.79	8.04	10.33	7.08
2. Wheat and products	0.46	0.66	0.50	0.30	0.23	0.00	0.48
3. Jowar and products	..	..	..	..	..	..	..
4. Bajra and products	..	..	..	..	..	..	..
5. Maize and products	..	..	..	..	..	..	..
6. Ragi and products	..	..	..	..	..	..	..
7. Barley and products	..	..	..	..	..	..	..
8. Small Millets and products	..	..	..	..	..	..	..
9. Total Cereals	7.23	7.45	11.13	9.09	8.27	10.33	7.56
10. Gram and products	0.06	0.07	0.15	0.69	0.01	0.00	0.08
11. Cereal substitutes	4.66	3.72	3.82	1.63	0.00	6.70	3.83
	<i>Value (Rs. 0.00)</i>						
1. Rice and products	19.25	21.43	28.18	21.21	21.18	30.02	19.37
2. Wheat and products	0.69	1.09	0.66	0.25	0.46	0.04	0.69
3. Jowar and products	..	..	..	..	..	..	..
4. Bajra and products	..	..	..	..	..	..	..
5. Maize and products	..	..	..	..	..	..	..
6. Ragi and products	..	..	..	..	..	..	..
7. Barley and products	..	..	..	..	..	..	..
8. Small Millets and products	..	..	..	..	..	..	..
9. Total Cereals	19.94	22.52	28.84	21.46	21.64	30.06	20.06
10. Gram and products	0.24	0.32	0.42	2.04	0.05	..	0.28
11. Cereal substitutes	2.50	2.24	2.25	0.54	0.00	2.71	2.08
No. of Sample households	43	46	32	15	8	10	217

Source: N.S.S. 28th round.



VIII. CLIMATE AND RAINFALL

THE UNIVERSITY OF CHICAGO

## VIII. CLIMATE AND RAINFALL

## 8.1 Temperature in Selected Centres in Kerala (Annual) (In Degree Centigrade)

Sl. No.	Name of Centre	1978		1979		1980		1981	
		Maxi- mum	Mini- mum	Maxi- mum	Mini- mum	Maxi- mum	Mini- mum	Maxi- mum	Mini- mum
1	Trivandrum	30.9	23.3	31.2	23.7	33.2	21.9	33.2	21.6
2	Punalur	32.7	22.8	33.2	23.2	35.8	20.4	35.1	20.6
3	Alleppey	30.8	24.2	31.3	24.6	33.2	22.1	33.0	21.8
4	Fort Cochin	30.7	24.1	30.8	24.1	33.1	21.9	32.9	22.0
5	Palghat	32.4	22.6	32.9	23.3	35.1	21.2	35.2	18.5
6	Kozhikode	30.6	23.9	31.0	24.4	32.5	22.2	32.3	21.7

Source: Meteorological Centre, Trivandrum.

## 8.2 Relative humidity at selected Centres

Month	Year	Trivandrum		Punalur		Alleppey		Cochin Airport		Palghat		Kozhikode	
		08-30	17-30	08-30	17-30	08-30	17-30	08-30	17-30	08-30	17-30	08-30	17-30
		IST	IST	IST	IST	IST	IST	IST	IST	IST	IST	IST	IST
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
January	1978	77	65	78	38	73	65	74	63	75	44	77	65
	1979	76	65	82	42	74	67	73	58	79	51	77	70
	1980	72	58	77	42	68	59	68	54	73	54	73	59
	1981	77	64	83	47	75	64	77	60	72	46	76	64
February	1978	75	63	76	40	77	67	78	62	78	42	77	69
	1979	83	67	88	52	80	71	79	65	83	56	75	67
	1980	74	62	76	45	77	67	76	61	69	37	80	69
	1981	78	60	83	43	78	72	77	63	61	29	78	67
March	1978	82	69	83	53	79	72	76	67	83	50	74	70
	1979	79	66	82	54	76	71	74	64	80	44	74	56
	1980	77	67	79	55	77	70	75	66	74	43	75	67
	1981	77	65	79	50	75	71	72	65	69	40	73	66
April	1978	81	72	87	64	79	73	77	68	85	60	73	72
	1979	77	69	86	66	75	72	74	67	79	49	75	71
	1980	80	73	84	70	79	74	75	70	83	56	76	71
	1981	79	72	86	65	78	72	78	69	77	53	73	71
May	1978	86	82	91	73	85	79	84	77	83	61	81	77
	1979	81	72	89	67	80	75	78	70	78	58	76	72
	1980	80	73	87	65	81	76	77	69	85	66	78	72
	1981	81	72	87	68	80	76	77	69	80	59	77	74
June	1978	87	78	92	76	92	88	90	83	94	84	93	87
	1979	87	79	92	77	89	84	87	80	90	79	84	71
	1980	89	82	94	81	91	86	82	86	90	84	91	87
	1981	91	83	95	85	94	90	92	86	91	86	94	91

## 8.2 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
July	1978	88	81	93	82	93	90	90	84	94	87	92	88
	1979	89	80	NA	NA	92	88	90	84	NA	NA	93	85
	1980	91	78	93	80	93	89	92	88	91	86	93	89
	1981	88	78	94	79	91	86	90	83	87	79	91	89
August	1978	91	82	94	81	94	88	90	84	94	86	93	89
	1979	..	..	..	..	..	NA	..	..	..	..	..	..
	1980	89	78	93	72	92	86	90	81	91	83	92	85
	1981	89	79	93	76	92	88	89	82	90	82	95	91
September	1978	85	76	91	68	89	81	85	77	90	70	84	84
	1979	..	..	..	..	..	..	..	..	..	..	..	..
	1980	84	76	90	71	88	84	83	76	87	73	90	83
	1981	89	82	94	80	91	87	90	82	88	84	91	85
October	1978	88	81	91	73	81	77	85	77	87	69	84	79
	1979	..	..	..	..	..	..	..	..	..	..	..	..
	1980	86	82	92	78	87	79	84	76	85	76	86	79
	1981	84	78	92	77	85	79	84	77	85	77	85	80
November	1978	83	77	94	70	81	74	82	74	80	63	83	75
	1979	..	..	..	..	..	..	..	..	..	..	..	..
	1980	85	77	NA	NA	82	73	79	70	74	67	83	72
	1981	86	79	NA	NA	87	78	85	73	79	62	81	73
December	1978	81	71	85	56	74	65	72	62	75	64	76	70
	1979	..	..	..	..	..	..	..	..	..	..	..	..
	1980	81	70	84	65	84	71	79	66	75	57	79	67
	1981	76	67	NA	NA	80	69	76	60	69	57	76	66

Source: Meteorological Centre, Trivandrum.

N. A. Not available

## 8.3 Rainfall (in mm)

District	Normal rainfall	Average rainfall during the year			
		1978	1979	1980	1981
Trivandrum	2001.6	1536.0	1369.4	1305.00	1523.40
Quilon	2760.2	1392.9	3445.6	3606.00	3766.60
Alleppey	3012.0	1817.5	1390.3	2810.40	3085.00
Kottayam	3462.6	2179.3	1398.4	2825.40	2822.80
Idukki	2898.8	2581.9	1802.7	2597.80	3163.10
Ernakulam	3548.5	3048.4	2211.3	3293.00	2974.60
Trichur	3177.4	2894.1	1823.6	3499.90	3470.90
Palghat	2397.7	1222.2	1568.3	2842.20	3331.00
Malappuram	2900.1	2812.2	1439.7	2969.30	NR
Kozhikode	3796.0	2574.4	2093.8	2567.10	2359.00
Cannanore	3437.9	3490.4	2737.2	3155.90	3473.70
State	3017.6	2322.7	1934.6	2861.1	2977.0

Source: Directorate of Economics and Statistics

N.R.—Not Reported.

## 8.4.1- District-wise Average Monthly Distribution of Rainfall in Kerala (in mms.) for the year 1979

District	January	February	March	April	May	June	July	August	September	October	November	December	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	1-0	72-5	35-7	43-7	88-8	539-8	172-3	121-3	167-9	93-6	303-7	43-3	1369-4
Quilon	5-7	67-0	14-3	104-8	144-6	680-6	764-8	421-0	554-9	536-3	961-8	65-4	3445-7
Alleppey	3-8	6-6	5-9	37-2	126-5	633-9	358-4	129-7	186-4	155-0	213-8	46-8	1390-3
Kottayam	1-0	15-2	3-1	54-6	92-3	775-3	405-9	201-1	222-7	181-7	337-5	64-4	1398-4
Idukki	..	30-3	16-3	42-3	203-3	420-6	437-3	327-5	198-7	141-9	354-7	26-8	1802-7
Ernakulam	9-8	31-8	11-4	45-7	103-3	828-0	686-7	301-1	301-1	271-0	312-5	18-9	2211-3
Trichur	..	16-4	11-6	55-8	137-7	813-7	846-1	490-6	324-5	146-8	255-4	2-9	1823-6
Palghat	..	35-4	1-8	53-1	96-5	477-2	662-1	397-8	140-8	290-6	340-9	4-3	1568-3
Malappuram	x	21-0	..	51-0	133-9	678-7	876-8	544-2	x	185-1	x	26-7	1439-7
Kozhikode	9-2	2-9	4-4	55-8	236-6	757-5	814-5	489-9	113-5	345-2	224-3	7-2	2093-8
Cannanore	0-5	5-1	1-1	26-4	54-9	594-9	1233-4	629-9	215-7	75-8	119-0	12-5	2737-2

Source: Directorate of Economics and Statistics.

x--Data not received

.. Nil

## 8.4.2- District-wise Monthly Distribution of Rainfall in Kerala (in mms.) for the year 1980

District	January	February	March	April	May	June	July	August	September	October	November	December	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	..	25-5	..	12-6	58-2	318-5	185-5	158-5	81-6	154-8	138-1	57-9	1305-1
Quilon	x	65-8	0-9	406-6	89-1	913-4	394-3	461-8	322-8	276-6	183-8	80-9	3099-9
Alleppey	x	..	0-6	84-9	136-1	662-0	748-8	463-7	155-8	325-1	185-0	48-4	2810-4
Kottayam	x	17-1	2-9	90-4	102-9	766-6	751-0	522-0	128-0	234-0	187-0	23-9	2925-2
Idukki	x	48-8	..	75-4	144-1	511-8	627-5	392-6	185-7	310-5	215-5	86-0	2597-8
Ernakulam	x	33-0	1-7	145-1	148-0	802-3	923-6	433-1	120-9	337-5	298-7	49-2	3292-0
Trichur	x	1-8	0-1	82-7	119-2	954-5	1152-3	532-2	112-3	354-8	183-2	6-8	3499-9
Palghat	x	31-6	..	120-9	124-1	772-5	729-0	414-9	163-0	839-1	90-9	56-2	2842-2
Malappuram	x	9-8	..	62-7	65-6	929-8	950-4	316-0	70-0	306-0	222-0	7-0	2969-3
Kozhikode	x	1-6	..	221-4	59-0	694-6	732-7	428-0	128-7	156-0	135-2	9-9	2567-1
Cannanore	x	5-6	..	134-8	76-0	917-2	849-8	729-2	190-4	158-8	90-4	3-7	3155-9

x--Data not received

.. Nil

## 8.4.3- District-wise Monthly Distribution of Rainfall in Kerala (in mms.) for the year 1981

District	January	February	March	April	May	June	July	August	September	October	November	December	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	24.4	11.9	24.1	132.3	102.2	415.0	126.2	96.4	164.7	236.1	176.1	14.0	1323.4
Quilon	17.6	5.4	39.0	132.9	222.7	1410.8	799.1	292.3	397.7	264.7	178.4	18.4	3779.0
Alleppey	10.1	2.9	5.4	102.5	234.4	846.5	388.7	473.3	468.6	397.6	99.8	36.0	3063.8
Kottayam	9.3	6.5	20.6	37.3	104.3	935.1	411.9	645.7	483.9	132.8	166.5	25.9	2922.8
Idukki	7.9	10.9	43.3	57.2	138.1	920.5	521.3	467.0	395.2	279.5	143.8	178.4	3163.1
Ernakulam	13.1	14.0	24.0	102.1	74.2	878.3	407.0	384.9	368.3	826.0	156.1	26.6	2974.6
Trichur	..	0.3	8.3	99.0	236.9	1174.6	421.2	439.9	586.7	303.7	172.2	28.1	3470.9
Palghat	..	..	61.0	95.2	201.7	293.6	641.5	739.6	360.5	232.4	99.0	1.5	3331.0
Malappuram	..	..	x	x	x	x	x	x	x	x	x	x	x
Kozhikode	0.3	..	1.2	x	133.0	636.0	415.9	443.9	325.4	289.7	99.4	24.2	2359.0
Cannanore	9.2	4.7	11.2	11.9	161.0	1058.8	806.1	725.8	303.6	245.7	106.7	29.0	3473.7

x - Data not received

.. Nil

## 8.5 Rainfall at Rain Recording Stations-1979

Stations	January	February	March	April	May	June	July	August	September	October	November	December	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	x	x	x	x	x	x	x	x	x	x	x	x	x
District													
Ponnudi	x	x	75.0	13.0	33.0	1623.5	214.9	125.0	x	x	x	x	x
Varkala	x	x	..	108.0	43.2	444.5	118.8	43.0	x	128.3	351.7	x	2564.4
Attungal	x	x	..	57.0	71.3	270.2	110.5	86.1	116.0	83.0	183.0	44.0	1278.7
Nedumangad	3.1	73.3	40.5	43.8	117.3	445.9	183.3	178.0	127.8	106.8	262.2	33.6	1125.5
Trivandrum	x	x	x	x	x	x	x	x	x	x	x	x	x
Neyyattinkara	x	x	x	x	x	x	x	x	x	x	x	x	x
Parassala	x	x	x	x	x	x	x	x	x	x	x	x	x
Trivandrum	..	98.3	35.8	58.0	97.0	337.4	185.0	132.0	x	x	x	7.2	7.2
Vellayani	..	87.0	..	14.0	132.0	275.0	213.0	126.0	211.9	57.0	375.4	63.9	1651.7
Kovalam	x	81.4	27.4	12.1	127.8	382.0	180.5	159.1	226.0	49.0	325.0	42.0	1489.0
Total	3.1	435.2	178.7	305.9	621.6	3778.5	1206.0	849.2	157.7	134.5	x	x	1262.5
Average	1.0	72.5	35.7	43.7	88.8	539.8	172.3	121.3	839.4	655.3	1822.3	260.0	10955.2
									167.9	93.6	303.7	43.3	1369.4

*Quilon District*

Pathanamthitta	x	12.7	x	165.9	x	69.4	x	151.8	x	97.8	x	179.2	x	433.3	x	208.8	x	431.4	x	613.8	x	302.5	x	88.8	x	2755.4
Konni	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Adoor	x	..	x	..	x	..	x	35.0	x	15.0	x	371.7	x	303.1	x	273.1	x	..	x	162.1	x	..	x	214.0	x	1374.0
(Kunnathur)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Karunagappally	x	..	x	..	x	..	x	35.0	x	15.0	x	371.7	x	303.1	x	273.1	x	..	x	162.1	x	..	x	214.0	x	1374.0
Punalur	x	..	x	..	x	..	x	35.0	x	15.0	x	371.7	x	303.1	x	273.1	x	..	x	162.1	x	..	x	214.0	x	1374.0
(Pathanapuram)	x	..	x	..	x	..	x	35.0	x	15.0	x	371.7	x	303.1	x	273.1	x	..	x	162.1	x	..	x	214.0	x	1374.0
Kottarakkara	x	..	x	..	x	..	x	35.0	x	15.0	x	371.7	x	303.1	x	273.1	x	..	x	162.1	x	..	x	214.0	x	1374.0
Aryankavu	x	..	x	..	x	..	x	35.0	x	15.0	x	371.7	x	303.1	x	273.1	x	..	x	162.1	x	..	x	214.0	x	1374.0
Quilon	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Paravur	x	..	x	..	x	..	x	35.0	x	15.0	x	371.7	x	303.1	x	273.1	x	..	x	162.1	x	..	x	214.0	x	1374.0
Kayamkulam	x	..	x	..	x	..	x	35.0	x	15.0	x	371.7	x	303.1	x	273.1	x	..	x	162.1	x	..	x	214.0	x	1374.0
Kulathupuzha	x	..	x	..	x	..	x	35.0	x	15.0	x	371.7	x	303.1	x	273.1	x	..	x	162.1	x	..	x	214.0	x	1374.0
Chadaya.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
mangalam	10.0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	22.7	602.8	128.3	943.5	1301.3	6125.1	6118.0	2946.7	2774.6	3753.9	5770.8	523.3	31011.0	558.4	538.4											
Average	5.7	67.0	14.3	104.8	144.6	680.6	764.8	421.0	354.9	536.3	961.8	65.4	3445.6													

*Alleppey District*

Arukutty	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..
Sherthallai	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alleppey	x	7.6	..	x	7.6	..	x	7.6	..	x	7.6	..	x	7.6	..	x	7.6	..	x	7.6	..	x	7.6	..	x	7.6
Ambalapuzha	x	7.6	..	x	7.6	..	x	7.6	..	x	7.6	..	x	7.6	..	x	7.6	..	x	7.6	..	x	7.6	..	x	7.6
Thiruvalla	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..
Chengannur	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..
Haripad	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..
Mavelikkara	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..
Kayamkulam	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..
Total	7.6	13.1	17.8	148.9	506.1	2535.7	1433.7	389.2	559.3	465.0	641.3	233.8	6951.5	42.0	42.0											
Average	3.8	6.6	5.9	37.2	126.5	633.9	358.4	129.7	186.4	155.0	213.8	46.8	1390.3													

*Kottayam District*

Vaikom	1.0	7.1	7.1	59.5	114.0	1074.1	596.4	360.4	292.5	297.1	306.9	38.0	3154.1													
Palai	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..
Ettumanur	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..
Kanjirappally	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..
Kottayam	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..
Changanacherry	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..
Kottayam	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..
Kumarakam	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..	x	..
Total	1.0	60.6	12.5	218.3	369.1	2325.9	1217.8	603.4	668.1	545.2	712.6	257.4	6991.9													
Average	1.0	15.2	3.1	54.6	92.3	775.3	405.9	201.1	222.7	181.7	237.5	64.4	1398.4													

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
<i>Idukki District</i>													
Chinnar	x	x	x	x	x	x	x	x	x	x	x	x	x
Marayar	x	78.3	6.2	31.0	95.1	219.2	140.0	x	182.0	141.0	x	x	x
Munnar	x	x	x	x	346.4	x	x	210.0	x	x	485.9	x	x
Devikulam	x	..	..	..	x	609.9	542.0	532.0	109.0	x	x	x	x
Kumali	x	x	x	x	x	x	x	x	x	x	x	x	x
Peermedu	x	64.0	..	10.0	292.4	715.0	816.7	429.7	282.3	97.0	634.0	..	3341.1
Peermedu (Residency)	x	x	x	x	x	x	x	x	x	x	x	x	x
Vandan Mettu	..	..	40.6	20.3	246.5	12.7	20.4	18.2	8.3	4.2	15.1	..	386.3
Vellur	x	8.0	x	x	89.8	272.7	343.0	230.0	262.0	97.0	174.0	8.9	1485.4
Karikode													
(Thodupuzha)	x	31.2	34.5	150.0	179.7	694.2	761.5	545.2	398.6	370.5	464.3	98.4	3728.1
Total	..	181.5	81.3..	211.3	1249.9	2523.7	2623.6	1965.1	1192.2	709.7	1773.3	107.3	12618.9
Average	..	30.3	16.3	42.3	208.3	420.6	437.3	327.5	198.7	141.9	354.7	26.8	1802.7
<i>Ernakulam District</i>													
Malayattur	4.5	4.5	11.0	94.3	66.4	425.9	462.7	x	x	x	x	x	1069.3
Parur	x	25.0	x	..	70.0	798.0	x	x	x	x	x	..	393.0
Perumbavur	x	x	x	x	x	x	x	x	x	x	x	x	x
Alwaye	3.7	33.9	0.8	20.8	150.6	924.4	683.2	473.5	241.5	246.4	363.9	27.2	3369.9
Neriyamangalam	x	x	x	x	x	x	x	x	x	x	x	x	x
Piravam	17.4	66.9	29.3	77.5	126.1	825.9	714.3	335.5	338.9	320.3	281.4	48.4	3176.9
Ernakulam	x	x	x	x	x	x	x	x	x	x	x	x	x
Muvattupuzha	x	x	x	x	x	x	x	x	x	x	x	x	x
Cochin	13.5	28.6	4.6	36.0	103.2	1165.6	x	323.5	334.0	246.4	292.2	..	2547.6
Total	39.1	138.9	45.7	228.6	516.3	4139.8	2060.2	1132.5	909.4	813.1	937.5	75.6	11056.7
Average	9.8	31.8	11.4	45.7	103.3	828.0	666.7	377.5	303.1	271.0	312.5	18.9	2211.3
<i>Trichur District</i>													
Cranganur	x	x	x	x	35.0	724.0	769.0	181.0	200.0	73.1	131.0	3.0	2316.1
Mukundapuram	..	22.0	x	x	105.0	1015.0	x	566.0	238.0	130.0	235.0	..	2402.0
Trichur	..	10.0	x	x	139.0	x	x	x	x	x	x	x	149.0
Thalappally	x	22.0	3.2	46.5	155.1	x	x	x	x	x	x	x	226.8
(Manmathy)													
Ollukara	x	x	x	x	x	x	929.8	462.6	205.4	127.3	317.4	..	2042.5
Peechi	x	x	31.5	86.3	259.4	702.2	969.4	602.1	255.2	175.6	x	..	3081.7
Chalakudy	x	11.6	..	34.7	132.6	x	716.0	441.5	703.9	178.0	317.1	11.7	2547.1
Total	..	65.6	34.7	167.5	826.1	2441.2	3384.2	2453.2	1622.5	734.0	1021.5	14.7	12765.2
Average	..	16.4	11.6	59.8	137.7	813.7	846.1	490.6	324.5	146.8	255.4	2.9	1823.6



<b>Palghat District</b>												
Alathur	18.0	..	10.8	x	346.0	616.7	x	384.0	x	318.0	x	963.5
Palghat	58.6	x	70.4	x	568.0	498.8	x	491.0	x	318.0	x	1510.2
Parali	x	x	x	x	64.0	x	x	x	x	x	x	x
Ottappalam	x	..	50.0	x	652.0	670.0	x	491.0	x	454.0	x	1919.0
Cherplassy	52.0	..	98.6	x	267.9	998.0	x	260.0	x	17.0	x	3201.0
Mannarghat	x	4.2	63.5	x	612.3	376.3	x	241.7	x	..	x	102.8
Chittur	31.4	x	25.0	x	147.3	913.0	x	474.1	x	250.6	x	1075.8
Paitamby	15.2	4.6	318.3	x	2386.2	3972.8	x	1590.8	x	1022.6	x	2805.5
Total	175.2	8.8	318.3	482.5	2386.2	3972.8	1590.8	422.4	581.2	1022.6	17.0	10977.8
Average	35.4	1.8	53.1	96.5	477.2	662.1..	397.8	140.8	290.6	340.9	4.3	1568.3
<b>Malappuram District</b>												
Perinthalmanna	31.0	..	14.0	87.7	594.2	876.8	544.2	187.2	x	2335.1	x	1230.0
Ponnani	11.0	x	83.0	x	948.0	x	x	183.0	x	x	x	..
Manjeri	x	x	x	x	x	x	x	x	x	x	x	..
Firurangadi	x	x	x	x	x	x	x	x	x	x	x	..
Nilambur	x	x	x	180.0	494.1	x	x	x	x	x	..	754.1
Total	42.0	..	102.0	267.7	2036.3	876.8	544.2	370.2	x	80.0	80.0	4319.2
Average	21.0	..	51.0	133.9	678.7	876.8	544.2	163.1	x	26.7	26.7	1439.7
<b>Kozhikode District</b>												
Chedleth range	9.2	10.2	111.6	622.6	x	396.6	462.6	72.6	x	279.7	4.0	1979.5
(Kuttiadi)	..	1.9	55.8	93.9	720.2	1090.3	467.1	92.5	x	213.2	17.5	2887.3
Kozhikode	x	10.0	x	x	x	x	x	x	x	x	x	10.0
Vythiri	x	..	..	140.0	1188.0	1266.0	643.0	116.0	x	x	..	3353.0
Quilandy	1.0	..	x	90.0	799.7	964.7	551.2	94.3	x	x	x	2364.1
Badagara	x	x	x	x	322.0	355.0	325.5	236.0	x	180.0	x	1769.0
Muthanga	x	x	167.4	946.5	3029.9	4072.6	2449.4	454.1	725.9	672.9	21.5	12582.9
Total	11.4	22.1	55.8	236.6	757.5	814.5	489.9	345.2	345.2	224.3	7.2	2093.8
Average	2.9	4.4	11.2	59.1	189.8	203.6	122.2	113.5	113.5	56.1	1.8	523.3
<b>Cannanore District</b>												
Kasargode	5.2	..	15.4	14.2	921.2	1428.2	562.6	266.6	35.4	99.4	36.0	3384.2
Thaliparamba	..	..	..	35.0	..	1117.0	x	x	x	x	2.0	1154.0
Cannanore	x	x	x	x	x	x	x	x	x	x	x	x
Hosdurg	x	1.2	1.2	45.3	929.1	1378.5	615.6	263.4	71.5	168.6	..	3474.4
Tellicherry	x	x	x	x	x	x	x	x	x	x	x	x
Brikkr	x	x	x	x	x	x	x	x	x	x	x	x
Payannur	x	x	x	x	35.3	1295.0	663.4	x	99.9	x	x	x
Mananthoddy	41.0	4.5	49.8	94.2	499.3	867.0	860.8	204.7	69.3	120.6	10.4	2224.6
Mahe	..	..	63.8	85.9	910.6	1286.2	528.4	128.0	121.6	125.8	..	2786.5
Kasargode	x	x	x	x	868.8	1261.0	543.0	x	56.8	103.5	51.5	3252.3
Total	41.0	5.7	132.2	274.6	4164.3	8632.9	3773.8	862.7	454.5	713.8	99.9	2884.6
Average	5.1	1.1	26.4	54.9	594.9	1233.4	628.9	215.7	75.8	119.0	12.5	2737.2

x Data not received.

.. Nil.

8.6-Rainfall at Rain Recording Stations-1980

Stations	January	February	March	April	May	June	July	August	September	October	November	December	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
<b>Trivandrum District</b>													
Ponmudi	x	x	x	x	x	x	x	x	x	x	x	x	x
Varkala	..	27.0	..	103.1	49.9	386.8	370.9	306.3	49.1	318.2	154.8	72.2	1838.3
Attingal	x	27.6	..	134.0	24.2	320.4	93.0	40.0	22.0	19.0	68.3	7.0	755.5
Nedumangad	x	x	..	x	38.0	193.8	114.1	121.0	75.2	142.2	215.0	76.0	975.5
Trivandrum (B)	x	21.9	..	82.6	128.9	361.6	x	163.3	179.9	x	150.6	81.6	1180.4
Neyyatinkara	x	x	x	x	x	x	x	x	x	x	x	x	x
Parassala	x	x	x	x	x	x	x	x	x	x	x	x	x
Trivandrum (AM)	x	x	x	x	x	x	x	x	x	x	x	x	x
Vellayani	x	x	x	176.0	50.0	330.0	164.0	162.0	x	140.0	102.0	52.5	1176.5
Kovalam	x	x	x	x	x	x	x	x	x	x	x	x	x
Total	..	76.5	..	505.7	291.0	1592.6	742.0	792.6	326.2	619.4	690.7	289.3	5926.2
Average	..	25.5	..	126.4	158.2	318.5	183.5	158.5	81.6	154.8	138.1	57.9	1805.1
<b>Quilon District</b>													
Pathanamthitta	x	x	x	x	x	x	x	x	x	x	x	x	x
Konni	x	54.7	2.6	282.5	188.0	557.5	732.6	325.6	177.0	470.7	289.8	149.6	3230.6
Adoor	x	x	x	64.0	60.0	x	401.0	x	207.0	356.0	82.3	61.0	1231.3
(Kunnathur)	x	x	x	x	x	x	x	x	x	x	x	x	x
Karunagappally	x	x	x	x	x	x	x	x	x	x	x	x	x
Punalur	x	x	x	x	x	x	x	x	x	x	x	x	x
(Pathanapuram)	x	27.5	..	225.9	142.6	496.2	448.7	247.3	157.6	178.8	224.3	124.6	2273.5
Kottarakkara	x	5.0	2.5	23.6	36.0	187.0	503.0	293.5	200.0	176.0	249.0	28.0	1703.6
Aryankavu	x	20.6	..	x	47.4	282.4	232.0	222.8	101.0	130.8	124.8	63.0	1224.8
Quilon	x	..	..	58.3	90.5	451.4	517.5	285.9	60.8	x	212.8	98.7	1775.9
Paravoor	x	x	x	x	x	x	x	x	x	x	x	x	x
Kayamkulam	x	x	1.0	166.6	x	555.4	611.2	282.9	136.0	347.0	103.3	41.7	2245.1
Kulathupuzha	x	352.5	..	2025.0	52.2	4122.2	3492.5	1574.5	1543.0	x	x	x	13161.9
Chadayamangalam (Nilamal)	x	x	x	x	96.3	653.8	300.3	x	x	x	x	x	1052.4
Total	x	460.3	6.1	2845.9	713.0	7307.9	7238.8	3232.5	2582.4	1659.3	1286.3	566.6	27899.1
Average	x	65.7	0.9	406.6	89.1	913.4	804.3	461.8	322.8	276.6	183.8	80.9	3099.9



## 8.6.—(Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
<i>Ernakulam District</i>													
Malayattur	x	x	x	x	x	474.5	x	x	x	x	x	x	474.5
Parur	x	x	x	x	x	x	x	x	x	x	x	x	1134.9
Perumbavur	x	x	x	x	15.0	575.4	324.0	140.5	5.0	64.0	11.0	..	2914.6
Always	x	x	x	129.3	x	865.4	818.6	439.3	146.4	313.5	178.3	23.8	
Neriya-													
mangalam	x	x	x	279.5	386.7	1096.5	1760.5	707.7	271.5	702.8	637.5	113.0	5955.7
Piravam	x	x	x	97.7	x	876.9	902.9	477.8	107.5	217.4	447.6	58.8	3186.6
Ernakulam	x	x	x	x	x	x	x	x	x	x	x	x	x
Muvattupuzha	x	x	x	x	x	x	x	x	x	x	x	x	x
Cochin (b)	x	33.0	3.4	73.8	42.4	925.1	812.0	400.2	73.9	389.8	218.9	50.1	3022.6
Total	x	33.0	3.4	580.3	444.1	4813.8	4618.0	2165.5	604.3	1687.5	1493.3	245.7	16688.9
Average	x	33.0	1.7	145.1	148.0	802.3	923.6	433.1	120.9	337.5	298.7	49.2	3292.0
<i>Trichur District</i>													
Cranganur	x	4.0	..	16.2	80.0	802.0	832.0	489.0	111.0	362.0	92.0	x	2788.2
Mukundapuram	x	x	..	x	x	x	1333.8	x	x	x	x	x	1333.8
Trichur	x	x	x	x	103.0	1202.3	x	x	x	x	x	x	1305.3
Thalappally	x	x	..	x	x	x	x	x	x	x	x	x	x
Ollukkara													
(AM)	x	..	0.4	135.3	185.0	885.4	1245.8	559.0	110.2	360.7	212.6	..	3694.4
Peechi	x	..	..	114.1	115.3	x	x	574.6	115.6	341.8	238.6	x	1500.0
Chalakkudy	x	3.0	..	65.0	112.5	928.3	1197.5	506.0	x	x	189.5	13.5	3015.3
Total	x	7.0	0.4	330.6	595.8	3818.0	4609.1	2128.6	336.8	1064.5	732.7	13.5	13637.0
Average	x	1.8	0.1	82.7	119.2	954.5	1152.3	532.2	112.3	354.8	183.2	6.8	3499.9
<i>Palghat District</i>													
Alathur	x	54.0	..	41.9	144.0	593.5	673.0	x	x	x	x	x	1506.4
Palghat	x	x	x	127.0	x	x	x	x	x	x	x	x	127.0
Parali	x	x	x	126.5	x	x	x	548.4	162.1	509.0	50.0	5.5	1401.5
Ottappalam	x	x	x	x	x	x	791.0	395.0	221.0	x	x	x	1407.0
Cherplassery	x	30.0	..	188.0	178.0	794.0	588.0	324.0	127.0	270.0	x	105.00	2604.0
Mannarghat	x	x	x	x	123.4	x	x	x	x	x	x	x	123.4
Chittur	x	x	..	x	x	x	x	x	x	x	x	x	x
Pattambi (AM)	x	10.9	x	x	51.0	930.0	863.9	392.0	142.1	238.2	131.8	58.0	2817.9
Total	x	94.9	..	483.4	496.4	2317.5	2915.9	1659.4	652.2	1017.2	181.8	168.5	9987.2
Average	x	31.6	..	120.9	124.1	772.5	729.0	414.9	163.0	339.1	90.9	56.2	2842.2

*Malappuram District*

Perinthalmanna	x	7.2	97.4	x	64.0	x	602.4	x	916.5	x	316.0	x	70.0	x	306.0	x	222.0	x	104.6
Ponnani	x	19.2	30.0	x	64.0	x	602.4	x	916.5	x	316.0	x	70.0	x	306.0	x	222.0	x	2552.9
Manjeri	x	x	59.0	x	50.0	x	1041.0	x	967.0	x	x	x	x	x	x	x	x	x	59.0
Thirurangadi	x	13.0	68.0	x	82.7	x	1145.9	x	1057.8	x	x	x	x	x	x	x	x	x	2199.2
Nilambur	x	..	59.1	x	196.9	x	2789.3	x	2941.3	x	316.0	x	70.0	x	306.0	x	222.0	x	2345.5
Total	x	39.2	313.5	..	65.6	..	929.8	..	980.4	..	316.0	..	70.0	..	306.0	..	222.0	..	7201.2
Average	x	9.8	62.7	..	65.6	..	929.8	..	980.4	..	316.0	..	70.0	..	306.0	..	222.0	..	2969.3

*Kozhikode District*

Kozhikode	x	1.7	169.0	x	50.2	..	1256.6	..	1066.8	..	508.7	..	99.9	..	329.2	..	130.3	..	3620.0
Vithiri	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Quilandi	x	3.2	x	x	8.4	..	809.0	..	646.3	..	538.8	..	138.8	..	112.1	..	192.3	..	2473.9
Badagara	x	x	x	x	78.0	..	822.0	..	485.1	..	470.5	..	182.6	..	110.1	..	167.0	..	2322.3
Kuttiadi	x	..	273.7	x	99.3	x	x	x	x	x	x	x	x	x	x	x	x	x	373.0
Muthanga	x	x	x	x	x	x	45.9	x	x	x	194.0	x	93.5	..	72.5	..	51.0	..	456.9
Kuppadi	x	x	x	x	x	x	539.4	x	x	x	x	x	x	x	x	x	x	x	539.4
Total	x	4.9	442.7	..	235.9	..	3472.9	..	2198.2	..	1712.0	..	514.8	..	623.9	..	540.6	..	9785.5
Average	x	1.6	221.4	..	59.0	..	694.6	..	732.7	..	428.0	..	128.7	..	156.0	..	135.2	..	2567.1

*Cannanore District*

Kasargod	x	x	78.6	..	95.8	..	803.1	..	814.0	..	832.5	..	188.0	..	142.7	..	95.3	..	3049.8
Thalipparamba	x	..	72.2	..	169.5	..	1056.5	..	960.5	..	783.5	..	298.5	..	179.0	..	101.0	..	3620.7
Cannanore	x	12.0	188.1	x	25.2	x	1417.7	x	744.0	x	744.0	x	133.3	x	192.4	x	78.3	x	2795.4
Hosdurg	x	x	106.7	..	51.7	..	738.7	..	729.6	..	750.0	..	199.2	..	203.0	..	88.4	..	2873.3
Tellicherry	x	..	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Erikur	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Payyannur	x	..	122.5	..	81.5	..	x	..	719.0	..	x	..	157.7	..	74.7	..	42.0	..	1206.7
Mananthody	x	27.5	217.3	..	67.8	..	880.4	..	1044.1	..	485.9	..	155.5	..	x	..	110.5	..	2991.5
Mahe	x	..	158.4	..	47.2	..	1322.1	..	849.6	..	694.5	..	126.6	..	183.1	..	69.2	..	3462.7
Kasargode	x	..	..	..	59.5	..	787.8	..	831.8	..	814.0	..	264.0	..	131.4	..	138.8	..	3107.4
(Agromet)	x	x	189.2	x	86.2	x	330.9	x	x	x	x	x	x	x	x	x	x	x	606.3
Chedloth	x	..	..	..	684.4	..	7337.2	..	5948.6	..	5104.4	..	1522.8	..	1111.3	..	723.5	..	23713.8
Total	x	39.5	1213.1	..	76.0	..	917.2	..	849.8	..	729.2	..	190.4	..	158.8	..	90.4	..	3155.9
Average	x	5.6	134.8	..	76.0	..	917.2	..	849.8	..	729.2	..	190.4	..	158.8	..	90.4	..	3155.9

x Data not received

.. Nil

8-7-Rainfall at Rain Recording Stations--1981

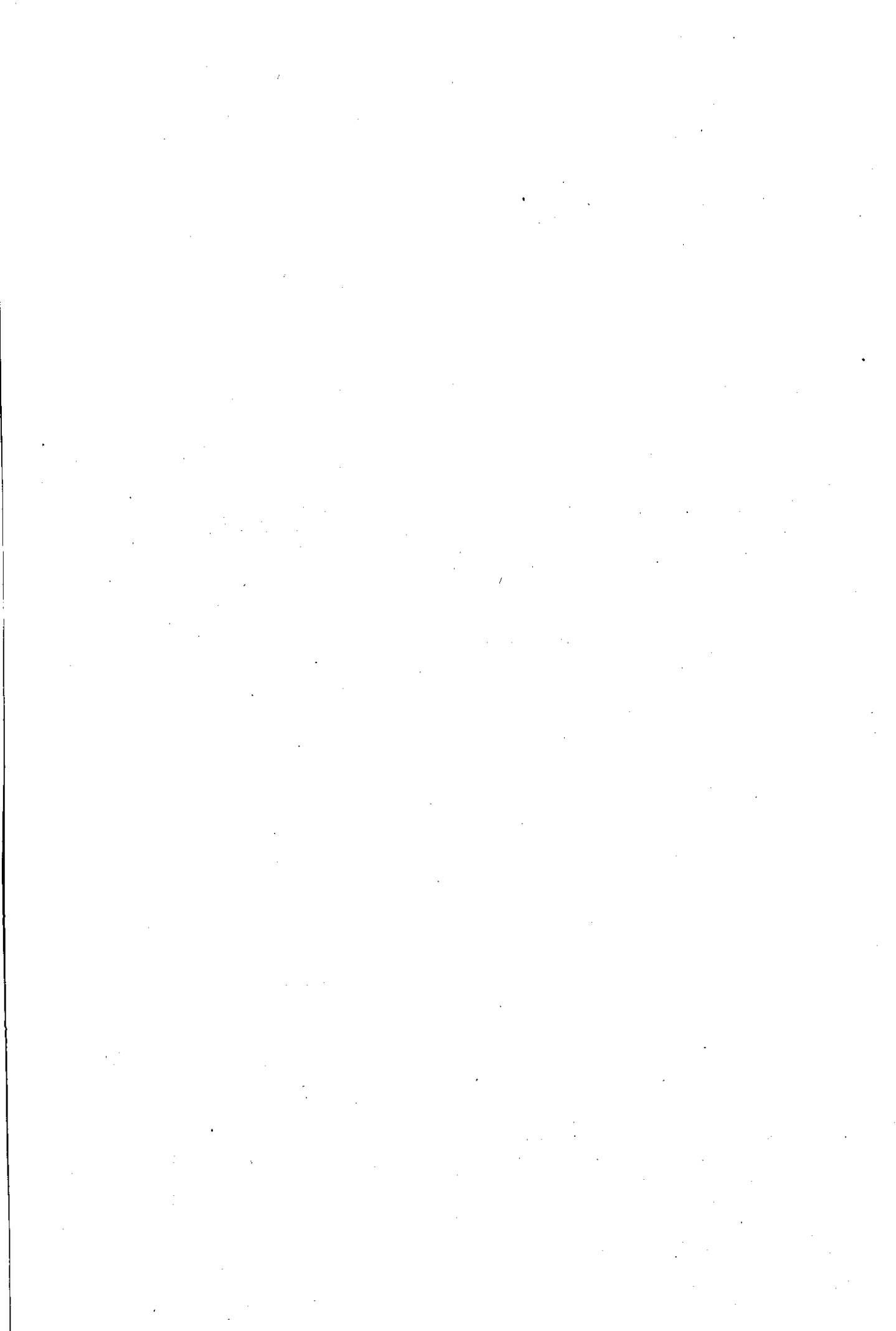
Centre	January	February	March	April	May	June	July	August	September	October	November	December	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
<i>Trivandrum District</i>													
Ponmudi	x	x	x	x	x	x	x	x	x	x	x	x	x
Varkala	x	x	x	x	x	x	x	x	x	x	x	x	x
Attungal	23.0	..	20.0	37.0	24.0	389.0	43.0	31.0	47.0	33.0	19.0	6.0	672.0
Nedumangad	..	0.3	x	114.0	95.2	376.2	x	65.8	85.4	137.2	131.0	6.2	1011.3
Trivandrum (b)	40.5	31.4	35.1	121.1	150.8	479.9	210.0	145.8	361.6	299.1	299.7	29.8	2204.8
Neyyattinkara	x	x	x	x	x	x	x	x	x	x	x	x	x
Parassala	x	x	x	x	x	x	x	x	x	x	x	x	x
Trivandrum (AM)	x	x	x	x	x	x	x	x	x	x	x	x	x
Vellayani	34.0	16.0	17.2	257.0	138.8	x	125.5	143.0	x	475.1	254.5	x	1461.1
Kovalam	x	x	x	x	x	x	x	x	x	x	x	x	x
Total	97.5	47.7	72.3	529.1	408.8	1245.1	378.5	385.6	494.0	944.4	704.2	42.0	5349.2
Average	24.4	11.9	24.1	132.3	102.2	415.0	126.2	96.4	164.7	236.1	176.1	14.0	1523.4
<i>Quilon District</i>													
Pathanamthitta	x	x	x	x	x	x	x	x	x	x	x	x	x
Konni	66.6	11.0	92.2	203.4	345.0	803.7	559.4	468.9	570.4	441.1	254.6	7.0	3823.3
Adoor	..	..	..	163.0	92.0	635.8	160.2	320.5	332.0	304.0	77.0	45.0	2129.5
Punalur	..	24.3	129.5	x	206.4	783.9	416.8	295.5	413.1	304.2	116.3	x	2778.2
Pathanapuram	x	x	x	x	x	x	x	x	x	x	x	x	x
Karunagappally	..	..	..	84.0	53.0	684.0	195.0	104.0	225.0	153.0	65.0	7.0	1580.0
Kotarakkara	..	..	36.2	x	39.6	424.0	221.8	336.6	353.8	121.0	117.2	26.4	1676.6
Aryankav	..	..	..	163.8	147.0	704.5	251.4	160.0	434.7	x	x	12.7	1874.1
Quilon	x	..	..	x	x	x	x	x	x	x	x	x	x
Chadaya-	x	x	x	x	x	x	x	x	x	x	x	x	x
mangalam	x	x	x	x	x	x	x	x	x	x	x	x	x
(Nilamal)	x	x	x	x	x	x	x	x	x	x	x	x	x
Paravur	39.2	2.8	5.2	50.2	196.9	x	821.0	360.4	454.6	x	196.6	12.0	2138.6
Kayamkulam	x	x	x	x	790.0	5839.5	3767.5	x	x	x	x	x	10397.0
Kulathupuzha	x	x	x	x	x	x	x	x	x	x	x	x	x
Total	105.8	38.1	273.1	664.4	2003.9	9875.4	6393.1	2045.9	2783.8	1323.3	1248.5	110.1	26864.9
Average	17.6	5.4	39.0	132.9	222.7	1410.8	799.1	292.3	397.7	264.7	178.4	18.4	3779.0



(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
<b>Ernakulam District</b>													
Piravam	24.3	4.1	31.1	x	141.4	1188.3	506.0	x	x	x	x	34.4	1929.4
Malayattur	x	24.0	x	x	x	x	500.7	x	x	x	x	x	524.7
Parur	x	x	x	x	x	x	x	x	x	x	x	x	x
Perumbavoor	x	x	x	x	17.0	254.0	168.2	283.4	249.4	x	x	x	972.0
Always	x	23.6	1.8	x	51.6	x	405.3	x	x	x	x	18.7	501.0
Neriya-	..	..	..	..	..	..	..	..	..	..	..	..	..
mangalam	3.0	x	x	x	x	1023.4	x	x	x	x	x	x	1026.4
Ernakulam	x	x	x	x	x	x	x	x	x	x	x	x	x
Muvattupuzha	x	x	x	x	x	x	x	x	x	x	x	x	x
Fort of	..	..	..	..	..	..	..	..	..	..	..	..	..
Cochin (b)	25.2	4.1	39.2	102.1	86.8	1047.5	454.8	486.3	487.1	526.0	156.1	x	3415.2
Total	52.5	55.8	72.1	102.1	296.8	3513.2	2035.0	769.7	736.5	526.0	156.1	53.1	8368.9
Average	13.1	14.0	24.0	102.1	74.2	878.3	407.0	384.9	368.3	526.0	156.1	26.6	2974.6
<b>Trichur District</b>													
Cranganur	..	..	x	58.3	196.0	1026.0	345.0	427.0	469.0	388.0	162.0	32.0	3103.3
Mukundapuram	x	x	x	x	x	x	x	x	x	x	x	x	x
Trichur	x	x	x	x	353.3	1363.8	432.2	525.7	x	x	x	x	2675.0
Thalappilly	x	x	x	x	x	x	x	x	x	x	x	x	x
Ollukkara (AM)	..	0.8	3.6	62.6	230.8	1171.6	486.3	358.8	584.2	176.0	88.0	2.2	3164.9
Peechi	x	x	x	x	x	x	x	x	x	x	x	x	x
Chalakudy	x	..	13.0	176.0	167.5	1137.0	x	448.0	707.0	347.0	266.6	50.2	3312.3
Potta	x	x	x	x	x	x	x	x	x	x	x	x	x
Muttathor	x	x	x	x	x	x	x	x	x	x	x	x	x
Thumpur	x	x	x	x	x	x	x	x	x	x	x	x	x
Mozhi	x	0.8	16.6	296.9	947.6	4698.4	1263.5	1759.5	1760.2	911.0	516.6	84.4	12255.3
Total	..	0.3	8.3	99.0	236.9	1174.6	421.2	439.9	586.7	303.7	172.2	28.1	3470.9
Average	..	..	..	..	..	..	..	..	..	..	..	..	..
<b>Palghat District</b>													
Alathur	x	x	x	x	283.5	709.5	x	576.0	233.0	149.0	102.0	15	2054.5
Palghat	x	x	x	x	x	x	x	x	x	x	x	x	x
Parali	x	x	x	x	x	x	x	x	x	x	x	x	x
Ottappalam	x	x	x	x	144.1	886.8	x	x	x	x	x	x	1030.9
Cherplassy	x	x	x	x	x	975.0	739.0	995.0	481.0	290.0	x	x	3480.0
Mannarghat	x	x	x	x	x	x	x	x	x	x	x	x	x
Chittoor	x	x	x	x	x	x	x	x	x	x	x	x	x
Pattambi	..	..	61.0	95.2	177.5	1023.2	543.9	647.8	367.4	258.2	95.9	x	3270.1
Total	..	..	61.0	95.2	605.1	3594.5	1282.9	2218.8	1031.4	697.2	197.9	1.5	9835.5
Average	..	..	61.0	95.2	201.7	298.6	641.5	739.6	360.5	232.4	99.0	1.5	3331.0







IX. AGRICULTURE, ANIMAL HUSBANDRY, FISHERIES, ETC.



## 9.1-Land utilization—Classification of area

(Area in Hectares)

Head of Classification	1969-70		1976-77		1979-80		1980-81		1981-82	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. Total Geographical area according to Village papers	3858523	100.00	3885497	100.00	3885497	100.00	3885497	100.00	3885497	100.00
2. Forests	1055733	27.36	1081509	27.83	1081509	27.83	1081509	27.83	1081509	27.83
3. Land put to non-Agricultural uses	267665	6.94	260388	6.70	263497	6.78	269824	6.95	266451	6.86
4. Barren and uncultivable land	73805	1.91	78837	2.03	78187	2.01	85770	2.21	85600	2.20
5. Permanent Pastures and other grazing lands	27800	0.72	16095	0.42	5630	0.15	5432	0.14	5382	0.14
6. Land under miscellaneous crops not included in net area sown	140235	3.64	72668	1.87	65502	1.69	63875	1.64	55187	1.42
7. Cultivable waste	812759	2.11	115726	2.98	125015	3.22	129032	3.32	130204	3.35
8. Fallow land other than current fallow	23242	0.60	22264	0.57	27684	0.71	26886	0.69	26827	0.69
9. Current fallow	22866	0.59	37409	0.96	43384	1.12	43579	1.12	44487	1.15
10. Net area sown	2165902	56.13	2200601	56.64	2195089	56.49	2179590	56.10	2189850	56.36
11. Area sown more than once	750186	19.44	732849	18.86	658966	16.96	705250	18.15	715407	18.41
12. Total cropped area	2916088	75.57	2933450	75.50	2854055	73.45	2884840	74.25	2905257	74.77

Source: Directorate of Economics and Statistics

## (Area in Hectares)

## 9-2-1-Total Area and Classification of Area in each District of Kerala-1978-79

District	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Total geographical area according to Village papers	Forest	Land put to non agricultural uses	Barren and uncultivable land	Permanent pastures and grazing lands	Land under miscellaneous tree crops	Cultivable waste land	Fallow other than current fallow	Current Fallow	Net area sown	Area sown more than once	Total cropped area		
Trivandrum	218600	49861	16056	1720	45	241	2272	1646	1261	144898	80611	225509	
Quilon	474290	236048	24631	2618	39	358	1491	1274	1917	205914	101302	307216	
Alleppey	182270	518	30869	667	20	221	2434	1076	3817	142648	66391	209039	
Kottayam	219550	8141	17537	1518	128	370	1109	2327	3665	184755	50517	235272	
Idukki	515048	260993	13984	17346	2618	14638	42582	1272	1287	160328	3685	164013	
Ernakulam	235319	8123	29823	1693	213	1689	5497	2232	3714	182335	76311	258646	
Trichur	299390	103619	21146	2269	225	1416	5141	3080	4266	158228	79332	237560	
Palghat	438980	136257	32685	11395	527	8387	23115	4839	6428	215346	110507	325853	
Malappuram	363230	103417	16867	7507	450	2508	12976	3987	7883	207635	48761	256396	
Kozhikode	371150	90876	20752	3783	299	19584	5024	1794	2786	226252	54766	281018	
Cannanore	567670	83656	35493	24097	1681	16962	21700	3071	5221	375789	9399	385188	
State	3885497	1081509	260443	74613	6245	66374	123341	26598	42246	2204128	681582	2835710	

## 9-2-2-Total Area and Classification of Area in each District in Kerala 1979-80

(Area in hectares)

District	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Total geographical area according to Village papers	Forest	Land put to non agricultural uses	Barren and uncultivable land	Permanent pastures and grazing lands	Land under miscellaneous tree crops	Cultivable waste land	Fallow other than current fallow	Current fallow	Net area sown	Area sown more than once	Total cropped area		
Trivandrum	218600	49861	16986	1866	39	222	2121	1795	1352	144358	74429	218787	
Quilon	474290	236048	25550	2362	36	312	1493	1195	1859	205835	93989	299824	
Alleppey	182270	518	29866	686	18	215	2213	1047	2955	144752	69190	213942	
Kottayam	219550	8141	18302	2020	104	322	1451	2293	4763	182154	40037	222191	
Idukki	515048	260993	14904	17729	2215	16189	38776	1196	1769	161277	3760	165037	
Ernakulam	235319	8123	30379	2124	189	1343	5255	2584	3908	181414	74711	256125	
Trichur	299390	103619	21596	2666	497	1340	4922	2933	4934	157148	71857	229005	
Palghat	438980	136257	32318	13027	421	8669	24187	5017	6871	212137	118249	330386	
Malappuram	363230	103417	17940	7748	421	2607	13601	4218	7118	206160	41759	247919	
Kozhikode	371150	90876	21683	3730	284	19858	5328	1815	2723	224853	62867	287720	
Cannanore	567670	83656	34373	24229	1615	14425	25668	3591	5112	375001	8118	383119	
State	3885497	1081509	263497	78187	5630	65502	125015	27684	43384	2195089	658966	2854055	

## 9.2.3—Total Area and Classification of Area in each District 1960-61

District	(Area in hectares)												
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Total Geographical area	Forest	Land put to non agricultural uses	Barren and uncultivable land	Permanent pastures and grazing land	Land under miscellaneous tree crops	Cultivable waste	Fallow other than current fallow	Current fallow	Net area sown	Area sown more than once	Total cropped area		
Trivandrum	218600	49861	17346	2229	34	216	2154	1703	1301	143756	84169	227925	
Quilon	474290	236048	24822	2361	37	331	1493	1190	1853	206155	88106	294261	
Alleppey	182270	518	30838	576	15	192	2000	1092	2067	144972	73332	218324	
Kottayam	219550	8141	19065	2050	86	331	1739	2237	3736	182165	48024	230189	
Idukki	515048	260993	15566	17442	2215	16189	38776	1208	1739	160920	9786	170706	
Ernakulam	235319	8123	32752	2649	198	1343	5304	3079	3714	178157	80658	258815	
Trichur	299390	103619	21642	2492	187	1307	5452	3021	4860	156810	74645	231455	
Palghat	438980	136257	31351	14101	341	8247	25271	3117	6547	2013748	123209	336957	
Malappuram	363230	103417	18603	7770	439	3664	14337	4039	9787	201174	51398	252572	
Kozhikode	371150	90876	22483	3727	271	16869	5510	2010	2801	226603	53811	280414	
Cannanore	567670	83656	35356	30373	1609	15186	26996	4190	5174	365130	18092	383222	
State	3885497	1081509	269824	85770	5432	63875	129032	26986	43579	2179590	705250	284840	

## 9.2.4—Total Area and Classification of Area in each District 1981-82

District	(Area in hectares)												
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Total Geographical area	Forest	Land put to non agricultural uses	Barren and uncultivable land	Permanent pastures and grazing land	Land under miscellaneous tree crops	Cultivable waste	Fallow other than current fallow	Current fallow	Net area sown	Area sown more than once	Total cropped area		
Trivandrum	218600	49861	16932	2280	34	276	2576	1765	1472	143404	87543	230947	
Quilon	474290	236048	24826	2160	37	936	1286	1108	1891	205998	90938	296936	
Alleppey	182270	518	30761	576	15	168	1925	1130	2131	145046	77059	222105	
Kottayam	219550	8141	19376	2175	66	360	1835	2289	2737	182571	49282	231853	
Idukki	515048	260993	15324	17336	2215	15450	39971	1310	1725	160724	8565	169289	
Ernakulam	235319	8123	33114	2676	198	1335	4917	2571	3771	178614	79272	257886	
Trichur	299390	103619	22107	2437	157	1425	5493	3090	4561	156501	83394	239895	
Palghat	438980	136257	31686	13888	341	8244	26071	3118	6491	212884	121371	334255	
Malappuram	363230	103417	18943	7706	439	3786	13965	4119	9166	201689	47701	249390	
Kozhikode	293330	41386	16798	1754	114	3816	3234	1549	2395	162284	27755	190039	
Wynad	232560	78787	5977	2702	337	4656	4435	1792	4518	129356	22754	152110	
Cannanore	472930	54359	30607	29910	1429	14735	24496	2986	3629	310779	19773	380552	
State	3885497	1081509	266451	85600	5382	55187	130204	26827	44487	2189850	715407	2905257	

## 9.3.1—Area Under Crops in each District 1978-79

(Area in hectares)

District	Food Crops							
	Cereals and Millets							
	Rice				Jowar	Ragi	Other cereals and Millets	Total cereals and Millets
	Autumn	Winter	Summer	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	15535	16051	1494	33080	..	19	..	33099
Quilon	24611	25364	840	50815	..	5	..	50820
Alleppey	29071	16854	29576	75501	..	6	..	75507
Kottayam	13939	13304	10206	37449	..	..	..	37449
Idukki	3162	5396	274	8832	25	327	250	9434
Ernakulam	41789	38928	19448	100165	5	3	200	100373
Trichur	42441	51417	21929	115787	..	43	60	115890
Palghat	87718	83219	3476	174413	1839	879	1147	178278
Malappuram	39436	36382	5644	81462	..	9	35	81506
Kozhikode	10718	30776	7415	48909	..	28	17	48954
Cannanore	38407	28036	6382	72825	42	13	108	72988
State	346827	345727	106684	799238	1911	1332	1817	804298

## 9.3.1 (Contd.)

District	Food Crops							
	Pulses including Tur				Total food grains	Sugar crops		
	Autumn	Winter	Summer	Total		Sugarcane	Palmyrah	Total
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Trivandrum	117	476	2903	3496	36595	38	665	703
Quilon	1238	1297	285	2820	53640	790	63	853
Alleppey	170	284	360	814	76321	3569	30	3599
Kottayam	23	39	1759	1821	39270	178	601	779
Idukki	426	748	652	1826	11260	1747	242	1989
Ernakulam	173	149	1191	1513	101886	183	348	531
Trichur	2214	1055	1137	4406	120296	2	1114	1116
Palghat	3957	4517	984	9458	187736	1945	8157	10102
Malappuram	392	1123	1203	2718	84224	17	1491	1508
Kozhikode	222	162	1009	1393	59347	6	538	544
Cannanore	119	2180	3003	5302	78290	62	461	523
State	9051	12030	14486	35567	839865	8537	13710	22247

## 9.3.1 (Contd.)

District	Food Crops								
	Condiments and Spices								
	Pepper	Chillies	Ginger	Turmeric	Cardamom	Betalnut	Tamarind	Others	Total
(1)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
Trivandrum	6021	..	127	15	176	3258	1587	148	11332
Quilon	10550	..	1153	106	160	5479	1008	325	18781
Alleppey	4614	..	261	37	..	3050	301	195	8458
Kottayam	13620	..	3331	1043	..	2629	390	910	21923
Idukki	12026	..	870	196	45997	1556	164	161	60970
Ernakulam	7409	..	2496	1062	..	6784	785	1605	20141
Trichur	3527	..	197	126	7	7531	1256	344	12988
Palghat	1352	71	493	168	3664	2272	3012	305	11337
Malappuram	3652	87	527	81	193	8182	1147	50	13919
Kozhikode	19160	74	2281	503	3598	6500	665	217	32998
Cannanore	24812	559	977	474	1385	15076	625	833	44741
State	106743	791	12713	3811	55180	62317	10940	5093	257588



## 9.3.1 (Contd.)

District	Food Crops								
	Fresh Fruits							Dried Fruits	Total Fruits
	Mango	Jack	Banana	Other Plantain	Pineapple	Others	Total	Cashew-nut	
(1)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)
Trivandrum	7754	7905	562	5439	534	1873	24067	6130	30197
Quilon	6305	6998	1217	3714	884	1651	20761	9357	30126
Alleppey	4550	4172	853	3555	345	1964	15439	3343	18782
Kottayam	4102	4554	1701	4270	572	2116	17315	1183	18498
Idukki	2398	1999	176	3287	340	2911	11111	1023	12134
Ernakulam	5305	4676	1833	4088	605	2125	18632	4317	22949
Trichur	5406	4154	1445	3769	490	1853	17117	7363	24480
Palghat	4723	4068	879	2429	154	2806	15059	12790	27849
Malappuram	5896	4755	1854	2396	223	1647	16771	22221	38992
Kozhikode	7682	8796	1077	3064	663	2133	23415	5222	28637
Cannanore	7377	7822	1921	3813	1128	2996	25057	63603	88660
State	61498	59899	13518	39824	5938	24075	204752	136552	341304

## 9.3.1 (Contd.)

District	Food Crops								
	Vegetables								
	Drum-stick	Tapioca	Sweet Potatoes	Tubers	Others	Total Vegetables	Total Fruits and Vegetables	Total Food Crops	
(1)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	
Trivandrum	3018	55796	117	1752	358	61041	91238	139868	
Quilon	1267	68150	15	6972	349	76753	106879	180153	
Alleppey	933	20648	73	5578	921	28153	46935	135313	
Kottayam	1879	26957	48	3981	848	33713	52211	114183	
Idukki	377	9476	70	1920	1351	13194	25328	99547	
Ernakulam	1207	14015	59	3227	2172	20680	43629	166187	
Trichur	838	8681	111	2282	956	12868	37348	171748	
Palghat	650	15659	1988	2903	2316	23516	51365	260540	
Malappuram	862	21804	1767	2396	1601	28430	67422	167073	
Kozhikode	3111	8836	113	3251	455	15766	44403	128292	
Cannanore	789	23461	1070	1626	1981	28927	117587	241141	
State	14931	273483	5431	35888	13308	343041	684345	1804045	

## 9.3.1 (Contd.)

District	Non-food Crops									
	Oil Seeds					Fibre		Drugs and Narcotics		
	Ground-nut	Sesamum	Coconut	Others	Total	Cotton	Betel leaves	Tobacco	Lemon grass	Total
(1)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)
Trivandrum	..	16	72775	303	73094	..	126	..	35	161
Quilon	..	3681	81381	104	85166	..	186	..	41	227
Alleppey	..	4718	61814	132	66664	..	95	..	8	103
Kottayam	..	114	53959	221	54294	..	59	..	18	77
Idukki	..	209	14526	138	14873	..	7	..	2022	2029
Ernakulam	..	2601	61304	217	64122	..	95	..	603	698
Trichur	..	1929	50690	180	52799	..	72	..	115	187
Palghat	13933	1196	19768	588	35490	5354	4	..	96	100
Malappuram	..	2321	61145	23	63489	..	487	..	135	622
Kozhikode	..	233	97725	157	98115	..	60	..	283	343
Cannanore	..	540	85541	160	86241	..	40	404	25 98	3042
State	13938	17558	660628	2223	694347	5354	1231	404	5954	7589

## 9.3.1 (Contd.)

## Non-food crops

District	Plantation Crops					Fodder Crop	Green Manure Crop	Other non food Crops	Total non-food Crops	Total cropped area
	Tea	Coffee	Rubber	Cocoa	Total					
	(54)	(55)	(56)	(57)	(58)					
(1)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)
Trivandrum	1071	48	8153	265	9537	162	343	2344	85641	225509
Quilon	2007	109	34933	924	37973	297	1067	2333	127053	307216
Alleppey	..	19	3875	1539	5433	149	226	1151	73726	209039
Kottayam	2315	1252	55931	3913	63411	465	328	2514	121089	235272
Idukki	24053	4587	15302	566	45008	405	208	1943	64466	164013
Ernakulam	30	174	21311	2383	23903	70	301	3365	92459	258646
Trichur	438	33	8950	801	10222	112	325	2167	65812	237560
Palghat	662	1659	9347	122	11790	16	1690	10873	65313	325853
Malappuram	174	173	17648	143	18143	8	3324	3737	89323	256396
Kozhikode	3889	27946	17277	1177	50289	109	1269	2601	152726	281018
Cannanore	1451	17340	21188	931	40910	163	1685	12006	144047	335188
State	36090	53345	214415	12769	316619	1956	10766	45034	1081665	2885710

## 9.3.2—Area under crops in each District 1979-80

(Area in hectares)

District	Food Crops											
	Cereals and millets						Pulses including Tur					
	Rice				Jowar	Ragi	Other cereals and millets	Total Cereals and millets	Autumn	Winter	Summer	Total
	Autumn	Winter	Summer	Total								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	15560	15766	1237	32569	..	19	2	32584	42	704	2498	3244
Quilon	23938	25059	903	49895	..	27	..	49922	1199	1299	515	3013
Alleppey	31222	19243	29094	80059	..	8	..	80067	100	145	755	1000
Kottayam	13222	10161	9545	32928	..	4	..	32932	98	282	1372	1752
Idukki	3459	4112	255	7826	30	341	127	8324	141	369	1173	1683
Ernakulam	43075	38852	19228	101155	5	4	180	101344	919	259	380	1558
Trichur	40975	42420	21259	110654	..	47	146	110847	2281	505	473	3259
Palghat	88981	85721	4059	178761	1839	879	1776	183255	3343	5203	808	9854
Malappuram	39445	35209	5503	80157	..	17	52	80226	1640	335	913	2888
Kozhikode	9753	28673	7345	45771	..	32	3	45806	356	60	1009	1425
Cannanore	38248	28392	6357	73497	60	16	108	73681	70	2984	2155	5209
State	348373	339608	105285	793266	1934	1394	2394	798988	10689	12145	12051	34885

## 9.3.2 (Contd.)

District	Food Crops										
	Sugar crops				Condiments and spices						
	Total foodgrains	Sugar cane	Palmy- rah	Total	Pepper	Chillies	Ginger	Turmeric	Carda mom	Betalnut	Tamarind
(1)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Trivandrum	35828	21	798	819	5441	..	120	30	164	3142	1934
Quilon	52935	663	64	727	9946	..	1332	129	149	4501	860
Alleppey	81067	2725	21	2746	4493	..	201	21	..	2852	227
Kottayam	34684	113	567	680	12739	..	3424	986	22	2516	380
Idukki	10007	1747	242	1989	10841	..	894	129	45170	2309	137
Ernakulam	102902	103	320	423	6752	..	3077	1132	..	6356	695
Trichur	114106	2	1118	1120	3727	4	191	118	..	6774	1047
Palghat	193109	2362	7852	10214	1471	88	437	275	3574	2418	3278
Malappuram	83114	9	1127	1136	3609	101	562	72	184	8356	894
Kozhikode	47231	5	414	419	20739	70	2630	596	3391	6636	716
Cannanore	78890	40	461	501	26059	650	1260	516	1266	14998	621
State	833873	7790	12984	20774	105817	919	14128	4004	53920	60858	10789

## 9.3.2 (Contd.)

District	Food Crops									
	Fresh fruits									
	Others	Total	Mango	Jack	Banana	Other plantain	Pine- apple	Pappaya	Others	Total
(1)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
Trivandrum	182	11013	7437	7392	647	5815	469	511	1192	23493
Quilon	280	17197	6009	6211	1563	3014	880	630	831	19138
Alleppey	160	7954	4586	3954	934	3275	310	773	869	14701
Kottayam	1072	21139	4741	4000	1125	3939	574	792	822	15993
Idukki	184	59664	1560	2305	211	2749	360	359	2292	9036
Ernakulam	1339	19351	4412	4377	1414	3256	584	1870	712	16625
Trichur	424	12285	4645	3884	1380	3270	485	887	956	15507
Palghat	280	11821	5194	4242	850	3215	156	560	2327	16544
Malappuram	148	13926	5538	4445	1994	1945	251	895	821	15839
Kozhikode	153	34937	7107	9031	1108	2823	571	1017	1274	22931
Cannanore	974	46344	7978	8909	1907	3124	1169	771	2452	26310
State	5196	255631	59207	58750	13133	36425	5809	9095	14548	196967

## 9.3.2 (Contd.)

District	Food Crops (Contd.)									
	Dried fruit			Vegetables						
	Cashew- nut	Total fruits	Drum- sticks	Tapioca	Sweet potatoes	Tubers	Others	Total vege- tables	Total fruits and vegetables	Total food crops
(1)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)
Trivandrum	5937	29430	3083	49362	190	1865	502	55002	31432	132092
Quilon	8513	27651	1255	64391	74	6031	377	72128	99779	170638
Alleppey	3953	18654	1097	19065	75	5015	903	26155	44809	136576
Kottayam	1370	17363	1694	24015	32	3273	786	29800	47163	103666
Idukki	1217	11053	332	11093	115	1745	1224	14509	25562	97222
Ernakulam	4063	20688	1101	12789	68	2969	2670	19597	40285	162961
Trichur	7127	22634	631	6673	178	2467	914	10863	33497	161008
Palghat	12710	29254	884	12397	1721	2865	1819	19686	48940	264084
Malappuram	20790	36679	903	18186	1451	2140	1805	24485	61164	159340
Kozhikode	5187	28118	2544	7470	89	3468	328	13899	42017	124604
Cannanore	69050	95360	659	13322	971	1665	1946	23563	118923	244658
State	139917	336884	14183	243763	4964	33503	13274	309687	646571	1756849

## 9.3.2 (Contd.)

District	Non-food crops									
	Oil seeds					Fibre	Drugs and Narcotics			
	Ground-nut	Sesamum	Coconut	Others	Total	Cotton	Betal leaves	Tobacco	Lemon-grass	Total
(1)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)
Trivandrum	7	13	73485	269	73774	..	170	..	36	206
Quilon	..	3457	84488	95	88040	..	173	..	26	199
Alleppey	..	6051	62907	123	69081	..	82	..	25	107
Kottayam	..	61	49747	212	50029	..	58	..	11	69
Idukki	..	133	15794	75	16002	..	8	..	2039	2047
Ernakulam	..	2703	60070	204	62977	..	136	..	607	743
Trichur	..	1487	53549	145	55181	..	85	..	77	162
Palghat	12581	1304	21785	596	36266	5247	8	..	108	116
Malappuram	3	1898	60051	33	61985	..	544	..	71	615
Kozhikode	..	74	103672	90	103836	..	54	..	766	820
Cannanore	80	426	77109	128	77743	..	38	453	2216	2707
State	12671	17607	662657	1979	694914	5247	1356	453	5982	7791

## 9.3.2 (Contd.)

District	Non-food crops (Contd.)									
	Plantation crops					Fodder crop	Green manure crop	Other non-food crops	Total non-food crops	Total cropped area
	Tea	Coffee	Rubber	Cocoa	Total					
(1)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)
Trivandrum	1071	48	8246	488	9853	218	453	2191	86695	218787
Quilon	2012	378	34674	1043	38107	291	1014	1535	129186	299824
Alleppey	..	63	4030	2757	6850	145	230	953	77366	213942
Kottayam	2268	902	55805	6381	65356	407	421	2243	118525	222191
Idukki	24124	5134	16069	1452	46779	473	173	2341	67815	165037
Ernakulam	30	172	21488	3603	25293	84	235	3832	93164	256125
Trichur	442	33	8963	898	10336	151	389	1778	67997	229005
Palghat	665	2264	9372	284	12585	26	1571	10491	66302	330386
Malappuram	174	10	17893	385	18462	18	2977	4522	88579	247919
Kozhikode	3889	30204	17396	1974	53463	104	1237	3656	163116	287720
Cannanore	1451	18741	21538	973	42703	178	1348	13782	138461	383119
State	36126	57949	215474	20238	329787	2095	10048	47324	1097206	2854055

## 9-3-3-Area under crops, 1980-81

(In hectares)

## Food crops

## Cereals and millets

## Pulses including tur

## Rice

District	Rice					Cereals and millets					Pulses including tur					Total food grains							
	Autumn	Winter	Summer	Total	Jowar	Ragi	Other cereals and millets	Total cereals and millets	Autumn	Winter	Summer	Total	Autumn	Winter	Summer		Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)							
Trivandrum	15361	16115	1107	32583	..	19	..	32602	63	675	2482	3240	35842	24142	25090	823	50055	1119	583	466	2168	52230	
Quilon	33019	25372	24075	82466	..	7	..	50062	90	299	645	1034	83508	13485	10799	7664	31952	308	290	1518	2116	34068	
Alleppey	3862	5100	299	9261	..	4	..	9911	199	389	1320	1908	11819	43174	39719	19607	102699	625	315	375	1515	104214	
Ernakulam	40584	49168	20562	110314	..	34	103	110462	2447	458	408	3313	113775	89762	89550	4322	163634	3699	5663	1368	10730	199233	
Palghat	38603	36012	5407	80022	1839	968	2062	188503	834	344	990	2168	82243	9826	28461	7164	45451	340	69	956	1365	46847	
Malappuram	9826	28461	7164	45451	..	28	3	45482	340	69	956	1365	46847	37425	28746	7294	73589	50	3103	1149	4302	77891	
Cannanore	349243	354132	98324	801699	1880	1471	2761	807811	9994	12188	11677	33859	841670	State									

## 9-3-3 (Contd.)

## Food crops (Contd.)

## Condiments and spices

## Sugar crops

District	Sugar crops					Condiments and spices										
	Sugar-cane	Palmy-rah	Total	Pepper	Chillies	Ginger	Turmeric	Cardamom	Betel-nut	Tama-rind	Cloves	Nut meg	Cinnamon	Total		
(1)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)		
Trivandrum	21	698	719	5362	..	183	13	104	3292	1531	98	76	14	10673		
Quilon	328	56	384	9832	..	1278	74	149	4250	769	71	166	32	16621		
Alleppey	2408	29	2437	4843	..	276	35	..	2863	236	15	167	16	8453		
Kottayam	272	476	748	12786	..	3418	601	..	2525	448	298	510	89	20697		
Idukki	2560	276	2836	12264	..	958	189	45170	2500	152	31	191	38	61493		
Ernakulam	80	369	449	6652	..	2162	789	..	6151	806	87	1334	63	18044		
Trichur	4	940	944	4010	2	168	169	..	6633	1468	9	352	63	12874		
Palghat	2324	8020	10344	1532	181	410	375	3366	2352	3084	3	59	218	11580		
Malappuram	6	1415	1421	4030	83	451	108	184	8801	1180	23	125	..	14985		
Kozhikode	3	431	434	20184	75	2132	348	3783	6771	693	1	3	149	34139		
Cannanore	35	239	274	26578	826	1226	569	1266	15102	650	7	525	360	47109		
State	8041	12949	20990	108073	1167	12662	3270	54044	61242	11017	643	3508	1042	256668		

9-3-3 (Contd.)

## Food crops (Contd.)

District	Fresh fruits					Dried fruit			Vegetables				
	Mango	Jack	Banana	Other plantains	Pineapple	Pappaya	Others	Total	Cashew-nut	Total fruits	Drum-sticks	Tapioca	Sweet potatoes
(1)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)
Trivandrum	7588	7425	942	5591	327	783	1227	23883	6303	30186	3422	56545	100
Quilon	6201	6753	1687	3221	718	573	650	19808	8673	28481	1335	59097	40
Alleppey	4999	4279	770	3567	318	893	856	15682	3863	19545	1078	19592	60
Kottayam	4568	4385	1161	3398	595	1034	957	16098	1337	17435	1785	23003	26
Idukki	2094	2154	205	3023	345	749	1191	9761	1197	10958	321	10824	171
Ernakulam	5369	4811	1312	3245	586	1734	787	17864	4067	21931	1155	12462	66
Trichur	4973	3784	1549	3259	434	1618	1040	16657	7163	23820	837	6191	140
Palghat	5365	4431	1385	2357	150	523	2370	16581	13287	29868	706	12644	1794
Malappuram	6211	5623	2598	1929	239	1495	802	18897	21257	40154	885	18111	1464
Kozhikode	7198	9435	1204	2298	435	1144	1620	23334	5213	28547	3164	7756	89
Cannanore	8008	8833	1505	3056	1272	1043	2120	25837	68917	94754	714	18765	1104
State	62574	61918	14318	34944	5419	11609	13620	204402	141277	345679	15402	244990	5054

9-3-3 (Contd.)

## Food crops (Contd.)

District	Vegetables (Contd.)					Non-Food crops					
	Tubers	Others	Total vegetables	Total fruits and vegetables	Total food crops	Ground-nut	Sesamum	Coconut	Others	Total	Fibre
(1)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)
Trivandrum	2348	573	62988	93174	140408	7	15	73771	247	74040	..
Quilon	6448	329	67249	95730	164965	..	2186	81763	90	84041	..
Alleppey	5380	908	27018	46563	140961	..	5300	63114	111	68525	..
Kottayam	3694	879	29387	46822	102335	..	43	51115	155	51313	..
Idukki	1740	1079	14135	25093	101241	..	210	16617	74	16901	..
Ernakulam	3048	2199	18930	40861	163568	..	2482	60881	160	63523	..
Trichur	2474	1153	10795	34615	162208	..	1446	54030	171	53647	..
Palghat	2175	2336	19655	49523	270680	3	1003	22954	590	33856	6223
Malappuram	2435	1524	24419	64573	163222	..	1587	59677	35	61302	..
Kozhikode	3105	384	14498	43045	124465	..	70	94466	122	94658	..
Cannanore	1342	1995	23920	118674	243948	80	410	72980	62	73532	..
State	34189	13359	312994	658673	1778001	9399	14752	651370	1817	677338	6223

## Non-food crops

## Drugs and Narcotics

## Plantation crops\*

District	Betel leaves		Tobacco		Lemon-grass		Total	Tea	Coffee	Rubber	Cocoa	Total	Fodder crops	Green manure crops	Other non-food crops	Total non-food crops	Total cropped area
	(53)	(54)	(55)	(56)	(57)	(58)											
Trivandrum	150	..	53	203	1072	48	8735	699	10554	335	265	2120	87517	227925			
Quilon	184	..	45	229	2004	378	38890	1099	42371	301	849	1505	129296	294261			
Alleppey	66	..	8	74	..	63	4273	3094	7430	188	214	932	77363	218324			
Kottayam	71	..	58	129	2268	902	63232	6995	73397	577	325	2113	127854	230189			
Idukki	6	..	1020	1026	24156	5134	17449	1890	48629	522	226	2161	69465	170706			
Ernakulam	94	..	483	577	30	172	23334	3988	27524	89	248	3286	95247	258815			
Trichur	75	..	36	111	441	33	9386	1380	11240	90	480	1679	69217	231455			
Palghat	4	..	103	107	663	2264	11081	368	14381	30	1383	10297	66277	336957			
Malappuram	416	..	109	525	174	10	19281	422	19887	31	3527	4078	89350	252572			
Kozhikode	56	..	913	969	3899	30204	18171	2103	54377	178	1383	4384	155949	280414			
Cannanore	31	..	3070	3652	1455	18741	23934	1468	45598	245	1421	14826	139274	383222			
State	1153	551	5898	7602	36164	57949	237769	23506	353388	2586	10321	47381	1106839	2884840			

\*Commodity board estimates.

## 9-3-4 Area under crops 1981-82 (in hectares)

## Cereals and Millets

## Pulses including Tur

## Rice

District	Autumn		Winter		Summer		Total	Jowar	Ragi	Other cereals	Total cereals and Millets	Autumn	Winter	Summer	Total	Total food grains
	(2)	(3)	(4)	(5)	(6)	(7)										
Trivandrum	14800	14868	1107	30775	..	19	30794	77	630	2428	3135	33929				
Quilon	24540	25087	779	50406	..	7	50413	1057	561	430	2048	52461				
Alleppey	34047	26231	28328	88606	..	8	88614	72	336	414	822	89436				
Kottayam	14435	12704	7289	34428	..	4	34432	308	238	1510	2056	36488				
Idukki	3514	5138	305	8937	25	328	9535	189	350	1283	1822	11357				
Ernakulam	40102	41379	19403	100884	5	2	101071	868	294	305	1467	102538				
Trichur	41794	51570	22147	115511	11	36	115662	2405	426	457	3288	118950				
Palghat	90044	86815	4018	180877	1068	975	185032	3619	3928	1160	10707	195739				
Malappuram	37516	35830	5628	78974	..	11	79054	750	354	824	1928	80982				
Kozhikode	10086	14034	2833	26953	..	28	26984	318	516	621	1455	28439				
Wynad	68	22693	7328	30089	..	1	30090	6	15	336	357	30447				
Cannanore	36152	19724	4535	60411	60	16	60602	44	3700	1081	4825	65427				
State	347098	356073	103700	806871	1169	1435	2808	9713	13348	10849	33910	846193				

District	Sugarcane										Spices and condiments							
	Sugar-cane (15)	Palmy-rah (16)	Total (17)	Pepper (18)	Chillies (19)	Ginger (20)	Turmeric (21)	Carda-mom (22)	Betelnut (23)	Tamar-ind (24)	Cloves (25)	Nutmeg (26)	Cinnamon (27)	Total (28)				
Trivandrum	24	693	717	5384	..	164	51	164	3306	1879	131	87	13	11179				
Quilon	307	36	343	9801	..	1239	113	149	4426	751	73	105	35	16692				
Alleppey	2990	22	3012	4816	..	224	28	..	2837	228	27	170	15	8345				
Kottayam	242	446	688	12868	..	3214	808	22	2558	482	291	499	84	20826				
Idukki	2124	280	2404	12182	..	1144	180	45172	2389	190	42	189	38	61526				
Ernakulam	55	398	453	6811	..	2425	637	..	6212	825	95	1397	57	18459				
Trichur	8	965	973	4036	2	123	186	..	6601	1474	18	341	60	12841				
Palghat	2568	7538	10106	1546	202	363	286	3407	2395	2880	2	63	210	11354				
Malappuram	15	1469	1484	4016	84	491	104	184	8753	1287	8	119	..	15046				
Kozhikode	3	361	364	13588	75	1745	200	411	5427	639	4	4	140	22233				
Wynad	21	320	341	7355	..	1065	260	3741	1361	129	13	8	9	13941				
Cannanore	24	187	211	25839	906	1250	347	1266	14986	565	7	520	350	46036				
<b>State</b>	<b>8381</b>	<b>12715</b>	<b>21096</b>	<b>108242</b>	<b>1269</b>	<b>13447</b>	<b>3200</b>	<b>54516</b>	<b>61251</b>	<b>11529</b>	<b>711</b>	<b>3502</b>	<b>1011</b>	<b>258478</b>				

District	Fresh fruits										Dried fruit				Vegetables		
	Mango (29)	Jack (30)	Banana (31)	Other Plantain (32)	Pineap-ple (33)	Pappaya (34)	Others (35)	Total (36)	Cashew (37)	Total fruit trees (38)	Drum-sucks (39)	Tubers (40)	Sweet potatoes (41)				
Trivandrum	7557	7320	860	6087	450	724	1326	24324	6460	30784	3535	2502	140				
Quilon	6516	5347	1562	3117	644	492	580	18258	8750	27008	1184	5849	40				
Alleppey	4407	3875	774	3767	354	841	933	14951	3730	18681	1191	5293	82				
Kottayam	4071	4795	1081	3163	430	869	974	15383	1467	16850	1435	3510	24				
Idukki	1910	2252	204	2981	376	758	1048	9529	1243	10772	509	1492	168				
Ernakulam	5084	4031	1629	3796	513	1126	646	16825	3923	20748	1300	2903	60				
Trichur	4299	3873	1432	3095	484	1726	976	15885	7307	23192	845	2482	135				
Palghat	5135	4220	1545	2010	266	465	2352	15993	13190	29183	717	1966	2023				
Malappuram	6109	5850	2159	1751	276	1449	716	18310	20477	38787	918	2699	1587				
Kozhikode	5565	6118	1070	1797	416	988	876	16830	4363	21193	2457	1939	65				
Wynad	2799	6667	577	1347	160	137	1100	12787	1017	13804	133	957	12				
Cannanore	6729	6689	1175	3010	1004	1052	1796	21455	68033	89488	672	1386	960				
<b>State</b>	<b>60181</b>	<b>61037</b>	<b>14068</b>	<b>35921</b>	<b>5373</b>	<b>10627</b>	<b>13323</b>	<b>200330</b>	<b>139960</b>	<b>340490</b>	<b>14696</b>	<b>32980</b>	<b>5316</b>				



## 9.3.4 (Contd.)

District	Vegetables					OilSeeds					Total	Cotton	
	Autumn	Winter	Summer	Total	Others	Total	vegeta- bles	Total	Ground	Sesamum			Coconut
(1)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)
Trivandrum	26334	26827	7159	60320	603	67100	143709	6	19	73515	271	73811	..
Quilon	18390	40990	1071	60451	329	67853	164337	..	2883	84544	62	87489	..
Alleppey	2663	15320	1111	19094	908	26568	146042	..	4829	62118	118	67063	..
Kottayam	1464	22378	518	24560	879	30408	105260	..	40	50751	144	50935	..
Idukki	1267	8320	48	9635	1112	12716	98775	..	260	17371	72	17703	..
Ernakulam	3785	7942	655	12382	2766	19413	161611	..	2037	62317	195	64569	..
Trichur	1044	4849	264	6157	1436	11055	167011	..	1595	57312	168	59075	..
Palghat	6655	5735	324	12714	2668	20088	266470	9618	1075	22916	598	34207	6777
Malappuram	6850	9718	1536	18104	1828	25136	161435	3	1842	57919	37	59801	..
Kozhikode	2010	1440	244	3694	298	8453	80682	..	26	97308	60	97394	..
Wynad	1317	1302	376	2995	363	4460	62993	..	128	3535	75	3738	..
Cannanore	1763	15121	1079	17963	1424	22425	223387	80	283	77012	129	77504	..
State	73542	160142	14385	248069	14614	315675	1781932	9707	15037	666618	1929	693291	6777

## 9.3.4 (Contd.)

District	Drugs and Narcotics					Plantation crops					Total	Grand		
	Betel leaves	Tobacco	Lemon grass	Total	Tea	Coffee	Rubber	Cocoa	Total	Fodder			Green	Other
(1)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)
Trivandrum	190	..	60	250	1072	48	8735	1018	10873	295	224	1785	87238	230947
Quilon	190	..	44	234	1653	378	38890	1556	42477	257	706	1416	132579	296936
Alleppey	79	..	10	89	..	21	4273	3165	7459	184	239	1027	76063	222105
Kottayam	75	..	56	131	2230	958	63232	6153	72573	467	287	2200	126593	231853
Idukki	7	..	1363	1370	23967	4827	17449	2184	48427	454	214	2346	70514	169289
Ernakulam	90	..	533	623	30	247	23334	3680	27291	121	246	3425	96275	257386
Trichur	65	..	55	120	447	33	9386	1269	11135	122	445	1987	72884	239895
Palghat	4	..	110	114	665	2351	11084	303	14408	30	1304	10945	67785	334255
Malappuram	325	..	109	434	174	..	19281	673	20128	31	2873	4688	87955	249390
Kozhikode	42	..	766	808	..	..	6311	1744	8055	25	912	2163	109357	190039
Wynad	2	..	1903	1905	5387	49086	24424	311	79208	94	454	3718	89117	152110
Cannanore	23	570	1362	1955	..	..	11370	1320	12690	258	1576	12982	106965	330352
State	1092	570	6371	8033	35625	57949	237769	23381	354724	2338	9480	48682	1123325	2905257

## 9.4.1-District-wise production of important crops 1978-79

(in Tonnes)

District	Rice				Jower	Ragi	Other Cereals and Millets	Pulses
	Autumn	Winter	Summer	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	25326	23895	1228	50449	..	16	..	1766
Quilon	39191	41736	572	81499	..	4	..	1252
Alleppey	37327	20495	78322	136144	..	5	..	318
Kottayam	24528	19024	22111	65663	..	..	..	539
Idukki	5400	10059	325	15784	11	28	160	1239
Ernakulam	66922	58552	24940	150414	2	3	128	793
Trichur	53070	68168	31795	153033	..	48	38	1401
Palghat	186447	157841	5038	349326	827	615	734	3924
Malappuram	54503	48040	10127	112670	..	8	22	1008
Kozhikode	8041	44644	10758	63443	..	26	11	362
Cannanore	43999	37550	13342	94891	19	19	69	3287
State	544754	530004	198558	1273316	859	772	1162	15889

## 9.4.1 (Contd.)

District	Sugar (gur)	Black pepper	Dry Chillies	Dry Ginger	Cured Turmeric	Processed Cardamom	Betel nuts (Nos.) in million	Mango	Jack (Nos.) (1000)	Banana
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Trivandrum	187	1602	..	310	29	9	363	24340	26126	6800
Quilon	3587	3123	..	3335	200	8	730	26752	25984	12194
Alleppey	18166	1047	..	637	72	..	379	9173	17447	10449
Kottayam	986	1076	..	9553	1946	..	318	26536	17742	24358
Ernakulam	1133	1304	..	6682	1968	..	1007	27809	22608	21629
Idukki	10709	1660	..	2058	347	2418	272	2551	6525	2020
Trichur	8	977	..	205	127	..	1541	20354	16184	22889
Palghat	13732	314	63	824	272	193	363	14400	17509	12095
Malappuram	107	705	77	966	126	10	1403	47545	23475	23935
Kozhikode	33	6112	39	5714	972	189	1516	24844	40198	12418
Cannanore	217	8411	520	2626	986	73	3027	42927	37342	22706
State	48870	26331	719	32910	7045	2900	10919	267231	251140	171493

## 9.4.1 (Contd.)

District	Other Plantains *	Raw Cashew-nut	Tapioca	Sweet Potatoes	Ground nut	Sesamum	Coco-nut (in million nuts)	Cott-on (Bales of 170 kg.)	Tobacco	Tea	Coffee	Rubber
(1)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)
Trivandrum	22740	2973	813506	706	..	4	369	..	..	987	18	5060
Quilon	12282	6905	988175	90	..	920	323	..	..	807	41	24060
Alleppey	10477	2892	314263	441	..	896	349	..	..	..	7	1730
Kottayam	22119	374	448025	290	..	25	190	..	..	657	472	32187
Idukki	18920	316	167251	438	..	48	34	..	..	34219	1729	10140
Ernakulam	15849	2655	229145	356	..	806	329	..	..	..	66	11421
Trichur	9196	2025	113027	670	..	540	333	..	..	995	12	6158
Palghat	9082	4617	233319	12654	13659	323	71	7241	..	1334	1394	4513
Malappuram	7109	13977	271460	11892	..	766	326	..	..	75	95	9785
Kozhikode	9361	4460	94722	720	..	72	335	..	..	6553	14923	9323
Cannanore	14295	42996	371153	7099	..	313	352	..	768	1737	9260	9300
State	151430	84190	4044046	35356	13659	4713	3211	7241	768	47365	28017	123677

\*Revised

## 9.4.2— District-wise production of important crops 1979-80

(In Tonnes)

District	Rice				Jowar	Ragi	Other cereals and Millets	Pulses	Sugar (Gur)	Black Pepper	Dry Chillies
	Autumn	Winter	Summer	Total							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Trivandrum	23200	21909	1053	46162	..	16	1	775	104	1801	..
Quilon	34970	45121	893	80984	..	23	..	2395	2917	3620	..
Alleppey	51694	22857	76726	151277	..	7	..	839	13870	1173	..
Kottayam	24398	15839	21568	61805	..	3	..	1254	619	1388	..
Idukki	6590	8036	371	14997	13	293	81	1367	10709	2244	..
Ernakulam	62365	53662	30492	146519	2	3	115	1116	638	1837	..
Trichur	50067	65849	38592	154508	..	53	93	2327	8	552	4
Palghat	203505	171093	6963	381561	828	615	1137	6080	16676	197	78
Malappuram	52909	44419	10034	107362	..	15	33	2143	57	996	89
Kozhikode	8513	36400	7848	52761	..	30	2	1084	31	7590	71
Cannanore	49492	41276	10991	101759	27	24	69	4063	140	7505	605
State	567703	526461	205531	1299695	870	1082	1531	23443	45769	28903	847

## 9.4.2 (Contd.)

District	Dry Ginger	Cured turmeric	Processed cardamom	Betelnuts (Nos. in million)	Tamarind (Processed)	Mango	Jack (Nos. in '000)	Banana	Other plantains	Raw cashew-nut
(1)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
Trivandrum	293	59	10	334	4903	24512	24431	7415	31227	3022
Quilon	3620	243	9	545	1779	26752	23061	15657	11179	7108
Alleppey	491	41	..	450	163	9173	16536	11442	10012	2127
Kottayam	9625	1859	1	340	428	26536	15584	16271	19758	773
Idukki	2136	229	2765	306	170	2551	7524	2422	14473	920
Ernakulam	7714	2098	..	1114	942	27809	21163	16685	13050	1946
Trichur	198	185	..	1447	2179	20354	15132	21859	8803	1903
Palghat	730	446	219	350	8549	14400	18258	11345	6346	3622
Malappuram	1009	109	11	1560	1590	47545	21945	26614	6117	6694
Kozhikode	6588	1360	208	1807	1728	24844	41272	12775	9624	2791
Cannanore	3421	1031	77	2578	1064	42927	42532	22541	14299	51857
State	35825	7660	3300	10829	23495	267403	247438	165026	144888	82763

## 9.4.2 (Contd.)

District	Tapioca	Sweet Potato	Ground-nut	Sesamum	Coconut (in million nuts)	Cotton (bales of Tobacco 170 Kg.)	Tea	Coffee	Rubber	
(1)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
Trivandrum	850507	1147	6	3	350	..	..	833	36	5681
Quilon	1030256	446	..	864	333	..	..	921	282	24651
Alleppey	306947	452	..	1150	328	..	..	..	30	2687
Kottayam	481501	193	..	13	188	..	..	485	673	35373
Idukki	257690	719	..	31	50	..	..	39197	3712	10764
Ernakulam	263453	411	..	838	312	..	..	..	128	13551
Trichur	91754	1075	..	416	326	..	..	1148	25	6978
Palghat	190294	11064	11122	352	73	8303	..	1305	840	4386
Malappuram	242419	9862	3	645	297	..	..	41	4	10351
Kozhikode	92852	566	..	23	498	..	..	6713	15086	10319
Cannanore	281243	6057	71	247	277	..	..	869	1791	9360
State	4088916	31992	11202	4582	3032	8303	869	52434	30176	136619

9 4 3—Production of important crops—1980-81

(In Tonnes)

Rice

District	Autumn	Winter	Summer	Total	Jowar	Ragi	Other cereals	Pulses	Sugarcane (Gur)	Black Pepper	Dry Chillies	Dry Ginger	Cured Turmeric
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	22685	22352	949	45986	..	16	..	774	104	2027	..	447	25
Quilon	39743	41863	583	82189	..	6	..	1724	1443	3441	..	3474	139
Alleppey	56167	36741	51950	144858	..	7	..	843	12498	1007	..	680	68
Kottayam	23301	19324	15853	58478	..	3	..	1515	1504	1777	..	9608	1133
Idukki	5848	9353	302	15503	11	323	160	1549	15693	1852	..	2289	335
Ernakulam	59764	57161	27676	144601	2	3	122	1085	495	1264	..	5474	1462
Trichur	49477	62382	35712	147571	5	38	66	2363	17	690	..	182	264
Palghat	190593	176176	7013	373782	827	678	1320	6620	16245	170	161	439	602
Malappuram	48128	50547	8813	107488	..	7	29	1609	38	1108	73	810	163
Kozhikode	8372	35349	10223	54144	..	26	2	1039	19	7529	60	5341	802
Cannanore	49670	37052	10640	97362	..	24	69	3356	122	7654	768	3295	1148
State	553748	548500	169714	1271962	845	1131	1768	22479	48178	28519	1064	32039	6141

150

9 4 3 (Contd.)

District	Processed Cardamom	Betelnuts (Nos. in million)	Tamarind (Processed)	Mango	Jack (Nos. in 000)	Banana	Other Plantain	Pappaya	Raw Cashew nuts	Tapioca
(1)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Trivandrum	6	327	3881	24509	24540	10795	30024	14877	3025	965789
Quilon	9	541	1591	27328	25092	16899	11947	5177	6982	989875
Alleppey	0	366	169	9998	17895	9346	10794	3572	2013	272917
Kottayam	1	370	504	25567	17084	17631	17897	5170	727	408993
Idukki	2665	462	189	3252	7031	2358	15916	1535	868	234881
Ernakulam	..	1098	1092	33164	23261	15017	12617	7016	2103	240267
Trichur	198	1483	3055	21354	14742	24536	8773	6472	1934	92555
Palghat	11	354	8043	15022	19071	18855	4745	4707	3320	177648
Malappuram	261	1544	2099	53856	27761	35580	6186	8970	6387	228742
Kozhikode	93	1817	1672	25164	43118	13882	7834	5720	2925	99277
Cannanore	..	2443	1113	42659	42169	11789	13887	4172	50516	349967
State	3244	10805	23408	281873	261764	176683	140722	67368	81900	4060911

## 9.4.3 (Contd.)

District	Sweet Potato	Ground-nut	Sesamum	Coconut (No. in million nuts)	Cotton (bales of 170 Kg.)	Tobacco	Lemon-grass oil	Tea	Coffee	Rubber	Cocoa
(1)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)
Trivandrum	603	6	4	354	..	..	4	894	28	5933	58
Quilon	241	..	347	344	..	..	3	875	220	25561	129
Alleppey	362	..	954	294	..	..	1	..	23	2771	420
Kottayam	157	..	9	188	..	..	4	..	525	36145	1175
Idukki	1069	..	48	43	..	..	70	37460	2895	11140	243
Ernakulam	398	..	769	327	..	..	57	..	100	13929	522
Trichur	845	..	405	347	..	..	4	..	20	6739	130
Palghat	11302	8145	301	80	9847	..	12	1002	20	4516	15
Malappuram	9951	3	540	264	..	..	3	1219	636	10571	32
Kozhikode	567	..	22	456	..	..	15	92	11768	10730	214
Cannanore	7472	71	234	311	..	1015	94	6953	7302	12298	82
State	32967	8225	3833	3008	9847	1015	267	50716	23540	140333	3020

## 9.4.4—Production of important crops 1981—82

District	Rice												
	Autumn	Winter	Summer	Total	Jowar	Ragi	Other cereals	Pulses	Sugarcane (Gur)	Black pepper	Dry Chillies	Dry Ginger	Cured Turmeric
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	20707	22897	1233	44837	..	10	..	749	118	1734	..	400	99
Quilon	39102	43371	896	83369	..	6	..	1628	1351	2784	..	3368	213
Alleppey	53748	44917	74497	173162	..	7	..	670	15318	968	..	552	55
Kottayam	28138	21180	15285	64603	..	3	..	1472	1271	1686	..	9215	1508
Idukki	6114	9682	312	16108	..	282	144	1479	13020	2010	..	2733	319
Ernakulam	57138	62974	28883	148995	11	2	115	1050	340	1117	..	6140	1180
Trichur	47193	74310	33970	155473	4	40	67	2348	33	537	..	128	291
Palghat	203506	175043	6840	385389	481	683	1352	6606	17771	187	180	607	459
Malappuram	44860	52248	8082	105190	..	10	44	1431	94	1072	74	873	157
Kozhikode	9136	14427	3941	27504	..	26	2	1107	19	4701	60	4328	461
Wynad	58	42109	12915	55092	..	1	..	272	131	3067	..	2641	599
Cannanore	47218	25996	6467	79681	27	24	74	3474	83	7648	..	3394	686
State	556918	589154	193321	1339393	525	1100	1798	22286	49749	27511	1159	34379	6027

(in Tonnes)

9-4-4 (Contd.)

District	(1)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
		Processed cardamom Nos. in million	Betal-nuts Nos. in million	Tamarind	Mango	Jack (Nos. in thousand)	Banana	Other plantain	Pappaya	Raw cashew nuts	Tapioca	Sweet potato	Ground nut
Trivandrum		5	314	4763	24409	24193	9856	32687	13756	4018	904800	845	5
Quilon		8	669	1554	28716	19853	15647	11561	4428	6011	826970	241	..
Alleppey		..	325	164	8814	16205	9395	11399	3364	2029	266934	495	..
Kottayam		1	362	543	22785	18681	17072	16660	4345	1448	403240	145	..
Idukki		2300	412	236	2966	7350	2341	15695	1516	1444	203568	1050	..
Ernakulam		..	1175	1118	31404	18490	18646	14759	4504	2346	243059	362	..
Trichur		..	1394	3068	26555	6057	22683	8332	6904	1659	76655	815	..
Palghat		171	344	7511	14378	18162	21034	4046	4185	3113	191346	12745	8493
Malappuram		9	1496	2290	52971	28881	29568	5675	8694	8682	235352	10787	3
Kozhikode		13	1616	1542	21389	27959	14477	6126	4940	4359	49426	414	..
Wynad		213	189	311	9785	30468	7807	4592	685	1472	66938	76	..
Cannanore		80	2406	968	35845	31933	13889	13638	4208	42317	274834	6699	71
State		2800	10702	24068	280017	248232	182413	145112	61529	78898	3745142	34674	8572

9-4-4 (Contd.)

District	(1)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
		Sesamum	Coconut (Nos. in million)	Cotton (bales of 170 kg.)	Tobacco	Lemon-grass oil	Tea	Coffee	Rubber	(Cocoa)	Pine-apple
Trivandrum		5	355	..	..	4	906	45	5906	85	5704
Quilon		721	356	..	..	3	797	355	25984	106	7558
Alleppey		869	295	..	..	7	..	20	2767	430	3652
Kottayam		9	200	..	..	4	283	901	36842	1034	4643
Idukki		57	44	..	..	94	34871	4537	11487	282	4330
Ernakulam		761	344	..	..	11	..	232	13934	482	5654
Trichur		431	381	..	..	6	912	30	6083	126	4030
Palghat		312	77	10724	..	13	1187	1085	4380	13	3240
Malappuram		626	247	..	..	3	84	..	9931	52	2949
Kozhikode		8	443	..	..	13	..	..	3321	178	5610
Wynad		40	4	..	..	32	6427	26450	12842	32	2158
Cannanore		161	260	..	1050	42	..	..	3973	74	17282
State		4000	3006	10724	1050	232	45467	33655	139455	2894	66810

## 9.5 Production of important crops in Kerala 1978-79, 1979-80, 1980-81, 1981-82

('000 M. tonnes)

Crops	1978-79	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)
<i>Food Crops:</i>				
Rice	1273.316	1299.695	1271.962	1339.393
Jowar	0.859	0.870	0.845	0.525
Ragi	0.772	1.082	1.131	1.100
Other Cereals and Millets	1.162	1.531	1.768	1.798
Pulses	15.889	23.443	22.479	22.286
Sugarcane (Gur)	48.870	45.769	48.178	49.749
Pepper (Black)	26.331	28.903	28.519	27.511
Chillies (Dry)	0.719	0.847	1.064	1.159
Ginger (Dry)	32.910	35.825	32.039	34.379
Turmeric (Cured)	7.045	7.660	6.141	6.027
Cardamom (Processed)	2.900	3.300	3.244	2.800
Betelnuts ('000 million nuts)	10.919	10.829	10.805	10.702
Banana and other plantains	322.923	309.914	317.405	327.527
Cashewnut (Raw)	84.190	82.763	81.900	78.898
Tapioca	4044.046	4088.916	4060.911	3745.142
<i>Non-food Crops:</i>				
Groundnut	13.659	11.202	8.225	8.572
Sesamum	4.713	4.582	3.833	4.000
Coconut (million nuts)	3211	3032	3008	3006
Cotton (Bales of 170 Kg.)	7241	8303	9847	10724
Tobacco	0.768	0.869	1.015	1.050
Tea	47.356	52.434	50.716	45.467
Coffee	28.017	30.176	23.540	33.655
Rubber	123.677	136.619	140.333	139.455
Lemongrass oil	..	..	0.267	0.232

## 9.6.1 Estimates of Area, Mean Yield and Production of Rice for the year 1979-80 (Taluk-wise)

Area-In Hect.  
 Production-In Tonnes  
 Average yield of dry paddy-In Kg./Hect.

Sl. No.	Taluk and District	Autumn			Winter			Summer		
		Area	Production	Mean yield	Area	Production	Mean yield	Area	Production	Mean yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Neyyattinkara	4023	6856	2594	4046	4827	1816	400	430	1636
2	Trivandrum	3289	5206	2409	3352	3973	1804	280	262	1422
3	Nedumangad	4142	5274	1938	4046	5893	2207	433	298	1048
4	Chirayinkil	4106	5864	2174	4304	7216	2552	124	63	777
	Trivandrum District	15560	23200	2269	15766	21909	2115	1237	1053	1296
5	Quilon	3484	3987	1742	3634	6325	2649	215	204	1447
6	Kottarakkara	5984	9306	2367	6053	13597	3419	85	44	788
7	Kunnathur	4483	7299	2478	4729	8181	2633	85	41	736
8	Pathanapuram	4082	6533	2436	3892	7666	2898	13	10	1214
9	Pathanamthitta	1897	3779	3032	2209	4055	2794	197	359	2777
10	Karunagappally	4003	4066	1546	4542	5297	1775	308	235	1162
	Quilon District	23933	34970	2224	25059	45121	2741	903	893	1505
11	Karthigappally	3436	5946	2634	4359	5974	2086	3482	7067	3089
12	Mavelikara	5148	7458	2205	5329	7006	2001	2618	7338	4166
13	Chengannur	3060	5209	2591	2163	3716	2615	1950	5142	4014
14	Thiruvalla	1681	1993	1805	1312	2220	2576	2289	4549	3025
15	Kuttanad	11094	27974	3838	761	1753	3506	17742	50449	4328

## 9.6.1 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
16	Ambalapuzha	2826	743	400	3042	1259	630	950	2181	3494
17	Sherthalai	4477	2371	806	2277	929	621	..	..	..
	Alleppey District	31722	51694	2481	19243	22857	1808	29094	76726	4014
18	Changanacherry	1476	2513	2591	678	946	2123	2755	6878	3800
19	Kanjirappally	22	58	4001	23	39	2554	..	..	..
20	Kottayam	5811	11977	3137	2170	3993	2801	6134	13497	3349
21	Vaikom	3402	5125	2293	4633	6240	2050	442	760	2616
22	Meenachil	2511	4725	2864	2657	4621	2647	214	433	3078
	Kottayam District	13222	24398	2808	10161	15839	2373	9545	21568	3439
23	Peermade	..	..	..	55	123	2392	12	17	2215
24	Devicolam	481	1085	3434	972	2188	3427	243	354	2215
25	Udumbanchola	11	25	3434	539	1083	3072	..	..	..
26	Thodupuzha	2967	5480	2811	2546	4637	2772	..	..	..
	Idukki District	3459	6590	2899	4112	8036	2974	255	371	2215
27	Kothamangalam	4167	6428	2348	3594	5344	2263	840	1238	2244
28	Muvattupuzha	5456	9664	2696	6318	10548	2541	1262	1837	2215
29	Cochin	1565	1882	1830	..	..	..	..	..	..
30	Kanayannur	5415	6699	1883	3777	4375	1763	481	596	1886
31	Kunnathunad	12576	17673	2139	11983	18383	2335	7299	10032	2092
32	Alwaye	10006	15166	2307	9816	11286	1750	7076	12589	2708
33	Parur	3890	4853	1899	3364	3726	1686	2270	4200	2816
	Ernakulam District	43075	62365	2204	38852	53662	2102	19228	30492	2414
34	Cranganore	700	275	597	1936	1453	1142	51	57	1692
35	Mukundapuram	12657	15999	1924	15236	20661	2064	9681	1777	2795
36	Trichur	8203	9722	1804	12835	18349	2176	7881	14550	2810
37	Thalappally	15612	20063	1956	14341	20191	2143	2447	3805	2367
38	Chowghat	3803	4008	1604	4072	5195	1942	1199	2403	3050
	Trichur District	40975	50067	1860	48420	65849	2070	21259	38592	2763
39	Chittur	19514	54437	4246	15469	35093	3453	1538	3073	3041
40	Alathur	20460	54253	4036	28139	56590	3061	88	163	2827
41	Palghat	20551	53616	3971	17563	43317	3754	476	925	2958
42	Ottappalam	21088	29816	2152	17070	25144	2242	992	1500	2302
43	Mannarghat	7368	11383	2348	7480	10949	2228	965	1302	2053
	Palghat District	88981	203505	3481	85721	171093	3038	4059	6963	2611
44	Perinthalmanna	8375	10988	1997	6830	8966	1998	877	1241	2153
45	Ponnani	3824	5570	2217	3075	2972	1471	1468	3520	3650
46	Tirur	10331	10846	1598	10216	10504	1565	2388	4322	2755
47	Ernad	16915	25505	2295	15088	21977	2217	770	951	1880
	Malappuram District	39445	52909	2041	35209	44419	1921	5503	10034	2775
48	Kozhikode	4659	4402	1438	6611	6563	1511	953	1614	2577
49	Quilandy	3029	2527	1270	5260	3670	1062	1837	1612	1336
50	Badagara	2039	1564	1167	3003	2405	1219	212	179	1285
51	S. Wynad	26	20	1167	13799	23762	2621	4343	4443	1557
	Kozhikode District	9753	8513	1329	28673	36400	1931	7345	7848	1626
52	Vythiri	..	..	..	..	..	..	..	..	..
53	Sultan's Battery	..	..	..	..	..	..	..	..	..
54	Mananthavady	..	..	..	..	..	..	..	..	..
	Wynad District	..	..	..	..	..	..	..	..	..
55	N. Wynad	16	19	1823	9075	15603	2617	2565	4570	2712
56	Tellicherry	6456	7732	1823	3867	4289	1688	532	490	1403
57	Cannanore	6838	7804	1737	2717	3052	1710	109	113	1584
58	Taliparamba	8781	11544	2001	4620	6951	2290	590	780	2011
59	Hosdurg	6823	8589	1916	2964	3560	1828	1152	1767	2334
60	Kasargode	9334	13804	2251	5149	7821	2312	1909	3271	2608
	Cannanore District	38248	49492	1970	28392	41276	2213	6857	10991	2440
	State	348373	567703	2481	339608	526461	2359	105285	205531	2971



## 9.6.2-Estimate of Area, Mean Yield and Production of Rice for the year 1980-81

Area-In hectares  
Production of Rice-In Tonnes  
Average Yield of dry paddy-Kg. /Hect.

Sl. No.	Taluk and District	Autumn			Winter			Summer		
		Area	Production	Mean Yield	Area	Production	Mean Yield	Area	Production	Mean Yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Neyyattinkara	3940	5622	2172	4522	6423	2162	381	356	1423
2	Trivandrum	3179	4981	2385	3042	3879	1941	240	245	1552
3	Nedumangad	4256	6012	2150	4141	5653	2078	384	271	1074
4	Chirayinkil	3986	6070	2318	4410	6397	2208	102	77	1147
	Trivandrum District	15361	22685	2248	16115	22352	2111	1107	949	1305
5	Quilon	3560	4636	1982	3794	5230	2098	191	147	1174
6	Kottarakara	5958	9770	2496	5803	11011	2888	77	96	1894
7	Kunnathur	4693	6358	2062	4845	7818	2456	74	66	1360
8	Pathanapuram	3997	7773	2960	3957	7737	2976	10	7	1011
9	Pathanamthitta	2060	4100	3029	2372	3742	2401	198	132	1011
10	Karunagappally	3874	7106	2792	4319	6325	2229	273	135	750
	Quilon District	24142	39743	2506	25090	41863	2539	323	583	1078
11	Karthigappally	4268	6769	2414	4724	5720	1843	3020	5962	3005
12	Mavelikara	5252	7802	2261	5433	7785	2181	2516	5981	3618
13	Chengannur	2917	5059	2640	2461	4880	3018	1923	4921	3895
14	Thiruvalla	1860	2071	1695	1137	1855	2483	2675	5603	3188
15	Kuttanad	10829	29874	4199	5916	12819	3298	12901	27699	3268
16	Ambalapuzha	3163	1453	699	3075	1665	824	950	1784	2858
17	Sherthalai	4730	3139	1010	2626	2017	1169	..	..	..
	Alleppey District	33019	56167	2589	25372	36741	2204	24075	51950	3284
18	Changanacherry	2042	2821	2103	908	1506	2525	2580	5797	3420
19	Kanjirappally	73	175	3643	86	161	2848	..	..	..
20	Kottayam	5235	8416	2447	2644	5399	3108	4472	9096	3096
21	Vaikom	3846	7687	3042	4635	7790	2558	411	645	2389
22	Meenachil	2289	4202	2794	2526	4468	2692	201	315	2388
	Kottayam District	13485	23301	2630	10799	19324	2724	7664	15853	3148
23	Peermade	4	6	2304	69	175	3865	..	..	..
24	Devicolum	941	1477	2389	1453	3217	3370	199	201	1536
25	Udumbanchola	155	235	2304	934	2026	3302	72	73	1536
26	Thodupuzha	2762	4130	2276	2644	3935	2265	28	28	1536
	Idukki District	3862	5848	2304	5100	9353	2791	299	302	1536
27	Kothamangalam	4318	6292	2218	3706	5624	2310	788	810	1565
28	Muvattupuzha	5468	9836	2738	6379	11630	2775	1233	1244	1536
29	Cochin	1615	1778	1676	..	..	..	..	..	..
30	Kanayannur	5034	6162	1863	4048	4891	1839	445	745	2548
31	Kunnathunad	12544	16038	1946	12363	17317	2132	8274	11948	2198
32	Alwaye	10272	13761	2039	10107	14423	2172	6769	9353	2103
33	Parur	3923	5897	2288	3116	3276	1600	2098	3576	2594
	Ernakulam District	43174	59764	2107	39719	57161	2190	19607	27676	2148
34	Cranganore	811	440	326	2119	1146	823	68	123	2754
35	Mukundapuram	13244	14035	1613	15771	21935	2117	9270	16596	2725
36	Trichur	8000	8793	1673	12853	15158	1795	7433	11877	2432
37	Thalappally	14876	21697	2220	14518	21414	2245	2291	4547	3021
38	Chowghat	3653	4512	1880	3907	2729	1063	1500	2569	2607
	Trichur District	40584	49477	1855	49168	62382	1931	20562	35712	2644
39	Chittur	21381	55094	3922	16736	33877	3081	1676	2799	2542
40	Alathur	18918	42582	3426	28540	55484	2959	94	114	1852
41	Palghat	21583	53161	3749	18818	42839	3465	427	895	3192
42	Ottappalam	20401	27732	2069	17899	25119	2136	934	1376	2243

## 9.6.2 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
43	Mannarghat	7479	12024	2447	7557	18857	3798	1191	1829	2337
	Palghat District	89762	190593	3232	89550	176176	2994	4322	7013	2170
44	Perinthalmanna	8389	10665	1935	6996	9919	2158	936	1199	1949
45	Ponnani	3821	5342	2128	3490	4336	1891	1767	3356	2891
46	Tirur	10343	11660	1715	10239	13925	2070	1901	3190	2554
47	Ernad	16045	20461	1941	15287	22367	2227	803	1068	2024
	Malappuram District	38603	48128	1898	36012	50547	2136	5407	8813	2481
48	Ko. hikode	4595	3689	1222	6297	6963	1683	929	1212	1985
49	Quiandy	3182	2716	1299	5113	4646	1383	1713	2370	2106
50	Badgara	2002	1927	1465	2971	2664	1365	132	146	1681
51	S. Wynad	47	40	1297	14080	21276	2300	4390	6495	2252
	Kozhikode District	9826	8372	1297	28461	35549	1901	7164	10223	2172
52	Vythiri	..	..	..	..	..	..	..	..	..
53	Sultan Battery	..	..	..	..	..	..	..	..	..
54	Mananthavady	..	..	..	..	..	..	..	..	..
	Wynad District	..	..	..	..	..	..	..	..	..
55	North Wynad	21	22	1619	8939	12521	2132	2705	4455	2507
56	Tellicherry	6005	6387	1619	3927	4972	1927	527	695	2007
57	Cannanore	6914	8031	1768	2902	3399	1783	147	229	2374
58	Taliparamba	8448	11051	1991	4502	4993	1688	727	785	1643
59	Hosdurg	6816	9476	2116	3184	4003	1916	1429	1723	1835
60	Kasargode	9221	14703	2427	5292	7159	2059	1759	2753	2382
	Cannanore District	37425	49670	2020	28746	37052	1962	7294	10640	2220
	State	349243	553748	24313	354132	548500	2357	98324	169714	2627

Source: Directorate of Economics and Statistics.

## 9.6.3 Estimates of Area/Mean Yield and Production of Rice (Taluk wise) for the year 1981-82

Area-In hectares

Production of Rice-In Tonnes

Mean Yield of dry paddy-Kg./Hect.

All Varieties

Sl. No.	Taluk and District	Autumn			Winter			Summer		
		Area	Production	Mean yield	Area	Production	Mean yield	Area	Production	Mean yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Neyyattinkara	3695	5614	2312	3699	5221	2148	365	449	1782
2	Trivandrum	3179	4334	2075	2908	4119	2156	240	208	1319
3	Nedumangad	4096	5714	2123	3968	6694	2568	392	456	1770
4	Chirayinkil	3830	5045	2005	4293	6863	2433	110	120	1660
	Trivandrum District	14800	20707	2129	14868	22897	2344	1107	1233	1695
5	Quilon	3898	4302	1680	3858	4981	1965	165	186	1716
6	Kottarakkara	6259	11695	2844	6001	12141	3079	84	96	1740
7	Kunnathur	4590	8272	2743	4908	9814	3043	84	107	1944
8	Pathanapuram	3904	7409	2888	3861	7969	3141	8	7	1331
9	Pathanamthitta	1829	3125	2600	2232	4129	2816	183	213	1772
10	Karunagappally	4060	4299	1612	4227	4337	1562	255	287	1711
	Quilon District	24540	39102	2425	25087	43371	2631	779	896	1751
11	Karthigappally	4043	5939	2236	4906	5799	1799	2993	8447	4296
12	Mavelikkara	5931	6502	1669	5922	7758	1994	2226	5338	3650
13	Chengannur	3000	3751	1903	2783	5773	3157	1994	4209	3213
14	Thiruvalla	1873	2236	1817	1051	2207	3196	3305	9602	4423
15	Kuttanad	10909	25392	3543	5928	17076	4384	16860	44862	4050
16	Ambalapuzha	3615	4722	1988	3075	5055	2502	950	2039	3267
17	Sherthala	4676	5206	1695	2566	1249	741	..	..	..
	Alleppey District	34047	53748	2403	26231	44917	2606	28328	74497	4003

## 9.6.3 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
18	Changanacherry	1885	2611	2108	1108	2939	4037	2325	5457	3572
19	Kanjipally	53	121	3475	145	264	2771	..	..	..
20	Kottayam	5879	13216	3421	3821	6072	2419	4352	8817	3084
21	Vaikom	4554	9200	3075	5039	7522	2272	411	596	2207
22	Meenachil	2064	2990	2205	2591	4383	2575	201	415	3144
	Kottayam District	14435	28138	2967	12704	21180	2507	7289	15285	3192
23	Peermade	4	7	2664	63	165	3962	..	..	..
24	Devicolam	941	1803	2916	1250	2440	2971	199	203	1558
25	Udumbanchola	155	288	2828	1170	2521	3279	72	74	1558
26	Thodupuzha	2414	4016	2532	2655	4556	2612	34	35	1558
	Idukki District	3514	6114	2649	5138	9682	2868	305	312	1557
27	Kothamangalam	4435	6724	2308	4086	6448	2402	753	1117	2258
28	Muvattupuzha	5486	10160	2819	6103	10967	2735	1207	1501	1892
29	Cochin	1671	2483	2262	..	..	..	..	..	..
30	Kanayannur	4630	4725	1553	3773	3930	1585	441	695	2397
31	Kunnathunad	10810	14837	2039	13813	21896	2413	7839	12512	2429
32	Alwaye	9759	13770	2148	9598	13123	2081	6465	8349	1966
33	Parur	3311	4439	2041	4006	6610	2511	2698	4709	2657
	Ernakulam District	40102	57138	2169	41379	62974	2316	19403	28883	2266
34	Kodungallur	817	443	825	2286	2498	1663	117	69	893
35	Mukundapuram	13931	12408	1356	16515	20175	1859	9532	12615	2014
36	Trichur	7245	9482	1992	15811	25475	2452	8082	11803	2223
37	Thalappally	16148	21220	2000	14509	22786	2390	2390	4555	2901
38	Chowghat	3653	3640	1517	2449	3376	2098	2026	4928	3702
	Trichur District	41794	47193	1719	51570	74310	2193	22147	33970	2335
39	Chittur	23086	69350	4572	17130	36983	3286	1466	2817	2925
40	Alathur	19886	50180	3341	26448	67482	3883	137	325	3611
41	Palghat	19863	45711	3503	18425	34648	2862	404	974	3670
42	Ottappalam	20561	28845	2135	17664	26391	2274	912	1094	1826
43	Mannarghat	6648	9420	2157	7149	9539	2031	1099	1630	2257
	Palghat District	90044	203506	3440	86816	175043	3069	4018	6840	2591
44	Perinthalmanna	8321	11485	2101	6810	10613	2372	1006	1315	1990
45	Ponnani	4156	4625	1694	4171	5017	1831	1458	2405	2511
46	Tirur	10065	10338	1563	10285	13645	2019	2114	3025	2178
47	Ernad	14974	18412	1871	14564	22973	2401	1050	1337	1938
	Malappuram District	37516	44860	1820	35830	52248	2219	5628	8082	2186
48	Kozhikode	4466	4618	1574	6406	6958	1653	838	1008	1831
49	Quilandy	3321	2771	1270	4756	4953	1585	1700	2463	2205
50	Badagara	2299	1747	1157	2872	2516	1333	295	470	2425
		47	40	1286*						
	Kozhikode District	10133	9176	1378	14034	14427	1565	2833	3941	2117
51	Vythiri				5424	10206	2864	1593	3200	3058
52	Sultan's Battery				8116	14088	2642	2760	3685	2032
53	Mananthavady		N.A.		9153	17815	2963	2975	6030	3085
	*Wynad District				22693	42109	2824	7328	12915	2683
		21	18	1286**						
54	Tellicherry	5656	7012	1887	4197	3988	1446	462	616	2029
55	Cannanore	6857	9817	2179	3040	3673	1839	135	141	1590
56	Taliparamba	8167	8094	1508	4117	5347	1977	662	708	1628
57	Hosdurg	6216	9553	2339	3124	4894	2384	1587	2211	2121
58	Kasargode	9235	12742	2100	5246	8094	2348	1689	2791	2515
	Cannanore District	36152	47236	1989	19724	25996	2006	4535	6467	2171
	State	347077	556918	2442	356074	589154	2518	103700	193321	2837

\*for South Wynad.

\*\*for North Wynad.

Note: For Autumn season details are not separately available for Wynad District.

Source: Department of Economics and Statistics.

**9-7-1 Season-wise Area, Mean yield and Production of High Yielding Varieties of Paddy 1979-80**

District	Area under High Yielding Varieties (Hectares)				Total	Mean yield of High Yielding Varieties (Dry Paddy in Kg./Hect.)				Annual Average	Production of Rice (Tonnes)			
	Autumn	Winter	Summer	Total		Autumn	Winter	Summer	Total		Autumn	Winter	Summer	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)		
Trivandrum	2050	716	744	3510	2495	2767	1196	2275	3360	1302	585	5247		
Quilon	10637	1424	366	12427	2759	2734	1779	2727	19283	2556	428	22269		
Alleppey	12384	2076	20091	34551	3341	2883	3867	3620	27186	3931	51052	82169		
Kottayam	8313	4482	8227	21022	3151	2650	3523	3190	17213	7801	19048	44062		
Idukki	3287	1669	215	5171	3026	3100	2324	3021	6536	3399	328	10263		
Ernakulam	19998	4141	3823	27962	2493	2453	2492	2481	32648	6674	6260	45382		
Trichur	6975	8465	9718	25158	2306	2263	3176	2628	10570	12591	20286	43447		
Palghat	66215	49203	2543	117961	4281	3453	2947	3908	186284	111659	4923	302866		
Malappuram	8236	7060	3646	18942	2902	1976	3210	2616	15704	9162	7688	32554		
Kozhikode	1444	2287	4303	8034	1622	2435	1635	1860	1539	3659	4622	9820		
Cannanore	2998	3042	1436	7476	2240	3103	2829	2705	4413	6203	2669	13235		
State	142537	84565	55112	282214	3467	3041	3256	3298	324736	168939	117889	611564		

Source: Directorate of Economics and Statistics.

**9-7-2 Season-wise Area, Mean yield and Production of High Yielding Varieties of Paddy 1980-81**

District	Area under High Yielding Varieties (Hectares)				Total	Mean yield of H.Y.V. (Dry paddy in Kg./Hect.)				Annual Average	Production of Rice (in Tonnes)			
	Autumn	Winter	Summer	Total		Autumn	Winter	Summer	Total		Autumn	Winter	Summer	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)		
Trivandrum	1694	789	459	2942	2397	2593	1330	2283	2668	1344	401	4413		
Quilon	12356	1163	94	13613	3040	2417	1895	2979	24678	1847	117	26642		
Alleppey	16062	5007	20674	41743	3002	3111	3397	3211	31685	10235	46147	88067		
Kottayam	11558	9799	4565	25922	2730	2668	3263	3233	21112	17176	9788	48076		
Idukki	2580	1889	86	4555	2256	1957	1558	2119	3824	2429	88	6341		
Ernakulam	13119	4081	5047	22247	2427	2305	2177	2348	20917	6182	7220	34319		
Trichur	7301	7779	9906	24986	2269	2187	2969	2521	10882	11177	19322	41381		
Palghat	62185	56115	2687	120987	3721	3162	2755	3440	152034	116564	4864	273462		
Malappuram	2065	1496	1845	5406	2816	2579	2862	2766	3821	2535	3469	9825		
Kozhikode	1773	2172	4358	8303	1535	1839	2735	2245	1733	2623	7832	12245		
Cannanore	5543	2101	1377	9021	2378	2263	2769	2411	3661	3124	2505	14299		
State	136236	92391	51098	279725	3151	2887	3105	3042	282070	175238	101753	559061		

Source: Directorate of Economics and Statistics.

9-7-3 Estimates of Area/Mean Yield/Production of High Yielding Varieties (Taluk-wise)  
For the Year 1981-82

Area in Hect.

Production in Tonnes.

Mean Yield of dry paddy Kg./Hect.

SL No.	Taluk and District	Autumn			Winter			Summer		
		Area	Production	Mean Yield	Area	Production	Mean Yield	Area	Production	Mean Yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Neyyattinkara	89	141	2411	25	32	1948	348	437	1913
2	Trivandrum	54	10	282	32	32	1556	87	75	1311
3	Nedumangal	549	967	2680	91	139	2318	261	269	1569
4	Chirayinkil	395	640	2465	152	323	3234	55	76	2103
	Trivandrum District	1087	1758	2461	300	526	2668	751	857	1736
5	Quilon	51	61	1815	..	..	..	2	2	1223
6	Kottarakara	3599	7656	3238	113	125	1691	72	85	1797
7	Kunnathur	2020	4306	3244	220	75	516	..	..	..
8	Pathanapuram	3424	6650	2956	126	242	2927	8	7	1331
9	Pathanamthitta	1770	3011	2589	724	1282	2695	92	113	1875
10	Karunagappally	564	828	2234	6	8	2113	..	..	..
	Quilon District	11428	22512	2998	1189	1732	2217	174	207	1811
11	Karthigappally	3505	5248	2279	83	98	1799	2988	8439	4299
12	Mavelikkara	2005	2494	1893	155	246	2411	1562	4308	4198
13	Chengannur	891	1452	2481	840	2082	3772	997	2360	3603
14	Thiruvalla	824	1293	2388	662	1477	3396	3266	9530	4441
15	Kuttanad	9393	22068	3576	1594	4536	4331	7568	22604	4546
16	Ambalapuzha	387	578	2274	194	454	3562	447	906	3085
17	Shertallai	103	336	4966	50	22	670	..	..	..
	Alleppey District	17108	33469	2978	3578	8915	3792	16828	48147	4355
18	Changanacherry	1847	2551	2102	4178	2871	4178	1209	2746	3457
19	Kanjirappally	26	64	3740	2594	123	2594	..	..	..
20	Kottayam	4386	10751	3731	2574	4811	2574	2639	5231	3017
21	Vaikom	3712	8058	3304	2253	7023	2253	177	196	1687
22	Meenachil	1752	2630	2285	2787	2617	2787	101	244	3669
	Kottayam District	11723	24054	3123	2619	17445	2619	4126	8417	3105
23	Peermade	..	..	..	26	73	4246	..	..	..
24	Devicoolam	784	1502	2616	728	1521	3179	199	203	1558
25	Udambanchola	..	..	..	..	..	..	72	74	1558
26	Thodupuzha	2342	3893	2530	477	837	2671	26	27	1558
	Idukki District	3126	5395	2627	1231	2431	3006	297	304	1558
27	Kothamangalam	3898	5830	2276	248	242	1485	422	624	2252
28	Muvattupuzha	5360	9986	2836	1000	1677	2552	79	104	1998
29	Cochin	..	..	..	..	..	..	..	..	..
30	Kanayannur	56	106	2869	19	26	2083	..	..	..
31	Kunnathunad	6151	8043	1990	520	1159	3392	2997	4864	2470
32	Alwaye	829	1035	1900	407	597	2233	225	338	2285
33	Parur	417	686	2504	81	133	2499	173	341	2997
	Ernakulam District	16711	25686	2339	2275	3834	2565	3896	6271	2450

## 9-7-3 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
34	Kodungallur	3	2	1090	456	622	2076	..	..	..
35	Mukundapuram	2647	1915	1101	452	454	1529	1088	1459	2041
36	Trichur	399	529	2018	5858	12310	3198	6390	9790	2332
37	Thalappally	3052	4529	2259	2425	3942	2474	1204	3439	4347
38	Chowghat	468	696	2263	949	2023	3244	2026	4928	3702
	Trichur District	6569	7671	1777	10140	19351	2705	10708	19616	2788
39	Chittur	16250	51069	4789	12294	25434	3149	228	331	2209
40	Alathur	17520	44177	3838	5557	12278	3363	65	132	3091
41	Palghat	18790	43985	3563	14933	29069	2963	404	974	3671
42	Ottappalam	3495	5750	2504	493	817	2497	157	241	2338
43	Mannarghat	2034	3376	2526	1578	2362	2278	467	936	3050
	Palghat District	58069	148357	3888	34860	69960	3054	1321	2614	3012
44	Perinthalmanna	1689	3143	2832	122	261	3256	364	566	2365
45	Ponnani	166	200	1832	291	309	1616	1133	2042	2743
46	Tirur	2526	3414	2057	2516	4152	2512	1034	1453	2140
47	Ernad	2591	3524	2070	1030	1900	2808	494	824	2539
	Malappuram District	6972	10281	2244	3959	6622	2546	3025	4885	2458
48	Kozhikode	496	713	2189	540	837	2359	214	286	2034
49	Quilandy	784	963	1869	855	1369	2437	1506	2258	2283
50	Badagara	51	57	1715	12	11	1395	263	439	2540
	Kozhikode District	1331	1733	1982*	1407	2217	2398	1983	2983	2290
51	Vythiri	..	..	..	33	62	2864	216	454	3200
52	Sultan's Battery	..	..	..	186	344	2818	1700	2415	2162
53	Mananthavady	..	..	..	1754	3699	3210	578	1459	3843
	Wynad District	..	..	**	1973	4105	3167	2494	4328	2641
54	Tellicherry	1957	3070	2338	803	126	2396	294	453	2345
55	Cannanore	1344	2312	2618	155	242	2376	54	63	1772
56	Taliparamba	972	1342	2101	725	1270	2666	518	552	1622
57	Hosdurg	267	493	2813	784	143	2885	266	421	2410
58	Kasargode	277	353	1940	63	..	4674	448	940	3195
	Cannanore District	4817	7570	2392	2530	4425	2662	1580	2429	2340
	State	138941	288486	3160	73579	141563	2928	47183	101058	3260

Note: \*S. Wynad Data for Autumn season are not separately available for Wynad District.

\*\*N. Wynad Data for Autumn season are not separately available for Wynad District.

Source: Directorate of Economics and Statistics.

## 9.7.4—Irrigated/Unirrigated Season-wise Area under Paddy (in Hectares)—1979-80

District	Area under Autumn Paddy						Area under Winter Paddy						Area under Summer Paddy					
	High Yielding Variety		Others		Total	(1)	High Yielding Variety		Others		Total	(11)	High Yielding Variety		Others		Total	(16)
	Irrigated	Unirrigated	Irrigated	Unirrigated	(2)		(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)	(11)	(12)	
Trivandrum	889	1161	3300	10210	15360	155	561	4587	10463	15766	481	263	216	277	1237			
Quilon	412	10225	56	13240	23933	221	1203	1741	21894	25059	174	192	123	414	903			
Alleppey	61	12323	..	19338	31722	402	1674	434	16733	19243	9676	10415	359	8644	29094			
Kottayam	25	8288	4	4905	13222	256	4226	126	5553	10161	648	7579	236	1082	9545			
Idukki	134	3153	43	129	3459	705	964	429	2014	4112	8	207	13	27	255			
Ernakulam	12486	7512	2480	20597	43075	3934	207	24395	10316	38852	3343	480	15403	2	19228			
Trichur	1241	5734	1835	32165	40975	6174	2291	25570	14385	48420	9618	100	1217	324	21259			
Palghat	37137	29078	1491	21275	88981	42710	6493	19729	16789	83721	2384	159	1199	317	4059			
Malappuram	161	8075	313	30896	39443	1913	5147	7550	20599	33209	3561	85	1558	299	5503			
Kozhikode	..	1444	..	8309	9753	64	2223	522	25864	28673	3283	1020	2088	954	7345			
Cannanore	..	2998	9	35241	38248	1629	1413	10227	15123	28392	1258	178	3499	1922	6857			
State	52546	89991	9531	196305	348373	58163	26402	95310	159733	339608	34434	20678	35911	14262	105285			

Source: Directorate of Economics and Statistics.

## 9.7.5—Irrigated/Unirrigated Season-wise Area under Paddy (in Hectares)—1980-81

District	Area under Autumn Paddy						Area under Winter Paddy						Area under Summer Paddy					
	High Yielding Variety		Others		Total	(1)	High Yielding Variety		Others		Total	(11)	High Yielding Variety		Others		Total	(16)
	Irrigated	Unirrigated	Irrigated	Unirrigated	(2)		(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)	(11)	(12)	
Trivandrum	178	1516	3643	10024	15361	100	689	4745	10581	16115	408	51	216	432	1107			
Quilon	76	12280	114	11672	24142	6	1157	675	23252	25090	..	94	..	729	823			
Alleppey	..	16062	..	16957	33019	1661	3346	295	20070	25372	9882	10792	97	3304	24075			
Kottayam	6	11552	1	1926	13485	1244	8555	77	923	10799	..	4565	..	3099	7664			
Idukki	47	2533	28	1254	3862	625	1264	1765	1446	5100	..	86	7	206	299			
Ernakulam	7059	6060	15356	14699	43174	3132	949	25497	10141	39719	4888	159	14168	392	19607			
Trichur	636	6665	1733	31550	40584	2712	5067	22776	18613	49168	9901	5	10651	5	20562			
Palghat	16007	46178	1050	26527	69762	50862	5253	19337	14098	89550	2584	103	1621	14	4322			
Malappuram	120	1945	490	36048	33603	385	1111	10558	23958	36012	1802	43	3454	108	5407			
Kozhikode	3	1770	2	8051	9826	35	2137	608	25681	28461	4149	209	2422	384	7164			
Cannanore	..	5543	9	31873	37423	1529	572	9692	16953	28746	1067	310	4672	1245	7294			
State	24132	112104	22426	190581	349243	62291	30100	69025	165716	354132	34681	16417	37308	9918	98324			

Source: Directorate of Economics and Statistics.

## 9.7.6—Irrigated/Unirrigated Season-wise area under Paddy (in Hectares)—1981-82

District	Area under Autumn Paddy					Area under Winter Paddy					Area under Summer Paddy				
	High yielding Variety		Others		Total	High yielding Variety		Others		Total	High yielding Variety		Others		Total
	Irrigated	Unirrigated	Irrigated	Unirrigated		Irrigated	Unirrigated	Irrigated	Unirrigated		Irrigated	Unirrigated	Irrigated	Unirrigated	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Trivandrum	75	1012	3607	10106	14800	39	261	4402	10166	14868	816	105	37	149	1107
Quilon	531	10897	878	12234	24540	146	1043	3654	20244	25087	126	48	442	163	779
Alleppey	..	17108	..	16939	34047	939	2639	1092	21561	26231	8810	8018	1705	9795	28328
Kottayam	6	11717	15	2697	14435	3551	6586	701	1866	12704	72	4054	25	3138	7289
Idukky	142	2984	16	372	3514	442	789	1946	1961	5138	..	297	4	4	305
Ernakulam	8131	8580	5422	17969	40102	2006	269	27831	11273	41379	3893	3	15462	45	19403
Trichur	140	6429	1387	33838	41794	7883	2257	28294	13136	51570	10825	..	11322	..	22147
Palghat	274	57795	125	31850	90044	31677	3183	34154	17802	86316	1308	13	2	194	4018
Malappuram	95	6877	447	30097	37516	2419	1540	11115	20756	35830	2934	91	2482	121	5628
Kozhikode	..	1331	13	8789	10133	104	1303	1095	11532	14034	1799	184	844	6	2833
Wynad	..	..	..	..	..	..	1973	2	20718	22693	2479	15	4312	522	7328
Cannanore	94	4723	317	31018	36152	2305	225	10929	6265	19724	1568	12	2936	19	4535
State	9488	129453	12227	195909	347077	51511	22068	125215	157280	356074	34630	12840	42074	14156	103700

Source: Directorate of Economics and Statistics.



**9.7.7—Index Numbers of Net Area Sown in Kerala**

Base: Triennium ending 1969-70=100

Year	Index Numbers
1960-61	89.49
1961-62	89.87
1962-63	93.48
1963-64	94.07
1964-65	94.77
1965-66	96.04
1966-67	97.30
1967-68	99.05
1968-69	100.20
1969-70	100.76
1970-71	101.03
1971-72	101.75
1972-73	102.22
1973-74	102.47
1974-75	102.76
1975-76	101.87
1976-77	102.40
1977-78	102.43

Source: Directorate of Economics and Statistics.

**9.7.8—Index Numbers of Cropping Intensity in Kerala**

Base: Triennium ending 1969-70=100

Year	Index Numbers
1960-61	92.31
1961-62	91.29
1962-63	91.88
1963-64	91.43
1964-65	91.79
1965-66	92.93
1966-67	94.32
1967-68	97.05
1968-69	100.75
1969-70	102.14
1970-71	102.46
1971-72	102.70
1972-73	103.33
1973-74	103.63
1974-75	104.41
1975-76	105.82
1976-77	103.42
1977-78	101.00

Source: Directorate of Economics and Statistics.

**9.7.9—Index Numbers of Cropping pattern in Kerala**

Base: Triennium ending 1969-70=100

Year	Index Numbers
1960-61	97.39
1961-62	97.56
1962-63	96.61
1963-64	96.36
1964-65	96.71
1965-66	97.98
1966-67	98.49
1967-68	100.07
1968-69	99.99
1969-70	99.94
1970-71	100.04
1971-72	100.31
1972-73	100.44
1973-74	100.59
1974-75	100.92
1975-76	96.62
1976-77	96.30
1977-78	95.24

Source: Directorate of Economics and Statistics.

**9.7.10—Index Numbers of Agricultural productivity per hectare of net area sown**

Base: Triennium ending 1969-70=100

Year	Index Numbers
1960-61	88.94
1961-62	87.52
1962-63	86.37
1963-64	86.06
1964-65	87.88
1965-66	86.96
1966-67	91.04
1967-68	96.34
1968-69	99.92
1969-70	103.69
1970-71	105.54
1971-72	110.75
1972-73	110.93
1973-74	109.46
1974-75	111.45
1975-76	111.83
1976-77	106.62
1977-78	104.58

Source: Directorate of Economics and Statistics.

**9.8.1—Consumption of Fertilizers in Kerala**

(in tonnes)

Year	Nitrogen (N)	Nutrients Phosphorus (P 202)	Potash (K 220)	Total
(1)	(2)	(3)	(4)	(5)
1970-71	26335	14183	16139	56657
1975-76	31654	14374	16643	62671
1977-78	33553	15696	20157	69406
1979-80	46340	25402	33872	105614
1980-81	41696	23402	32431	97529
1981-82	40612	23214	30935	94761
1982-83	45233	26555	38065	109853

Source: Directorate of Agriculture.

## 9·8·2—District-wise consumption of Fertilizers in Kerala—1979-80, 80-81, 81-82 and 1982-83

District	1979-80				1980-81			
	Nitrogen	Phosphorus	Potash	Total	Nitrogen	Phosphorus	Potash	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	2876	1596	1797	6269	2308	1430	1856	5594
Quilon	3028	1974	2548	7550	2876	1930	2289	7095
Alleppey	5979	3023	4540	13542	5626	3041	5027	13694
Kottayam	5596	3516	4607	13719	5600	3346	4370	13316
Idukki	1979	2155	2122	6256	1142	1554	1753	4449
Ernakulam	3623	2199	2912	8734	3495	2200	2673	8373
Trichur	3946	1876	3221	9043	3266	1720	2937	7923
Palghat	9426	2474	3089	14989	8629	2275	2899	13803
Malappuram	2951	1511	2140	6602	2590	1460	2166	6216
Kozhikode	3730	2805	3392	9927	3089	2258	3144	8491
Wynad*	..	..	..	..	..	..	..	..
Cannanore	3206	2273	3504	8983	3075	2190	3312	8577
Total	46340	25402	33872	105614	41696	23404	32431	97531

\*A newly formed district for which break up of consumption data not available prior to Rabi 1981-82.

## 9·8·2—(Contd.)

District	1981-82				1982-83			
	Nitrogen	Phosphorus	Potash	Total	Nitrogen	Phosphorus	Potash	Total
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Trivandrum	2494	1379	1778	5651	3760	2020	3543	9323
Quilon	3045	2224	2518	7787	3818	2754	3312	9884
Alleppey	4525	2520	4038	11083	5651	3400	4243	13294
Kottayam	5271	3727	4366	13364	5269	3435	3774	12470
Idukki	1078	961	935	2974	1198	1345	1219	3762
Ernakulam	3389	2330	2816	8535	2435	2218	2382	7035
Trichur	3398	1793	2982	8173	3965	2057	3082	9014
Palghat	8973	2471	3155	14599	9775	2087	3881	15745
Malappuram	2933	1653	2380	6966	2649	1719	2738	7106
Kozhikode	2075	1662	2287	6024	3073	2672	6043	11788
Wynad	678	394	573	1645	1464	1059	1310	3833
Cannanore	2753	2100	3107	7960	2174	1789	2538	6503
Total	40612	23214	30935	94761	45233	26555	38065	109853

Source: Directorate of Agriculture.

9·8·3-Season-wise consumption of N, P, O<sub>5</sub>, K<sub>2</sub>O by Districts - 1980-81

State/District	Kharif				Rabi				Total			
	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Total	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Total	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	1243	786	1032	3061	1065	644	824	2533	2308	1430	1856	5594
Quilon	1617	1195	1339	4151	1259	735	931	2945	2876	1930	2290	7096
Alleppey	2368	1307	2097	5772	3258	1734	2930	7922	5626	3041	5027	13694
Kottayam	2944	1796	2192	6932	2655	1550	2178	6383	5599	3346	4370	13315
Idukki	706	1077	972	2755	436	477	780	1693	1142	1554	1752	4448
Ernakulam	1943	1240	1411	4594	1552	960	1267	3779	3495	2200	2678	8373
Trichur	1522	771	1269	3562	1744	949	1668	4361	3266	1720	2937	7923
Palghat	4376	1306	1609	7291	4253	969	1291	6513	8629	2275	2900	13804
Malappuram	1282	775	1057	3114	1309	685	1109	3103	2591	1460	2166	6217
Kozhikode	1849	1509	1893	5251	1240	749	1251	3240	3089	2258	3144	8491
Cannanore	1030	1214	1504	4348	1445	976	1807	4228	3075	2190	3311	8576
Kerala State	21480	12976	16375	50831	20216	10428	16056	46700	41696	23404	32431	97531

Source: Fertilizer Statistics, 1981-82.

9·8·4-Season-wise consumption of N, P, O<sub>5</sub>, K<sub>2</sub>O—by Districts 1981-82

State/District	Kharif				Rabi				Total			
	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Total	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Total	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	1212	788	1034	3034	1282	591	744	2617	2494	1379	1778	5651
Quilon	1683	1371	1460	4514	1362	853	1058	3273	3045	2224	2518	7787
Alleppey	1919	1050	1625	4594	2606	1470	2413	6439	4525	2520	4038	11083
Kottayam	2566	2031	2099	6696	2705	1696	2267	6668	5271	3727	4366	13364
Idukki	522	681	611	1814	556	280	324	1160	1078	961	935	2974
Ernakulam	1904	1302	1532	4738	1485	1028	1284	3797	3389	2330	2816	8535
Trichur	1679	843	1497	4019	1719	950	1485	4154	3398	1793	2982	8173
Palghat	4430	1387	1650	7467	4543	1084	1505	7132	8973	2471	3155	14599
Malappuram	1420	897	1185	3502	1513	756	1195	3464	2933	1653	2380	6966
Kozhikode	1343	1096	1378	3817	732	566	909	2207	2075	1662	2287	6024
Cannanore	1463	1215	1615	4293	1290	885	1492	3667	2753	2100	3107	7960
Wynad	..	..	..	..	678	394	573	1645	678	394	573	1645
Kerala State	20141	12661	15686	48488	20471	10553	15249	46273	40612	23214	30935	94761

Source: Fertilizer Statistics 1981-82.

## 9·8·5-Consumption of plant Nutrients per unit of gross cropped area in Kerala and India

Year	Kerala				India			
	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Total	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Total
1980-81	14.3	3.0	11.1	33.4	21.3	7.0	3.6	31.9
1981-82	14.1	3.1	10.7	32.9	23.2	7.5	3.9	34.6

Source: Fertilizer Statistics, 1981-82.

9·9-Distribution of operational holdings according to size of holding (District-wise)  
Size of holding/Hect.

District	0·02-0·99	1·00-1·99	2·00-3·99	4·00-9·99	10·00 and above	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	310765	14310	3984	794	127	329980
Quilon	378322	23169	6219	854	97	408661
Alleppey	336107	19946	5970	1422	107	363552
Kottayam	187189	30237	13483	3293	350	234602
Idukki	57166	17885	8263	2470	530	86314
Ernakulam	291538	29969	9857	2278	69	33711
Trichur	279065	23698	6973	1203	46	310990
Palghat	210602	26072	15890	7078	773	260415
Malappuram	251948	25366	11244	3553	393	292509
Kozhikode	278339	24710	10371	3221	487	317128
Cannanore	285477	41505	19941	6876	510	354309
State	2866518	276917	112195	33047	3494	3292171

Source: Agricultural Census, 1976-77.

## 9·10-Distribution of Tea Estates in Kerala

Size of Group	No. of Tea Estates					Area in Hectares				
	1976-77 (1977)	1977-78 (1977)	1978-79 (1978)	1979-80 (1979)	1980-81 (1980)	1976-77* (1977)	1977-78 (1978)	1978-79 (1978)	1979-80 (1979)	1980-81 (1980)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Upto 5	3358					1826				
5 to 50	119	3996	3968	3968	3987	1711	3524	3630	3634	3683
50 to 100	21	21	19	21	19	1555	1549	1393	1454	1378
100 to 200	32	32	31	30	29	4648	4631	4426	4310	4294
200 to 400	56	56	55	56	56	16079	16020	15743	16168	16207
Above 400	19	19	20	19	19	10308	10470	10949	10575	10567
Total	4105	4124	4093	4094	4110	36327	36194	36141	36141	36129

Source: Tea Board.

\*Data in size group and estimates.

## 9·11·1-District-wise area and Production of Rubber—1977-78

District	Area under Rubber in Kerala at the end of 1977-78 (Hect.)	Tappable area under rubber in Kerala at the end of 1977-78 (Hect.)	Production of rubber during 1977-78 (M.T.)
Trivandrum	8031	6924	5428
Quilon	34759	29310	25107
Alleppey	3865	3654	2442
Kottayam	55404	44549	34103
Idukki	15721	13440	10804
Ernakulam	20845	17148	13291
Trichur	8947	8350	7602
Palghat	9125	6728	44554
Malappuram	17594	14967	10640
Kozhikode	17045	14954	10625
Cannanore	20935	17860	11411
State	212271	177884	135907

Source: Rubber Board.

## 9.11.2-District-wise area and Production of Rubber—1978-79

District	Area under Rubber in Kerala at the end of 1978-79 (Hect.)	Tappable area under rubber in Kerala at the end of 1978-79 (Hect.)	Production of rubber during 1978-79 (M.T.)
Trivandrum	8153	6850	5060
Quilon	34933	28709	24060
Alleppey	3875	3254	1730
Kottayam	55931	45178	32187
Idukki	15802	13218	10140
Ernakulam	21311	17277	11421
Trichur	8950	7732	6408
Palghat	9347	7119	4263
Malappuram	17648	15068	9785
Kozhikode	17277	14806	9323
Cannanore	21188	17844	9300
State	214415	177055	123677

Source: Rubber Board.

## 9.11.3-District-wise Area and Production of Rubber—1979-80

District	Area under Rubber in Kerala at the end of 1979-80 (Hect.)	Tappable area under rubber in Kerala at the end of 1979-80 (Hect.)	Production of Rubber during 1979-80 *(M.T.)
Trivandrum	8246	7193	5681
Quilon	34674	28582	24651
Alleppey	4030	3940	2687
Kottayam	55805	46674	35373
Idukki	16069	13211	10764
Ernakulam	21488	17528	13551
Trichur	8963	7612	6978
Palghat	9372	6631	4386
Malappuram	17893	14546	10351
Kozhikode	17396	14565	10319
Cannanore	21538	18409	11878
State	215474	178891	136619

\*Provisional.

Source: Rubber Board.

## 9.11.4-District-wise Area and Production of Rubber—1980-81

District	Area under Rubber in Kerala at the end of 1980-81 (Hect.)	Tappable area under rubber in Kerala at the end of 1980-81 (Hect.)	Production of Rubber during 1980-81* (M.T.)
Trivandrum	8304	7191	5833
Quilon	35369	28688	25561
Alleppey	4059	3930	2743
Kottayam	57535	46638	35789
Idukki	16561	13254	11340
Ernakulam	21861	17541	13929
Trichur	8972	7676	7207
Palghat	9524	6651	4516
Malappuram	17969	14603	10671
Kozhikode	17563	14620	10730
Cannanore	22149	18413	12198
State	219866	179205	140522

\*Provisional.

Source: Rubber Board.

## 9.12-Size distribution of Holdings and area under Coffee in Kerala State

Size	Numbers of Estates			Area in Hectare		
	1977-78	1978-79	1979-80	1977-78	1978-79	1979-80
Below 2 Hectares	15185	31440	36108	15270	25129	28777
2 - 4 "	1922	2386	2432	5083	6136	6248
4 - 10 "	537	564	585	3721	3824	3954
10 - 20 "	110	106	113	1576	1611	1673
20 - 40 "	42	50	52	1161	1381	1453
40 - 60 "	23	27	26	1112	1303	1271
60 - 80 "	12	14	15	849	957	1057
80 - 100 "	10	9	9	868	811	834
100 and above	11	15	18	1667	2202	2468
Unregistered	28572	16717	12961	20401	12800	9829
Total	46424	51328	52319	51708	56154	57564

Source: Coffee Board.

9.13-1-Progress in the disposal of ceiling returns and in ordering surrender of surplus lands and distributions of surplus lands taken over upto the end of March 1980

Area in hectares

District	Total No. of ceiling returns received	Total extent of land offered for surrender by the declarants in hectares	No. of ceiling returns disposed of	No. of ceiling returns to be disposed of	Extent of surplus land ordered to be surrendered	Extent of land taken over	Extent of land distributed
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Trivandrum	1461	223	1456	5	1316.18	600.15	381.95
Quilon	2305	373	2279	26	3791.39	1805.83	1442.82
Alleppey	2952	3953	2808	144	8447.89	4615.95	3221.32
Kottayam	4886	1491	4842	44	5068.20	4013.39	3137.95
Idukki	2852	5668	2837	15	8334.00	5187.18	2662.50
Ernakulam	4798	736	4791	7	3150.91	1260.72	956.
Trichur	3429	2138	3393	36	5785.42	3485.24	2723.19
Palghat	10980	6153	9961	1019	21798.06	11047.75	9102.69
Malappuram	6372	6282	5364	1008	10596.00	6031.99	5003.62
Kozhikode	8783	22579	8369	414	8779.13	5758.04	3819.94
Cannanore	15435	56197	14524	911	3953.57	29915.29	15865.01
State Land Board	306	..	296	10	..	..	..
Total	64559	105793	60920	3639	116604.75	73721.53	48317.55

9-13-1—(Contd.)

District	Beneficiaries							
	Scheduled Caste		Scheduled Tribes		Other Communities		Total	
	No. of Persons	Extent assigned	No. of Persons	Extent assigned	No. of Persons	Extent assigned	No. of Persons	Extent assigned
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Trivandrum	1650	188.14	..	..	1729	193.81	3379	381.95
Quilon	1942	733.13	..	..	1904	709.69	3846	1442.82
Alleppey	2234	1389.94	..	..	2340	1831.38	4574	3221.32
Kottayam	2022	1166.63	..	14.49	1447	1971.32	4916	3137.95
Idukki	1103	1012.50	17	..	1756	1635.51	2874	2662.50
Ernakulam	2359	613.03	11	3.35	2894	340.18	3817	956.56
Trichur	3933	1033.71	..	..	7144	1689.48	11077	2723.19
Palghat	5375	3955.84	341	708.26	3564	2713.78	6675	5003.62
Malappuram	3104	2283.79	7	6.05	5790	4438.59	12006	9102.69
Kozhikode	2191	948.40	1805	1321.21	3502	1550.33	7498	3819.94
Cannanore	3522	3245.20	2343	2133.48	9593*	10486.33	15458	13865.01
State Land Board	..	..	..	..	..	..	..	..
Total	29435	16570.31	4524	4186.84	41663	27560.40	76122	48317.55

\*Including two societies

Source: Board of Revenue

**9-13-2-Statement showing the receipts, disposal and balance number of applications under section 31 of the K.L.R. Act as on 31-3-1980**

District (By Special Tahsildar LTS)	Total applications so far received	Disposals			Total	Balance	Remarks
		Allowed	Rejected				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
Trivandrum	177	1	176	177	..	..	
Quilon	330	72	258	330	..	..	
Alleppey	650	158	439	597	53	..	
Kottayam	388	30	358	388	..	..	
Idukki	108	18	9	108	..	..	
Ernakulam	1154	241	913	1154	..	..	
Trichur	1472	457	1015	1472	..	..	
Palghat	493	123	370	493	..	..	
Malappuram	395	134	260	394	1	..	
Kozhikode	250	63	186	249	1	..	
Cannanore	1195	403	792	1195	..	..	
Total	6612	1709	4857	6357	55	..	

Source: Board of Revenue.

**9-13-3-Statement showing the receipt, disposal and balance of application  
under section 72 of the K.L.R. Act as on 31-3-1980**

District (by Special Tahsildar, Land Tribunals)	Receipts	Disposals (allowed)	Disposals (rejected)	Other disposals	Total disposals	Balance
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	24147	6821	15445	1792	24058	89
Quilon	27386	12923	12978	1418	27319	67
Alleppey	81056	34667	41818	4427	80912	144
Kottayam	55770	27050	11113	17458	55621	149
Idukki	8063	4531	3417	87	8035	28
Ernakulam	153567	82381	41565	29440	153386	131
Trichur	278735	199404	32683	46148	278235	500
Palghat	474820	337306	77871	57782	472959	1861
Malappuram	516559	368209	89161	57336	514706	1583
Kozhikode	760026	469986	149667	139484	759137	889
Cannanore	648228	466676	141029	40044	647749	479
Total	3028357	2009954	616747	395416	3022117	6240
Other Land Tribunals	591502	427890	127602	29975	585467	6035
Grand Total	3619859	2437844	744349	425391	3607584	12275

Source: Board of Revenue.

**9-13-4-Statement showing the receipt, disposal and balance number of applications  
under Section 77 of the K.L.R. Act as on 31-3-1980**

Districts (by Special Tahsildar, Land Tribunals)	Total applications so far received	Disposals			Balance	Remarks
		Allowed	Rejected	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	745	221	522	743	2	
Quilon	344	98	243	341	3	..
Alleppey	1671	414	1227	1641	30	..
Kottayam	738	233	496	729	9	..
Idukki	..	..	..	..	..	..
Ernakulam	723	106	603	709	14	..
Trichur	770	208	561	769	1	..
Palghat	4	4	..	4	..	..
Malappuram	620	163	445	608	12	..
Kozhikode	745	165	566	731	14	..
Cannanore	519	66	453	519	..	..
Total	6879	1678	5116	6794	85	..

Source: Board of Revenue.

**9-13-5-Statement showing the receipt disposal and balance number of applications  
under section 80 (A) 9 of the K.L.R. Act as on 31-3-1980**

Districts (by Special Tahsildar, Land Tribunals)	Total applications so far received	Disposals			Balance	Remarks
		Allowed	Rejected	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	2	2	..	2	..	..
Quilon	7	2	2	4	3	..
Alleppey	17	1	16	17	..	..
Kottayam	95	52	43	95	..	..
Idukki	11	5	6	11	..	..
Ernakulam	322	70	2	322	..	..
Trichur	547	269	252	545	2	..
Palghat	..	..	276	..	..	..
Malappuram	193	62	131	193	..	..
Kozhikode	137	96	41	137	..	..
Cannanore	634	249	38	634	..	..
Total	1965	808	1152	1960	5	..

Source: Board of Revenue.



**9-13-6-Statement showing the receipt disposal and balance of applications  
under section 80 B of the K.L.R. Act as on 31-3-1980**

Districts (By Special Tahsildar Land Tribunals)	Receipts	Disposals allowed	Disposals rejected	Other disposals	Total disposals	Balance	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Trivandrum	34505	17894	16395	56	34345	160	..
Quilon	22635	10316	10935	1227	22478	157	..
Alleppey	111774	76740	32691	904	110335	1439	..
Kottayam	32323	20478	10590	1136	32204	119	..
Idukki	1401	652	735	3	1390	11	..
Ernakulam	101186	59127	35553	5833	100518	668	..
Trichur	54312	37834	15922	332	54088	224	..
Palghat	639	237	401	1	639	..	..
Malappuram	23124	16883	4503	1545	22931	193	..
Kozhikode	35682	17833	9592	7970	35395	287	..
Cannanore	16471	8303	8060	..	16363	108	..
Total	434052	184864	145377	19012	430686	3366	..

Source: Board of Revenue.

**9-13-7-Statement showing the number of certificates of purchase issued under sections  
72 and 80 B of the K.L.R. Act as on 31-3-1980**

Districts (By Special Tahsildars Land Tribunals)	Under Section 72		Under Section 80 B		Remarks
	Number of cases allowed	Number of certificates of purchase issued	Number of cases allowed	Number of certificates of purchase issued	
(1)	(2)	(3)	(4)	(5)	(6)
Trivandrum	6821	6802	17894	11611	..
Quilon	12923	12888	10316	10154	..
Alleppey	34667	34667	76740	76740	..
Kottayam	27050	26635	20478	19577	..
Idukki	4531	4299	652	635	..
Ernakulam	82381	82320	59127	56240	..
Trichur	199404	197031	37834	36311	..
Palghat	337306	332217	234	189	..
Malappuram	368209	365886	16883	16326	..
Kozhikode	469986	465718	17833	17102	..
Cannanore	466676	465733	8303	8186	..
Total	2009954	1994196	266297	252371	..
Special Munsiff Tribunals and Special Tahsildar (L.R.) attached to them					
Kottayam	54048	53927	..	..	..
Deputy Collector Land Tribunals and Special Tahsildar (L.R.) attached to them.					
Quilon	37986	35608	..	..	..
Ernakulam I	19971	19127	..	..	..
Trichur II	33242	32253	..	..	..
Trichur III	34448	26198	..	..	..
Chavakkad	6574	6362	..	..	..
Ottappalam	56070	54336	..	..	..
Malappuram	46943	42919	..	..	..
Kalpetta	17651	17042	..	..	..
Badagara	36071	35946	..	..	..
Cannanore	84886	84764	..	..	..
Total	427890	408482	..	..	..
Grand Total	2437844	2402678	266297	252371	..

Source: Board of Revenue.

## 9-13-8-Agricultural Implements and Machinery (1977 Livestock Census) (District-wise)

State/District	Bullock and manually operated implements								
	Ploughs		Blade harrows/ Brakher Guntuka	Wet land puddler	Earth leveler/ Scrapers	Seed drills	Maize shellers	Bullock Carts	Hand Carts
	Wooden	Iron							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Kerala	316975	69191	60132	103482	38936	858	176	15092	5433
Trivandrum	9056	5788	2945	2458	678	21	2	1294	1077
Quilon	19266	20519	3446	9263	1286	56	18	1585	328
Alleppey	15101	6506	7213	2278	1897	9	..	552	685
Kottayam	7255	880	3506	1116	301	32	..	401	331
Idukki	6114	862	2041	824	150	20	..	190	60
Ernakulam	45357	6701	9701	10641	3992	30	1	632	385
Trichur	27777	3968	9069	10768	3635	94	1	1825	497
Palghat	71888	16711	5221	31293	19124	112	62	7664	1562
Malappuram	48514	1051	6598	23368	2204	16	22	321	155
Calicut	18995	3291	3928	4230	2174	127	8	313	318
Cannanore	47652	2914	6464	7243	3495	341	62	305	35

## 9-13-8 (Contd.)

State/District	Sugarcane Crushers				Plant protection equipments and Dusters		
	Total carts	Worked by power	Worked by bullocks	Hand operated	Engine operated	Tractor operated	Total
(1)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Kerala	20525	459	863	28582	1285	783	30650
Trivandrum	2371	6	96	1121	47	48	1216
Quilon	1913	17	36	1091	20	8	1119
Alleppey	1237	53	107	4816	109	11	4936
Kottayam	732	20	139	4757	76	58	4891
Idukki	250	39	111	3307	160	181	3648
Ernakulam	1017	55	115	2809	104	46	2959
Trichur	2322	29	56	3226	136	72	3434
Palghat	9236	95	44	1944	214	66	2244
Malappuram	476	101	31	1002	59	37	1098
Calicut	631	2	45	1482	263	186	1931
Cannanore	340	42	83	3027	97	70	3194

## 9-13-8 (Contd.)

State/District	Oil Engine with pumpset					Electric pump set used for irrigation purposes	Persian wheels/ rahats	Crawler Tractor			
	Used for Irrigation			Used for other agri-cultural purposes	Total			Government		Private	
	Up to 5 H.P.	6 to 10 H.P.	Above 10 H.P.					Up to 75 H.P.	Above 75 H.P.	Up to 75 H.P.	Above 75 H.P.
	(18)	(19)	(20)	(21)	(22)			(23)	(24)	(25)	(26)
Kerala	23722	2043	873	2121	28759	25973	6114	231	61	224	65
Trivandrum	92	47	36	58	233	150	132	..	1	..	1
Quilon	155	49	11	72	287	289	93	17	1	16	5
Alleppey	1412	180	140	302	2034	1205	3397	65	14	57	12
Kottayam	514	82	48	124	768	409	854	40	8	45	12
Idukki	74	39	20	109	242	172	102	9	6	6	5
Ernakulam	3432	186	56	302	3976	10882	402	3	..	3	1
Trichur	3254	160	41	280	3735	6971	658	46	7	33	6
Palghat	2934	369	123	413	3839	3516	22	24	8	39	7
Malappuram	3450	206	19	95	3770	920	48	4	1	4	4
Calicut	458	250	84	174	966	431	281	10	7	8	4
Cannanore	7947	475	295	192	8909	1028	75	13	8	13	8

9-13-8 (Contd.)

State/District	Hand Tractor or Power tiller		Four wheeled Tractors							
	Government	Private	Government				Private			
			Up to 35 H.P.	36 to 50 H.P.	Above 50 H.P.	Total	Upto 35 H.P.	36 to 50 H.P.	Above 50 H.P.	Total
(1)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
Kerala	160	1051	323	102	42	467	945	291	96	1332
Trivandrum	13	45	12	6	1	19	15	11	6	32
Quilon	13	32	22	8	2	32	25	4	3	32
Alleppey	31	75	48	17	7	72	109	43	6	158
Kottayam	12	62	30	12	5	47	32	22	10	64
Idukki	7	102	14	6	1	21	18	8	2	28
Ernakulam	8	352	26	8	7	41	119	31	7	157
Trichur	19	131	39	8	7	54	86	10	5	101
Palghat	13	109	65	15	5	85	445	126	48	619
Malappuram	4	14	13	1	2	16	12	3	1	16
Calicut	26	61	35	12	3	50	55	20	5	80
Cannanore	14	68	19	9	2	30	29	13	3	45

9-13-8 (Contd.)

State/District	Tractor operated implements								
	Mould Board and disc ploughs	Disc Harrows	Cultivators or tillers	Levellers/ Scrapers	Seed cum fertilizer drills	Seed Planter	Rotavator	Trailer	Other tractor operated implements
(1)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)
Kerala	962	458	675	558	53	122	192	485	144
Trivandrum	10	9	9	14	11	4	12	96	1
Quilon	1	1	3	..	..	..	4	1	..
Alleppey	46	27	21	66	..	1	27	25	4
Kottayam	42	21	30	44	16	12	4	11	2
Idukki	16	6	15	10	6	8	2	15	28
Ernakulam	114	76	81	32	1	2	37	46	4
Trichur	125	72	28	27	2	20	42	41	36
Palghat	496	199	358	279	9	38	11	178	50
Malappuram	21	8	9	15	..	2	12	6	..
Calicut	62	15	49	54	7	31	19	38	15
Cannanore	29	24	72	17	1	4	22	28	4

9-13-8 (Contd.)

State/District	Power Driver Machines and Miscellaneous equipments								Ghanies
	Paddy Threshers	Thresher for other crops	Maize shellers	Harvester combines	Power choff cutters	Other power operated equipments	5 Seers (4.5Kg.) and above	Less than 5 seers (4.54 kg.)	
(1)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	
Kerala	812	156	67	71	100	706	585	400	
Trivandrum	37	45	4	10	13	31	50	23	
Quilon	2	..	5	..	..	11	15	14	
Alleppey	189	9	..	3	8	95	163	132	
Kottayam	72	25	..	7	11	24	39	48	
Idukki	47	3	..	..	1	2	13	20	
Ernakulam	31	14	19	3	3	166	27	12	
Trichur	66	4	13	5	..	240	31	19	
Palghat	168	23	8	18	18	59	30	9	
Malappuram	..	..	3	..	4	7	27	2	
Calicut	20	6	6	5	21	28	103	72	
Cannanore	180	27	9	20	21	43	87	49	

**9.13.9-Sowing, Harvesting and Peak Marketing seasons of principal crops in Kerala**

Crops	Sowing		Harvesting	Peak marketing
	(1)	(2)	(3)	(4)
1. Rice	Autumn Winter Summer	April - July July - October October - December	July - October November - February March - April	September - October December - February March - April
2. Ragi	1st crop 2nd crop	April - July September - October	August - November December - January	September - November December - January
3. Redgram	1st crop 2nd crop	May - June August - November	August - October November - January	September - October December - January
4. Horsegram	1st crop 2nd crop	February August - October	April November - January	April December - February
5. Green gram		February - March May - June	April - May August - September	May - June September - October
6. Black gram	1st crop	May - June October - November	August - September January - February	October February
7. Other pulses		May - June August - September	August - September February - March	August - September February - March
8. Cotton		September - November	November - January	January
9. Sugar Cane	1st crop 2nd crop	November - January January - April	October - November December - April	November - December January - April
10. Sesamum	1st crop 2nd crop 3rd crop	July - October December - February January - March	September - February March - May May - July	October - February April - June June - August
11. Turmeric		April - June	December - February	January - February
12. Lemongrass			June - September	September
13. Tapioca	1st crop	August - November	June - September December - January	July - September December - January
	2nd crop	March - July	May - July	June - July
	3rd crop	November - December July - September	October - December May - July	November - December June - July
14. Sweet potatoes	1st crop 2nd crop 3rd crop	June - July September - October November - December	September - October December - January February - March	September - October December - January February - March
15. Small Millets (Samai)	Kharif Rabi	May September	August December	August December
16. Ginger		April - May	November - January	December - January
17. Pepper			November - January	December - January

Source: Bureau of Economics and Statistics

**9.14.1-Public distribution system of essential commodities in Kerala**

	Unit	1977	1978	1979	1980	1981	1982*
1. Number of ration cards and permits							
(a) Ration card for families	No.	4030000	4126761	4016613	4006699	4109443	4109153
(b) Ration permits for Institutions	No.	5720	4456	3091	5527	6143	6567
2. No. of FCI sub Depots	"	22	22	22	22	22	22
3. No. of wholesale shops	"	..	..	..	..	..	..
(a) Co-operatives	No.	50	50	40	43	45	45
(b) Others	No.	212	221	222	217	227	214
4. No. of retail shops							
(a) Co-operatives	No.	2902	2510	2012	1769	1641	1593
(b) Others	No.	8877	9265	9522	9735	9994	9867
5. Quantity of coarse cloths allotted	Std. Bale	8996	9285.5	10433.83	14240.75	7108.25	4837
6. Sugar	M.T.	90747*	*82548	3869	125965.4	1259532	131180
7. Kerosene	"	115562	129164	132410	129721	138440	139626

\*Provisional

\*\*Sugar trade was discontinued from 16-8-1978 to 17-12-1979.

Source: Civil supplies

## 9.14.2-Distribution of rice and wheat through the public distribution system in Kerala

Month	Rice distributed (tonnes)					Wheat distributed (tonnes)				
	1978	1979	1980	1981	1982	1978	1979	1980	1981	1982
January	78431	44990	55655	69652	92415	3271	2619	3426	3086	3893
February	67142	35586	50857	74120	82304	2606	2081	3009	3390	3447
March	83653	34344	49121	87936	96934	2832	2117	2892	3809	3494
April	82178	40864	53594	88703	91877	2426	1732	2604	2859	3546
May	81324	41770	55909	89854	100542	2515	1927	3015	4111	4032
June	85910	38541	59610	86383	102662	2898	2143	4060	4299	4321
July	84303	47887	70131	92423	108364	3556	3373	6332	4049	4408
August	87685	51950	88228	90797	116940	3906	3427	5496	3666	3627
September	77419	46179	72866	98039	90420	2988	2814	4713	2980	3192
October	56489	50938	68256	91396	83826	3020	3281	4566	3869	3914
November	61974	56594	71918	94323	90688	2996	3277	3476	3858	7924
December	49214	58460	73365	99661	102553	2777	3839	4090	3886	13163
Total	895727	548503	769510	1063287	1159525	35791	32630	47679	43862	58961

Source: Civil supplies.

## 9.14.3-Import of food grains on state Account\*

Month	Rice (Tonnes)				Wheat (excluding qty. issued to flour mills)(tonnes)			
	1978	1979	1980	1981**	1978	1979	1980	1981**
January	74138	43532	56019	77114	2720	2721	3388	3513
February	61476	29229	54741	74396	2512	1932	3403	3699
March	83976	30126	45273	81647	3636	2251	2767	3594
April	75345	39986	55692	97238	1969	1699	2271	3466
May	81630	42313	59110	80636	2567	1706	3520	3767
June	83377	35034	54582	84004	3114	2212	4105	3946
July	77792	48819	71188	102806	3783	3726	6594	4062
August	87578	56474	97027	84984	4316	3633	5285	3566
September	77983	41190	70805	106860	2930	2692	4876	3898
October	47973	50719	69248	93451	3343	3454	3913	3920
November	62267	60243	65848	91932	2818	3209	3152	3996
December	43602	54230	72421	102687	2718	3953	3736	4075
Total	857137	531895	771954	1077755	36426	33188	47010	45502

\*Quantity issued from the FCI depots to P.ds.

\*\* Provisional

## 9.14.4-Procurement of paddy in Kerala

(Quantity in tonnes)

Month	1977-78	1978-79	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)
July	126	1255	19	51	..
August	89	108	36	73	..
September	Nil	25	4	21	..
October	3671	12	30	Nil	10
November	4082	149	72	21	13
December	2756	223	69	20	4
January	615	173	60	Nil	20
February	950	204	27	Nil	11
March	4699	119	102	Nil	1
April	2575	24	181	Nil	22
May	271	126	54	Nil	170
June	1139	90	64	306	56
Total	20978	2508	718	492	307

Source: Civil supplies

## 9.15.1-Netarea irrigated by sources

(Area in '1000 hect.)

Source/year	1976-77	1977-78	1978-79	1979-80	1980-81
(1)	(2)	(3)	(4)	(5)	(6)
1. Government canals	92.13	95.78	97.83	101.20	99.40
2. Private canals	0.76	4.86	5.33	5.95	5.30
3. Tank and wells (Government)	9.94	8.06	6.55	6.47	5.05
4. Tank and wells (Private)	41.42	46.54	51.09	50.52	50.92
5. Lift and minor Irrigation	46.50	41.90	39.36	37.38	33.70
6. Other sources	30.31	31.04	29.36	29.68	43.60
7. Total	221.06	228.18	229.52	230.73	237.97
8. Percentage of net area irrigated to net area sown	10.05	10.87	10.41	10.51	10.92
9. Area irrigated more than once	151.78	125.82	157.48	167.25	143.03
10. Total area irrigated (Gross)	372.84	354.00	387.00	398.00	381.00
11. Percentage of total irrigated area to total cropped area	12.68	12.10	13.41	13.95	13.21

Source: D. E. S. (T. R. S. estimates)

## 9.15.2-Area irrigated in Kerala (crop wise) from 1976-77 to 1980-81

(in '000 hecets)

Sl. No.	Name of crop	1976-77	1977-78	1978-79	1979-80	1980-81
1	Paddy	321	255	272	287	277
2	Vegetables	5	5	5	4	4
3	Tubers	1	1	1	1	1
4	Coconut	23	54	64	69	60
5	Areca nut	7	17	19	12	15
6	Clove, Nutmeg and Cinamon	1	1	1	1	1
7	Other condiments and spices	1	..	1	..	1
8	Banana	2	4	7	6	5
9	Betel leaves	1	1	1	1	1
10	Sugarcane	..	..	..	..	..
11	Others	11	16	16	17	15
	Total	373	354	387	398	381

Source: D.E.S. (T.R.S. estimates)

## 9.15.3-Source-wise irrigated area 1977-78

(Area in hectares)

District	Govt. Canal	Private Canal	Govt. tanks and wells	Private tanks and wells	Minor and lift irrigation (Govt. scheme)	Other sources	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Trivandrum	6544	23	1425	744	945	382	10063
Quilon	..	250	1335	1151	1809	3390	7935
Alleppey	2667	..	423	15311	2727	3612	24740
Kottayam	..	162	681	835	2598	2445	6721
Idukki	..	76	232	49	218	2120	2695
Ernakulam	18619	137	1725	6394	11867	2792	41534
Trichur	18628	59	1498	6113	6824	4657	37779
Palghat	44925	325	70	4516	2399	2384	54619
Malappuram	..	361	219	6050	5928	4573	17131
Kozhikode	4392	151	82	784	607	430	6446
Cannanore	..	3322	367	4595	5984	4253	18521
State	95775	4866	8057	46542	41906	31038	228184

## 9.15.4—Area under irrigation Crop-wise, 1977-78

(Area in hectares)

District	Paddy	Vegetables	Tubers	Coconut	Areca nut	Cloves, Nutmeg & Cinna- mon	Other condi- ments & spices	Banana	Betel leaves	Sugarcane	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	6183	221	34	1903	8	16	13	131	105	2	1729	10345
Quilon	2772	197	115	1578	4	56	6	55	114	170	2915	7982
Alleppey	13588	284	98	12541	147	..	1	47	83	..	1525	28314
Kottayam	4886	385	19	423	11	401	3	59	57	2	510	6756
Idukki	2859	..	..	45	..	61	..	2	..	..	18	2985
Ernakulam	65319	571	229	7244	1091	3	18	423	108	..	2844	77850
Trichur	46388	584	118	20808	5298	2	12	438	53	..	1609	75310
Palghat	71681	484	27	2357	1472	..	4	187	13	..	1301	77526
Malappuram	23528	674	161	170	2220	..	9	1410	450	..	1356	31508
Kozhikode	4192	447	46	287	5	..	2	372	47	..	1089	6487
Cannanore	13870	1161	41	5081	6466	..	4	1017	8	..	1195	28843
State	255266	5008	888	53967	16722	539	72	4141	1038	174	16091	353906

## 9.15.5—Source-wise Irrigation (Hectares) 1978-79

District	Govt. Canal	Private Canal	Govt. tanks and wells	Private tanks and wells	Minor and lift irrigation	Other sources	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Trivandrum	6544	16	969	620	2122	1105	11376
Quilon	251	250	1506	1100	1768	2590	7465
Alleppey	2667	..	423	13959	6940	4574	28563
Kottayam	181	162	553	1202	795	431	3324
Idukki	63	84	206	128	108	498	1087
Ernakulam	18619	137	1240	8061	14292	4095	46444
Trichur	19316	401	989	7650	4822	1479	34657
Palghat	45262	315	104	6378	1667	413	54139
Malappuram	522	881	167	6891	4477	5859	18597
Kozhikode	4392	151	137	709	1733	927	8049
Cannanore	10	2938	252	4595	634	7393	15822
State	97827	5335	6546	51093	39358	29364	229523

## 9.15.6—Area under irrigation—crop-wise (1978-79)

(Area in hectares)

District	Paddy	Vegetables	Tubers	Coconut	Areca nut	Cloves + Nutmeg + Cinamon	Other condiments & spices	Banana	Betel leaves	Sugar cane	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	8825	221	17	1438	7	16	..	325	..	..	1438	12287
Quilon	5219	85	58	820	3	24	..	34	31	82	1444	7800
Alleppey	11607	284	270	15745	150	81	136	135	64	95	1959	30526
Kottayam	1319	400	4	255	2	656	..	186	22	..	572	3416
Idukki	1316	..	..	30	1	48	17	3	..	..	17	1432
Ernakulam	65501	..	226	9571	1042	..	222	1206	108	2	3239	81117
Trichur	53264	374	76	24844	6121	255	195	1418	26	1	1786	88360
Palghat	81262	484	14	2264	1805	1	..	432	..	..	1432	87694
Malappuram	20671	843	164	1580	2417	..	70	1714	362	..	1464	29285
Kozhikode	7631	286	115	526	29	1	5	530	24	..	1229	10376
Cannanore	15481	1503	40	6883	7625	..	726	1445	35	2	1390	35130
State	272096	4480	984	63956	19202	1082	1371	7428	672	182	15970	387423

## 9-15-7-Area under Irrigation—Source-wise (1979-80)

District	Govt. Canal	Private Canal	Govt. tanks and wells	Private tanks and wells	Minor and lift irrigation	Other sources	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Trivandrum	6544	27	387	620	2122	1105	11305
Quilon	85	250	1506	562	664	1753	4825
Alleppey	2667	4	335	13952	6940	4574	28472
Kottayam	113	162	553	995	793	1157	3775
Idukki	63	84	206	128	108	473	1062
Ernakulam	18619	137	1240	8061	14292	4540	46889
Trichur	19316	401	989	7650	4822	1479	34657
Palghat	48672	315	196	6378	1407	413	57351
Malappuram	592	881	167	6891	4012	5859	18402
Kozhikode	4392	151	137	689	1733	927	8029
Cannanore	144	2938	252	4595	634	7393	15956
State	101207	5350	6468	50521	37529	29678	230753

## 9-15-8-Area under Irrigation—Crop-wise, 1979-80

District	Paddy	Vegetables	Tubers	Coconut	Arecanut	Cloves + Nutmeg + Cinnamon	Other condiments & spices	Banana	Betel leaves	Sugarcane	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	9628	226	28	1984	6	7	33	322	130	..	1254	13618
Quilon	2727	78	13	960	2	10	..	108	61	..	1621	5580
Alleppey	10932	202	145	19717	61	55	2	97	33	8	1830	33082
Kottayam	1295	76	..	307	2	463	2	100	3	..	1623	3876
Idukki	1332	1	..	141	3	10	..	4	..	..	18	1509
Ernakulam	62041	25	3	7607	608	564	78	660	104	..	4064	75754
Trichur	55655	105	6	25295	3766	173	60	690	31	..	11183	87264
Palghat	104110	1	..	2073	1014	..	36	466	2	..	1928	109832
Malappuram	15056	1067	78	2751	1947	..	..	1390	402	202	1352	24043
Kozhikode	7401	168	53	214	47	2	7	854	..	..	1335	10081
Cannanore	16622	1557	31	7974	4435	..	174	1482	2	2	1202	33541
State	286799	3506	357	69023	11891	1289	392	6173	768	212	17770	398180

## 9-15-9-Area under Irrigation—Source-wise, 1980-81

District	Government Canal	Private Canal	Government Tanks and wells	Private Tanks and wells	Minor and lift irrigation	Other sources	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Trivandrum	6544	15	804	586	2122	1294	11365
Quilon	176	250	134	562	497	758	2377
Alleppey	2667	4	213	13825	3890	4493	25092
Kottayam	113	20	553	995	387	1157	3225
Idukki	63	84	206	114	108	1102	1677
Ernakulam	18039	137	1240	8080	14292	5747	47535
Trichur	20752	504	989	5960	4620	5883	38713
Palghat	45672	315	353	7925	1407	3290	58962
Malappuram	835	881	167	7498	4012	7937	21330
Kozhikode	4392	151	137	732	1733	1419	8614
Cannanore	144	2938	252	4595	634	10521	19084
State	99397	5299	5048	50922	33702	43606	237974



## 9.15.10-Area under Irrigation -Crop-wise 1980-81

District	Paddy	Vegetables	Tubers	Coconut	Areca nut	Cloves, Nutmeg & Cardamom	Other condi- ments & spices	Banana	Betel leaves	Sugarcane	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	9290	405	43	982	3	18	1	180	136	3	1222	12283
Quilon	871	191	6	62	3	11	..	28	78	..	1470	2720
Alleppey	11935	127	200	13159	53	90	94	289	..	169	1605	27721
Kottayam	1328	258	..	14	..	234	..	103	24	..	1654	3615
Idukki	2472	..	..	52	3	29	1	5	..	..	18	2580
Ernakulam	70100	6	..	7046	696	437	32	664	11	1	2780	81773
Trichur	43409	336	77	29717	6243	106	609	660	45	5	1374	87575
Palghat	91461	273	..	1972	774	5	166	582	4	659	1540	97436
Malappuram	16809	955	921	1203	1821	..	..	813	380	..	1240	24142
Kozhikode	7219	157	35	45	58	3	1	753	23	..	1040	9334
Cannanore	16969	1177	15	5829	5209	..	93	900	..	17	1538	31747
State	276863	3879	1297	60081	14863	933	997	4977	701	854	15481	380926

## 9.16-Category-wise Area under irrigation 1977-78 to 1980-81

(in hectares)

Category	1977-78		1978-79		1979-80		1980-81	
	Net	Gross	Net	Gross	Net	Gross	Net	Gross
Major	102403	207363	108002	219538	110005	224635	114616	231630
Medium	19410	37728	19410	37728	20911	39246	20911	39246
Minor	90550	109212	94721	114275	101647	122173	105639	126842
Total	212363	354303	222133	371541	232563	386054	241166	397718

Source: Chief Engineer, Irrigation.

## 9.17.1-Area of Reserved Forests and Reserved lands in Kerala

(Area in Sq. kms.)

Sl. No.	Name of Division	1977-78			1978-79			1979-80			1980-81		
		Reser- ved forests	Reser- ved lands	Total	Reser- ved forests	Reser- ved lands	Total	Reser- ved forests	Reser- ved lands	Total	Reser- ved forests	Reser- ved lands	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Trivandrum	564.9	5.8	570.7	564.8	5.8	570.6	564.8	5.8	570.6	564.8	5.8	570.6
2	Thennala	567.6	..	567.6	567.6	..	567.6	567.6	..	567.6	567.6	..	567.6
3	Punalur	280.1	..	280.1	280.1	..	280.1	280.1	..	280.1	280.1	..	280.1
4	Koondi	329.4	11.0	340.4	320.6	11.0	331.6	320.6	11.0	331.6	320.6	11.0	331.6
5	Ranni	1050.3	7.2	1057.5	1050.2	7.2	1057.4	1050.2	7.2	1057.4	1050.2	7.2	1057.4
6	Kottayam	724.4	5.3*	729.7	724.4	5.3*	729.7	724.4	5.3*	729.7	724.4	5.3	729.7
7	Malayattur	680.5	..	680.5	680.5	..	680.5	680.5	..	680.5	680.5	..	680.5
8	Munnar	849.3	47.3*	896.6	849.3	47.3*	896.6	849.3	47.3*	896.6	849.3	47.3	896.6
9	Chalakyady	855.9	..	855.9	855.9	..	855.9	855.9	..	855.9	855.9	..	855.9
10	Trichur	522.6	..	522.6	522.6	..	522.6	522.6	..	522.6	522.6	..	522.6
11	Thekkady	777.0	..	777.0	777.0	..	777.0	777.0	..	777.0	777.0	..	777.0
12	Neemara	484.1	..	484.1	484.1	..	484.1	484.1	..	484.1	484.1	..	484.1
13	Nilambur	324.7	..	324.7	324.7	..	324.7	324.7	..	324.7	324.7	..	324.7
14	Palghat	373.2	..	373.2	373.2	..	373.2	373.2	..	373.2	373.2	..	373.2
15	Kozhikode	334.5	86.1	420.6	334.5	86.1	420.6	334.5	86.1	420.6	334.5	86.1	420.6
16	Wynad	442.8	15.1	457.9	442.8	15.1	457.9	442.8	15.1	457.9	442.8	15.1	457.9
17	Kozhikode (Special division)	0.1	3.6	3.7	0.1	3.6	3.7	0.1	3.6	3.7	0.1	3.6	3.7
	Total	9161.4	181.4	9342.8	9152.4	181.4	9333.8	9152.4	181.4	9333.8	9152.4	181.4	9333.8

Source: Forest Department.

\* Excluding fodder and fodder reserves.

## 9-17-2-Out-turn of major forest produce

Sl. No.	Name of Division	Year	Timber round logs (cum.)	Timber in round poles (Nos.)	Sawn and squared quantity (cum.)	Fuel wood quantity (tonnes)	Charcoal (bags)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Trivandrum	1977-78	25033.7	..	3.6	..	..
		1978-79	15101.3	3413	..	7142.2	5000.0
		1979-80	21412.7	2033	..	2185.0	..
		1980-81	19995.3	..	..	7426.0	..
2	Thenmala	1977-78	36896.7	48456	0.3	2845.3	..
		1978-79	32293.2	300865	..	14612.1	..
		1979-80	55610.6	100562	..	20496.3	607780.0
		1980-81	35154.9	84036	..	11441.0	..
3	Punalur	1977-78	42266.4	19460	10.8	381.7	..
		1978-79	36948.8	4964	..	19711.1	..
		1979-80	52795.8	18930	..	30184.8	342000.0
		1980-81	45362.1	14481	..	12879.5	103300.0
4	Ranni	1977-78	34394.9	11607	1.1	..	..
		1978-79	24801.1	3760	7.5	2425.0	..
		1979-80	54522.7	11801	..	5320.5	262500.0
		1980-81	66758.3	16850	..	1050.0	437500.0
5	Konni	1977-78	37283.0	32754	..	23962.0	..
		1978-79	32612.0	116809	2.0	19713.0	..
		1979-80	33911.0	48235	..	16314.0	..
		1980-81	26573.7	55201	1.2	24865.8	..
6	Kottayam	1977-78	9158.9	..	..	532.5	..
		1978-79	6287.9	139980	..	199.7	..
		1979-80	2724.5	29791	..	1269.8	..
		1980-81	11161.7	..	4.2	4681.5	..
7	Malayattur	1977-78	16431.6	69715	..	1469.5	..
		1978-79	13147.9	140025	..	13146.0	..
		1979-80	10409.1	63525	..	4106.0	..
		1980-81	16906.0	73778	..	11134.3	..
8	Chalakydy	1977-78	37493.5	176442	..	12132.2	..
		1978-79	42680.8	155887	2.2	12787.0	..
		1979-80	15351.9	231006	..	10070.0	..
		1980-81	25371.3	166940	..	382.8	..
9	Trichur	1977-78	35254.3	101905	..	12842.0	..
		1978-79	36315.3	65937	..	48917.3	..
		1979-80	9021.1	11840	..	1876.0	..
		1980-81	1987.2	48218	..	452.8	325.0
10	Nemmara	1977-78	3644.3	3528	..	884.0	2300.0
		1978-79	5857.1	7309	..	646.0	..
		1979-80	7995.8	40968	..	1161.9	..
		1980-81	9419.6	6188	..	11906.8	75.0
11	Palghat	1977-78	15242.5	24802	3.8	16425.0	..
		1978-79	7965.2	16869	..	3207.0	..
		1979-80	4985.4	21068	..	6033.3	..
		1980-81	5128.2	16549	..	6155.5	..
12	Nilambur	1977-78	33266.2	328263	..	25548.4	..
		1978-79	26961.3	39032	22196.9	11511.0	..
		1979-80	41534.1	138499	..	10788.3	..
		1980-81	19321.4	258759	..	12009.8	..
13	Kallarvalley (Achan Kovil)	1977-78	..	29630	..	..	..
		1978-79	..	25430	..	..	..
		1979-80	26835.6	7869	14.3	10120.00	..
		1980-81	22989.9	36666	..	20279.0	..
14	Punalur (Sugarcane Special division)	1977-78	..	..	..	..	..
		1978-79	..	..	..	..	..
		1979-80	..	..	..	..	..
		1980-81	..	..	..	..	..

9-17-2 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
15	Munnar	1977-78	32973.3	..	..	6874.0	..
		1978-79	9980.3	..	301.9	2664.0	64858.0
		1979-80	73.2	..	..	..	..
		1980-81	226.0	195	..	401.8	..
16	Kottayam (Hydal Division)	1977-78	24802.4	740	..	9537.0	..
		1978-79	16349.1	..	..	11404.5	63745.0
		1979-80	6022.5	..	..	3011.5	50000.0
		1980-81	..	..	..	..	..
17	Kozhikode	1977-78	35104.0	23753	..	48193.0	..
		1978-79	46222.9	77300	385.0	37953.0	..
		1979-80	24650.4	105213	..	5841.0	..
		1980-81	37233.1	115387	..	28294.9	..
18	Wynad	1977-78	33697.4	81855	..	7757.5	..
		1978-79	61139.5	108476	..	53605.6	..
		1979-80	48787.9	87992	..	6656.1	..
		1980-81	138278.8	126401	..	59539.8	..
19	Teak Plantation (Parambikulam)	1977-78	..	71046	..	..	..
		1978-79	1.7	89795	..	..	..
		1979-80	94.4	133135	..	430.5	..
		1980-81	39.5	113775	..	545.0	..
20	I.P. Division, Perumbavoor	1977-78	..	..	..	..	..
		1978-79	..	..	..	..	..
		1979-80	..	..	..	..	..
		1980-81	..	..	..	..	..
21	D.P. Division, Kalady	1977-78	12850.0	..	..	14250.0	..
		1978-79	6974.6	..	..	..	..
		1979-80	6790.8	46566	..	6530.9	..
		1980-81	4.8	..	..	218.0	..
22	I.P. Division, Vazhachal	1977-78	1218.3	13031	..	14478.0	..
		1978-79	946.7	21904	..	8270.7	..
		1979-80	..	..	..	11873.5	..
		1980-81	11458.2	31004	..	11873.9	..
23	I.P. Division, Perumuzhi	1977-78	..	..	..	..	..
		1978-79	..	..	..	..	..
		1979-80	..	..	..	..	..
		1980-81	..	..	..	..	..
24	Grassland Afforestation division, Pumba	1977-78	..	..	..	3885.7	..
		1978-79	..	..	..	1138.7	..
		1979-80	817.6	..	..	..	..
		1980-81	16029.3	..	..	..	..
25	Special Division, Palghat	1977-78	210.4	2300	1.2	581.8	13.0
		1978-79	1478.4	235	1.5	7547.8	36.0
		1979-80	1242.7	245	0.1	4970.0	425.0
		1980-81	1388.6	222	..	3928.8	..
26	Special Division, Tellicherry	1977-78	4992.3	2700	..	1122.5	30.0
		1978-79	96.9	..	..	96.5	200.0
		1979-80	56.4	..	..	22.0	..
		1980-81	144.7	190	4.7	62.5	5375.0
27	Special Division, Kozhikode	1977-78	29003.7	3540	3.0	22979.5	5006.0
		1978-79	1723.8	52	..	385.0	..
		1979-80	6333.4	323	..	1159.0	1150.0
		1980-81	3339.3	21	..	5340.3	..
28	Rubber Plantation Division, Punalur	1977-78	..	..	..	..	..
		1978-79	..	..	..	..	..
		1979-80	..	..	..	..	..
		1980-81	..	..	..	..	..

## 9-17-2 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
29	I. P. Circle, Kothamangalam	1977-78 1978-79 1979-80 1980-81	... 2870.3 2248.1 11059.8	... 69357 13 ..	.. .. .. ..	.. 5403.2 2975.5 9888.2	... .. 2300.0 7900.0
30	Special Division, Nilambur	1977-78 1978-79 1979-80 1980-81	21046.0 .. 603.4 4426.1	5098 .. 244762 124899	.. .. .. ..	15204.0 .. 2032.0 4270.3	.. .. .. ..

1980-81 Figures are provisional.

Source: Forest Department.

## 9-17.3—Forest Plantations of important species

(Area in '000 hectares)

Species	1977-78	1978-79	1979-80	1980-81	1981-82*
Total	131.690	136.200	140.978	143.850	147.665
Teak	68.190	70.075	73.513	75.038	76.653
Eucalyptus	31.725	31.792	32.757	33.182	34.289
Soft wood	21.656	22.362	22.938	22.897	23.567
Cashew	3.581	3.863	4.022	4.955	5.085
Mixed plantations	1.280	1.364	1.643	1.169	1.169
Bamboo	1.002	0.965	0.965	0.977	0.984
Wattle	0.651	0.702	0.802	1.001	1.056
Tropical pine	0.429	0.429	0.429	0.429	0.429
Fuel wood	1.291	..	..	..	..
Mahogany	0.142	0.202	0.202	0.247	0.247
Balsa	0.093	0.113	0.118	0.120	0.120
Rosewood	0.079	0.093	0.118	0.145	0.156
Other hard wood spp	1.571	3.240	3.270	3.060	3.148
Pepper, cocoa, medicinal plants, etc. (under Vana- lakshmy scheme)	..	..	..	0.630	0.762

Source: Forest of Kerala—Facts and figures.

\*Provisional.

## 9-17-4—Forest produces in Kerala

Produces	Unit	1976-77	1977-78	1978-79	1979-80	1980-81
<i>Major</i>						
Timber round logs in '000	M	540.643	528.944	447.090	434.831	521.757
Fuel wood in '000	MT	264.576	250.837	304.683	165.528	249.028
Poles teak in '000	Nos.	1417.501	1258.052	1387.450	1344.376	1289.790
Bamboo	Nos.	3933919	1345865	2230878	1720335	1480492
Cane	Nos.	436000	4455300	Nil	Nil	45525
Ivory	Kg.	549	123	90	333	144
Reeds in '000	MT	59.820	11.168	26.361	37.119	25.888
<i>Minor</i>						
Sandal wood	"	..	3.683	3.750	11.596	..
Honey	"	35.804	27.241	2.860	15.434	16.571
Dammer	"	80.948	222.760	63.002	6.140	54.884
Wax	"	1.685	5.735	0.127	0.126	6.472

Source: Forests of Kerala—Facts and figures.

## 9-17-5-Wild life sanctuaries of Kerala

Name	Area in sq. km.
1. Neyyar	128
2. Periyar*	777
3. Idukki	70
4. Eravikulam**	97
5. Pechchi vazhani	125
6. Parambikulam	285
7. Wynad	344

\*Project tiger - tenth Tiger Reserve from 1978.

\*\*National park - Nilgiri tahr (vara-yadu or ibex).

Source: Forests of Kerala - Facts and Figures.

## 9-17-6-Sale proceeds of Timber and Forest produce

(Rs. '000)

Item	1978-79	1979-80	1980-81
A. Forests			
1. Timber	282206	349015	361741
2. Firewood and charcoal	18185	13371	20449
3. Livestock	57	63	32
4. Other items	20899	42314	46715
Total A	318347	404763	428937
B. Other receipts including interest on forest revenues	33487	35750	29067
G.T.	351834	440513	458004
Deduct refunds	1215	615	717
Net total	350619	439898	457287

Source: Chief Conservator of Forests.

## 9-18-1-Growth of livestock population in Kerala

Category	1966	1972	1977
<i>Livestock</i>			
Cattle	2856727	2856320	3006059
Buffaloes	471747	471747	454400
Sheep	11519	10321	2546
Goats	1189218	1467657	1683297
Horse and ponies	426	457	90
Mules	8	14	..
Donkeys	310	361	266
Camels	4	11	..
Pigs	111928	129087	172375
Total livestock	4641375	4936469	5319033
<i>Poultry</i>			
Fowls	9587286	1183598	13056186
Ducks	318751	361941	429569
Others	2950	965	3095
Total poultry	9908987	12207454	13488850

Source: Livestock Census Reports.

## 9-18-2-Livestock population District-wise 1977 census

District	Cattle	Buffaloes	Sheep	Goats	Horse and Ponies	Mules and Donkeys
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	177098	39473	..	156493	23	..
Quilon	421501	29680	91	208150	..	..
Alleppey	357867	11148	..	116355	1	1
Kottayam	293537	9819	23	162760	9	11
Idukki	168162	16113	138	89093	..	36
Ernakulam	297443	28690	..	156280	..	..
Trichur	220065	57714	..	162763	3	..
Palghat	258924	127049	2237	138672	45	200
Malappuram	184970	63991	4	169658	9	..
Kozhikode	255775	24878	39	151760	..	17
Cannanore	370717	45845	14	171313	..	1
Kerala	3006059	454400	2546	1683297	90	266

## 9-18-2 (Contd.)

District	Pigs	Camels	Total live-stock	Total Poultry
(1)	(8)	(9)	(10)	(11)
Trivandrum	11644	..	384731	112405
Quilon	2523	..	661945	1399309
Alleppey	509	..	485881	1705771
Kottayam	55727	..	521886	1184087
Idukki	39643	..	313185	623204
Ernakulam	22720	..	505133	1550939
Trichur	1985	..	442530	1278324
Palghat	1378	..	528505	1004392
Malappuram	77	..	418709	1362432
Kozhikode	9053	..	441522	1118150
Cannanore	27116	..	615006	1139837
State	172375	..	5319033	13488850

## 9-18-3—Veterinary hospitals and dispensaries in Kerala

District	No. of hospitals					No. of dispensaries				
	1976-77	1977-78	1978-79	1979-80	1980-81	1976-77	1977-78	1978-79	1979-80	1980-81
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Trivandrum	7	7	38	38	40	35	36	7	6	6
Quilon	11	11	45	45	46	41	42	18	17	17
Alleppey	7	7	35	34	37	33	34	13	13	11
Kottayam	5	5	25	26	27	24	25	6	5	5
Idukki	6	6	26	26	28	17	19	3	2	1
Ernakulam	9	9	38	38	39	31	32	11	10	9
Trichur	7	7	40	41	43	42	43	28	27	25
Palghat	9	9	34	34	36	24	25	21	20	19
Malappuram	3	3	25	25	28	26	27	19	19	16
Kozhikode	4	4	27	29	33	27	28	21	21	19
Cannanore	4	4	40	38	42	36	37	11	9	7
State	72	72	373	374	399	336	348	158	149	135

Source: Directorate of Animal Husbandry.

## 9-18-4—Average prices of certain live-stock products and cattle feed in Kerala

Item	Unit	1977	1978	1979	1980
Eggs (fowl's)	100 Nos.	37.10	39.90	44.75	43.77
Eggs (duck's)	"	48.30	52.10	55.64	56.54
Milk (cow's)	Litre	2.21	2.28	2.27	2.49
Milk (buffaloes)	"	2.77	2.81	2.88	3.00
Butter (cow's)	Kg.	22.00	22.54	23.39	28.00
Ghee (cow's)	"	27.00	26.72	30.12	33.66
Rice bran	"	0.39	0.40	0.45	0.52
Paddy straw	Mt.	405.00	403.00	484.66	576.28
Greengrass	"	152.00	192.9	209.64	212.19
Cattle meat	Kg.	4.00	5.17	6.04	7.22
Goat meat	"	11.00	11.44	15.02	18.10
Cattle hide	"	2.19	2.62	3.30	4.13
Goat skin	No.	15.77	16.00	27.72	31.78
Dung (wet/dry)	Mt.	62.29	61.73	..	..

Source: Directorate of Animal husbandry.

## 9.19—Inland Water Resources in Kerala

Type of Inland water	Area in Hects. (Provisional estimate)
(1)	(2)
1. Rivers	85000
2. Tanks and ponds	3300
3. Reservoirs	24137
4. Brackish water, lakes, backwater and estuaries	242600*
Total	355037

\*Out of this 121600 hect. are available for prawn culture.

Source: Facts and figures 1980—Fisheries

## 9.19.1—District-wise distribution of Coast line of Kerala

Name of marine district	Length of coastline	
	Length in Km.	Percentage to total
(1)	(2)	(3)
1. Trivandrum	78	13.2
2. Quilon	37	6.3
3. Alleppey	82	13.9
4. Ernakulam	46	7.8
5. Trichur	54	9.2
6. Malappuram	70	11.8
7. Kozhikode	71	12.0
8. Cannanore	152	25.8
State	590	100.00

## 9.19.2—Continental shelf area and estimated potential demersal fishery resources of Kerala

Division of continental shelf based on depth range	Area (Sq. Km.)	Estimated total demersal fishery resources based on ave. catch rates (in tonnes)	Estimated potential substantiable yield at 68% (in tonnes)
(1)	(2)	(3)	(4)
In shore area (0 - 10 fathems)	5057	37935	22761
Off shore area (10 - 40 fathems)	24442	90432	54259
Deep sea area (40 - 100 fathems)	10224	17040	10224
Total area (0 - 100 fathems)	39723	145407	87244

Source: Facts and figures 1980—Fisheries—Kerala.

## 9.19.3—Fish Landings in Kerala

Year	Marine fish landings		Inland fish landings	
	Quantity (MT)	Value (Rs. in lakhs)	Quantity (MT)	Value (Rs. in lakhs)
(1)	(2)	(3)	(4)	(5)
1960-61	399900	497.65	390	2.35
1970-71	379865	2835.68	12845	117.86
1975-76	407923	3369.99	23208	536.11
1978-79	367866	8161.88	24512	972.23
1979-80	320973	6528.17	25080	1008.85
1980-81*	268083	8221.68	25526	1092.91
1981-82*	305254	6234.99	26059	1301.60

\*Provisional

Source: Directorate of Fisheries.

## 9.19.4—Inland Fish Landings (Species-wise)

Name of species	1970-71	1975-76	1977-78	1978-79	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 Prawns	4117	4032	5106	5204	4652	4724	5796
2 Etroplus	1303	3031	2402	2638	2847	2906	2915
3 Murrels	874	2859	2810	2752	2883	2912	2899
4 Cat fish	1104	2165	2320	2385	2638	2685	2691
5 Mulletts	1603	1979	2020	2043	2196	2218	2223
6 Jew fish	..	..	1435	1272	1367	1520	1514
7 Tilapia	502	2691	3590	3720	4018	4172	4180
8 Lalbeo	26	235	15	45	12	3	23
9 Barbus	192	252	281	243	256	268	265
10 Mrigala	18	187	17	22	10	1	8
11 Crab	..	541	351	313	362	356	349
12 Catla	9	142	31	46	9	2	5
13 Carpio	36	109	13	58	24	8	63
14 Rohita	27	91	..	..	..	..	..
15 Gourami	43	71	221	257	8	8	..
16 Chanoes	33	59	100	139	162	174	177
17 Cirrhina	33	61	..	..	..	..	..
18 Scianidae	..	1354	..	..	..	..	..
19 Mirror carps	..	40	..	..	..	..	..
20 Macrones	..	125	..	..	..	..	..
21 Eels	..	..	10	35	46	37	41
22 Ophiociphalus	..	..	..	..	..	..	..
23 Marratus	..	..	..	..	..	..	..
24 Miscellaneous	..	2984	3407	3340	3590	3539	2910
Total	12845	23208	24129	24512	25080	25526	26059

\* Provisional

Source: Directorate of Fisheries.

## 9.19.5—Species-wise landing of marine fish in Kerala

(Quantity in M.T.)

Sl. No.	Name of fish	1977-78	1978-79	1979-80	1980-81*	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Elosmobranchs	6310	9616	7312	6124	5362
2	Eels	40	30	12	4	7
3	Catfishes	8367	8561	11654	13909	9206
4	Chirocentrus	3048	906	1436	720	1054
5	(a) Oil Sardine	111441	114390	112997	65669	172892
	(b) Other Sardine	14361	12308	17272	9932	7077
	(c) Hilsa Illsha	..	..	20	1	11
	(d) Other Hilsa	..	..	38	21	13
	(e) Anchoviella	13184	18781	6003	6305	4687
	(f) Thirssocles	2400	1576	1782	2143	683
	(g) Other Clupeids	490	859	764	558	948
6	(a) Harpodon Nehercus	..	..	..	..	..
	(b) Saurida and Saurus	5288	6000	5771	6834	5644
7	Hemirhamphus and Belone	293	314	292	282	671
8	Flying Fish	..	..	..	9	7
9	Perchis	12987	27565	19250	17987	9083
10	Red mullets	233	265	1	1	38
11	Polynemids	19	55	4	14	126
12	Sciaenids	13835	12309	5685	5130	2750
13	Ribbon Fish	8847	23232	25647	12916	7051
14	Caran	16432	7203	11805	4864	4411
	(b) Chorinemus	516	165	174	81	616
	(c) Trachynotus	25	..	..	..	..
	(d) Other Carangids	78	72	..	39	2275
	(e) Coryphaena	79	44	115	30	..
	(f) Elacate	171	176	108	114	..



## 9-19-5 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)
15	(a) Leiognathus	7721	3366	3668	3645	3103
	(b) Gazza	..	..	..	..	..
16	Lactarius	804	1498	335	786	951
17	Pomfrets	3938	1570	1313	1059	1422
18	Mackerel	23752	23296	15549	21560	12835
19	Seerfish	3106	3509	6352	3116	4419
20	Tunnies	6769	6707	15434	9977	6938
21	Sphyraena	418	780	382	438	393
22	Mugil	34	31	29	142	131
23	Breganaceros	..	..	..	..	..
24	Soles	6568	7411	4311	4493	4705
25	Penacid Prawns	39406	47537	27623	51063	21826
	(b) Non-Penacid Prawns	..	..	..	1771	142
	(c) Lobsters	..	..	..	42	..
	(d) Crabs	4752	3455	7297	273	3119
	(e) Squilla	..	..	..	6069	..
26	Cephatopods	5254	6125	3670	3486	2898
27	Miscellaneous	20559	18154	6863	6556	7193
	Total	341525	367866	320973	268083	305254

\* Provisional.

Source: Directorate of Fisheries.

## 9-19-6—District-wise and Species-wise distribution of Marine Fish Landings in Kerala—1980 (\*)

(Quantity in Tonnes)

Sl. No.	Species	Trivan- drum	Quilon	Alleppey	Erna- kulam	Trichur	Malap- puram	Kozhi- kode	Cannanore	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Elasmobranchis	546	1926	230	942	774	719	980	636	6753
2	Eels	..	..	..	5	1	..	..	..	6
3	Catfishes	418	9404	50	1006	909	591	915	490	13783
4	Chirocentrus	328	218	20	91	43	90	156	56	1002
5	(a) Oil Sardine	5609	7266	7730	12328	5793	7119	15513	8209	69667
	(b) Lesser Sardine	2945	1291	6511	242	15	3	6	4	11017
	(c) Hilsa Hilsa	12	..	..	1	1	..	..	..	14
	(d) Other Hilsa	18	..	..	2	1	..	..	..	21
	(e) Anchoviella	3893	2925	37	425	192	143	151	1	7772
	(f) Thriissocles	164	169	1247	251	35	51	103	221	2241
	(g) Other ellepeids	66	39	37	167	5	1	104	135	573
6	(a) Harpoden Neherus	..	..	..	..	..	..	..	..	..
	(b) Sanrida and Savrus	346	6424	29	256	3	1	12	9	7080
7	Hemirhamphus and Belone	231	94	8	21	6	..	1	..	361
8	Flying fish	..	..	..	..	..	..	..	..	..
9	Perches	1298	15037	58	1250	118	42	1	2	17806
10	Red Mullet	1	..	..	..	..	..	..	..	1
11	Polynemids	..	..	..	..	..	..	1	7	8
12	Sciaenids	338	3074	43	1748	398	172	115	256	6164
13	Ribbon fish	11563	1042	..	60	99	53	64	56	1237
14	(a) Carnax	3075	420	85	262	167	90	82	218	4399
	(b) Chorinemus	6	47	16	67	4	2	3	..	145
	(c) Trachynotus	..	..	..	..	..	..	..	..	..
	(d) Other Carangids	46	13	..	..	..	..	..	..	39
	(e) Conyphasena	95	12	22	9	..	..	..	..	138
	(f) Elacate	2	..	1	16	..	..	..	..	19
15	(a) Luognathur	486	1144	378	363	24	17	887	848	4147
	(b) Gazza	..	..	..	1	..	..	..	..	1
16	Lactarius	95	607	11	67	21	8	1	51	861
17	Pomfrets	95	129	3	158	157	62	96	207	907
18	Mackerel	4783	1375	1880	4893	1375	837	1810	1321	18474
19	Seerfish	801	1048	24	555	307	287	389	352	3763
20	Tunnies	8102	930	145	1430	..	..	2	2	10611
21	Sphyraena	296	5	1	28	..	..	..	..	330
22	Mugil	..	31	80	38	..	..	1	1	151
23	Bregmaceres	..	..	..	..	..	..	..	..	..

\* Provisional

9-19-6—(Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
24	Soles	108	2793	117	794	155	113	144	170	4394
25	(a) Penacid Prawns	62	36633	5195	6532	896	317	952	1846	32633
	(b) Non-Penacid Prawns	1718	24	..	..	..	..	..	..	1742
	(c) Lobsters	8	7	..	..	..	..	2	1	18
	(d) Crabs	22	18	8	194	3	15	42	24	326
	(e) Squilla	..	4151	48	2039	15	186	355	166	6960
26	Cephalopods	1120	2248	7	541	229	82	..	15	4242
27	Miscellaneous	870	4255	285	1081	579	201	101	122	7494
	Total	49686	105019	24306	37863	12325	11407	22989	15426	279021

9-19-7—District-wise and species-wise Distribution of Marine Fish Landings in Kerala in 1981  
(Provisional)

(Quantity in tonnes)

Sl. No.	Species	Trivan- drum	Quilon	Alleppey	Ernaku- lam	Trichur	Malap- puram	Kozhi- kode	Cannanore	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Elasmobranches	283	1164	17	757	500	40	778	1281	4820
2	Eels	..	2	..	1	..	..	..	..	3
3	Cafishes	358	4326	35	1010	352	493	1219	1647	9440
4	Chirocentrus	292	46	..	20	117	1	30	468	974
5	(a) Oil Sardine	702	4897	34566	16398	15310	7551	22276	45948	147648
	(b) Lesser Sardines	2472	4114	509	381	..	..	96	43	7615
	(c) Hilsa Hilsa	8	..	..	..	..	..	..	..	8
	(d) Other Hilsa	14	..	1	..	..	..	..	..	15
	(e) Anchoviella	2516	833	16	395	241	65	240	..	4306
	(f) Thrissacles	13	14	59	181	218	57	54	39	635
	(g) Other clupcooids	89	83	60	103	..	115	458	33	941
6	(a) Harpodon mehereus	..	..	..	..	..	..	..	..	..
	(b) Saurida and saurus	184	5115	2	346	15	..	23	..	5685
7	Hemirhamphs and Belone	445	98	..	19	..	..	1	..	563
8	Flying fish	16	..	..	..	..	..	..	..	16
9	Perches	1346	3867	45	2787	4	..	20	404	8433
10	Red mullets	29	3	..	1	..	..	..	..	33
11	Polynemids	2	..	..	1	3	..	..	41	47
12	Sciaenids	119	1404	19	551	541	28	97	389	3148
13	Ribbon fish	6595	41	1	55	85	1	219	53	7050
14	(a) Caranx	1606	95	..	28	3	..	3	..	1735
	(b) Chorinemus	282	5	..	25	1	4	..	..	317
	(c) Trachynotus	..	..	..	..	..	..	..	..	..
	(d) Other Carangoids	1639	149	37	565	226	32	22	305	2995
	(e) Coryphaena	..	..	..	..	..	..	..	..	..
	(f) Elacate	..	..	..	..	..	..	..	..	..
15	(a) Leiognathus	624	830	750	172	24	33	64	313	2810
	(b) Gazza	..	..	..	..	..	..	..	..	..
16	Lactarius	43	484	42	55	2	18	187	64	895
17	Pomfrets	60	32	4	225	106	..	65	881	1373
18	Mackerel	1906	1921	535	4609	269	164	3199	3694	16297
19	Seerfish	677	251	2	167	152	65	104	1813	3331
20	Tunnies	3846	288	..	1244	63	..	67	..	5511
21	Sphyraena	582	122	39	59	2	..	..	..	804
22	Mugil	1	7	..	116	..	..	6	4	134
23	Bregmaceros	..	..	..	..	..	..	..	..	..
24	Soles	114	2065	192	471	35	732	1062	373	5044
25	(a) Penacid Prawns	25	9544	956	3277	1333	736	2153	4261	22285
	(b) Non Penacid Prawns	71	89	..	..	..	..	..	..	160
	(c) Lobsters	..	..	..	..	..	..	..	..	..
	(d) Erabs	36	1987	35	468	52	48	47	179	3052
	(e) Squilla	..	..	..	..	..	..	..	..	..
26	Cephalopods	1443	805	5	119	..	..	..	..	2372
27	Miscellaneous	694	2115	200	366	105	52	690	106	4328
	Total	29152	46796	38127	35032	19759	10235	33180	62539	274820

## 9.19.8-Ice Production, fish storage and freezing facilities, 1980

District	Ice production capacity per day		Fresh fish storage (MT)		Freezing capacity per day (MT)		Freezing fish storage capacity (MT)		Ice storage (Tonnes)	
	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Cannanore	181.75	35	..	115	10	11	150	190	430	125
Wynad	..	..	..	..	..	..	..	..	..	..
Kozhikode	244.50	46.00	..	130	31	8	230	215	365	218
Malappuram	173.75	15	..	50	..	..	..	..	240	50
Trichur	136	10	..	51	..	..	..	25	291.50	50
Ernakulam	366.75	30	..	40	284	19	6767	960	279.75	75
Kottayam	3.25	..	69.75	1	..	..	..	..	3.25	..
Alleppey	454	10	13	31	16.50	3	425	15	765.60	40
Quilon	484	25	10	101	108.50	12	1672	125	741	100
Trivandrum	59	15	..	65	..	..	..	..	50	65
Palghat	..	..	..	..	..	..	..	..	..	..
Idukki	..	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>2103.00</b>	<b>186</b>	<b>92.75</b>	<b>584.00</b>	<b>450.00</b>	<b>53.0</b>	<b>9244.0</b>	<b>1530</b>	<b>3166.10</b>	<b>723.00</b>

Source: Directorate of Fisheries.

## 9.19.9-Disposal of marine Fish landings in Kerala during 1978-79 to 1982-83 (Estimated)

(1)	(2)	Fresh	Dried/cured	Frozen	Canned	Fish meal/ other	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1978-79	Fish	153437	107405	12274	3068	30687	306874
	Crastracean	2520	2520	38244	7648	..	50932
1979-80	Fish	143027	100118	11442	2861	28605	286053
	Crastracean	1746	1746	26190	5238	..	34920
1980-81	Fish	104432	73103	8355	2089	20886	208865
	Crastracean	2961	2961	44413	8883	..	59218
1981-82	Fish	140083	98058	12207	2802	28017	280167
	Crastracean	1254	1254	18816	3763	..	25087
1982-83	Fish	154883	108418	12390	3098	30976	309765
	Crastracean	1908	1908	28622	5724	..	38162

Source: Directorate of Fisheries.

## 9.19.10-Trend of marine Fish catch by mechanised and non-mechanised vessel along the Kerala coast during 1971-81

Year	Total catch	Catch of non-mechanised crafts	Catch of mechanised crafts	Percentage of the mechanised craft catch
1971	445347	398056	47291	10.6
1975	420836	240725	180111	42.8
1978	373339	255983	117356	31.4
1979	330480	235259	95191	28.8
1980	279021	144238	134783	48.31
1981	274820	179489	95331	34.69

Source: Directorate of Fisheries.

## 9.19.11-Composition of Marine catches by mechanised vessels in Kerala

Name of fish	1980		1981		1982	
	Machanised Catch	Non-Ma. Catch	Machanised Catch	Non-Ma. Catch	Machanised Catch	Non-Ma. Catch
1. Elasmobranches	3993	2760	1971	2849	3851	2436
1. Eels	6	..	3	..	19	..
3. Cat fish	11209	2574	4815	4625	5172	4325
4. Chirocentrus	74	928	134	840	207	853
5. (a) Oil Sardine	12042	57625	35972	111676	58907	84298
(b) Lesser Sardine	266	10751	378	7237	183	7205
(c) Hilsa ilisha	..	14	..	8	35	4
(d) Other Hilsa	..	21	..	15	..	..
(e) Anchovilla	609	7163	750	3556	1760	11819
(f) Thris ocls	303	1938	62	573	408	561
(g) Other Chinnpeids	161	413	44	897	2225	870
6. (a) Harpodon mehereus	..	..	..	..	..	..
(b) Saurida and Saurues	6711	369	5476	209	5164	297
7. Heomirhamphus and Belone	4	357	8	555	48	957
8. Flying fish	..	..	..	16	..	1
9. Perches	16356	1450	6523	1910	9396	1670
10. Redmulletts	..	1	3	30	10	235
11. Polynemids	8	..	44	3	118	..
12. Seiaenids	4991	1173	2477	671	2359	1222
13. Ribbon fish	279	12658	91	6959	321	10708
14. (a) Caranx	659	3740	94	1641	797	2198
(b) Charinemus	88	57	24	293	206	328
(c) Trachymatus	..	..	..	..	..	..
(d) Other carangoids	..	59	..	..	..	..
(e) Coryphaena	9	129	999	1996	1891	7243
(f) Elacate	17	2	..	..	..	..
15. (a) Leiagonathus	1460	2637	855	1955	7007	1716
(b) Gazycs	..	1	..	..	..	..
16. Lactarius	140	721	201	694	234	1375
17. Pomfrets	496	411	382	991	1347	2895
18. Mackerel	5067	13407	4122	12175	3862	6855
19. Seerfish	1331	2432	769	2562	2648	2969
20. Tuñ nics	2376	8235	1356	4152	2532	4749
21. Sphyraena	28	302	104	700	156	500
22. Mugil	37	114	102	32	23	10
23. Bregmaccros	..	..	..	..	..	..
24. Soles	4121	273	4187	857	5554	6047
25. (a) Penacid Prawn	46170	6463	16325	5960	21821	4886
(b) Non-Penacid Prawns	..	1742	..	160	5	60
(c) Lebsters	..	..	..	..	11	83
(d) Carbs	7252	52	2994	58	128	219
(e) Squilla	..	..	..	..	4023	..
26. Cephalopode	3016	1226	926	1446	1511	2013
27. Miscellaneous	5504	1990	3140	1188	4301	5520
Total	134783	144238	95331	179489	148240	177127

## 9.19.12-Percentage composition of catches by machine boats at Neendakara in the total mechanised fishing of Kerala

Year	Total catches by mechanised boats in Kerala	Total catches by mechanised boats in Neendakara	Percentage
1977	107424	45828	42.66
1978	117356	89892	76.60
1979	95191	56016	58.85
1980	134783	84556	62.74
1981	95331	32427	34.02
1982	148240	N.A.	..

Source: Directorate of Fisheries.

## 9.19.13-Trend in Prawn production by mechanised boats at Neendakara

Year	Total catch	Prawn catch	Total effort (hrs.)	CPVE for Prawn in Kg.	Percentage of Prawn in total catch
1977	45828	24197	1336732	18.0	52.6
1978	89892	33143	2413475	13.7	36.8
1979	56016	14582	3467943	4.2	26.0
1980	84556	36559	848237	43.1	43.2
1981	32427	9540	538983	17.7	29.4

Source: Directorate of Fisheries

## 9.20-Exports of Fish Products

Year	Quantity (Tonnes)	Value (Rs. in lakhs)
1970-71	23896	2757.00
1978-79	32301	9399.51
1979-80	30534	10393.00
1980-81	29148	9534.00
1981-82	32006	12512.00

Source: Directorate of Fisheries.

## 9.20.1-Exports of Marine Products 75-76 to 1981-82

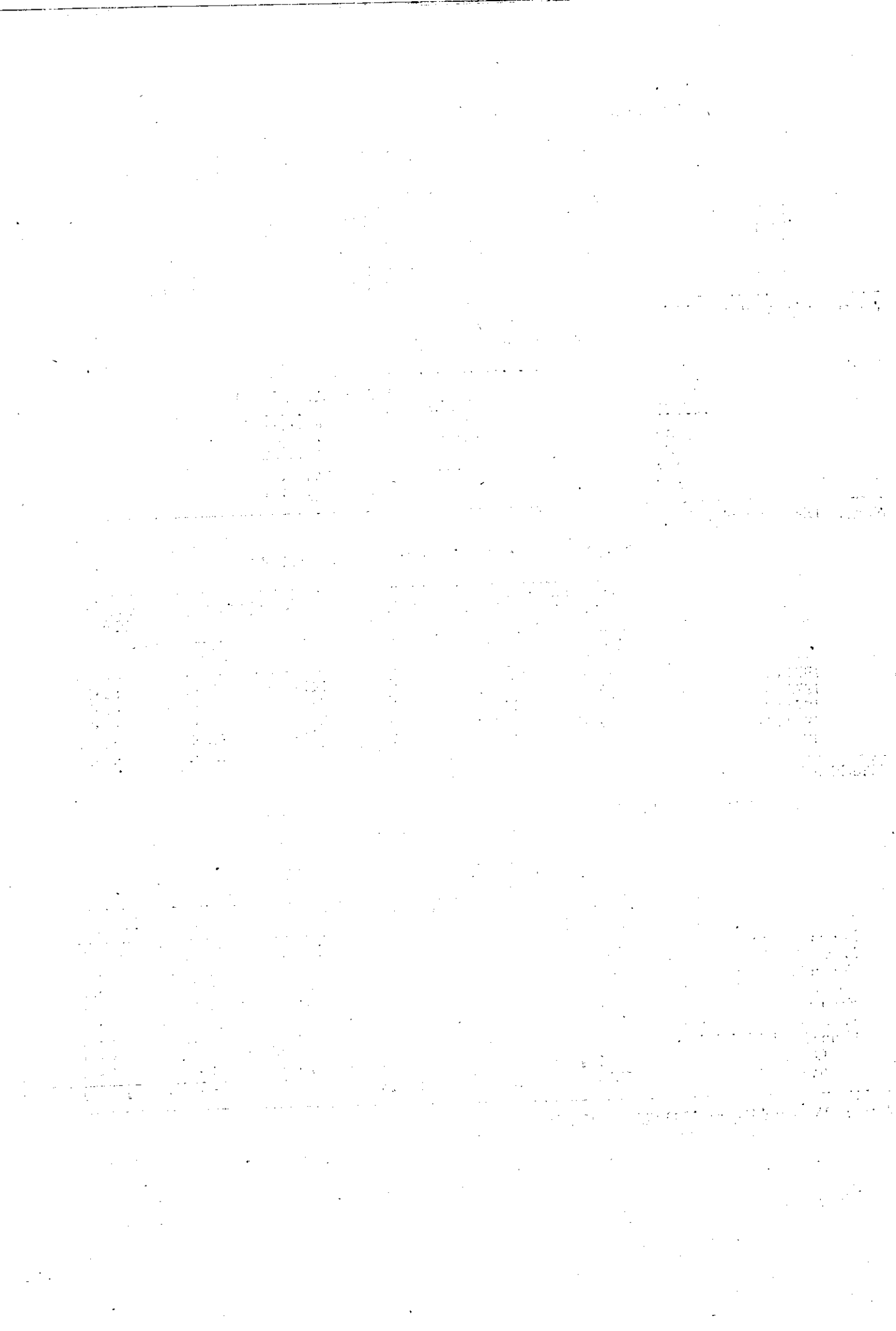
Year	Quantity (Tonnes)		Share of Kerala (Percentage)	Value (in crores)		Share of Kerala (Percentage)
	India	Kerala		India	Kerala	
1975-76	54463	31644	58.10	124.53	67.81	54.45
1978-79	86894	32301	37.17	234.62	94.00	40.06
1979-80	86401	30534	35.34	248.82	103.93	41.77
1980-81	75591	29148	38.56	234.84	95.34	40.60
1981-82	70105	32006	43.65	286.01	125.12	43.75

\*Provisional

## 9.20.2-Export of Marine Products by items through the port of Cochin 1978-79, 1979-80 and 1980-81

Items	Quantity (in Tonnes)			Percentage to total		
	1978-79	1979-80	1980-81	1978-79	1979-80	1980-81
Frozen Shrimp	25816	26047	24481	79.92	85.31	83.99
Frozen Squids	1651	593	382	5.11	1.94	1.31
Frozen Frog legs	1802	1684	2372	5.58	5.52	8.14
Frozen cuttle Fish fillets	685	979	634	2.12	3.21	2.17
Fresh and Frozen Fish	974	123	37	3.02	0.40	0.13
Frozen stertails	394	221	270	1.22	0.72	0.94
Canned and dried shrimp	185	226	259	0.57	0.74	0.89
Others	794	661	710	2.46	2.16	2.43
Total	32301	30534	29148	100.00	100.00	100.00

Source: Facts and Figures 1980-Fisheries, Kerala



**X. BANKING**

1954



## X. BANKING

## 10.1. Distribution of Offices of Commercial banks as on 31st December in Kerala State

Sl. No.	Banks	Year					
		1971	1977	1979	1980	1981	1982*
1	No. of Nationalised banks	268	516	551	670	684	696
2	State Bank of India and its Associates	229	399	441	477	501	515
3	Other Indian Scheduled Banks	318	928	971	984	1012	1017
4	Foreign banks	4	4	4	4	4	4
5	Non-scheduled banks	74	29	37	N.A.	N.A.	Nil
6	Regional Rural Banks	..	..	124	171	198	212
	Total	913	1876	2128	2306	2399	2444

\* Only reporting offices as on June ending.

Source:—Reserve Bank of India.

## 10.2. District-wise distribution of Commercial bank offices in Kerala State as at the end of December

District	Number as at the end of December					
	1969 (June)	1975	1979	1980	1981	1982
Trivandrum	53	144	200	221	232	239
Quilon	41	114	179	191	196	204
Alleppey	48	138	227	242	258	263
Kottayam	55	122	187	201	209	210
Idukky	..	45	58	71	76	76
Ernakulam	142	254	349	364	364	376
Trichur	106	195	264	277	177	285
Palghat	57	122	170	177	188	191
Malappuram	..	61	119	136	145	154
Kozhikode	50	113	171	197	201	183
Wynad	..	..	..	..	6	43
Cannanore	49	127	204	229	247	249
State	601	1435	2128	2306	2399	2473

Source:—Reserve Bank of India.

## 10.3. District-wise distribution of Commercial Bank Offices in Kerala State i.e. classified under Rural, Semi Urban and Metropolitan Port Town, as on 31st December 1978 to 82

District	Number of offices as on 31st December 1978					Number of offices as on 31st December 1979				
	Rural	Semi Urban	Urban	Metro-politan Port Town	Total	Rural	Semi Urban	Urban	Metro-politan Port Town	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Trivandrum	71	45	78	..	194	75	45	80	..	200
Quilon	86	59	33	..	178	86	59	34	..	179
Alleppey	107	88	27	..	222	107	91	29	..	227
Kottayam	33	97	..	..	135	90	97	..	..	187
Idukky	33	25	..	..	58	33	25	..	..	58
Ernakulam	107	104	..	133	344	107	107	..	135	349
Trichur	131	124	..	..	255	139	125	..	..	264
Palghat	89	80	..	..	169	90	80	..	..	170
Malappuram	50	52	..	..	102	66	53	..	..	119
Kozhikode	58	48	53	..	159	70	43	53	..	171
Wynad	..	..	..	..	..	..	..	..	..	..
Cannanore	89	102	..	..	191	102	102	..	..	204
State	909	824	191	133	2057	965	832	196	135	2128

## 10.3. (Contd.)

District	Number of offices as on 31st December 1980					Number of offices as on 31st December 1981				
	Rural	Semi Urban	Urban	Metro-politan Port Town	Total	Rural	Semi Urban	Urban	Metro-politan Port Town	Total
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Trivandrum	84	50	87	..	221	85	56	91	..	232
Quilon	96	61	34	..	191	99	62	35	..	196
Alleppey	109	104	29	..	242	112	115	31	..	258
Kottayam	95	106	..	..	201	96	113	..	..	209
Idukky	41	30	..	..	71	45	31	..	..	76
Ernakulam	113	114	..	137	364	113	114	..	137	364
Trichur	142	135	..	..	277	142	135	..	..	277
Palghat	93	84	..	..	177	98	90	..	..	188
Malappuram	77	58	1	..	136	80	64	1	..	145
Kozhikode	87	54	56	..	197	88	56	57	..	201
Wynad	..	..	..	..	..	2	4	..	..	6
Cannanore	121	108	..	..	229	137	110	..	..	247
State	1058	904	207	137	2306	1097	950	215	137	2399

## 10.3. (Contd.)

District	Number of offices as on 31st December 1982				
	Rural	Semi Urban	Urban	Metropolitan Port Town	Total
(1)	(22)	(23)	(24)	(25)	(26)
Trivandrum	85	56	98	..	239
Quilon	98	69	37	..	204
Alleppey	111	120	32	..	263
Kottayam	91	119	..	..	210
Idukky	45	31	..	..	76
Ernakulam	115	119	..	142	376
Trichur	145	140	..	..	285
Palghat	97	94	..	..	191
Malappuram	88	66	..	..	154
Kozhikode	77	46	60	..	183
Wynad	23	20	..	..	43
Cannanore	140	109	..	..	249
State	1115	989	227	142	2473

Source:—Reserve Bank of India.

**10.4. District-wise deposits and advances of scheduled Commercial Banks including Regional Rural Banks in Kerala as at the end of March 1981**

District	(Amount in crores of Rs.)		Credit deposit ratio
	Deposit	Advance	
Trivandrum	221.19	113.77	51.44
Quilon	134.16	111.50	83.11
Alleppey	174.67	75.87	43.44
Kottayam	116.49	67.37	57.83
Idukky	16.79	17.42	103.75
Ernakulam	290.26	336.60	115.96
Trichur	189.02	82.40	43.59
Palghat	93.46	42.20	45.15
Malappuram	46.19	30.09	65.14
Kozhikode	83.09	78.37	94.32
Wynad	8.81	13.61	154.48
Cannanore	107.57	73.02	67.88
State	1481.70	1042.22	70.34

Source:—Reserve Bank of India.

**10.5. Population-wise distribution of the number of Reporting Offices 'Aggregate Deposits' and 'gross Bank Credit' in the banks of Kerala as in June 1982**

(Amount in Lakhs of Rupees)

Category	Rural			Semi-urban			Urban/Metropolitan			Total		
	Offices	Deposits	Credit	Offices	Deposits	Credit	Offices	Deposits	Credit	Offices	Deposits	Credit
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1. State Bank of India and its Associates	130	6967	3467	309	32532	16412	76	18063	18350	515	57563	38229
2. Nationalised *Banks Group I	198	11326	6513	270	33399	15359	134	23223	22912	602	67948	44784
3. Nationalised **Banks Group II	28	682	287	39	2860	840	27	1917	1550	94	5460	2677
4. Regional Rural Banks	133	1095	2477	77	496	988	2	77	42	212	1668	3508
5. Other scheduled Commercial Banks	377	11096	5585	513	26867	13917	127	10965	11148	1017	48928	30650
All Scheduled Commercial Banks	866	31166	18329	1208	96154	47516	366	54245	54002	2440	181567	119848

Source: Banking Statistics for the month of June 1982.

\*14 Banks. \*\*6 Banks.

**10.6. District-wise distribution of the number of Reporting Offices, Deposits and bank credit of Scheduled Commercial Banks as in June**

(Amount in Lakhs of Rs.)

District/State	1981			1982		
	No. of Offices	Deposits	Credit	No. of Offices	Deposits	Credit
Trivandrum	227	23787	12433	232	27141	14608
Quilon	192	14019	18470	201	16622	15019
Alleppey	245	18599	7748	262	21913	8291
Kottayam	201	12351	6871	208	14073	7318
Idukky	76	1761	1878	76	1952	2047
Ernakulam	372	29831	34469	375	34493	34399
Trichur	277	20037	8513	282	23302	9672
Palghat	181	9512	4643	187	11104	5711
Malappuram	140	5167	3763	151	6616	3936
Kozhikode	169	9078	8173	175	9956	8635
Wynad	41	923	1508	45	1038	1777
Cannanore	236	11666	8093	246	13355	8436
State	2357	156731	116562	2440	181565	119849

Source: Banking Statistics, monthly return on aggregate deposits and gross bank credit.

10.7. District-wise and occupation-wise classification of outstanding credit of Scheduled Commercial Banks—June 1981

(Amount in 1000 of Rs.)

Occupation District	Total Bank credit		Of which for small scale Industry		Total		Agriculture			
	No. of accounts	Amount	No. of accounts	Amount	No. of accounts	Amount	No. of accounts	Amount		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Trivandrum	270496	1156341	5792	98596	117383	197873	115020	154847	2363	43026
Quilon	213600	1860451	5249	863693	82438	161259	80522	158006	1916	3253
Alleppey	255497	740523	4368	94691	100820	189836	100343	119227	477	70609
Kottayam	172855	762355	4318	87876	76639	181498	76364	177682	275	3816
Idukky	76425	214773	443	8274	46118	122178	45636	120726	482	1452
Ernakulam	271357	383922	6048	335914	80609	226333	188795	188795	4965	37538
Trichur	226694	900244	1770	136297	87030	204951	86520	176788	510	28163
Palghat	204990	632005	1977	47541	101700	253237	97370	246925	4330	6312
Malappuram	169568	308316	1946	26966	89016	74909	88721	71911	295	2998
Kozhikode	242104	734067	3129	68040	126845	167875	126508	165958	337	1917
Wynad	154645	96779	185	829	42265	77443	42037	76910	228	533
Cannanore	379451	767272	4889	73488	184042	188978	183921	184813	121	4165

10.7. (Contd.)

Occupation District	Industry													
	Total	Food manufacturing	Textiles	Chemicals	Metals	Engineering	Others	No. of accounts	Amount	No. of accounts	Amount			
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
Trivandrum	6573	246979	156	16389	127	41684	146	18247	100	21331	196	65414	5848	83914
Quilon	6485	1345683	740	1108293	106	12477	124	19049	142	78641	58	21471	5315	105752
Alleppey	5887	242604	271	38253	512	96464	163	25459	127	17760	63	22055	4751	42613
Kottayam	4942	218131	187	15345	38	4284	146	40547	89	4033	93	6774	4389	147148
Idukky	835	11342	47	4197	14	352	24	811	16	371	4	63	730	5548
Ernakulam	8152	2099034	706	316257	224	79096	573	275966	454	98688	485	300083	5710	1028944
Trichur	5530	250943	419	39211	144	43401	194	18242	169	10117	158	30225	4446	109747
Palghat	2380	125528	154	6900	23	3821	98	5165	153	17285	110	63496	1342	23861
Malappuram	2101	42817	73	10519	28	7127	28	1743	18	3402	20	8339	1934	11682
Kozhikode	4244	216884	127	16285	145	36488	125	42021	98	39430	54	3937	3695	78723
Wynad	193	752	Nil	Nil	Nil	Nil	1	23	Nil	Nil	Nil	Nil	192	729
Cannanore	5663	172548	213	16931	522	45536	111	9279	47	1554	51	35136	4716	64112

Occupation District	Trade												
	Transport operators			Services			Of which retail trade			Personal Loans			All others
	No. of accounts	Amount	No. of accounts	Amount	No. of accounts	Amount	No. of accounts	Amount	No. of accounts	Amount	No. of accounts	Amount	
(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)		
Trivandrum	2446	51175	14904	77672	19881	273005	19499	65255	33093	94331	76216	215306	
Quilon	1779	40724	13639	48362	14820	86096	14147	58857	26512	68775	67927	109552	
Alleppey	1658	37430	12932	31867	24720	85245	23798	47664	26131	62578	83149	90963	
Kottayam	1462	41114	8796	24771	12178	157931	11614	59916	27945	60483	40893	78427	
Idukky	485	13555	3216	10997	4589	25003	4403	19648	6730	10328	14452	20370	
Ernakulam	3794	94037	21891	120306	19889	487920	17862	153075	42818	144568	94204	211724	
Trichur	2547	53918	15844	48869	18024	121762	17529	92759	25859	80783	71860	139018	
Palghat	653	12522	9512	26166	10737	73142	10417	48773	19080	39723	60928	101687	
Malappuram	607	16514	4247	11792	27471	40745	26863	20267	4668	14235	41458	107304	
Kozhikode	1521	53965	10015	35990	30953	136508	29849	50297	16498	45038	52028	77807	
Wynad	87	450	1324	2938	4207	7448	4168	7264	1106	1127	5463	6621	
Cannanore	2025	46883	14825	34255	62323	151119	61791	121704	23941	57325	86632	115964	

Source: Banking Statistics, 1981.

## 10.8.1 Scheduled Commercial Bank's Advances to Agriculture in Kerala and India during 1979 and 1980

(Amount in lakhs of Rs.)

	Kerala						India					
	1979			1980			1979			1980		
	No. of accounts	Amount outstanding	No. of accounts	Amount outstanding	No. of accounts	Amount outstanding	No. of accounts	Amount outstanding	No. of accounts	Amount outstanding	No. of accounts	Amount outstanding
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)				
1. Finances for distribution of fertilizers and other inputs	2846	97.9	3342	129.6	33201	12444.0	36700	20600.8				
2. Loans to State Electricity Boards to energisation of wells etc.	10	559.0	12	533.9	17525	11055.7	12010	14472.8				
3. Other types of indirect finances*	12849	535.0	8436	577.5	1050019	42992.8	1085002	43278.0				
Direct finance to farmers	804942	11561.8	890033	15130.9	7603026	220458.2	8501469	278914.7				
Total	820647	12753.7	901823	16371.9	8703771	286950.7	9635181	357266.3				

Source: Reserve Bank of India - Statistical tables relating to Banks in India.

\*Includes loans to farmers through Primary Credit Societies.

**10.8.2 Scheduled Commercial Banks—Advances to Small Scale Industries etc. as on the last Friday of December 1979 and 1980**

(Amount in lakhs of Rupees)

Category	Kerala			India		
	1979	1980	1979	1980	1979	1980
	No. of Units	Amount outstanding	No. of Units	Amount outstanding	No. of Units	Amount outstanding
Advances to Small Scale Industry	30514	10685.6	48107	13259.1	680731	263276.7
Advances to Road and Water Transport Operators	7543	1963.1	12957	3558.8	255943	51375.1
Loans for setting up Industrial Estates	39	86.7	36	103.4	222	2909.8
<b>Total</b>	<b>38116*</b>	<b>12735.4</b>	<b>61100*</b>	<b>16921.3</b>	<b>936896</b>	<b>317561.6</b>

\* Includes number of accounts in respect of Industrial Estates.  
Source: R. B. I. Statistical Tables relating to banks in India.

**10.8.3 Statement of Scheduled Commercial Banks, direct Finance to Farmers—Distribution of term loan/short-term loan according to size of land holdings in Kerala as on last Friday of March 1980**

(Rupees in lakhs)

Term loan	Up to 2.5 acres			Above 2.5 acres to 5 acres			Above 5 acres to 10 acres			Above 10 acres			Total						
	Loans & advances			Loans & advances			Loans & advances			Loans & advances									
	No. of accounts	Amount	Disbursed during the year	No. of accounts	Amount	Disbursed during the year	No. of accounts	Amount	Disbursed during the year	No. of accounts	Amount	Disbursed during the year							
10205	199	36222	1043	3857	92	15237	695	1274	60	4556	370	874	112	2776	523	16210	463	58791	2631
134598	1230	496109	4889	17418	264	75850	1166	5308	111	19657	469	2330	230	9845	498	160654	1835	601461	7022

Source: Report on Currency and finance, 1981-82.

**10.9 Details of Scheduled Commercial Banks' Investment in State Government Securities and Shares/Debentures/Bonds of State Associated Bodies—1980 and 1981**

(Rupees in lakhs)

Shares/Debentures/Bonds	Kerala		India	
	1980	1981	1980	1981
1. State Government Securities	6554	7955	150455	166182
2. Land Development Banks	719	1004	16847	17007
3. State Electricity Boards	5811	6238	89893	112034
4. Municipalities and Port Trusts	18	18	20592	21825
5. State Financial Corporation	1273	1491	17906	21571
6. Housing Boards	794	736	10093	10872
7. State Industrial Development Corporation	947	929	8824	9607
8. Road Transport Corporation	125	114	1537	1666
9. Other Government & Quasi Govt. Bodies	1232	1429	18141	19989
10. Shares & Debentures of Joint Stock Companies in the State	88	95	7460	7598
11. Others	..	17	5	36
<b>Total</b>	<b>17561</b>	<b>20026</b>	<b>341753</b>	<b>388397</b>

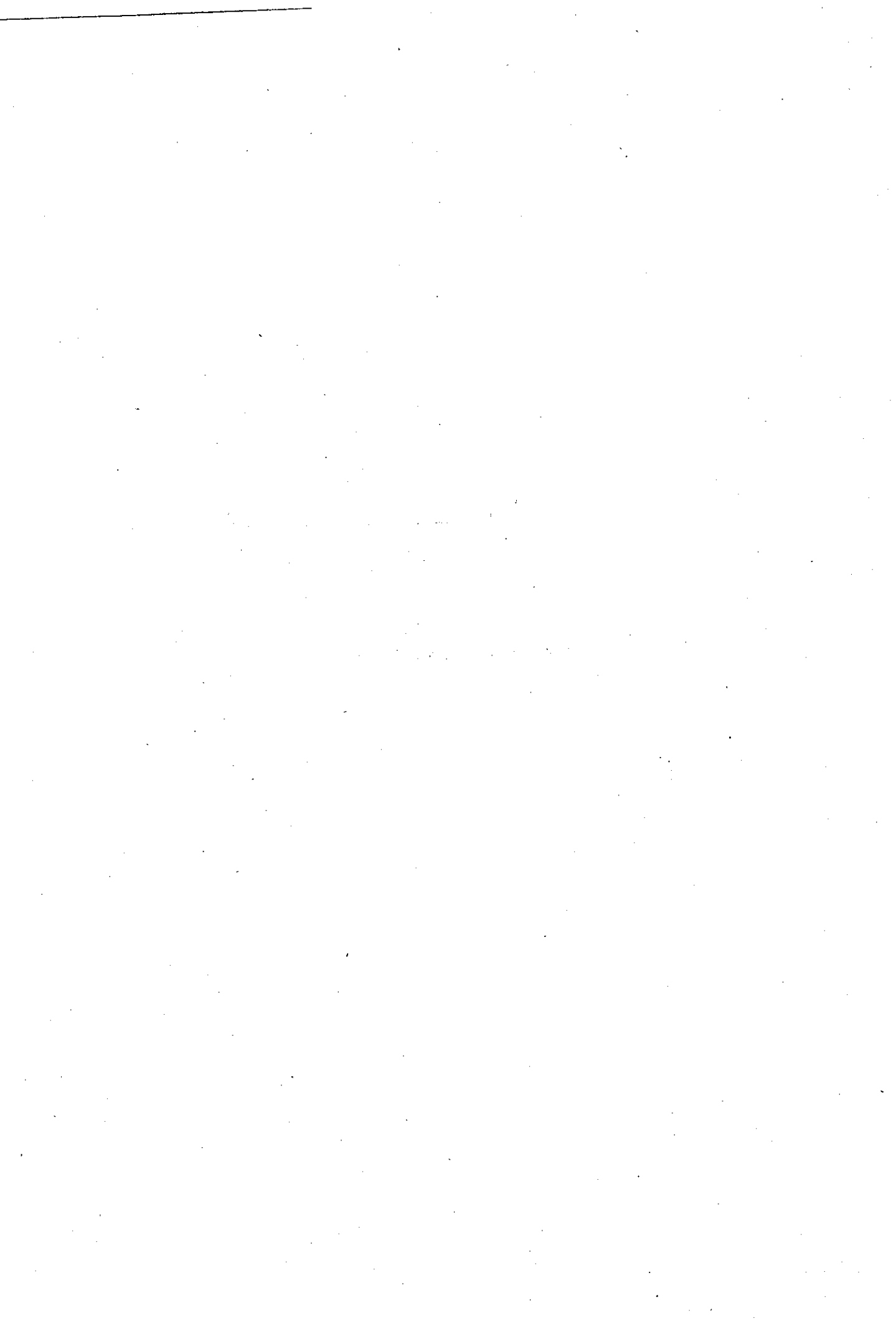
Source: R. B. I. Statistical Tables relating to Banks in India 1980.

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## XI. CO-OPERATION



## XI CO-OPERATION

## 11.1. Number of Co-operative Societies by type

Type of Society	1970-71	1977-78	1978-79	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. State Co-operative Bank	1	1	1	1	1	1
2. District Co-operative Bank	10	11	11	11	11	11
3. Central Land Development Bank	1	1	1	1	1	1
4. Primary Land Mortgage Bank	22	33	33	33	34	34
5. Primary Agricultural Credit Societies	1888	1630	1616	1581	1558	1556
6. Harijan Societies	273	291	257	278	308	335
7. Girijan Societies	..	..	55	60	62	67
8. Urban Banks (B. R. Act)	..	..	67*	45	69*	69*
9. Employees Credit (B. R. Act)	..	..	442*	5	497	518*
10. Urban Banks (Non B. R. Act)	..	..	..	22	..	..
11. Employees Credit ( do. )	..	..	..	461	..	..
12. Farmers Service Societies	..	..	..	..	17	..
13. Others (Non. B. R. Act)	..	..	52	57	58	56
14. Marketing Federation	2	2	2	2	2	1
15. Primary Marketing Societies	88	91	91	92	96	97
16. Poultry Societies	56	42	42	47	51	52
17. Other Livestock	1	3	3	3	3	3
18. Joint Farming Societies	131	52	48	46	45	45
19. Collective Farming	..	10	11	11	12	10
20. Irrigation Societies	20	20	20	18	18	18
21. Other Industrial	10	6	3	3	1	1
22. Consumer Federation	1	1	1	1	1	1
23. Wholesale Stores	11	11	11	11	11	11
24. Primary Stores	335	321	317	316	338	334
25. College Central Stores	..	1	1	1	2	2
26. School and College	..	3235	3255	3285	3309	3343
27. Housing	1	1	1	1	1	1
28. Primary Housing	162	156	162	211	252	264
29. Labour Contract Societies	..	77	79	80	82	84
30. Forest Contract	..	12	11	11	10	8
31. Processing Societies	1	1	1	1	1	1
32. Transport Societies	..	16	15	15	15	14
33. Other non credit (agricultural)	1050	80	326	70	..	NA
34. Other non credit (non-agricultural)	..	247	..	264	346	7
35. Primary non agricultural credit societies	..	341	..	..	..	..
Total	..	6693	6935	7045	7212	7145

\* Total of B. R. Act &amp; Non-B. R. Act.

Source : Registrar of Co-operative Societies

## 11.2. Membership of Co-operative Societies

Type of Society	1970-71	1977-78	1978-79	1979-80	1980-1981	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. State Co-operative Bank	11	12	12	12	12	12
2. District Co-operative Bank	3370	3990	4090	4202	4313	4343
3. Central Land Development Bank	22	32	31	32	33	33
4. Primary Land Development Bank	69032	255877	249775	282456	407019	354115
5. Primary Agricultural Credit Societies	1660000	2676535	3158063	3574499	3691000	4568000
6. Farmers Service Societies	..	..	..	..	88000	..
7. Harijan Societies	35000	68449	43713	63782	66017	89776
8. Urban Banks (B. R. Act)	..	..	..	486414	688000	713000*
9. Employees Credit (B. R. Act)	..	..	..	10210	247000	261000*
10. Urban Banks (Non B. R. Act)	..	..	541975	71000	..	..
11. Employees Credit ( do. )	..	..	202000	227000	..	..
12. Others ( do. )	..	..	31000	31000	37145	48000
13. Marketing Federation	61	116	118	101	101	33
14. Primary Marketing Societies	68404	149490	137633	136633	149151	157971
15. Poultry Societies	5022	6107	6245	8021	10766	..
16. Other Livestock	125	544	386	481	591	591
17. Joint Farming Societies	7847	6137	6152	6830	6615	6761

\* Urban Banks (B. R.) and Non B. R. Act.

## 11.2. (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)
18. Collective Farming	872	2492	2472	2638	2382	2408
19. Irrigation Societies	2060	2801	2947	2840	3061	3074
20. Other Industrial	453	3313	2133	2145	127	127
21. Consumer Federations	9	25	25	25	25	25
22. Wholesale Stores	43283	14032	14302	14623	26861	..
23. Primary Stores	118464	134856	134107	166700	284267	156373
24. College Central Stores	..	..	1275	1327	1423	1451
25. School and College	..	2107758	3083799	3454833	3800316	..
26. Housing (Federation)	..	..	120	153	196	196
27. Primary Housing	..	..	36516	48109	257007	69437
28. Labour Central Societies	..	..	14527	13372	18937	197435
29. Forest Labour Contract	..	1587	1217	1212	1183	..
30. Processing Societies	282	NA	512	318	318	273
31. Transport Societies	..	1951	2711	2734	2282	2132
32. Other non-credit (Agricultural)	670472	14513	73754	15993	91229	NA
33. Other non-credit (Non-agricultural)	..	61921	..	59406	..	NA
34. Girijan Societies	..	..	12724	15504	18240	23498
<b>Total</b>	<b>2684789</b>	<b>5512538</b>	<b>7764328</b>	<b>8704605</b>	<b>9903617</b>	<b>6482114</b>

Source:: Registrar of Co-operative Societies.

## 11.3.1. Operational details of Co-operative Societies—1978-79

(Amount in '000 Rs.)

Type of Society	Paid up share capital	Reserve and other funds	Deposits and borrowings	Working capital	Loans advanced	Loans outstanding
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Kerala State Co-operative Bank	24905	32747	465830	572925	393973	341437
2. District Co-operative Bank	123656	84596	1157762	1437101	660829	858875
3. Central Land Mortgage Bank	24631	15801	464278	525864	102707	393557
4. Primary Land Mortgage Bank	28647	6685	386893	448666	97644	390953
5. Primary Agricultural Credit Societies	225419	119592	154100	2461459	1389739	1301341
6. Primary Harijan Credit Societies	10646	851	2432	8662	1269	2465
7. Girijan Societies	870	416	1871	7309	1177	1549
8. Urban Banks (B.R. Act)	27021	18178	281810	400414	251963	197705
9. Employees Credit (B.R. Act)	34897	7424	122824	242839	141831	147091
10. Others	1811	2825	17511	78341	16052	11938
11. Marketing Federation	24838	9285	145511	334627	245	..
12. Primary Marketing Societies	11376	13567	25254	75908	9140	2221
13. Poultry Societies	432	191	378	1183	494	490
14. Other Livestock	9	..	..	31	..	..
15. Joint Farming Societies	364	961	7323	20341	5	49
16. Collective Farming	322	109	3799	3608	..	1729
17. Irrigation Societies	70	102	35	6943	..	..
18. Other Industrial	166	54	154	1647	25	32
19. Consumer Federations	6240	3141	12834	38765	..	..
20. Wholesale Stores	11363	7075	34716	73894	..	..
21. Primary Stores	7242	3323	16363	41957	..	..
22. College Stores (Central Stores)	80	459	161	1760	..	..
23. School and College	5353	1443	1126	23782	..	..
24. Housing (Federation)	9908	333	80625	94467	19397	65899
25. Primary Housing	14457	2815	84439	142616	32689	84576
26. Labour Contract Societies	937	1131	1088	12165	..	7
27. Forest Labour Contract	20	29	86	745	..	34
28. Processing Societies	274	433	48	772	..	..
29. Transport Societies	1713	6506	5540	23319	40	262
30. Other non credit (Agricultural)	11337	6323	17249	68200	2994	7263
31. Other non credit (Non-Agricultural)	..	..	..	..	..	..
<b>Total</b>	<b>609004</b>	<b>348395</b>	<b>4878941</b>	<b>7144060</b>	<b>3122213</b>	<b>3809473</b>

Source: Registrar of Co-operative Societies.

## 11. 3. 2.—Operational details of Co-operative Societies, 1979-80

(Amount in '000 Rs.)

Type of Society	Paid up share capital	Reserve & other funds (all resources)	Deposits and borrowings	Working capital	Loans advanced	Loans outstanding
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Kerala State Co-operative Bank	30049	38436	568528	706631	973041*	451259*
2. District Co-operative Bank	136208	100536	1403797	1734956	1207860*	1207860*
3. Central Land Mortgage Bank	27990	5294	611115	683666	174948	529359
4. Primary Land do.	34912	10173	482559	582247	180018	447421
5. Primary Agricultural Credit Societies	259371	138696	1978636	3065929	1691768	1713704
6. Harijan Societies	1333	1517	2728	10945	1662	2845
7. Girijan Societies	1041	440	2223	10661	1329	2190
8. Urban Banks (B. R. Act)	36174	18573	300679	423481	395901	230674
9. Employees Credit (B. R. Act)	3909	2477	19632	30315	13375	20861
10. Urban Banks (Non-B. R. Act)	2598	3106	39446	67870	57126	34022
11. Employees Credit (,,)	43657	13434	162640	305918	172873	170508
12. Others (Non-B. R. Act)	2369	3161	20096	83302	18719	14675
13. Marketing Federation	18709	13283	584018	220963	557	420
14. Primary Marketing Societies	16328	13461	30027	82722	9070	3343
15. Poultry Societies	446	16	236	1068	31	377
16. Other Livestock	9	..	..	33	..	..
17. Joint Farming Societies	339	662	9128	27006	5	157
18. Collective Farming	121	127	3241	3882	Nil	1729
19. Irrigation Societies	74	141	67	718	..	..
20. Other Industrial	166	101	216	1621	..	32
21. Consumer Federations	11330	931	16830	40673	..	..
22. Wholesale Stores	14461	2972	39644	93512	..	..
23. Primary Stores	7466	8954	14396	53216	..	..
24. Central Stores	196	41	204	2697	..	..
25. School and Colleges	5432	1757	809	25030	..	..
26. Housing (Federation)	12993	1842	118125	138269	37833	97365
27. Primary Housing	16800	1853	103529	164514	40815	105312
28. Labour Contract Societies	1207	752	1591	15081	104	48
29. Forest Contract	20	25	42	562	..	19
30. Processing Societies	273	433	46	752	..	..
31. Transport Societies	2125	5475	5293	26125	35	422
32. Other non-credit (Agricultural)	681	1409	1548	8201	316	2191
33. Other non-credit (Non-agricultural)	11825	8191	17490	66561	1942	6667
<b>Total</b>	<b>701662</b>	<b>398268</b>	<b>6538608</b>	<b>8685132</b>	<b>4973249</b>	<b>5043960</b>

\* Including cash credit

Source:—Registrar of Co-operative Societies

## 11. 3. 3.—Operational details of Co-operative societies, 1980-81

(Amount in '000 Rs.)

Type of Society	Paid up share capital	Reserve & other fund	Deposits and borrowings	Working capital	Loans advanced	Loans outstanding
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Kerala State Co-operative Bank	35929	46827	341565	878515	885788	601149
2. District Co-operative Bank	148628	133298	1733712	2064304	1608307	1480803
3. Central Land Mortgage Bank	35096	24237	806039	902284	233906	717342
4. Primary Land Mortgage Bank	48876	10574	258248	797132	227299	680986
5. Primary Agricultural Credit Societies	302985	149137	2425531	3729118	2032282	2133979
6. Farmers Service Societies	7651	3624	71115	114022	64294	64254
7. Primary Harijan Societies	1103	1461	4129	11746	2452	3897
8. Girijan Societies	1328	688	2435	12295	1408	2466
9. Urban Banks	42316	28740	423969	611603	476203	328592
10. Employees Credit (B. R. Act)	51438	20114	195906	327825	198381	225870
11. Others (,,)	2973	4390	28936	54378	16720	18760
12. Marketing Federation	21929	15573	83554	280153	2255	311
13. Primary Marketing Societies	20219	15978	41530	97414	10557	4010

## 11.3.3. (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)
14. Poultry Societies	464	54	393	1259	19	287
15. Other Livestock	14	..	..	41	..	..
16. Joint Farming Societies	1022	1015	33176	37271	..	16
17. Collective Farming	113	80	5410	5768	..	4
18. Irrigation Societies	76	54	58	735	..	..
19. Other Industrial	1	..	..	28	..	..
20. Consumer Federation	12480	741	18188	42236	..	25283
21. Wholesale Stores	16070	5630	49997	101553	..	9355
22. Primary Stores	7585	9496	12630	54113	..	7596
23. College Stores	742	41	286	2538	..	304
24. School and College	5561	2005	1395	29362	..	395
25. Housing (Federation)	19766	895	156625	179462	68182	155790
26. Primary Housing	26378	2619	161746	239566	61436	169206
27. Labour Contract Societies	1206	1517	3193	16226	96	68
28. Forest Contract	19	32	43	719	..	33
29. Processing Societies	273	433	46	720	..	..
30. Transport Societies	2294	8294	6994	25608	407	217
31. Other non-credit (Agrl.)	15516	11723	19178	88410	2187	11667
32. Other non-credit (Non-agrl.)	..	..	..	..	..	..
Total	830551	502570	7264239	10706404	5897679	6642710

## 11.3.4. Operational details of Co-operative Societies—1981-82

(Amount in '000 Rs.)

Type of Society	Paid up share capital	Reserve and other funds	Deposits and borrowings	Working capital	Loans advanced	Loans outstanding
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. State Co-operative Bank	42360	58248	973482	1163641	923980	651197
2. District Co-operative Bank	163201	132107	2045973	2619176	1028042	1306595
3. Central Land Mortgage Bank	39430	38177	960292	1088738	211548	859598
4. Primary Land Mortgage Bank	57481	13679	781570	950288	200146	816902
5. Primary Agrl. Credit Societies	328927	166309	2704875	4041670	2324113	2345664
6. Farmers Society	8688	1455	82581	133645	70866	78456
7. Harijan Society	3938	974	6799	24404	3538	5753
8. Girijan Society	1789	795	2783	16926	1642	3167
9. Urban Banks	43780	33756	479902	657781	478913	392440
10. Employees Credit Society	59608	10586	227198	421651	239722	256637
11. Others	3212	4069	26661	72668	24489	24056
12. Marketing Federation (general)	13214	839	15994	529423	..	..
13. Rubber Marketing Federation	10064	16691	151848	55559	..	..
14. Primary Marketing Society	26465	18303	41321	120265	11747	4512
15. Processing Society	273	433	49	944	..	..
16. Poultry Society	..	..	..	..	..	..
17. Other Livestock Society	14450	148	..	41303	..	..
18. Collective Farming	114	70	3935	4907	..	..
19. Joint Farming	569	720	48238	44357	..	..
20. Irrigation	80	88	59	742	..	..
21. Consumer Federation	12097	8171	16795	42027	..	24600
22. Wholesale Store	..	..	..	..	..	..
23. Primary Consumer Store	8743	10310	14908	66133	..	6600
24. School and College	..	..	..	..	..	..
25. Central Store	743	575	78	3091	..	756
26. Housing Federation	25474	710	229125	265604	..	..
27. Primary Housing	33825	2849	218682	319013	..	..
28. Other Industrial	1	8	3	12	..	..
29. Labour Contract	1253	1271	2905	20589	..	..
30. Forest Labour Contract	..	..	..	..	..	..
31. Transport	2338	5079	4815	21752	..	..
Total	902117	526420	904087	12726309	5518746	6776933

## XII. TRANSPORT AND COMMUNICATIONS

INDIAN COMMISSION

REPORT

1907



## XII. TRANSPORT AND COMMUNICATIONS

## 12.1. Length of Roads in Kerala

(In kilometres)

Type of road	1978-79	1979-80	1980-81	1981-82
<b>A. Highways</b>				
1. National Highways	836	837	839	839
2. (a) State Highways	2022	2028	2055	2079
(b) Other Public Works Department Roads	12432	12593	12783	13548
(c) Village Roads	1667	1943	2327	2041
(d) Panchayat Roads	68482	71952	73188	75161
(e) CD & NES Blocks	2905	..	..	..
<b>B. Urban Roads</b>				
Corporation Roads	1217	1217	1236	1485
Municipal Roads	3308	3899	3899	3899
Railways Roads	N.A.	85	85	85
Port Road	N.A.	35	35*	35*
Others	..	93	93	93
<b>Project Roads</b>				
Forest	1391	1391	1412	1412
Irrigation	N.A.	582	582	582
Electricity (Civil wing)	N.A.	96	96*	105*
Others	..	324	324	324
<b>Total</b>	<b>94260</b>	<b>97080</b>	<b>98955</b>	<b>101679</b>

\* Provisional

Source:—Concerned Authorities

## 12.2.1. District-wise Length of P. W. D. Roads

(In kilometres)

District	State Highways			Major District Roads			Other District Roads			Village Roads			Total		
	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Trivandrum	117	117	117	281	282	281	1018	1018	1018	71	71	91	1487	1488	1507
Quilon	275	270	269	658	696	696	1260	1267	1483	201	230	15	2394	2463	2463
Alleppey	190	182	195	222	243	244	792	832	937	12	..	..	1216	1257	1376
Kottayam	259	288	258	651	651	651	842	856	898	..	..	37	1751	1765	1844
Idukki	328	371	371	431	507	483	540	434	450	24	..	..	1323	1312	1304
Ernakulam	186	186	186	350	801	813	775	724	800	3	76	..	1814	1787	1799
Trichur	186	186	199	490	490	502	618	671	663	71	72	55	1365	1419	1419
Palghat	143	149	142	595	595	596	281	281	281	193	276	295	1212	1295	1314
Malappuram	161	161	161	399	399	399	267	285	310	242	308	314	1069	1153	1184
Kozhikode	99	57	62	629	339	334	133	125	210	527	451	426	1388	972	1032
Wynad	..	40	35	..	325	332	..	116	51	..	36	124	..	517	532
Cannanore	85	84	84	338	322	322	523	524	804	604	807	684	1550	1737	1894
<b>State</b>	<b>2028</b>	<b>2055</b>	<b>2079</b>	<b>5544</b>	<b>5650</b>	<b>5643</b>	<b>7049</b>	<b>7133</b>	<b>7905</b>	<b>1948</b>	<b>2327</b>	<b>2041</b>	<b>16569</b>	<b>17165</b>	<b>17668</b>

**12.2.2. Division-wise length of roads maintained by Public Works Department as on 1-4-1982**

(In kilometres)

Name of Division	Cement concrete	Black topped	Water bound macadam	Others	Total
Trivandrum	..	1326	129	52	1507
Quilon	2	1752	486	223	2463
Alleppey	14	1280	12	70	1376
Kottayam	15	1369	119	341	1844
Idukki	..	895	73	336	1304
Moovattupuzha	..	932	106	89	1127
Ernakulam	1	557	76	38	672
Trichur	3	1295	35	86	1419
Palghat	..	1009	223	82	1314
Manjeri	..	826	30	328	1184
Calicut	..	576	127	329	1032
Wynad	..	470	10	52	532
Cannanore	3	1212	74	605	1894
<b>Total</b>	<b>38</b>	<b>13499</b>	<b>1500</b>	<b>2631</b>	<b>17668</b>

**12.2.3. Surface-wise length of P.W.D. Roads**

(In kilometres)

Classification of Roads	Cement concrete			Black topped			Water bound macadam		
	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
State Highway	27.547	28.00	28.00	1996.661	2027.00	2051.00	4.00	..	..
Major District Roads	8.617	9.00	10.00	5136.506	5356.00	5330.00	261.620	227.00	189.00
Other District Roads	0.950	..	..	4641.460	4963.00	5765.00	1356.868	1070.00	971.00
Village Roads	..	..	..	386.693	569.00	353.00	485.992	567.00	340.00
<b>Total</b>	<b>37.114</b>	<b>37.00</b>	<b>38.00</b>	<b>12161.320</b>	<b>12915.00</b>	<b>13499.00</b>	<b>2108.480</b>	<b>1864.00</b>	<b>1500.00</b>

**12.2.3 (Contd.)**

Classification of Roads	Others			Total		
	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82
(1)	(11)	(12)	(13)	(14)	(15)	(16)
State Highway	..	..	..	2028.208	2055.00	2079.00
Major District Roads	137.275	58.00	114.00	5544.018	5650.00	5643.00
Other District Roads	1049.428	1100.00	1169.00	7048.706	7133.00	7905.00
Village Roads	1075.809	1191.00	1348.00	1948.494	2327.00	2041.00
<b>Total</b>	<b>2262.512</b>	<b>2349.00</b>	<b>2631.00</b>	<b>16569.426</b>	<b>17165.00</b>	<b>17668.00</b>

**12.2.4. Details of Roads Maintained by Municipalities, 1979-80**

(In kilometres)

District	Cement or concrete	Black topped	Water bound macadam	Lower type	Total
(1)	(2)	(3)	(4)	(5)	(6)
Trivandrum	5.715	225.185	77.715	242.615	551.230
Quilon	0.651	48.767	50.878	212.205	312.501
Alleppey	0.520	9.802	25.019	284.308	319.649
Kottayam	2.543	136.446	26.964	83.899	249.852
Idukki	..	6.790	9.669	40.950	57.409
Ernakulam	34.744	414.940	216.227	372.984	1038.895
Trichur	11.912	193.263	71.641	197.995	474.811
Palghat	12.607	96.469	92.425	55.821	257.322
Malappuram	0.065	9.510	11.460	162.495	183.530
Kozhikode	2.052	103.875	22.502	154.749	283.178
Cannanore	0.236	111.757	14.630	44.313	170.936
<b>State</b>	<b>71.045</b>	<b>1356.804</b>	<b>619.130</b>	<b>1852.334</b>	<b>3899.313</b>

## 12.2.5 Roads maintained by Panchayats in Kerala

(In kilometres)

Year	Black topped	Gravelled	Earthen	Total
(1)	(2)	(3)	(4)	(5)
1975-76	1735	12685	40996	55416
1978-79	3038	28299	37145	68482
1979-80	2512	22344	47096	71952
1980-81	3854	19860	49474	73188
1981-82	2800	25783	46578	75161

Source: Directorate of Panchayats.

## 12.2.6 Details of roads maintained by Panchayats (District-wise)

(In kilometres)

District	1978-79				1979-80			
	Black topped	Metalled	Earthen	Total	Black topped	Metalled	Earthen	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	164.060	1744.180	3902.446	5810.686	208.493	1586.455	4818.875	6613.823
Quilon	301.304	6094.528	6597.050	12992.882	92.260	4704.940	9286.820	14084.020
Alleppey	190.382	3067.411	1632.444	4890.237	84.029	2417.977	2748.294	5250.300
Kottayam	110.496	1333.660	3256.798	4700.954	194.261	648.110	3306.978	4149.349
Idukki	18.550	3383.910	2686.900	6089.360	192.575	643.150	3317.491	4153.216
Ernakulam	141.294	1540.321	3345.608	5027.223	143.623	1792.305	3247.793	5183.721
Trichur	266.610	398.119	3615.740	7865.459	299.826	4197.639	3885.376	8382.841
Palghat	496.769	995.618	2184.171	3676.558	72.444	919.975	3221.199	4213.618
Malappuram	364.081	1075.239	2693.403	4132.723	551.836	1004.964	2517.904	4074.704
Kozhikode	450.458	2266.264	2064.504	4781.226	507.076	1690.912	5500.423	7698.411
Cannanore	534.297	2814.704	5166.277	8515.278	165.746	2737.570	5244.720	8148.036
State	3038.301	28298.954	37145.341	68482.596	2512.169	22343.997	47095.873	71952.039

## 12.2.6 (Contd.)

District	1980-81				1981-82			
	Black topped	Gravelled	Earthen	Total	Black topped	Gravelled	Earthen	Total
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Trivandrum	283.620	1801.840	5449.475	7534.935	227.548	2021.160	4510.867	6759.575
Quilon	102.379	2447.778	10016.922	12567.079	293.568	5269.818	8932.699	14496.085
Alleppey	751.234	4615.783	3773.017	9140.034	75.776	3446.869	3148.253	6670.899
Kottayam	886.571	605.468	1535.116	3027.155	36.017	8070.313	3916.078	4759.408
Idukki	40.055	684.422	5875.928	6609.405	151.200	696.325	3479.318	4326.843
Ernakulam	129.338	1852.720	3810.930	5792.988	116.986	1703.922	3792.544	5613.452
Trichur	715.929	864.385	4734.717	6315.031	399.840	4056.847	3995.538	8452.225
Palghat	252.580	1245.927	2568.462	4066.969	705.794	1030.709	2774.924	4511.427
Malappuram	168.765	1243.030	2597.602	4009.397	199.424	1190.706	3053.823	4443.953
Kozhikode	289.601	1145.692	3958.616	5393.909	255.227	1615.596	2281.366	4152.189
Wynad					121.642	378.326	1128.521	1628.489
Cannanore	233.466	3353.452	5153.656	8740.574	216.641	3565.442	5564.570	9346.653
State	3853.538	19860.497	49474.441	73188.476	2799.663	25783.033	46578.501	75161.197

Source:—Directorate of Panchayats.

**12.2.7 District-wise length of roads under Irrigation Department in the State of Kerala  
as on 31-3-1981**

District	Surfaced/Metalled		Cement concrete	Unsurfaced/Unmetalled		Total
	Water bound Macadam	Black topped		Motorable	Non Motorable	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	1.140	4.355	Nil	Nil	Nil	5.495
Quilon	6.395	13.960	Nil	9.470	Nil	29.825
Alleppey	3.270	1.000	Nil	30.159	Nil	34.429
Kottayam	Nil	1.870	Nil	Nil	Nil	1.870
Idukki	Nil	1.840	Nil	Nil	Nil	1.840
Ernakulam	111.547	7.505	Nil	50.867	Nil	160.919
Trichur	12.077	6.783	Nil	24.690	6.610	50.160
Palghat	60.570	42.930	Nil	34.260	10.250	148.010
Malappuram	2.921	1.734	Nil	2.247	0.660	7.562
Kozhikode	..	15.500	Nil	48.195	Nil	63.695
Cannanore	15.170	20.477	Nil	29.226	4.790	69.663
State	213.070	117.954	Nil	229.114	22.310	582.468

Source:—Irrigation Department.

**12.3 Length of railways in Kerala**

(In kilometres)

Year	Broad gauge	Metre gauge	Mixed gauge	Total
(1)	(2)	(3)	(4)	(5)
1970—71	544.59	336.54	5.00	886.13
1978—79	770.65	112.70	3.00	886.35
1979—80	803.65	112.70	..	916.35
1980—81	803.65	112.70	..	916.35*
1981—82	803.65	112.70	..	916.35*

\*Provisional.

Source: Chief Engineer, Southern Railways.

**12.4.1 No. of motor vehicles on road in Kerala**

Year	Goods vehicles	Stage carriages	Taxi Cars	Motor Cars	Auto Rickshaws	Tractor Trailors	Jeeps	Motor Cycles	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1960—61	5123	3511	1485	11611*	..	..	NSA	2064	681	24480
1970—71	13162	6563	8848	33294*	1062	2046	NSA	15117	6142	86234
1975—76	15882	8268	11532	40667	3734	3594	6420	26110	1819	118076
1978—79	18527	8120	15195	50103	5715	4087	6919	43636	2243	154595
1979—80	21121	8705	17780	54381	7397	1864	7023	50943	5490	174704
1980—81	24682	9159	18890	56802	9640	1853	7834	59531	6206	194597
1981—82	27664	11030	21569	60412	12727	1946	9030	70498	5857	220733

\*Include Private Car and Jeep.

NSA.—Not Separately available.

Source:—Regional Transport Office.

## 12.4.2. Number of different kinds of motor vehicles on road in Kerala (District-wise)

District	Years	Goods vehicles	Stage carriages	Taxi cars	Motor cars	Motor cycles	Auto rickshaws	Tractor Trekker	Jeeps	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Trivandrum	1977-78	2032	142	1804	10303	8570	341	138	1566	400	25296
	1978-79	2082	189	2180	10701	9938	465	167	1625	536	27883
	1979-80	2284	189	2299	11536	11426	772	91	1693	846	31136
	1980-81	2981	189	2356	12672	13148	1038	143	1737	923	35187
	1981-82	3232	457	2393	13341	14814	1465	150	1860	758	38470
Quilon	1977-78	2078	390	1552	4971	2783	86	107	473	91	12531
	1978-79	2136	345	1802	5422	3368	125	120	560	100	13978
	1979-80	2570	405	2168	6758	4845	278	120	645	239	18028
	1980-81	2956	439	2244	6534	5217	358	127	698	288	18853
	1981-82	3362	541	2339	7099	5984	393	131	757	273	20779
Alleppey	1977-78	888	313	1213	3762	3027	211	170	208	55	9847
	1978-79	935	308	1400	4086	3424	249	167	210	63	10842
	1979-80	1103	323	1654	5101	4267	300	48	245	315	13356
	1980-81	1280	333	1896	5464	5364	515	38	282	374	15549
	1981-82	1532	459	2108	5720	6108	623	18	294	270	17132
Kottayam	1977-78	1511	458	1511	2672	1719	341	46	97	62	8417
	1978-79	1729	431	1227	2962	2016	375	73	191	60	9062
	1979-80	2118	463	1531	3090	2498	504	81	297	269	10851
	1980-81	2497	498	1821	3214	3060	649	83	467	358	12647
	1981-82	2887	716	2059	3366	3827	937	88	566	442	14838
Idukki	1977-78	604	101	311	919	543	3	242	867	146	3736
	1978-79	599	106	584	966	610	4	256	563	152	3810
	1979-80	1020	116	649	956	628	6	195	413	239	4222
	1980-81	1051	122	666	1050	800	14	194	487	272	4656
	1981-82	1233	212	823	1088	924	37	159	599	244	5319
Ernakulam	1977-78	3103	682	1798	7519	8089	908	432	573	436	23590
	1978-79	3325	723	1784	9802	9688	1390	451	603	505	28271
	1979-80	4018	819	2016	10082	10537	1474	354	686	764	30750
	1980-81	4504	864	2053	10321	12502	1826	360	816	882	34128
	1981-82	4527	1107	2078	10622	14767	2226	371	760	818	37276
Trichur	1977-78	1610	859	2044	3360	4229	421	477	255	224	13479
	1978-79	1758	909	2144	3826	4936	511	502	296	240	15722
	1979-80	2045	931	2201	4000	5695	681	400	311	445	16712
	1980-81	2460	958	2266	4276	7065	804	365	356	533	19083
	1981-82	2796	1142	3312	4577	8042	1199	294	288	487	22137
Palghat	1977-78	1020	378	975	2586	3106	387	1527	282	71	10332
	1978-79	795	391	853	2723	3278	391	1383	264	77	10155
	1979-80	889	395	393	2860	3607	405	266	293	1245	10853
	1980-81	1055	401	887	2883	4015	468	277	308	1362	11656
	1981-82	1312	536	920	3598	5355	620	293	355	1401	14300
Malappuram	1977-78	735	380	1032	2009	667	81	279	184	81	5448
	1978-79	837	416	1427	2061	724	142	280	123	142	6153
	1979-80	934	438	1381	2204	818	210	28	133	417	6563
	1980-81	1167	492	1837	2324	1059	328	33	238	448	7926
	1981-82	1216	586	2012	2487	1305	458	36	425	444	8969
Kozhikode	1977-78	3011	835	619	4793	3389	724	483	2011	188	16558
	1978-79	2675	733	745	4508	3866	760	482	1854	148	15901
	1979-80	2361	765	1390	4527	4194	1007	190	1679	404	16517
	1980-81	2580	751	1126	4701	4405	1439	142	1728	458	17330
	1981-82	2713	778	1395	4897	5472	1424	82	1783	372	18906

## 12.4.2. (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Wynad	1981-82	488	27	362	148	362	109	231	550	22	2319
Cannanore	1977-78	1598	716	1074	2648	1561	1140	183	534	180	9634
	1978-79	1650	594	1079	2937	1836	1303	196	567	189	10451
	1979-80	1773	723	1593	3259	2421	1760	91	595	266	12481
	1980-81	2145	726	1738	3352	2892	2201	91	684	267	14096
	1981-82	2360	934	1778	3551	3614	3236	93	760	286	16612
K. S. R. T. C.	1977-78	6	2739	..	9	..	..	..	32	39	2825
	1978-79	6	2875	..	10	4	..	..	33	39	2967
	1979-80	6	3138	..	8	4	..	..	33	41	3230
	1980-81	6	3394	..	8	4	..	..	33	41	3486
	1981-82	6	3535	..	8	4	..	..	33	40	3626
State	1977-78	18196	7993	13933	45556	38183	4643	4084	7082	2023	141693
	1978-79	18527	8120	15195	50104	43686	5715	4077	6919	2252	154595
	1979-80	21121	8705	17780	54381	50943	7397	1864	7023	5490	174704
	1980-81	24682	9159	18890	56802	59531	9640	1853	7834	6206	194597
	1981-82	27664	11030	21569	60412	70498	12727	1946	9030	5857	220733

Source: Transport Commissioner.

## 12.5. Kerala State Road Transport Corporation Financial Results

(Rs. in lakhs)

Item	1977-78	1978-79	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)
1. Gross Revenue receipts	4327.85	4734.47	5274.44	6116.32	6933.35
2. Revenue expenditure	3963.65	4906.50	5325.54	6056.83	7860.54
3. Gross margin	+364.21	-171.83	-30.10	+59.49	-927.19
4. Depreciation	256.27	277.73	325.91	378.82	412.38
5. Net margin	+107.94	-449.06	-356.01	-319.33	-1339.57
6. Interest on capital payable to the Government of Kerala and Railways	121.93	140.53	167.93	54.16	194.58
7. Provision for development rebate reserve for land doubtful debts—debt charges including interest on public loan and bonus etc.	210.29	199.02	321.61	392.61	462.65
8. Net profit/loss	-224.28	-788.61	-345.25	-766.10	-1996.80
9. Provision for sinking fund	21.00	21.00	21.00	..	..
10. Provision for income tax	..	..	..	..	..
11. Net surplus/deficit	-245.28	-809.61	-866.25	-766.10	-1996.80
12. Net capital employed as on the last day for the year	3007.81	3558.81	4061.74	4710.31	5093.04
13. Percentage of net margin of net capital	3.59	12	-8.80	-6.80	-2.60

Source: Kerala State Road Transport Corporation.

## 12. 6. Unit-wise details of Gross kms., Effective kms., Dead kms. operated for the year from 1977-78 to 1979-80

No.	Units	Gross kms. operated during			Dead kms. operated as on			Effective kms. operated		
		1977-78	1978-79	1979-80	1977-78	1978-79	1979-80	1977-78	1978-79	1979-80
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Neyyattinkara	5941056	7599011	9384734	30896	34597	36994	5910160	7555014	9347741
2	Trivandrum Central	28842313	17336938	16563547	133982	30577	33887	28708331	17306361	16529660
3	Attungal	..	4728979	5031400	..	11382	10679	..	4717597	5020721
4	Vizhinjam	..	3595512	3494400	..	6593	6062	..	3588919	3488338
5	Trivandrum City	12928584	9550594	10437217	253319	186191	194645	12679265	9364443	10242572
6	Pappanamcode	..	3281567	3864764	..	32397	42736	..	3249170	3822028
7	Nedumangad	2146413	6473886	7022153	2755	19384	42238	2143658	6454505	6979915
8	Quilon	12488724	12613717	13135060	18620	136793	163486	12470104	12476924	12966574
9	Kottarakkara	1638067	7384003	7198292	91753	68678	83345	15289214	7315325	71114947
10	Punalur	..	4575289	4558452	..	42461	..	..	4575289	4558452
11	Pathanamthitta	..	2910935	3239696	..	42034	53425	..	2868474	3486273
12	Kayamkulam	7756405	7468209	7854120	22340	31688	36795	7735565	7426175	7817305
13	Chengannur	2184813	6134799	5948105	10054	39121	36201	2174559	6103111	5911904
14	Thiruvalla	..	5041023	5713123	..	125756	34285	..	5001902	5679038
15	Changanacherry	..	5446611	5313490	..	94290	5856	..	5446611	5307634
16	Kottayam	30822468	21311426	10018254	216974	49022	71638	30605494	11085676	9947216
17	Ponkumnan	..	193579	1823983	..	3485	40635	..	193569	1783348
18	Palai	..	4718995	5767785	..	313783	44298	..	4624475	5723487
19	Alleppey	10839392	9252563	9868377	28367	83762	10802	10800825	9203541	9857575
20	Sherattalai	..	2695844	2988540	..	23626	25177	..	2692359	2963363
21	Ernakulam	12544606	9996470	9570805	133376	120204	234455	12411230	9682687	9336350
22	Muvattupuzha	1700101	4838003	5024240	3031	23123	33376	1691070	4799321	4935264
23	Perumbavoor	..	2920341	4672070	..	26122	21863	..	2896715	4650201
24	Alwaye	13309018	7637056	7793597	204735	41493	44852	13104283	7516852	7748745
25	Trichur	25154051	11515748	1039114	63808	10574	57751	25090243	11486625	10081363
26	Guuvayoor	..	3536730	3622994	..	36749	29812	..	3510608	3593182
27	Chalakkudy	..	3655490	4239035	..	172737	41505	..	3613935	4197530
28	Perinthalmanna	..	1258354	2891229	..	196228	47897	..	1238899	2843332
29	Ponnani	..	1077883	2184418	..	100363	16883	..	1067314	2167535
30	Palghat	..	6753310	7315124	..	75847	30206	..	6810561	7184918
31	Kozhikode	23324591	12872581	12167805	431646	481497	54753	22892945	12699844	12113047
32	Sultan Battery	..	5640480	6027289	..	..	152537	..	5444192	5874752
33	Cannanore	2393335	6008958	6713226	39230	..	92854	2301105	6408590	6620372
34	Payyannur	..	4418646	4681120	..	..	79050	..	4342799	4602070
35	Workshop	425284	484497	..	..	..	..	..	..	..
	Total	208127727	215419112	226167760	1702586	2644476	1921009	205999851	212774636	224246752

Source: Administration Reports of K. S. R. T. C.

## 12. 7. Unit-wise details of number of routes, and Route kms.

Sl. No.	Units	No. of Routes as on				Route Kms. as on			
		31.3.1978	31.3.1979	31.3.1980	31.3.1981	31.3.1978	31.3.1979	31.3.1980	31.3.1981
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	Neyyattinkara	152	173	230	230	4065	4578	7980	7980
2	Trivandrum Central	314	147	130	146	15162	9582	10037	9064
3	Attingal	..	130	136	140	..	4599	4813	4908
4	Vizhinjam	..	38	38	38	..	1154	1154	1154
5	Trivandrum City	680	559	542	573	8140	6636	8040	8679
6	Pappanamcode	..	157	168	169	..	1662	2030	2034
7	Nedunangad	138	150	150	150	4976	5596	5596	5596
8	Quilon	160	166	166	166	8286	8873	8873	8873
9	Kottarakkara	333	152	151	151	13926	6651	6651	6651
10	Punalur	..	113	113	113	..	4612	4612	4612
11	Pathanamthitta	..	71	86	89	..	2684	3214	3275
12	Kayamkulam	108	120	131	131	4233	4897	4031	4031
13	Chengannur	147	147	145	145	4956	4956	4797	4797
14	Thiruvalla	..	148	160	140	..	6028	6320	6320
15	Changanacherry	..	145	145	145	..	3445	3448	3448
16	Kottayam	469	190	186	174	22253	9689	9323	9312
17	Ponkunnam	..	9	20	20	..	1998	2367	2367
18	Palai	..	106	106	111	..	4452	4462	5174
19	Alleppey	153	126	126	126	4826	5130	5130	5130
20	Shertallai	..	63	63	63	..	2032	2030	2030
21	Ernakulam	143	145	148	140	9690	9914	9964	8630
22	Muvattupuzha	86	78	78	73	4484	4309	4309	4108
23	Perumbavoor	..	52	49	49	..	2459	2182	2182
24	Alwaye	312	122	122	122	4663	4484	4484	4484
25	Trichur	222	100	100	100	16535	6349	6375	6375
26	Guruvayur	..	35	35	35	..	3041	3041	3041
27	Chalakydy	..	78	79	79	..	2494	2554	2603
28	Perinthalmanna	..	22	20	20	..	3442	3402	3402
29	Ponnani	..	15	19	19	..	1828	2006	2006
30	Palghat	..	51	51	51	..	6325	6325	6325
31	Kozhikode	..	80	80	80	13457	10095	10095	10095
32	Sultan Battery	..	60	63	66	..	3523	3757	3837
33	Cannanore	55	55	54	34	6081	5691	5663	5668
34	Payyannur	..	43	43	46	..	2996	2996	3070
35	Workshop	..	..	..	..	..	..	..	..
Total		3340	3470	3580	3729	145434	153741	158690	171281

Source: K.S.R.T.C.

## 12. 8. Number of Post Offices in Kerala

Year	Head Offices	Departmental Sub-offices	Extra-departmental Sub-offices	Extra-departmental branch and mobile Post offices	Total
(1)	(2)	(3)	(4)	(5)	(6)
1970-71	25	1029	29	2776	3859
1975-76	31	1216	17	2780	4044
1978-79	36	1278	676	2364	4354
1979-80	44	1283	689	2470	4486
1980-81	50	1287	802	2442	4581
1981-82*	51	1313	797	2487	4648

\* Provisional.

Source: Post Master General, Kerala.



## 12.9.1. Number of Telephone Exchanges and Telephone connections in Kerala

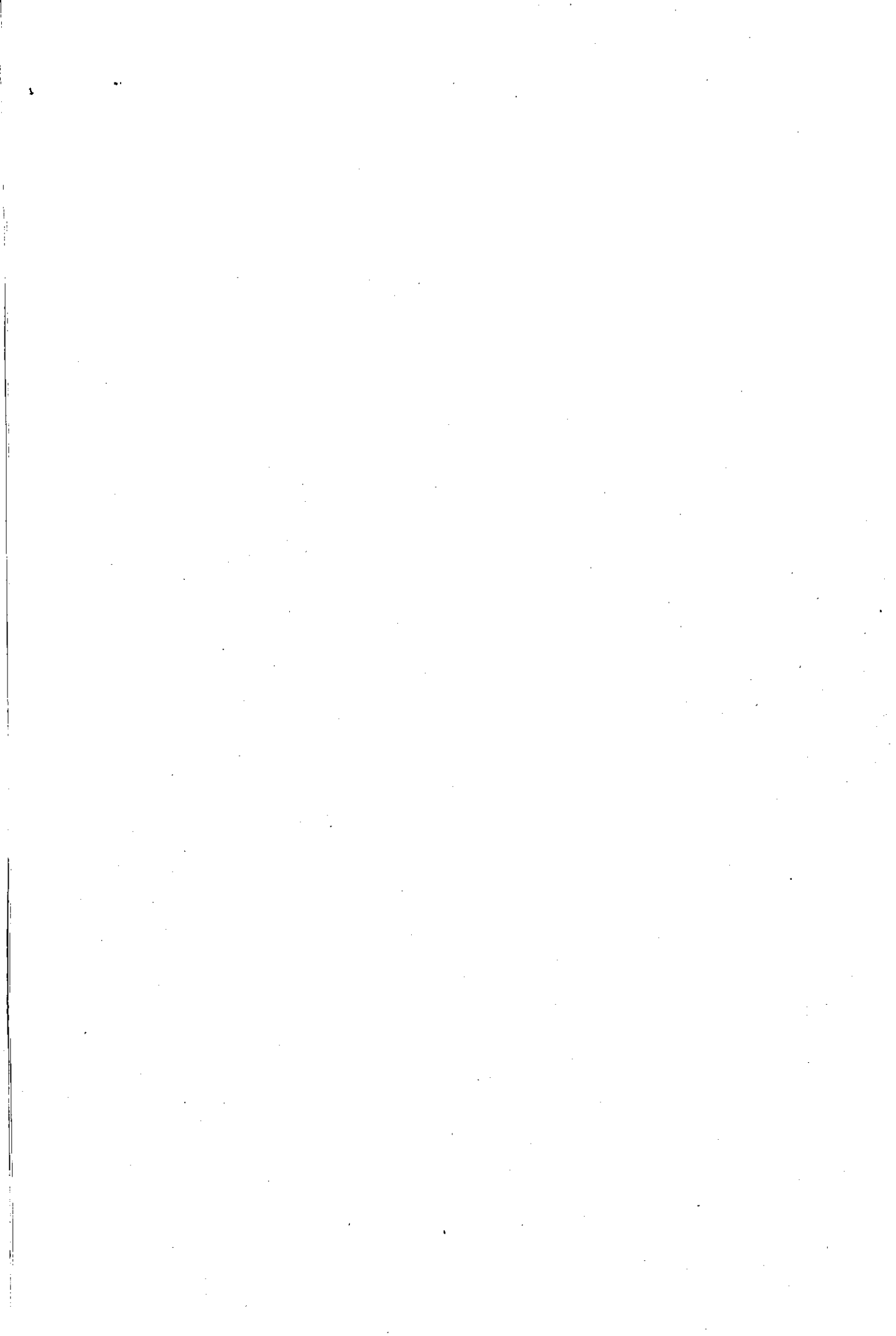
Year	No. of Telephone Exchanges	No. of working Telephone connections	Public Call Offices
(1)	(2)	(3)	(4)
1970-71 ..	234	37989	N.A
1978-79 ..	413	87174	196
1979-80 ..	442	94226	2292
1980-81 ..	463	93302	2298
1981-82* ..	491	99753	2410

\* Provisional.

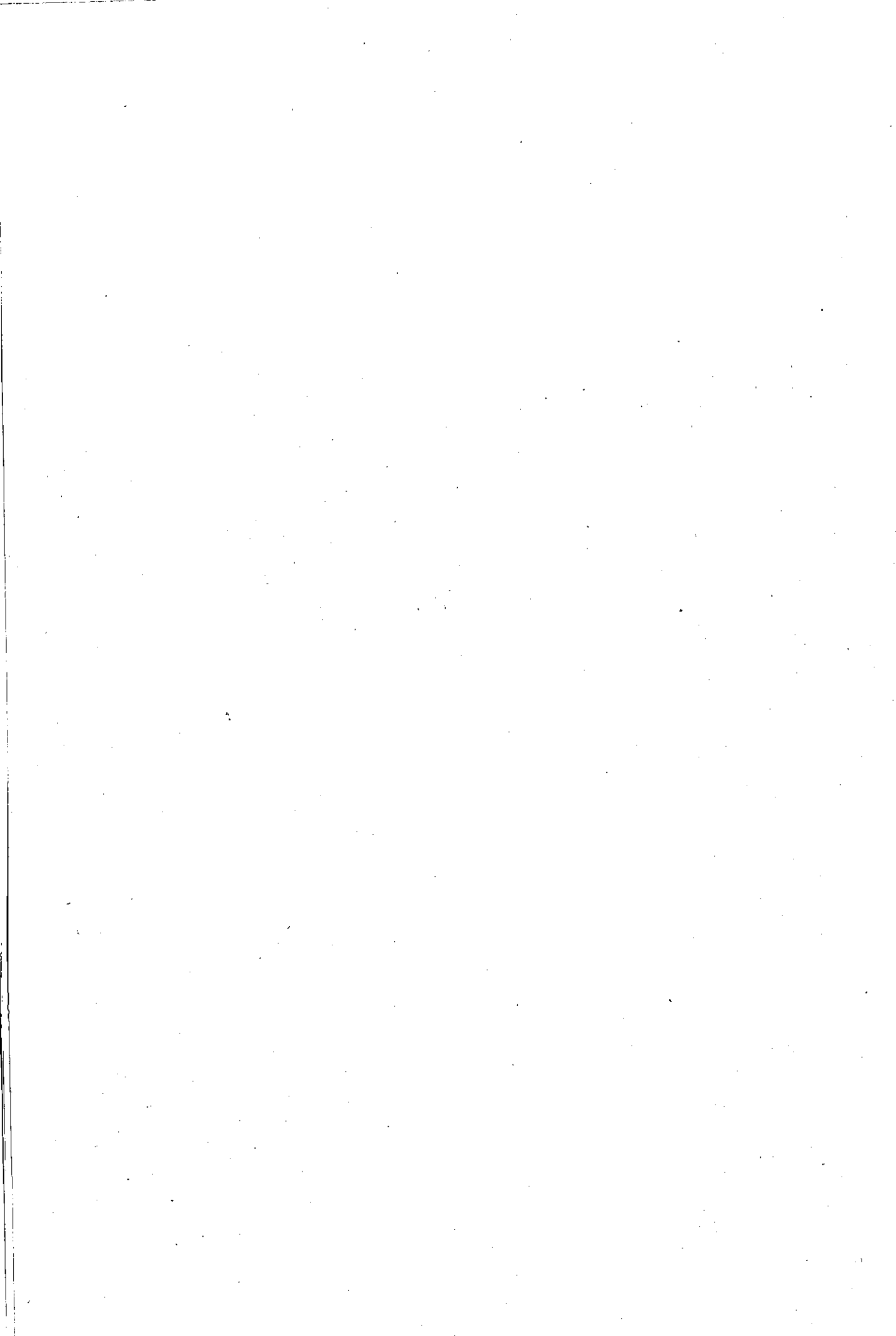
## 12.9.2. Telegraphic Traffic

Item	1975-76	1978-79	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)
1. No. of Central Telegraph Offices	11	12	13	13	14
2. No. of departmental Telegraph Offices	1	1	1	1	1
3. No. of Combined Offices working on Teleprinters	..	34	40	41	43
4. No. of Combined Offices work:	1012				
(a) Morse	..	760	799	812	828
(b) Phonocom	--	859	1063	1108	1103
5. No. of non-press telegrams booked:					
(a) Inland ( '000 Nos.)	2690	2810	2889	2880	2919
(b) Foreign ( '000 Nos.)	145	153	157	153	187
6. No. of press telegrams booked:					
(a) Inland	13804	15538	13701	15998	11203
(b) Foreign	420	318	284	225	268
7. No. of telegrams received for delivery	2932000	3055633	3378087	3309283	3099351
8. No. of Transit telegrams ( '000 Nos.)	5778	6011	6152	6557	6415
9. Revenue Collected (Rs. in lakhs)	166	208	220	228	256

Source: Telecommunication.



### XIII. POWER



## XIII. POWER

## 13.1. Installed power capacity in Kerala

(in M. W.)

Year	Hydro	Diesel	Total	Remarks
1970-71	546.50	..	546.50	
1975-76	751.50	3.10	754.60	
1979-80	1011.5	..	1011.5	
1980-81	1011.5	..	1011.5	
1981-82	1011.5	..	1011.5	
1982-83	1011.5	..	1011.5	

Source : K. S. E. Board, Trivandrum.

## 13.2.1. Generation of Electricity in Kerala

(In Million units)

Year	Hydro	Diesel	Total
1970-71	2125.99	..	2125.99
1975-76	2783.28	..	2783.28
1979-80	5118.6180	..	5118.680
1980-81	5241.6237	..	5241.6237
1981-82	5539.3	..	5539.3
1982-83	4487.7	..	4487.7

Source : K. S. E. Board, Trivandrum.

## 13.2.2. Generation of power at different stations 1980-81

Station	Million units
Pallivasal	233.9150
Chenkulam	156.3420
Panniyar	106.6347
Neriyamangalam	243.7660
Sholayar	184.6608
Perungalkuthu	178.3282
Kuttiadi	256.8920
Sabarigiri	1267.8100
Idikki	2613.2790
Total	5241.6237

Source : Power system statistics 1981.

## 13.3. Category-wise sales of energy in Kerala

(Sales in MW Lh)

Category	1970-71	1975-76	1978-79	1979-80	1980-81	1981-82
1. Domestic	80.71	200.85	282.47	354.03	442.98	548.89
2. Commercial	65.62	104.48	143.85	157.97	184.94	225.58
3. Industrial LT	111.30	178.29	197.58	205.20	208.21	206.44
4. Industrial HT and EHT	1114.11	1282.76	1542.58	1432.33	1704.69	1669.65
5. Public lighting	20.07	34.25	34.90	35.54	41.69	63.68
6. Agricultural	40.91	120.32	85.83	80.38	79.71	88.19
7. Water works	8.66	17.58	29.66	32.04	36.80	44.37
8. Licensees	78.24	76.75	102.15	86.87	68.32	64.65
9. Export	339.09	302.52	2097.19	1933.82	1732.53	1777.85
10. Total	1858.71	2317.80	4516.53	4318.13	4499.86	4689.30

L. T.—Low tension

EHT—Extra high tension

H. T.—High tension.

Source : Electricity Board.

## 13.4. Number of consumers of Electricity in Kerala during the year 1979-80 to 1982-83

Sl. No.	Name of division	No. of consumers			
		1979-80	1980-81	1981-82	1982-83
1.	Trivandrum	74826	80007	87715	92658
2.	Attingal	42020	49387	58687	63368
3.	Nedumangad	49901	59611	71367	76738
4.	Quilon	51105	59241	67476	71683
5.	Karunagappalli	28910	36292	42210	45209
6.	Kottarakara	..	39303	47940	53356
7.	Adoor	37860	31953	37306	40934
8.	Pathanamthitta	26913	32462	36930	40154
9.	Pallam	33324	46918	52350	55327
10.	Ponkunnam	27167	31846	37049	39174
11.	Vaikom	42528	48992	57217	33973
12.	Kulamavu	16345	23986	29404	32084
13.	Alleppey	40194	47047	53009	57107
14.	Mavelikara	46115	36090	40769	44019
15.	Sherthallai	..	30684	34207	36964
16.	Chengannur	37749	34934	38354	41499
17.	Ernakulam	50361	54833	60132	64957
18.	Trippunithura	30604	37923	42343	46273
19.	Alwaye	46006	49623	56092	60488
20.	Petumbavoor	42002	48939	57532	61122
21.	Muvattupuzha	31782	42700	47544	50625
22.	Trichur	50461	57473	68336	73165
23.	Kunnankulam	41575	48957	56149	60862
24.	Chalakudy	31124	36892	42694	46100
25.	Irinjalakuda	53370	62836	73220	79940
26.	Palai	..	..	..	28863
27.	Palghat	54536	62474	74026	79560
28.	Chittur	43302	47891	54520	57727
29.	Manjeri	24004	33378	42053	47025
30.	Tirur	26937	37704	49240	56695
31.	Kozhikode	56326	63890	72516	76823
32.	Kozhikode (Rural)	29302	43369	53155	41936
33.	Kalpetta	..	..	..	16534
34.	Tellicherry	46954	53083	62238	68427
35.	Kasargode	23292	27853	34016	38447
36.	Cannanore	61745	70754	81887	89501
	Total	1324421	1569325	1819683	1969231

Source: K. S. E. Board, Trivandrum.

## 13.5 Number of Villages electrified in Kerala

Year	No. of villages electrified (cumulative number)
1979-80	1268/1268
1980-81	1268/1268
1981-82	1268/1268
1982-83	1268/1268

Source: K. S. E. Board, Trivandrum.

## 13.6. Progress of Rural Electrification in Kerala (District-wise)

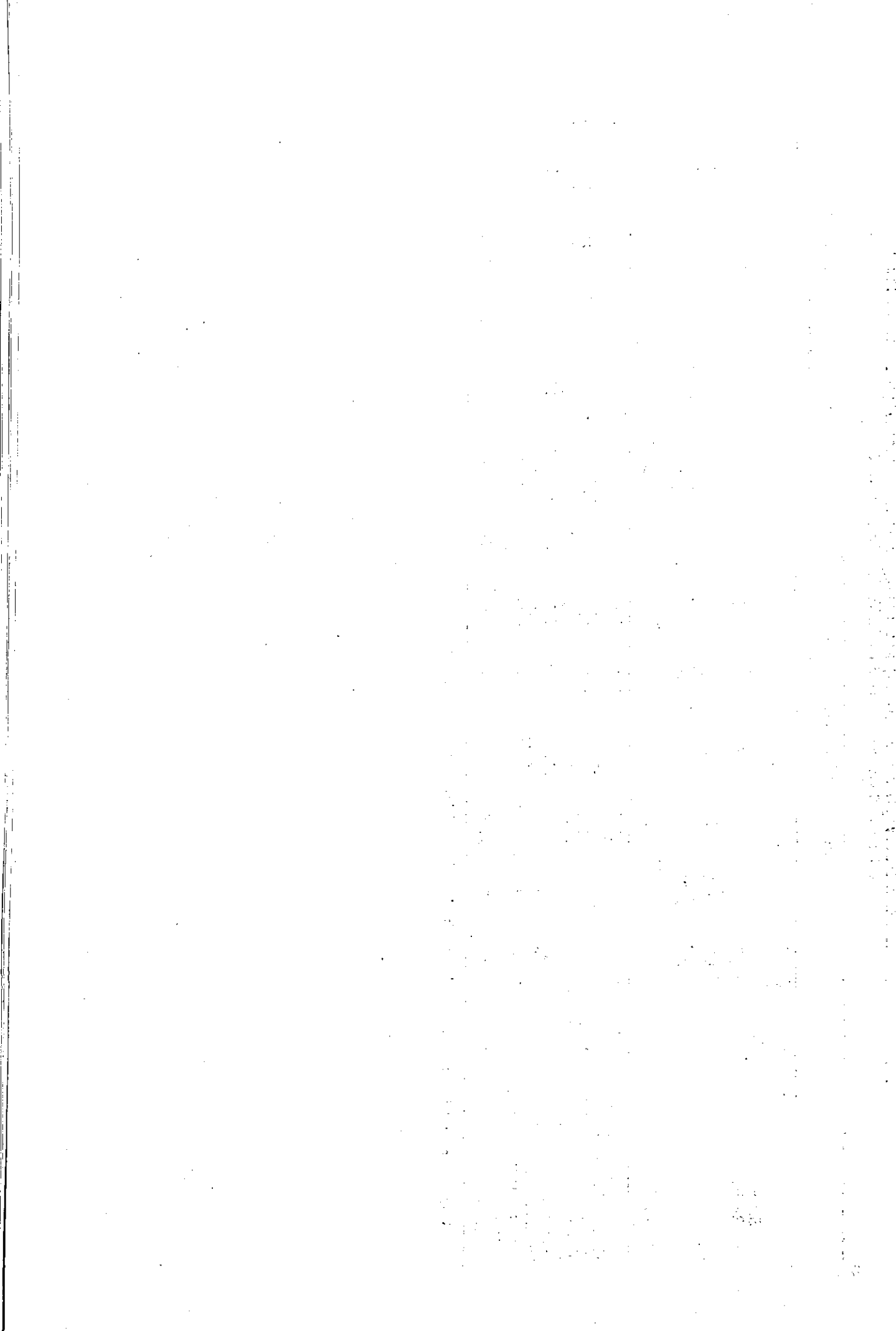
District	Total No. of Rural villages 1971	31-3-1980		31-3-1981		31-3-1982		31-3-1983	
		No.	%	No.	%	No.	%	No.	%
Trivandrum	88	88	100	88	100	88	100	88	100
Quilon	98	98	100	98	100	98	100	98	100
Alleppey	98	98	100	98	100	98	100	98	100
Kottayam	74	74	100	74	100	74	100	74	100
Idukki	41	41	100	41	100	41	100	41	100
Ernakulam	89	89	100	89	100	89	100	89	100
Trichur	229	229	100	229	100	229	100	229	100
Palghat	147	147	100	147	100	147	100	147	100
Malappuram	117	117	100	117	100	117	100	117	100
Kozhikode	109	109	100	109	100	109	100	109	100
Cannanore	178	178	100	178	100	178	100	178	100
State	1268	1268	100	1268	100	1268	100	1268	100

Source: K. S. E. B. Trivandrum. (Rural electrification has been completed during May 1979)

13.7. Annual percapita consumption of Electricity and average Electricity consumption per consumer in the Southern Region and All India for the year 1980-81

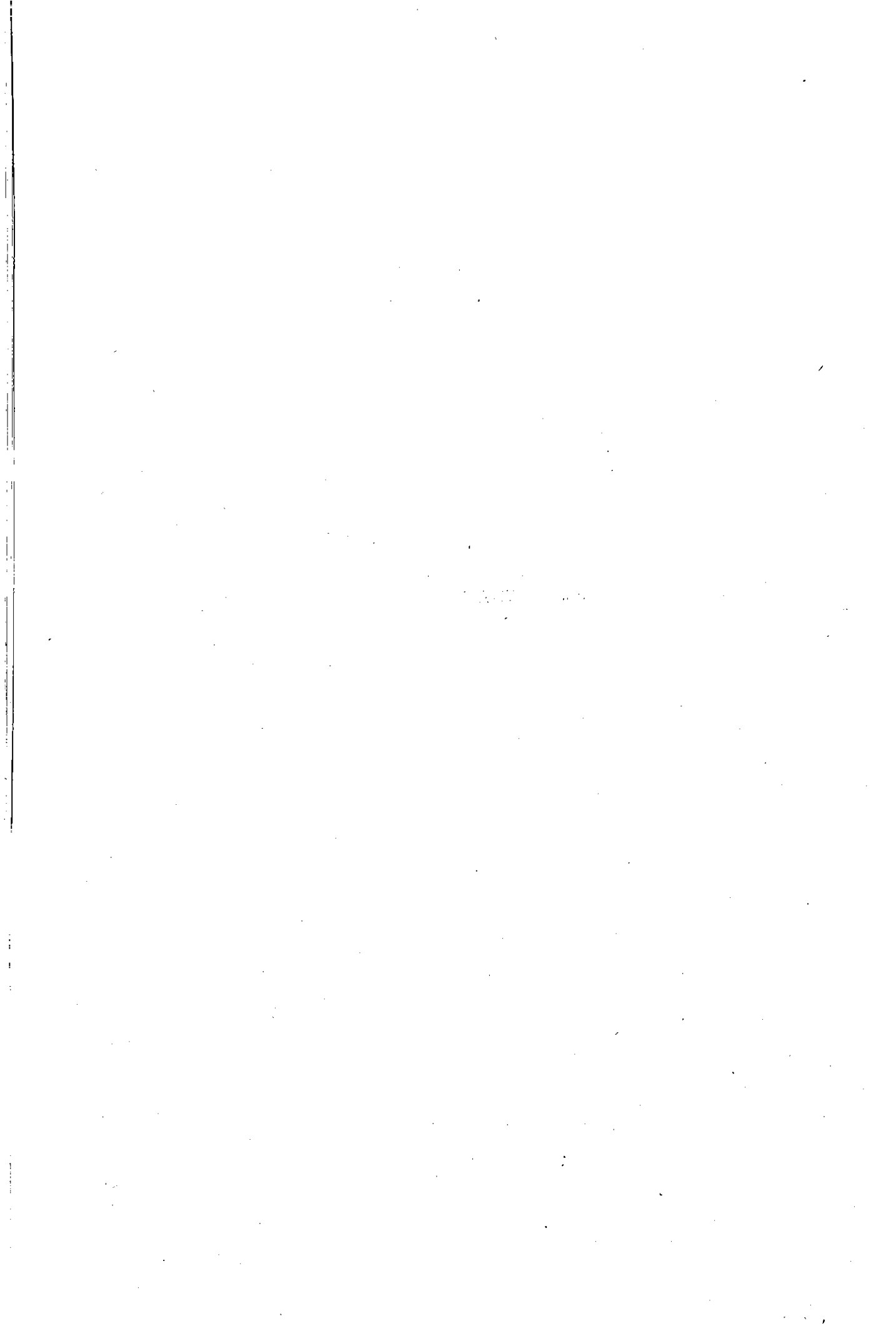
State/ Region	Utilities (in K. W. H.)														Average consumption per consumer (in '000 K. W. H.)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	Domestic	Commercial	Industrial public water works traction & misc.	Public lighting	Agriculture	Total utilities	Domestic	Commercial	Industrial (L.V. & M.V.)	Industries H.V.	Public lighting	Traction	Agriculture	Public water works	Total	
Andhra Pradesh	10.35	9.64	56.42	0.94	18.39	95.74	0.35	1.61	7.90	1855.14	2.33	..	2.22	60.33	2.10	
Karnataka	19.05	3.63	105.48	1.94	10.72	140.82	0.41	0.57	6.57	2787.19	8.19	..	1.26	0.15	2.21	
Kerala	17.83	7.62	78.75	1.74	3.16	109.10	0.39	0.64	6.36	2827.75	31.42	..	0.87	70.17	1.73	
Tamil Nadu	17.79	11.95	98.01	1.80	49.22	178.77	0.18	0.94	4.60	2727.00	2.11	13000.00	2.70	7.20	2.16	
Pondicherry	30.82	12.57	132.23	8.10	70.15	253.87	0.46	0.72	6.65	1582.25	173.21	..	5.36	311.33	2.53	
Lakshadweep	18.75	6.00	1.00	1.00	..	26.75	0.17	0.45	1.11	..	2.00	..	..	..	0.22	
Total Southern Region	15.71	8.67	83.32	1.57	23.56	132.83	0.33	0.96	5.81	2456.75	3.53	13000.00	2.23	12.38	2.09	
All India	13.64	6.91	78.49	1.10	21.38	121.52	0.41	1.02	6.58	1730.49	4.69	32839.28	3.42	33.57	2.53	

Source: General Review—Public Electricity Supply—All India Statistics, 1980-81.





#### XIV. TRADE



## XIV. TRADE

## 14.1.1. Foreign exports from the Ports of Kerala

(Value Rs. in lakhs)

Sl. No.	Commodities	Unit	1978-79		1979-80		1980-81	
			Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Bricks and tiles	'000	715.00	5.86	373.43	3.90	1171.00	1.99
2	Cardamom	Nos.						
		M.T.	429.93	597.78	1149.59	611.58	493.18	545.73
3	Cashew kernals	"	27635.25	8628.92	33265.45	10006.21	27835.11	12988.15
4	Cashew shell liquid	'000 litrs.	5119.88	454.92	12093.69	1273.14	7645.00	546.86
5	Coffee	M.T.	22092.29	4451.10	19248.28	5611.98	19020.87	3809.55
6	Coir Yarn and Fibre	"	21294.57	1100.56	25608.79	2009.74	12488.93	892.64
7	Coir products	"	22135.67	1686.61	17808.28	1988.97	16054.47	1055.28
8	Cordage and rope of vegetable fibre	"	886.58	49.91	914.14	57.31	1016.43	70.85
9	Fish and Prawns	"	32701.88	10481.33	82484.95	14027.76	32828.37	10643.27
10	Ginger	"	9087.84	389.94	6582.67	330.41	3123.70	211.90
11	Hides and skins	"	311.25	7.93	304.88	9.50	536.21	26.25
12	Jute and Jute Products	"	10.02	1.51	11.14	1.94	14.61	6.74
13	Metals, minerals and ores	"	184734.96	1021.44	115937.06	617.27	112620.23	604.43
14	Manioc meals	"			1329.32	143.37	599.00	22.19
15	Lemongrass Oil	'000 Litrs.	57.67	40.07	223.59	145.23	235.95	136.57
16	Sandalwood Oil	"	2.46	21.78	2.97	23.02	45.66	11.73
17	Other vegetable oil	"	55.69	44.98	1115.22	113.80	29.09	12.40
18	Pepper	M.T.	29631.77	2784.58	25402.37	3916.03	23649.00	3242.57
19	Rubber manufactures	"	122.23	42.78	471.10	55.71	354.18	36.32
20	Tea	"	44286.24	6652.41	47334.42	9239.78	50327.23	3306.10
21	Turmeric	"	3175.56	327.58	3069.68	206.01	2283.20	159.46
22	Oil cake	"	206.00	2.04	..	..	..	..
23	Rose wood	"	..	1243.53	..	653.90	..	327.56
24	Other kinds of wood	"	..	129.15	..	82.34	..	67.00
25	Wood manufactures	"	..	167.71	..	214.71	..	21.60
26	Others	"	..	4773.36	..	7831.46	..	7949.30
Total			..	45607.78	..	57231.07	..	51696.44

## 14.1.2. Foreign Imports into the Ports of Kerala

(Value Rs. in lakhs)

Sl. No.	Commodity	Unit	1978-79		1979-80		1980-81	
			Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Cashewnut (Raw)	M.T.	29299.00	1124.10	20059.76	949.59	16175.93	1358.41
2	Chemical including Sulphur	"	215673.58	1715.09	376163.65	4233.04	389372.02	4245.23
3	Coal coke and patent fuel	"	2001.95	22.11	..	..	6108.00	144.45
4	Copra	"	3518.77	143.95	..	..	..	..
5	Cotton raw and waste	"	2945.10	592.36	..	..	..	..
6	Cotton twist and Yarn	"	105518.60	3255.43	11042.47	1420.29	129.67	30.93
7	Cotton piece goods	"	9.76	1.20	76.52	1.76	3.17	1.08
8	Cotton-Other manufacture	"	..	19.05	18.46	3.96	12.88	8.02
9	Drugs and Medicine	"	41.27	54.97	52.51	34.17	36.77	6.20
10	Dying and tanning substance	"	3591.83	156.93	1.06	25.20*	0.69	0.81
11	Fruits and vegetables	"	841.15	36.06	100.60	3.31	10944.00	55.65
12	Paddy, Rice and other food grains	"	40201.18	1003.92	32962.84	957.57	17338.00	552.76

## 14.1.2. (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
13	Gums and Rexins	M.T.	4299.66	168.53	106.41	32.82	352.50	41.88
14	Hardware and cutlery	"	100638.80	631.28	267739.18	768.60	113827.72	1005.79
15	Liquors (*)	'000 Ltrs.	13.04	1.68	7.31	0.83	28.10	3.69
16	Machinery and Mill works	M.T.	..	2745.84	..	1119.44	..	740.74
17	Manure	"	325812.00	2019.35	105416.37	2527.16	129051.00	1945.61
18	Metals Minerals and Ores	"	23565.06	2341.10	127590.99	2904.81	211762.58	3169.05
19	Kerosene Oil	'000 Ltrs.	..	..	..	..	..	..
20	Lubricating Oil	"	..	..	53.02	13.05	..	..
21	Other Mineral Oil including fuel Oil	"	2993855.86	32438.29	2527164.34	53564.34	479268.97	4938.21
22	Vegetable Oil	"	8973.10	492.80	2113.46	189.37	4701.88	785.86
23	Other kinds of Oil	"	397.52	39.49	512.46	46.87	3710.76	156.65
24	Paint and colours	"	0.08	0.03	..	..	..	..
25	Paper and paper board	M.T.	25851.62	991.52	59419.36	1411.75	38167.65	1793.09
26	Provisions and Oil Man Stores	"	..	..	16.32	2.01	0.13	0.01
27	Rubber Raw	"	535.48	38.28	196.84	25.93	1746.17	197.74
28	Rubber manufacture	"	..	7.96	35.28	12.04	246.86	65.32
29	Tobacco manufactures	"	..	..	..	..	..	..
30	Others	"	..	1297.36	..	1715.60	..	4807.20
Total			..	51338.68	..	71963.51	..	26707.32

## 14.2.1. Foreign Export from the Port of Cochin

(Value Rs. in lakhs)

Sl. No.	Commodity	Unit	1978-79		1979-80		1980-81	
			Quantity	Value	Quantity	Value	Quantity	Value
1	Bricks and tiles	'000 Nos.	..	..	41.43	0.90	..	..
2	Cardamom	M. T.	429.93	597.78	1149.59	611.58	493.18	545.73
3	Cashew Kernals	"	27635.25	8628.92	33265.45	10006.21	27835.11	12988.15
4	Cashew shell liquid	'000 Ltrs.	5119.88	454.92	12093.69	1279.14	7645.90	546.86
5	Coffee	M. T.	22092.29	4451.10	19248.28	5611.98	19020.87	3809.55
6	Coir yarn and fibre	"	19348.95	103.45	25376.24	1997.81	12488.93	892.64
7	Coir Products	"	1918.93	1662.00	17776.47	1986.81	14314.47	1043.60
8	Cardage and rope of vegetable fibre	"	58	49.91	914.14	57.31	1016.45	70.85
9	Fish and Prawns	"	32701.88	10481.33	82484.95	14027.76	32387.37	10597.19
10	Ginger	"	9087.84	899.94	6580.50	380.28	3123.70	211.90
11	Hides and skins	"	311.25	7.98	304.88	9.50	336.21	26.25
12	Jute and Jute Products	"	10.02	1.51	10.96	1.82	14.61	6.74
13	Metals, minerals and ores	"	101547.77	835.84	7862.06	361.12	6935.12	351.33
14	Manioc meals	"	..	..	1329.32	143.37	599.00	22.19
15	Lemongrass Oil	'000 Ltrs.	51.67	40.07	223.59	145.23	285.95	136.57
16	Sandalwood Oil	"	2.46	21.78	2.97	23.02	45.66	11.73
17	Other vegetable Oil	"	55.69	44.98	1115.22	113.80	29.09	12.40
18	Pepper	M. T.	29631.17	2784.46	25401.07	3715.78	23649.00	3242.57
19	Rubber manufactures	"	122.23	42.78	471.10	55.71	354.18	36.32
20	Tea	"	44286.24	6652.41	47334.42	7239.78	50327.23	8306.10
21	Turmeric	"	3175.56	327.58	3067.18	205.84	2283.20	159.46
22	Oil cake	"	205.00	2.04	..	..	..	..
23	Rose wood	"	..	1242.85	..	653.57	..	327.56
24	Other kinds of wood	"	..	104.06	..	33.73	..	64.85
25	Wood manufacture	"	..	131.60	..	145.25	..	21.60
26	Others	"	..	4731.87	..	7791.51	..	7941.11
Total			..	45201.11	..	56598.81	..	51373.25

## 14.2.2. Foreign Imports into the Port of Cochin—Commodity-wise

(Value Rs. in lakhs)

Sl. No.	Commodities	Unit	1978-79		1979-80		1980-81	
			Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Cashewnut (Raw)	MT	11859.00	526.00	20059.76	949.59	16175.93	1358.40
2	Chemicals including sulphur	..	215673.58	1715.09	376163.65	4233.04	389372.02	4928.20
3	Coal, coke & patent fuel	..	2001.95	22.11	..	..	6108.00	114.45
4	Copra	..	3518.77	143.95	..	..	..	..
5	Cotton raw and waste	..	2945.10	592.36	..	..	..	..
6	Cotton twist and yarn	..	105519.60	3255.43	11042.47	1420.29	129.67	30.93
7	Cotton piece goods	..	9.76	1.20	76.52	1.76	3.17	1.08
8	Cotton other manufactures	..	..	19.05	18.46	3.96	12.88	8.02
9	Drugs and medicines	..	41.27	54.97	52.51	34.17	36.77	6.20
10	Dying and tanning substances	..	3591.83	156.93	1.06	25.20	0.69	0.81
11	Fruits and vegetable including dates	..	841.15	36.06	100.60	3.31	10944.00	55.65
12	Paddy, Rice and other food grains	..	40201.18	1003.92	32962.84	957.57	17338.00	552.76
13	Gums and resins	..	4299.66	168.53	106.41	32.82	352.50	41.86
14	Hardware and cutlery	..	100638.80	631.28	267719.52	768.60	94730.72	837.05
15	Liquors	'000 (Ltrs.)	13.04	1.68	7.31	0.83	28.10	3.69
16	Machinery and mill works	Value	..	2743.84	..	1119.44	..	740.74
17	Manures	MT	320791.00	1988.83	105416.37	2527.16	129051.00	1945.61
18	Metals, minerals and ores	..	235165.06	2341.10	127590.99	2904.81	211762.58	3169.05
19	Kerosene Oil	..	..	..	..	..	..	..
20	Lubricating oil	..	..	..	53.02	13.05	..	..
21	Other mineral oil including fuel oil(*)	'000 Ltrs.	2993855.86	32438.29	2427164.30	53564.34	479268.97	4938.21
22	Vegetable oil	MT	8978.10	492.80	2113.46	189.37	470188.00	785.80
23	Other kinds of oil	..	397.52	39.49	512.46	46.87	3710.76	156.65
24	Paints and colours	..	0.08	0.03	..	..	..	..
25	Paper and paper boards	..	25851.62	991.52	59419.36	1411.75	38167.65	1793.09
26	Provisions and oil manstores	..	..	..	16.32	2.01	0.13	0.01
27	Rubber (Raw)	..	535.48	38.28	196.32	25.93	1746.17	197.74
28	Rubber manufactures	Value	..	..	35.28	12.04	246.86	65.32
29	Tobacco unmanufactured	..	..	..	..	..	..	..
30	Others	..	..	1297.36	..	1715.60	..	4805.12
	Total	Value	..	50710.07	..	71963.51	..	26536.50

\* Including Crude Petroleum.

## 14.3.1. Foreign Exports from the Intermediate and minor Ports of Kerala

(Value Rs. in lakhs)

Commodity	Unit	1978-79		1979-80		1980-81		
		Quantity	Value	Quantity	Value	Quantity	Value	
Kozhikode Port								
1	Bricks and Tiles	000 Nos.	715.00	5.86	332.00	3.00	1171.00	1.99
2	Cardmom	..	..	..	..	..	..	..
3	Cashew Kernals	..	..	..	..	..	..	..
4	Cashew Shell Liquid	..	..	..	..	..	..	..
5	Coffee	..	..	..	..	..	..	..
6	Coir yarn and Fibre	MT	225.18	11.09	232.55	11.93	..	..
7	Coir Products	..	68.54	14.47	31.81	2.16	1740.00	11.68
8	Cardage and rope of vegetable Fibre	..	..	..	..	..	..	..
9	Fish and Prawns	..	..	..	..	..	441.00	46.03
10	Ginger	..	..	..	2.17	0.13	..	..
11	Lemon grass oil	..	..	..	..	..	..	..
12	Manioc meal	..	..	..	..	..	..	..
13	Oil cake	..	..	..	..	..	..	..
14	Pepper	..	0.60	0.12	1.30	0.25	..	..
15	Tea	..	..	..	..	..	..	..

## 14.3.1. (Contd.)

(Value Rs. in lakhs)

Commodity	Unit	1978-79		1979-80		1980-81	
		Quantity	Value	Quantity	Value	Quantity	Value
16 Turmeric	MT	..	..	2.50	0.17	..	..
17 Metals, minerals and ores	"	37.21	2.89	..	..	59	3.40
18 Rosewood	"	..	0.09	..	0.36	..	..
19 Other kinds of woods	"	..	25.09	..	48.61	..	2.05
20 Wood manufactures	"	..	36.11	..	69.46	..	..
21 Jute & Jute products	"	..	..	0.18	0.12	..	..
22 Other kinds of oil (Fish oil)	"	289.68	16.11	..	..	..	..
23 Others	"	..	25.38	..	39.95	..	8.19
<b>Total</b>		..	137.21	..	176.11	..	73.03
<b>Neendakara Port</b>							
1 Metals, minerals and ores	"	83150.00	182.71	108075.00	256.15	..	..
2 Others	"	..	..	..	..	..	..
<b>Total</b>		..	182.71	..	256.15	..	..
<b>Alleppey Port</b>							
1 Coir yarn and Fibre	"	1720.44	86.02	..	..	..	..
2 Coir Products	"	48.20	10.14	..	..	..	..
3 Cardamom	"	..	..	..	..	..	..
4 Ginger	"	..	..	..	..	..	..
5 Pepper	"	..	..	..	..	..	..
<b>Total</b>		..	96.16	..	..	..	..
Metals minerals & ores	LMT	..	..	..	..	105626.10	250.06
<b>Total</b>		..	..	..	..	..	..
<b>Grand Total</b>		..	416.08	..	432.26	..	323.09

## 14.3.2. Foreign Imports into the Intermediate and minor Ports of Kerala

(Value Rs. in lakhs)

Commodity	Unit	1978-79		1979-80	
		Quantity	Value	Quantity	Value
<b>Trivandrum</b>					
Wheat	MT	..	..	..	..
Cement	"	..	..	4347	26.08
<b>Neendakara</b>					
Cashew (Raw)	"	17440	598.09	7310	361.84
<b>Alleppey Port</b>					
Wheat	"	..	..	..	..
<b>Kozhikode</b>					
Manure	"	5021	30.52	16613	252.87
Chemicals including sulphur	"	..	..	11122	137.52
Hardware and cutlery	"	..	..	36106	213.15
<b>Quilon</b>					
<b>Total</b>		..	628.61	..	991.46

14.4.1. Foreign Exports from the Ports of Kerala—1978-79 (Country-wise and Commodity-wise)

(Value Rs. in lakhs)

23  
33

Sl. No.	Countries	Bricks and tiles		Cardamom		Cashew kernels		Cashew shell oil		Coffee		Cair yarn and fibre	
		Qty. ('000 Nos.)	Value	Qty. MT.	Value	Qty. ('000 Lt.)	Value	Qty. MT.	Value	Qty. MT.	Value	Qty. MT.	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Algeria	..	..	..	..	..	..	..	..	..	..	18.00	0.88
2	Antegua	..	..	..	..	..	..	..	..	..	..	..	..
3	A. R. E.	..	..	..	..	..	..	..	..	..	..	..	..
4	Argentina	..	..	..	..	..	..	..	..	..	..	..	..
5	Australia	..	..	..	..	1643.30	310.66	10.00	1.00	1040.04	217.43	23.05	2.12
6	Austria	..	..	0.15	0.05	0.10	0.01	..	..	..	..	..	..
7	Bahrain	..	..	..	..	..	..	..	..	..	..	3.85	1.72
8	Barbados	..	..	..	..	..	..	..	..	..	..	..	..
9	Belgium	..	..	5.95	5.75	5.82	1.71	60.00	4.92	322.52	81.43	653.49	34.23
10	Brazil	..	..	..	..	..	..	..	..	..	..	..	..
11	Bulgaria	..	..	..	..	18.15	5.28	..	..	..	..	216.76	4.23
12	Canada	..	..	0.91	1.93	1028.80	435.60	..	..	420.70	92.38	213.49	13.94
13	Chile	..	..	..	..	..	..	..	..	..	..	..	..
14	Cyprus	..	..	..	..	4.54	0.97	..	..	..	..	..	..
15	Czechoslovakia	..	..	3.00	4.05	133.81	43.12	..	..	60.00	10.11	1.05	0.05
16	Denmark	..	..	..	..	..	..	..	..	473.40	126.81	..	..
17	Dominican Republic	..	..	..	..	..	..	..	..	20.40	4.23	274.53	17.52
18	Dubai	..	..	..	..	..	..	..	..	..	..	..	..
19	Dunedin	..	..	..	..	..	..	..	..	..	..	..	..
20	Egypt	..	..	..	..	..	..	..	..	..	..	..	..
21	East Germany	..	..	21.00	30.32	22.68	6.92	..	..	2639.26	178.27	363.88	24.52
22	Fiji Island	..	..	..	..	..	..	..	..	0.68	0.45	..	..
23	Finland	..	..	11.68	2.23	..	..	..	..	..	..	..	..
24	France	..	..	..	..	224.93	73.28	40.00	5.22	583.26	128.88	7373.69	344.97
25	Genoa	..	..	..	..	..	..	..	..	..	..	..	..
26	Greece	..	..	..	..	7.03	2.47	..	..	..	..	..	..
27	Grenada	..	..	..	..	..	..	..	..	..	..	..	..
28	Guinea	..	..	..	..	..	..	..	..	856.86	170.78	53.60	6.30
29	Halawi	..	..	..	..	..	..	..	..	..	..	..	..
30	Holland	..	..	..	..	..	..	..	..	..	..	..	..
31	Hongkong	..	..	2.00	2.30	904.69	295.40	..	..	..	..	..	..
32	Himberg	..	..	..	..	186.32	57.50	..	..	645.42	170.15	708.20	45.49
33	Hungary	..	..	..	..	..	..	..	..	..	..	..	..
34	Italy	..	..	..	..	..	..	..	..	..	..	..	..
35	Israel	..	..	..	..	..	..	20.32	2.40	754.90	182.52	1736.04	78.59
36	Ireland	..	..	..	..	..	..	..	..	35.40	7.76	43.20	1.49
37	Indonesia	..	..	..	..	..	..	..	..	5.10	1.22	36.00	1.21
38	Iran	..	..	..	..	..	..	..	..	..	..	51.65	3.51







14.4.1—(Contd.)

(1)	(2)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
15	Cyprus	29.36	2.40	5.00	0.22	0.63	0.33								
16	Denmark	2341.65	172.32	5.00	0.22	42.88	13.64	32.03	3.52						
17	Dominican Republic	6.89	0.56												
18	Dubai														
19	Dunedin														
20	Egypt	6.84	0.63					5.00	0.81					0.32	0.06
21	East Germany	119.92	10.03					40.00	2.61					0.50	0.10
22	Fiji Island	2.48	0.20			9.34	4.81								
23	Finland	40.43	3.93	5.00	0.35										
24	France	2482.04	135.13	31.00	1.38	2502.85	498.00	214.73	24.95					100.00	0.32
25	Genoa													278.19	15.26
26	Greece	407.62	40.10	6.00	0.26	1.71	0.83	10.65	1.28						
27	Gremaide														
28	Guinea	1.00	0.08											0.48	0.03
29	Halawi														
30	Holland	288.31	42.98	2.00	0.11	395.24	86.79	148.31	15.71					50.00	0.18
31	Hongkong	40.75	5.08	5.63	0.24										
32	Himberg	55.53	6.10												
33	Hungary	117.63	9.42					225.95	18.50						
34	Italy	1756.88	147.89			7.84	2.75	10.60	1.17					0.20	0.57
35	Israel	65.71	4.83	18.00	1.24										
36	Ireland			34.83	1.79			5.00	0.35						
37	Indonesia														
38	Iran	1.01	0.39			100.00	2.25							2.29	0.16
39	Irish Republic			3.00	0.16										
40	Iraq	2.25	0.23											3.82	0.82
41	Japan	200.30	16.95	1.50	0.10	12908.41	4967.36	645.02	63.03					49979.20	224.79
42	Jamaica			3.05	0.20										
43	Jordan	18.34	1.78												
44	Kenya														
45	Kuwait	94.64	16.24					67.20	36.31						
46	Korea											3.17	0.45	20.10	1.48
47	Linsol	1.67	0.26											456.00	10.90
48	Libya	60.43	6.13												
49	Lebanon													1507.92	246.14
50	Luckland														
51	Mexico			162.38	9.84			350.78	26.06					8.26	4.20
52	Morocco														
53	Mali							0.05	0.01						
54	Maldiva Island													8.00	0.46
55	Malaysia	0.78	0.08											276.74	35.31
56	Malta	1.40	0.21												
57	Montreal			1.00	0.08										
58	Newzealand	49.10	3.98	26.20	2.18	1.30	0.19	62.64	7.43					8.62	1.17
59	Norway	18.91	1.74	0.50	0.04			3.00	0.73						
60	Netherland	183.74	5.11	5.70	0.37	420.92	85.39	44.26	3.99					101.00	0.43



Sl. No.	Countries	Manioc meal		Lemongrass oil		Sandal wood oil		Other vegetables		Pepper		Rubber manu- factures		Tea	
		Qty. ('000 lts.)	Value	Qty. ('000 lts.)	Value	Qty. ('000 lts.)	Value	Qty. ('000 lts.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value
(1)	(2)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)
1	Algeria	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	Antegua	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	A. R. E.	..	..	..	..	..	..	..	..	..	..	0.32	0.05	6754.32	886.68
4	Argentina	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	Australia	..	..	1.44	0.98	..	..	1.28	3.10	153.63	30.16	40.40	4.96	1155.69	215.64
6	Austria	..	..	..	..	..	..	..	..	10.04	2.15	..	..	0.67	0.21
7	Bahrain	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	Barbados	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9	Belgium	..	..	..	..	..	..	0.10	0.14	5.37	5.54	..	..	..	..
10	Brazil	..	..	..	..	..	..	..	..	..	..	..	..	0.11	0.02
11	Bulgaria	..	..	..	..	..	..	..	..	99.66	18.49	..	..	613.75	150.00
12	Canada	..	..	..	..	..	..	1.00	1.74	234.94	52.79	..	..	697.72	113.37
13	Chile	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14	Cyprus	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15	Czechoslovakia	..	..	..	..	..	..	..	..	900.49	202.21	..	..	0.37	0.07
16	Denmark	..	..	..	..	..	..	..	..	23.27	2.12	..	..	11.92	2.17
17	Dominic Republic	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	Dubai	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19	Dunedin	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	Egypt	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21	East Germany	..	..	..	..	..	..	..	..	737.34	128.10	..	..	1112.13	144.48
22	Fiji Island	..	..	..	..	..	..	..	..	..	..	..	..	25.00	3.81
23	Finland	..	..	..	..	..	..	0.02	0.03	5.53	4.16	..	..	1.14	0.82
24	France	..	..	1.88	1.55	0.10	0.76	0.50	3.11	70.79	11.43	..	..	30.37	26.42
25	Genoe	..	..	..	..	..	..	..	..	..	..	..	..	..	..
26	Greece	..	..	..	..	..	..	..	..	0.10	0.15	1.15	0.30	..	..
27	Granaide	..	..	..	..	..	..	..	..	..	..	..	..	..	..
28	Guinea	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29	Hulavi	..	..	..	..	..	..	..	..	..	..	..	..	..	..
30	Holland	..	..	..	..	..	..	0.13	0.58	10.00	1.50	..	..	148.36	27.14
31	Hongkong	..	..	..	..	..	..	..	..	..	..	..	..	..	..
32	Humbry	..	..	..	..	..	..	..	..	..	..	..	..	..	..
33	Hungary	..	..	1.80	1.14	..	..	..	..	..	..	..	..	..	..
34	Italy	..	..	0.36	0.26	0.10	0.43	..	..	579.21	129.11	..	..	14.43	3.86
35	Israel	..	..	..	..	..	..	..	..	..	..	..	..	..	..
36	Ireland	..	..	..	..	..	..	..	..	..	..	..	..	309.89	51.24
37	Indonesia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
38	Iran	..	..	..	..	..	..	..	..	..	38.50	41.53	15.00	824.65	200.74
39	Irish Republic	..	..	..	..	..	..	..	..	..	..	..	..	..	..
40	Iraq	..	..	..	..	..	..	..	..	..	..	0.11	0.17	2546.84	230.92







## 14. 4. 1.—(Contd.)

	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)
71 Spain	..	..	..	..	..	4.92	..	1.01	..	2.15	..	7.31	72.01
72 Sweden	..	..	..	..	..	0.24	..	10.59	..	19.85	..	118.44	182.94
73 Switzerland	..	..	..	..	..	0.37	..	..	..	0.30	..	83.22	106.53
74 Srilanka	..	..	..	..	..	..	..	..	..	..	..	119.70	135.29
75 Surinane	..	..	..	..	..	..	..	..	..	..	..	2.78	2.78
76 St. Lucia	..	..	..	..	..	..	..	..	..	..	..	1.71	1.71
77 St. Vincent	..	..	..	..	..	..	..	..	..	..	..	0.24	0.28
78 St. Lacip	..	..	..	..	..	..	..	..	..	..	..	0.04	0.04
79 St. Kittus	..	..	..	..	..	..	..	..	..	..	..	..	0.20
80 Saudi Arabia	45.50	4.79	..	..	..	0.27	..	..	..	4.22	..	58.82	408.54
81 Sarlman	..	..	..	..	..	..	..	..	..	..	..	..	0.62
82 Sudan	..	..	..	..	..	..	..	..	..	..	..	2.71	1290.08
83 Sarlmanu	..	..	..	..	..	..	..	..	..	..	..	0.21	2.43
84 Somali land	19.95	2.07	..	..	..	..	..	..	..	0.05	..	6.76	10.60
85 Syria	..	..	..	..	..	..	..	..	..	..	..	2.73	3.04
86 Turkey	..	..	..	..	..	..	..	..	..	..	..	..	14.61
87 Tunisia	..	..	..	..	..	..	..	..	..	..	..	0.96	50.84
88 Trinidad	..	..	..	..	..	0.16	..	..	..	0.31	..	9.05	10.34
89 Taiwan	..	..	..	..	..	1.77	..	..	..	..	..	..	1.77
90 U. S. A.	1321.53	123.64	..	..	..	21.10	..	3.05	..	13.62	..	670.42	13001.11
91 U. K.	109.19	12.14	..	..	..	3.54	..	..	..	2.84	..	870.02	2023.65
92 U. A. E.	233.83	21.46	..	..	..	1.55	..	15.86	..	20.61	..	68.16	335.35
93 U. S. S. R.	..	..	..	..	..	825.00	..	46.94	..	10.96	..	117.74	6527.22
94 Urugray	..	..	..	..	..	..	..	..	..	..	..	..	1.48
95 Venezuela	..	..	..	..	..	..	..	..	..	..	..	0.07	0.07
96 West Germany	25.10	2.65	..	..	..	42.16	..	0.23	..	15.57	..	589.78	1519.94
97 West Indis	..	..	..	..	..	..	..	..	..	..	..	0.10	0.31
98 Winward Island	..	..	..	..	..	..	..	..	..	..	..	..	0.14
99 Willington	..	..	..	..	..	..	..	..	..	..	..	5.56	5.56
100 Yugoslavia	..	..	..	..	..	..	..	..	..	..	..	41.18	341.15
101 Y. A. R.	521.79	45.69	..	..	..	..	..	..	..	..	..	25.10	273.03
102 Yemen	..	..	..	..	..	..	..	..	..	..	..	35.79	40.11
103 Zutich	..	..	..	..	..	..	..	..	..	..	..	..	0.22
Total	3175.56	327.58	206.00	2.04	..	1243.53	..	129.15	..	167.71	..	4773.36	45607.78



## 14. 4. 2—Foreign imports into the ports of Kerala—Country-wise and commodity-wise 1978.79 (July to June)

Sl. No.	Name of country	Cashewnut (raw)		Chemicals including Sulphur		Coal, coke and patent fuel		Copra		Cotton raw and waste		Cotton twist and yarn	
		Qty. (M.T.)	Value (Rs. in lakhs)	Qty. (M.T.)	Value (Rs. in lakhs)	Qty. (M.T.)	Value (Rs. in lakhs)	Qty. (M.T.)	Value (Rs. in lakhs)	Qty. (M.T.)	Value (Rs. in lakhs)	Qty. (M.T.)	Value (Rs. in lakhs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Africa (E)	..	..	..	..	..	..	252.00	9.31	..	..	..	..
2	Australia	..	..	..	..	..	..	..	..	..	..	..	..
3	Austria	..	..	..	..	..	..	..	..	0.39	0.18	19.81	2.96
4	Belgium	..	..	6.00	1.71	..	..	..	..	..	..	176.25	2.61
5	Canada	..	..	102.14	57.13	..	..	..	..	69.36	2.55	100.92	11.20
6	Czechoslovakia	..	..	..	..	..	..	..	..	..	..	469.98	50.89
7	Denmark	..	..	0.20	0.01	..	..	..	..	..	..	..	..
8	Egypt	..	..	..	..	..	..	..	..	..	..	..	..
9	Finland	..	..	..	..	..	..	..	..	..	..	..	..
10	France	..	..	..	..	..	..	..	..	537.00	121.81	675.52	70.00
11	Germany (E)	..	..	6.50	0.39	..	..	..	..	..	..	688.52	66.04
12	Germany (W)	..	..	10000.00	72.67	..	..	..	..	..	..	2694.23	354.23
13	Guatemala	..	..	314.46	80.22	..	..	..	..	..	..	..	..
14	Holland	..	..	..	..	..	..	..	..	..	..	..	..
15	Hongkong	..	..	0.80	0.49	..	..	..	..	..	..	..	..
16	Hungary	..	..	..	..	..	..	..	..	..	..	..	..
17	India (outer roses)	..	..	..	..	..	..	..	..	17.19	2.84	1512.56	171.61
18	Iran	..	..	..	..	..	..	..	..	..	..	..	..
19	Iraq	..	..	..	..	..	..	..	..	..	..	..	..
20	Italy	..	..	10872.59	51.05	..	..	..	..	..	..	..	..
21	Japan	..	..	59925.00	327.92	..	..	..	..	..	..	..	..
22	Kenya	..	..	..	..	..	..	..	..	..	..	..	..
23	Korea	..	..	1193.66	85.32	..	..	..	..	..	..	..	..
24	Korea (S)	..	..	20.00	0.39	..	..	..	..	..	..	..	..
25	Kuwait	..	..	..	..	..	..	..	..	..	..	..	..
26	Malaysia	..	..	40800.42	399.06	2000.00	21.75	..	..	..	..	..	..
27	Mali	..	..	..	..	..	..	..	..	..	..	..	..
28	Mexico	..	..	..	..	..	..	..	..	3191.77	131.50	..	..
29	Morocco	..	..	..	..	..	..	..	..	..	..	..	..
30	Mozambique	..	..	66714.00	304.87	..	..	..	..	..	..	..	..
31	Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
32	Norway	..	..	102.30	35.39	..	..	..	..	..	..	..	..
33	Poland	..	..	..	..	..	..	..	..	..	..	..	..
34	Quatar	..	..	19331.00	105.58	..	..	..	..	0.16	0.01	1394.18	141.94
35	Rumania	..	..	6010.27	64.56	..	..	..	..	..	..	..	..
36	Singapore	..	..	..	..	..	..	..	..	..	..	..	..
37	Spain	..	..	..	..	..	..	..	..	..	..	..	..
38	Sri Lanka	..	..	..	..	..	..	..	..	..	..	..	..
39	Sri Lanka	..	..	..	..	..	..	..	..	..	..	190.19	21.95

14.4.2. (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
40	Sudan	..	..	..	..	..	..	..	..	2099.00	418.72	34.13	7.63
41	Sweden	..	..	..	..	..	..	..	..	..	..	1547.67	169.21
42	Switzerland	..	..	0.01	0.03	..	..	..	..	..	..	..	..
43	Tanzania	29299	1124.10	..	..	..	..	..	..	..	..	..	..
44	Thailand	..	..	..	..	..	..	..	..	..	..	..	..
45	Turkey	..	..	..	..	..	..	..	..	12.00	1.67	..	..
46	U.A.E.	..	..	..	..	..	..	..	..	..	..	..	..
47	U.K.	..	..	128.48	19.10	..	..	..	..	..	..	..	..
48	U.S.A.	..	..	145.75	108.80	1.95	0.36	..	..	210.00	44.58	987.01	78.69
49	U.S.S.R.	..	..	..	..	..	..	..	..	..	..	..	..
50	Venice	..	..	..	..	..	..	..	..	..	..	..	..
51	Yugoslavia	..	..	..	..	..	..	..	..	..	..	463.75	44.13
Total		29299	1124.10	215673.58	1715.09	2001.95	22.11	3518.77	143.95	2945.10	592.36	105518.60	3255.43

14.4.2 (Contd.)

Sl. No.	Name of Country	Cotton		Cotton other manu- factures		Drugs and medicines		Dyeing & Tanning substances		Fruits & Vegetables including dates		Paddy, rice & other foodgrains	
		Qty. (M.T.)	Value (Rs.lakhs)	Qty. (M.T.)	Value (Rs.lakhs)	Qty. (M.T.)	Value (Rs.lakhs)	Qty. (M.T.)	Value (Rs.lakhs)	Qty. (M.T.)	Value (Rs.lakhs)	Qty. (M.T.)	Value (Rs.lakhs)
(1)	(2)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
1	Africa	..	..	..	..	..	..	..	..	..	..	..	..
2	Africa (E)	..	..	..	..	..	..	1000.00	42.99	..	..	..	..
3	Australia	..	..	..	..	..	..	..	..	..	..	..	..
4	Austria	0.36	0.01	..	..	..	..	..	..	..	..	..	..
5	Belgium	0.82	0.03	..	0.04	..	..	0.10	0.04	..	..	..	..
6	Canada	..	..	..	..	..	..	..	..	..	..	..	..
7	Czechoslovakia	..	..	..	..	..	..	..	..	..	..	..	..
8	Denmark	..	..	..	..	..	..	..	..	..	..	..	..
9	Egypt	..	..	..	..	..	..	..	..	..	..	..	..
10	Finland	..	..	..	..	..	..	..	..	..	..	..	..
11	France	..	..	..	..	..	..	..	..	..	..	..	..
12	Germany (E)	..	..	..	..	..	..	..	..	..	..	..	..
13	Germany (W)	..	..	..	1.73	2.53	0.62	0.33	1.22	0.97	2.51	1.33	0.31
14	Guatimala	..	..	..	..	..	..	..	..	..	..	..	..
15	Holland	..	..	..	..	..	..	..	..	9.00	0.48	..	..
16	Hongkong	..	..	..	..	..	..	..	..	..	..	..	..
17	Hungary	..	..	..	..	..	..	..	..	..	..	..	..
18	India (outer roads)	..	..	..	..	..	..	..	..	..	..	..	..
19	Iran	..	..	..	..	..	..	..	..	..	..	..	..
20	Irab	..	..	..	..	..	..	..	..	..	..	..	..
21	Italy	..	..	..	..	0.76	0.07	..	..	..	..	..	..

22	Japan	0.43	0.01	0.03	1.18	3.84	0.09	0.02				
23	Kenya	..	..	..	..	..	..	..				
24	Korea	..	..	..	..	..	..	..				
25	Korea (S)	..	..	..	..	..	..	..				
26	Kuwait	0.06	..	..	..	..	..	..				
27	Malaysia	..	..	..	..	..	..	..				
28	Mali	..	..	..	10.00	0.61	..	..				
29	Mexico	..	..	..	..	..	..	..				
30	Morocco	..	..	..	..	..	..	..				
31	Mozambia	..	2388.42	111.66	..	..	..	..				
32	Netherlands	..	0.33	0.03	..	..	..	..				
33	Norway	16.17	..	..	..	..	..	..				
34	Poland	..	..	..	..	..	..	..				
35	Quarter	..	..	..	..	..	..	..				
36	Rumania	..	..	..	..	..	..	..				
37	Singapore	..	..	..	..	..	..	..				
38	Spain	..	..	..	..	..	..	..				
39	Srilanka	..	..	..	..	..	..	..				
40	Sudan	..	..	..	..	..	..	..				
41	Sweden	0.28	..	..	..	..	..	..				
42	Switzerland	..	..	..	..	..	..	..				
43	Tanzania	..	..	..	..	..	..	..				
44	Thailand	..	..	..	814.00	26.63	..	..				
45	Turkey	..	..	..	3.00	1.92	..	..				
46	U.A.E.	..	..	..	..	..	..	..				
47	U.K.	7.32	0.83	0.01	..	..	..	..				
48	U.S.A.	..	..	0.22	0.50	0.72	..	..				
49	U.S.S.R.	..	..	0.22	0.03	0.09	3.00	40199.76				
50	Venice	..	..	..	..	..	..	1003.59				
51	Yugoslavia	..	..	..	..	..	..	..				
Total		9.76	1.20	19.05	41.27	54.97	3591.83	156.93	841.15	36.06	40201.18	1003.92

## 14.4.2. (Contd.)

Sl. No.	Name of Country	Gums and Resins		Hardware and Cutlery		Liquors		Machinery and mill work		Manures		Metals, minerals and ores	
		Qty. (M.T.)	Value (Rs. lakhs)	Qty. (M.T.)	Value (Rs. lakhs)	Qty. ('000 Ins.)	Value (Rs. lakhs)	Qty. (M.T.)	Value (Rs. lakhs)	Qty. (M.T.)	Value (Rs. lakhs)	Qty. (M.T.)	Value (Rs. lakhs)
(1)	(2)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
1	Africa	..	..	..	..	..	..	..	..	..	..	..	..
2	Africa (E)	..	..	..	..	..	..	..	..	..	..	..	..
3	Australia	..	..	..	..	3.19	0.19	..	30.95	..	..	11371.00	207.42
4	Austria	..	..	..	..	..	..	..	0.07	..	..	..	..
5	Belgium	..	..	..	..	..	..	..	63.44	10004.00	130.83	740.22	26.34
6	Canada	..	..	226.80	1.27	..	..	..	5.14	..	..	20178.86	276.19
7	Czechoslovakia	..	..	..	..	..	..	..	..	..	..	44.00	0.70

14.4.2. (Contd.)

(1)	(2)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
8	Denmark	..	..	..	..	..	..	..	0.87	..	..	..	..
9	Egypt	..	..	..	..	..	..	..	..	..	..	..	..
10	Finland	..	..	..	..	..	..	..	40.03	..	..	48.02	1.54
11	France	..	..	..	..	0.30	0.05	..	17.96	..	..	0.73	0.44
12	Germany (E)	..	..	..	..	..	..	..	19.68	..	..	9157.00	68.93
13	Germany (W)	10.93	1.11	..	..	..	..	..	596.15	29522.00	178.55	3032.88	61.77
14	Guatemala	..	..	..	..	..	..	..	..	..	..	..	..
15	Holland	..	..	..	..	..	..	..	0.01	..	..	30.00	1.94
16	Hongkong	..	..	..	..	..	..	..	0.28	..	..	..	..
17	Hungary	..	..	..	..	..	..	..	..	..	..	..	..
18	India (outer roads)	..	..	..	..	..	..	..	..	..	..	..	..
19	Iran	..	..	..	..	..	..	..	..	..	..	4000.00	44.59
20	Iraq	..	..	..	..	..	..	..	..	480.00	28.92	..	..
21	Italy	1.65	0.54	..	0.12	..	..	..	105.52	..	..	217.36	14.97
22	Japan	518.68	41.77	22.00	..	..	..	..	341.15	..	..	32057.84	355.37
23	Kenya	..	..	..	..	..	..	..	..	..	..	..	..
24	Korea (E)	..	..	50034.00	384.82	..	..	..	..	..	..	61273.38	381.91
25	Korea (S)	..	..	50287.00	244.71	..	..	..	..	..	..	..	..
26	Kuwait	..	..	..	..	..	..	..	..	17079.00	320.88	2297.21	37.04
27	Malaysia	..	..	..	..	..	..	..	0.97	..	..	251.00	11.49
28	Mali	..	..	..	..	..	..	..	..	..	..	..	..
29	Mexico	..	..	..	..	..	..	..	..	2533.93	..	..	..
30	Morocco	..	..	..	..	..	..	..	..	..	1219.54	43269.00	203.44
31	Mozambique	..	..	..	..	..	..	..	..	..	..	..	..
32	Netherlands	..	..	..	..	..	..	..	34.92	..	..	1.14	0.33
33	Norway	..	..	..	..	0.32	0.05	..	7.40	..	..	1.25	0.62
34	Poland	..	..	..	..	..	..	..	0.54	10334.00	140.63	19655.00	72.25
35	Quatar	..	..	..	..	..	..	..	..	..	..	6300.00	72.12
36	Rumania	..	..	..	..	..	..	..	..	..	..	..	..
37	Singapore	..	..	69.00	0.36	0.12	0.07	..	3.24	..	..	11335.67	206.04
38	Spain	..	..	..	..	..	..	..	..	..	..	..	..
39	Sri Lanka	..	..	..	..	..	..	..	..	..	..	..	..
40	Sudan	..	..	..	..	..	..	..	..	..	..	..	..
41	Sweden	..	..	..	..	..	..	..	..	..	..	..	..
42	Switzerland	..	..	..	..	..	..	..	340.42	..	..	0.20	0.39
43	Tanzania	..	..	..	..	..	..	..	6.48	..	..	..	..
44	Thailand	..	..	..	..	..	..	..	0.30	..	..	..	..
45	Turkey	..	..	..	..	..	..	..	..	..	..	..	..
46	U. A. E.	..	..	..	..	..	..	..	..	..	..	..	..
47	U. K.	..	..	..	..	0.11	1.32	..	0.98	..	..	1.64	0.31
48	U. S. A.	3768.40	125.11	..	..	..	..	..	77.74	..	..	366.42	16.70
49	U. S. S. R.	..	..	..	..	..	..	..	226.31	..	..	7903.51	264.51
50	Venice	..	..	..	..	..	..	..	819.08	..	..	431.24	13.75
51	Yugoslavia	..	..	..	..	..	..	..	..	..	..	..	..
Total		4299.66	168.53	100638.80	631.28	13.04	1.68	..	2745.84	325812.00	2019.35	235165.06	2341.10







(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
9	Brazil	..	..	..	..	18.15	5.28	..	..	..	..	216.76	4.23	..	..
10	Bulgaria	..	..	..	..	1028.80	435.60	..	..	420.70	92.38	127.14	7.62	461.63	38.57
11	Canada	..	..	0.91	1.93	..	..	..	..	..	..	..	..	15.82	1.14
12	Chile	..	..	..	..	4.54	0.97	..	..	60.00	10.11	1.05	0.05	29.36	2.40
13	Cyprus	..	..	3.00	4.05	133.81	43.12	..	..	473.40	126.81	..	..	..	..
14	Czechoslovakia	..	..	..	..	..	..	..	..	20.40	4.23	274.53	17.52	2341.65	172.32
15	Denmark	..	..	..	..	..	..	..	..	..	..	..	..	6.69	0.56
16	Dominican Republic	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17	Dubai	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	Dunedin	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19	Egypt	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	East Germany (G.D.R.)	..	..	21.00	30.32	22.68	6.92	..	..	2639.26	178.27	363.88	24.52	6.84	0.63
21	Figi Island	..	..	..	..	..	..	..	..	0.68	0.45	..	..	119.92	10.03
22	Finland	..	..	11.68	2.23	..	..	..	..	..	..	..	..	2.48	0.20
23	France	..	..	..	..	224.93	73.28	40.00	5.22	583.26	128.88	83.55	11.10	40.43	3.93
24	Genoa	..	..	..	..	7.03	2.47	..	..	..	..	7215.59	336.90	2479.94	134.56
25	Greece	..	..	..	..	..	..	..	..	856.86	170.78	53.60	6.30	407.62	40.10
26	Grevaxide	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27	Guinea	..	..	..	..	..	..	..	..	..	..	..	..	1.00	0.06
28	Halawi	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29	Holland	..	..	..	2.30	904.69	295.40	..	..	645.42	170.15	708.20	45.49	288.31	42.98
30	Hongkong	..	..	2.00	..	186.32	57.50	..	..	..	..	..	..	40.75	5.08
31	Humberg	..	..	..	..	..	..	..	..	..	..	..	..	55.53	6.10
32	Hungary	..	..	..	..	..	..	..	..	..	..	..	..	117.63	9.42
33	Italy	..	..	..	..	..	..	20.32	2.40	754.90	182.52	1449.23	64.23	1754.38	147.36
34	Israel	..	..	..	..	..	..	..	..	35.40	7.76	43.20	1.49	..	..
35	Ireland	..	..	..	..	..	..	..	..	5.10	1.22	36.00	1.21	65.71	4.83
36	Indonesia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
37	Iran	..	..	..	..	..	..	..	..	..	..	45.00	3.23	..	..
38	Irish Republic	..	..	..	..	..	..	..	..	..	..	..	..	..	..
39	Iraq	..	..	50.00	57.55	..	..	..	..	171.96	44.02	..	..	2.25	0.23
40	Japan	..	..	79.20	59.61	3185.51	964.27	1260.36	103.15	1499.10	248.64	29.85	1.43	200.30	16.93
41	Jamaica	..	..	..	..	..	..	..	..	..	..	..	..	..	..
42	Jordan	..	..	..	..	13.61	5.00	..	..	..	..	..	..	18.34	1.78
43	Kenya	..	..	..	..	..	..	..	..	..	..	..	..	..	..
44	Kuwait	..	..	..	3.32	554.92	181.11	..	..	2.41	0.22	..	..	50.95	6.08
45	Korea	..	..	1.50	..	..	..	435.45	43.21	21.00	6.63	35.00	1.54	..	..
46	Linsol	..	..	..	..	..	..	..	..	..	..	..	..	..	..
47	Libya	..	..	..	..	..	..	..	..	..	..	..	..	..	..
48	Lebanon	..	..	..	..	..	..	..	..	..	..	..	..	..	..
49	Luckind	..	..	..	..	58.97	16.09	..	..	..	..	..	..	1.67	0.26
50	Mexico	..	..	..	..	3.40	1.18	..	..	..	..	..	..	60.43	6.13
51	Morocco	..	..	..	..	..	..	..	..	..	..	..	..	..	..
52	Mali	..	..	..	..	..	..	..	..	..	..	..	..	..	..
53	Maldiv Islands	..	..	..	..	..	..	..	..	..	..	..	..	..	..
54	Malaysia	..	..	..	..	..	..	..	..	..	..	2.49	0.12	0.78	0.08





## 14.4.3--(contd.)

Sl. No.	Countries	Cardage and rope of vegetable fibre		Fish and prawns		Ginger		Hides and skins		Jute and jute products		Metals, minerals and ores		Manioc meals	
		Qty. MT.	Value	Qty. M.T.	Value	Qty. MT.	Value	Qty. MT.	Value	Qty. MT.	Value	Qty. MT.	Value	Qty. MT.	Value
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Algeria	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	Antegua	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	A.R.E.	..	..	..	..	15.00	1.62	..	..	..	..	..	..	..	..
4	Argentina	64.10	3.58	322.73	111.38	84.22	7.85	311.01	7.55	3.35	0.37	290.59	15.67	..	..
5	Australia	22.85	1.35	..	..	..	..	..	..	..	..	134.00	9.35	..	..
6	Austria	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	Barbados	11.50	0.84	152.15	37.63	33.05	2.88	..	..	..	..	30.53	4.60	..	..
8	Belgium	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9	Brazil	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10	Bulgaria	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11	Canada	19.98	1.29	..	..	216.10	22.23	..	..	..	..	6666.55	77.70	..	..
12	Chile	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13	Cyprus	..	..	0.63	0.33	..	..	..	..	..	..	..	..	..	..
14	Czechoslovakia	..	..	..	..	18.00	1.53	..	..	..	..	..	..	..	..
15	Denmark	5.00	0.22	42.88	13.64	32.03	3.52	..	..	..	..	..	..	..	..
16	Dominican Republic	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17	Dubai	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	Dunedin	..	..	..	..	5.00	0.81	..	..	..	..	..	..	..	..
19	Egypt	..	..	..	..	40.00	2.61	..	..	..	..	0.32	0.06	..	..
20	East Germany (GDR)	..	..	9.34	4.81	..	..	..	..	..	..	0.50	0.10	..	..
21	Fiji Island	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22	Finland	5.00	0.35	..	..	..	..	..	..	..	..	100.00	0.32	..	..
23	France	31.00	1.38	2502.85	498.00	214.73	24.95	..	..	..	..	278.19	15.26	..	..
24	Genoa	..	..	..	..	..	..	..	..	..	..	..	..	..	..
25	Greece	6.00	0.26	1.71	0.83	20.65	1.28	..	..	..	..	..	..	..	..
26	Grenanide	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27	Guinea	..	..	..	..	..	..	..	..	..	..	0.48	0.03	..	..
28	Halawi	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29	Holland	2.60	0.11	395.24	86.79	148.31	15.71	..	..	..	..	50.00	0.18	..	..
30	Hong Kong	5.63	0.24	..	..	..	..	..	..	..	..	..	..	..	..
31	Humberg	..	..	..	..	..	..	..	..	..	..	..	..	..	..
32	Hungary	..	..	..	..	225.95	18.50	..	..	..	..	..	..	..	..
33	Italy	..	..	7.84	2.75	10.60	1.17	..	..	..	..	0.20	0.57	..	..
34	Israel	18.00	1.24	..	..	..	..	..	..	..	..	..	..	..	..
35	Ireland	34.83	1.79	..	..	5.00	0.35	..	..	..	..	..	..	..	..
36	Indonesia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
37	Iran	..	..	100.00	2.25	..	..	..	..	..	..	..	..	..	..
38	Irish Republic	3.00	0.16	..	..	..	..	..	..	..	..	..	..	..	..
39	Iraq	..	..	..	..	..	..	..	..	..	..	3.82	0.82	..	..



(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
90	U.K.	245.33	12.58	300.97	121.64	436.15	48.76	..	..	..	..	779.03	97.78	..	..
91	U.A.E.	..	..	89.27	6.71	567.54	51.97	..	..	..	..	1313.19	7.95	..	..
92	U.S.S.R.	..	..	..	..	60.45	7.11	..	..	..	..	1.48	0.49	..	..
93	Uruguay	..	..	..	..	..	..	..	..	..	..	..	..	..	..
94	Venezuela	..	..	..	..	..	..	..	..	..	..	..	..	..	..
95	West Germany	..	..	72.05	30.09	658.75	62.35	..	..	..	..	84453.40	76.52	..	..
96	West Indis	..	..	..	..	..	..	..	..	..	..	..	..	..	..
97	Windward Island	..	..	..	..	..	..	..	..	..	..	..	..	..	..
98	Willington	..	..	..	..	..	..	..	..	..	..	..	..	..	..
99	Yugoslavia	..	..	15.33	5.17	14.00	1.57	..	..	..	..	5.60	1.87	..	..
100	Y.A.R.	..	..	..	..	1328.20	117.80	..	..	..	..	..	..	..	..
101	Yeman	..	..	..	..	37.50	4.15	..	..	..	..	..	..	..	..
102	Zurich	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total		886.58	49.91	32701.38	10431.33	9087.34	899.94	311.25	7.93	10.02	1.51	101547.77	335.84	..	..

14.4.3 (Contd.)

Sl. No.	Countries	Lemongrass Oil		Sandalwood Oil		Other Vegetable Oil		Pepper		Rubber manufactures		Tea	
		Qty. ('000 ltrs.)	Value	Qty. ('000 ltrs.)	Value	Qty. ('000 ltrs.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value
(1)	(2)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)
1	Algeria	..	..	..	..	..	..	..	..	..	..	..	..
2	Antegue	..	..	..	..	..	..	..	..	..	..	..	..
3	A.R.E.	..	..	..	..	..	..	..	..	0.32	0.05	6754.32	886.68
4	Argentina	..	..	..	..	..	..	..	..	..	..	..	..
5	Australia	1.41	0.93	..	..	1.28	3.10	153.63	30.16	40.40	4.96	1155.69	215.64
6	Austria	..	..	..	..	..	..	10.04	2.15	..	..	0.67	0.21
7	Barbados	..	..	..	..	0.10	0.14	5.37	5.54	..	..	..	..
8	Belgium	..	..	..	..	..	..	..	..	..	..	0.11	0.02
9	Brazil	..	..	..	..	..	..	..	..	..	..	..	..
10	Bulgaria	..	..	..	..	..	..	99.66	13.49	..	..	613.75	150.00
11	Canada	..	..	..	..	1.00	1.74	234.94	52.79	..	..	997.72	113.37
12	Chile	..	..	..	..	..	..	..	..	..	..	..	..
13	Cyprus	..	..	..	..	..	..	..	..	..	..	..	..
14	Czechoslovakia	..	..	..	..	..	..	..	..	..	..	..	..
15	Denmark	..	..	..	..	..	..	900.49	202.21	..	..	0.37	0.07
16	Dominico Republic	..	..	..	..	..	..	23.27	2.12	..	..	11.92	2.17
17	Dubai	..	..	..	..	..	..	..	..	..	..	..	..
18	Danedin	..	..	..	..	..	..	..	..	..	..	..	..
19	Egypt	..	..	..	..	..	..	..	..	..	..	..	..
20	East Germany	..	..	..	..	..	..	737.34	123.10	..	..	1112.13	144.48
21	Fiji Island	..	..	..	..	..	..	..	..	..	..	25.00	3.81
		..	..	..	..	..	..	..	..	..	..	1.14	0.82



(1)	(2)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)
71	Sweden	..	..	..	..	0.04	0.20	16.86	4.00	..	..	6.31	1.10
72	Switzerland	..	..	..	..	..	..	4.37	0.89	..	..	2.65	1.33
73	Sri Lanka	..	..	..	..	..	..	..	..	..	..	..	..
74	Suriname	..	..	..	..	..	..	..	..	..	..	..	..
75	St. Lucia	..	..	..	..	..	..	..	..	..	..	..	..
76	St. Vincent	..	..	..	..	..	..	..	..	..	..	..	..
77	St. Laci	..	..	..	..	..	..	..	..	..	..	..	..
78	St. Kittus	..	..	..	..	..	..	..	..	..	..	..	..
79	Saudi Arabia	..	..	..	..	..	..	3.21	0.76	..	..	25.02	5.28
80	Sariman	..	..	..	..	..	..	..	..	..	..	..	..
81	Sudan	..	..	..	..	..	..	36.75	7.45	..	..	13869.58	1275.90
82	Sariman	..	..	..	..	..	..	..	..	..	..	..	..
83	Somaliland	..	..	..	..	..	..	..	..	..	..	..	..
84	Syria	..	..	..	..	..	..	..	..	..	..	..	..
85	Turkey	..	..	..	..	..	..	48.98	7.11	..	..	..	..
86	Tunisia	..	..	..	..	..	..	..	..	..	..	413.56	49.08
87	Trinidad	..	..	..	..	..	..	..	..	..	..	..	..
88	Thaiwan	..	..	..	..	..	..	..	..	..	..	..	..
89	U.S.A.	12.78	8.50	1.60	14.23	34.44	30.17	397.63	120.03	8.49	3.83	3222.33	533.37
90	U.K.	8.02	5.45	0.36	3.28	2.16	1.71	22.74	5.04	6.53	1.67	1364.12	257.14
91	U.A.E.	..	..	..	..	..	..	0.73	0.23	6.01	5.38	53.35	9.87
92	U.S.S.R.	25.00	17.15	..	..	..	..	20384.49	1386.48	6.25	10.81	8084.74	1931.24
93	Uruguay	..	..	..	..	..	..	..	..	..	..	..	..
94	Venezuela	..	..	..	..	..	..	..	..	..	..	..	..
95	West Germany	6.21	4.91	0.10	1.01	1.53	2.04	103.61	28.34	..	..	191.11	40.58
96	West Indies	..	..	..	..	..	..	..	..	..	..	..	..
97	Winward Island	..	..	..	..	..	..	..	..	..	..	..	..
98	Willington	..	..	..	..	..	..	..	..	..	..	..	..
99	Yugoslavia	..	..	..	..	..	..	1259.13	224.53	..	..	..	..
100	Y.A.R.	..	..	..	..	..	..	8.50	1.18	11.44	0.61	534.83	82.27
101	Yeman	..	..	..	..	..	..	..	..	..	..	..	..
102	Zurich	..	..	..	..	..	..	..	..	..	..	..	..
Total		57.67	40.07	2.46	21.78	55.69	44.98	29631.17	2784.46	122.23	42.78	44286.24	6632.41

## 14.4.3. (Contd.)

Sl. No.	Countries	Turmeric		Oil cake		Rose wood		Other kinds of woods		Wood manufactures		Others		Total
		Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	
(1)	(2)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)
1	Algeria	..	..	..	..	..	..	..	..	..	..	..	..	0.88
2	Antigua	..	..	..	..	..	..	..	..	..	..	..	0.06	0.87
3	A.R.E.	..	..	..	..	..	..	..	..	..	..	..	23.81	915.27
4	Argentina	..	..	..	..	..	..	..	..	..	..	..	..	2.06
5	Australia	33.30	3.88	..	..	..	0.93	..	..	..	0.40	..	513.68	1558.91
6	Austria	0.01	0.01	..	..	..	..	..	..	..	..	..	23.95	37.77
7	Barbados	..	..	..	..	..	1.66	..	..	..	..	..	2.51	2.92
8	Belgium	..	..	..	..	..	..	..	..	..	0.03	..	36.35	370.71
9	Brazil	..	..	..	..	..	..	..	..	..	..	..	0.37	0.87
10	Bulgaria	..	..	..	..	..	..	..	..	..	..	..	10.42	188.42
11	Canada	198.26	19.42	..	..	..	1.27	..	..	..	1.91	..	41.16	908.98
12	Chile	..	..	..	..	..	..	..	..	..	..	..	0.75	1.89
13	Cyprus	..	..	..	..	..	..	..	..	..	..	..	..	13.86
14	Czechoslovakia	..	..	..	..	..	..	..	..	..	..	..	3.52	381.31
15	Denmark	2.00	0.25	..	..	..	6.98	..	..	..	..	..	36.23	259.20
16	Dominican Republic	..	..	..	..	..	..	..	..	..	..	..	..	0.56
17	Dubai	..	..	..	..	..	..	..	..	..	..	..	..	0.12
18	Dunedin	..	..	..	..	..	..	..	..	..	..	..	0.51	0.12
19	Egypt	..	..	..	..	..	..	..	..	..	..	..	1.32	1.32
20	East Germany	15.00	22.95	..	..	..	6.47	..	..	..	2.00	..	2.12	149.90
21	Fiji Island	..	..	..	..	..	..	..	..	..	..	..	91.46	309.81
22	Finland	..	..	..	..	..	..	..	0.60	..	2.44	..	3.95	5.42
23	France	50.74	5.99	..	..	..	4.66	..	..	..	0.29	..	2.56	27.72
24	Genoa	..	..	..	..	..	..	..	..	..	..	..	341.87	1614.57
25	Greece	..	..	..	..	..	0.49	..	..	..	0.54	..	0.16	0.16
26	Granade	..	..	..	..	..	..	..	..	..	..	..	2.19	225.69
27	Guinea	..	..	..	..	..	..	..	..	..	..	..	0.44	0.44
28	Halawi	..	..	..	..	..	..	..	..	..	..	..	3.32	3.43
29	Holland	..	..	..	..	..	2.96	..	1.28	..	4.48	..	0.59	0.59
30	Hong Kong	..	..	..	..	..	4.04	..	0.77	..	1.93	..	37.26	734.31
31	Hamburg	..	..	..	..	..	..	..	..	..	..	..	12.30	81.86
32	Hungary	..	..	..	..	..	..	..	..	..	..	..	..	6.10
33	Italy	..	..	..	..	..	98.28	..	0.77	..	1.27	..	9.92	38.98
34	Israel	..	..	..	..	..	..	..	..	..	..	..	107.45	742.45
35	Ireland	..	..	..	..	..	0.01	..	..	..	..	..	0.31	10.80
36	Indonesia	..	..	..	..	..	..	..	..	..	..	..	5.48	66.13
37	Iran	..	..	..	..	..	..	..	..	..	..	..	30.70	30.70
38	Irish Republic	..	..	..	..	..	..	..	..	..	11.91	..	6.15	277.78
39	Iraq	100.00	14.43	..	..	..	..	..	23.06	..	0.27	..	..	0.16
40	Japan	113.98	12.94	206.00	2.04	..	202.77	..	6.14	..	24.04	..	34.82	406.29
													228.01	7133.42

## 14.4.3 (Contd.)

(1)	(2)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)
41	Jamaica	..	..	..	..	..	..	..	..	..	0.59	..	1.55	1.75
42	Jordan	..	..	..	..	..	..	..	..	..	..	..	..	137.33
43	Kenya	..	..	..	..	..	..	..	..	..	..	..	0.69	0.22
44	Kuwait	10.83	1.95	..	..	..	..	..	..	..	4.99	..	29.84	283.94
45	Korea	..	..	..	..	..	0.52	..	..	..	..	..	3.12	57.75
46	Liriosol	..	..	..	..	..	..	..	..	..	..	..	..	0.26
47	Libya	129.96	9.46	..	..	..	..	..	..	..	..	..	70.25	348.26
48	Labanon	..	..	..	..	..	..	..	..	..	..	..	..	22.22
49	Luckland	..	..	..	..	..	..	..	..	..	..	..	..	1.41
50	Mexico	99.99	8.31	..	..	..	..	..	..	..	..	..	5.69	28.04
51	Morocco	..	..	..	..	..	..	..	..	..	..	..	..	26.06
52	Mali	3.00	0.32	..	..	..	..	..	..	..	0.03	..	4.68	5.09
53	Maldive Island	..	..	..	..	..	..	..	..	..	0.75	..	8.41	9.62
54	Malaysia	..	..	..	..	..	0.10	..	..	..	..	..	35.69	71.30
55	Malta	..	..	..	..	..	..	..	..	..	..	..	0.60	0.89
56	Montreal	..	..	..	..	..	..	..	..	..	..	..	..	4.43
57	New Zealand	..	..	..	..	..	0.16	..	..	..	..	..	54.06	158.54
58	Norway	..	..	..	..	..	0.38	..	..	..	0.09	..	5.12	53.87
59	Netherland	23.05	2.52	..	..	..	3.99	..	..	..	1.21	..	28.61	443.52
60	Nevis Augulla	..	..	..	..	..	..	..	..	..	..	..	0.39	0.39
61	Oman	..	..	..	..	..	..	..	..	..	0.02	..	0.29	0.31
62	Pakistan	..	..	..	..	..	..	..	..	..	..	..	..	0.29
63	Poland	..	..	..	..	..	..	..	..	..	..	..	10.31	440.48
64	Portugal	..	..	..	..	..	..	..	..	..	..	..	1.42	27.99
65	Philippines	..	..	..	..	..	..	..	..	..	..	..	1.92	1.92
66	Quatar	..	..	..	..	..	..	..	..	..	..	..	0.43	3.94
67	Rumania	..	..	..	..	..	..	..	..	..	..	..	..	17.04
68	Rotterdam	..	..	..	..	..	..	..	..	..	..	..	..	0.56
69	Singapore	119.00	12.71	..	..	..	6.17	..	4.62	..	1.59	..	29.79	199.41
70	Spain	..	..	..	..	..	4.92	..	1.01	..	2.15	..	7.31	72.01
71	Sweden	..	..	..	..	..	0.24	..	10.59	..	19.85	..	118.44	182.94
72	Switzerland	..	..	..	..	..	0.37	..	..	..	0.30	..	83.22	106.53
73	Srilanka	..	..	..	..	..	..	..	..	..	..	..	119.70	133.15
74	Suriname	..	..	..	..	..	..	..	..	..	..	..	2.78	2.78
75	St. Lucia	..	..	..	..	..	..	..	..	..	..	..	1.71	1.71
76	St. Vincent	..	..	..	..	..	..	..	..	..	..	..	0.24	0.28
77	St. Laciop	..	..	..	..	..	..	..	..	..	..	..	0.04	0.04
78	St. Kirtus	..	..	..	..	..	..	..	..	..	..	..	..	0.20
79	Saudi Arabia	45.50	4.79	..	..	..	0.27	..	..	..	2.26	..	58.82	406.40
80	Sarlman	..	..	..	..	..	..	..	..	..	..	..	..	0.62
81	Sudan	..	..	..	..	..	..	..	..	..	..	..	2.71	1290.03
82	Sarimanu	..	..	..	..	..	..	..	..	..	..	..	0.21	2.43
83	Somalia land	19.95	2.07	..	..	..	..	..	..	..	0.05	..	6.76	10.60
84	Syria	..	..	..	..	..	..	..	..	..	..	..	2.73	3.04
85	Turkey	..	..	..	..	..	..	..	..	..	..	..	..	14.61
86	Tunisia	..	..	..	..	..	..	..	..	..	..	..	0.96	50.34





14. 4. 4. (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
22	Japan	..	..	1193.66	85.32	..	..	..	..	..	..	10280.20	1068.04	..	..
23	Kenya	..	..	20.00	0.39	..	..	..	..	..	..	..	..	..	..
24	Korea	..	..	..	..	..	..	..	..	..	..	..	..	..	..
25	Korea (S)	..	..	..	..	..	..	..	..	..	..	..	..	..	..
26	Kuwait	..	..	40800.42	399.06	2000.00	21.75	..	..	..	..	..	..	..	..
27	Malaysia	..	..	..	..	..	..	3191.77	131.50	..	..	..	..	..	..
28	Mali	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29	Mexico	..	..	..	..	..	..	..	..	..	..	..	..	..	..
30	Morocco	..	..	66714.00	304.87	..	..	..	..	..	..	..	..	..	..
31	Mozambia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
32	Netherland	..	..	102.30	35.39	..	..	..	..	..	..	..	..	..	..
33	Norway	..	..	..	..	..	..	..	..	0.16	0.01	1394.18	141.94	..	..
34	Poland	..	..	19331.00	105.58	..	..	..	..	..	..	..	..	..	..
35	Quatar	..	..	6010.27	64.96	..	..	..	..	..	..	..	..	..	..
36	Rumenia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
37	Singapore	..	..	..	..	..	..	75.00	3.14	..	..	..	..	..	..
38	Spain	..	..	..	..	..	..	..	..	..	..	..	..	..	..
39	Srilanka	..	..	..	..	..	..	..	..	..	..	..	..	..	..
40	Sudan	..	..	..	..	..	..	..	..	2099.00	418.72	34.13	7.63	..	..
41	Sweden	..	..	..	..	..	..	..	..	..	..	1547.67	169.21	1.26	0.28
42	Switzerland	..	..	0.01	0.03	..	..	..	..	..	..	..	..	..	..
43	Tanzania	11859	526.01	..	..	..	..	..	..	..	..	..	..	..	..
44	Thailand	..	..	..	..	..	..	..	..	..	..	..	..	..	..
45	Turkey	..	..	..	..	..	..	..	..	12.00	1.67	..	..	..	..
46	U.A.E.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
47	U.K.	..	..	128.48	19.10	..	..	..	..	..	..	987.01	78.69	7.32	0.88
48	U.S.A.	..	..	145.75	108.80	1.95	0.36	..	..	210.00	44.58	..	..	..	..
49	U.S.S.R.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
50	Venice	..	..	..	..	..	..	..	..	..	..	..	..	..	..
51	Yugoslavia	..	..	..	..	..	..	..	..	..	..	463.75	44.13	..	..
<b>Total</b>		11859	526.01	215673.58	1715.09	2001.95	22.11	3518.77	143.95	2945.10	592.36	105519.60	3255.43	9.76	1.20

## 14.4.4. (Contd.)

Sl. No.	Name of Country	Cotton other manufacturers		Drugs and medicines		Dying and Tanning substances		Fruits and Vegetables including dates		Paddy rice and other food grains		Gums and Resins		Hardware and Cutlery	
		Qty. M.T.	Value Rs. lakhs	Qty. M.T.	Value Rs. lakhs	Qty. M.T.	Value Rs. lakhs	Qty. M.T.	Value Rs. lakhs	Qty. M.T.	Value Rs. lakhs	Qty. M.T.	Value Rs. lakhs	Qty. M.T.	Value Rs. lakhs
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Africa														
2	Africa (E)					1000.00	42.99								
3	Australia														
4	Austria														
5	Belgium		0.04			0.10	0.04								
6	Canada														
7	Czechoslovakia													226.80	1.27
8	Denmark														
9	Egypt														
10	Finland														
11	France														
12	Germany (E)														
13	Germany (W)		1.73	2.53	0.62	0.33	1.22	0.97	2.51	1.33	0.31	10.93	1.11		
14	Guatemala														
15	Holland								0.46						
16	Hongkong														
17	Hungary														
18	India (outer roads)														
19	Iran														
20	Iraq														
21	Italy			0.76	0.07										
22	Japan		0.43			0.01	0.03	1.18	3.84	0.09	0.02	1.65	0.54	22.00	0.11
23	Kenya											518.68	41.77		
24	Korea														
25	Korea (S)													50034.00	381.92
26	Kuwait		0.06											50287.00	244.77
27	Malaysia														
28	Mali							10.00	0.61						
29	Mexico														
30	Morocco														
31	Mozambique					2588.42	111.66								
32	Netherlands			0.33	0.03	2.39	0.18								
33	Norway		16.17												
34	Poland														
35	Quatar														
36	Rumania														
37	Singapore													69.00	0.36







## 14.5.1—Foreign imports into the ports of Kerala—Country-wise and commodity-wise (1979-80)

(Value Rs. in lakhs)

Sl. No.	Countries	Cashewnut (raw)		Chemicals including sulphur		Coal, coke and patent fuel		Copra		Cotton raw and waste		Cotton twist and yarn		Cotton price goods		Cotton other manufactures	
		Qty. M.T.	Value	Qty. M.T.	Value	Qty. M.T.	Value	Qty. M.T.	Value	Qty. M.T.	Value	Qty. M.T.	Value	Qty. M.T.	Value	Qty. M.T.	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Australia	..	..	..	..	..	..	..	..	..	..	183.24	7.21	..	..	2.05	1.00
2	Austria	..	..	..	..	..	..	..	..	..	..	97.46	13.42	..	..	..	..
3	Baham	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	Belgium	..	..	4.25	0.48	..	..	..	..	..	..	..	..	..	..	..	..
5	Bremen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.39	0.40
6	Canada	..	..	34398.76	230.41	..	..	..	..	..	..	67.15	7.20	..	..	..	..
7	Denmark	..	..	0.06	0.02	..	..	..	..	..	..	..	..	..	..	..	..
8	Egypt	..	..	..	..	..	..	..	..	..	..	0.39	0.07	..	..	..	..
9	Finland	..	..	..	..	..	..	..	..	..	..	19.58	2.57	..	..	..	..
10	France	..	..	155.00	13.08	..	..	..	..	..	..	296.20	30.49	..	..	13.31	2.32
11	Germany (East)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12	Germany (West)	..	..	5154.20	125.99	..	..	..	..	..	..	711.80	75.73	15.70	0.31	1.00	0.09
13	Greece	..	..	..	..	..	..	..	..	..	..	49.98	6.71	..	..	..	..
14	Holland	..	..	0.19	0.36	..	..	..	..	..	..	24.73	3.63	..	..	..	..
15	Hongkong	..	..	21.52	5.90	..	..	..	..	..	..	25.15	3.37	..	..	..	..
16	Indonesia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17	Indonesia	..	..	94688.00	977.60	..	..	..	..	..	..	..	..	..	..	..	..
18	Iraq	..	..	17114.00	241.12	..	..	..	..	..	..	..	..	..	..	..	..
19	Italy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	Japan	..	..	5607.18	298.83	..	..	..	..	..	..	1176.86	152.79	..	..	..	..
21	Kenya	2010.00	113.05	..	..	..	..	..	..	..	..	1960.86	415.00	60.58	1.43	..	..
22	Korea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23	Kuwait	..	..	22463.11	517.35	..	..	..	..	..	..	..	..	..	..	0.29	0.07
24	Madagascar	245.00	10.91	..	..	..	..	..	..	..	..	..	..	..	..	..	..
25	Maldives Island	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
26	Mali	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27	Morocco	..	..	132862.70	934.73	..	..	..	..	..	..	..	..	..	..	..	..
28	Mozambique	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29	Netherlands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
30	Newzealand	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
31	Norway	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
32	Pakistan	..	..	..	..	..	..	..	..	..	..	700.97	108.57	..	..	..	..
33	Philadelpia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
34	Philippines	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
35	Poland	..	..	32753.00	304.84	..	..	..	..	..	..	..	..	..	..	..	..
36	Quatar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
37	Rumenia	..	..	11121.75	137.52	..	..	..	..	..	..	..	..	..	..	..	..







## 14.5.1—(Contd.)

Sl. No.	Countries	Manures		Metals, minerals and ores		Kerosene oil		Lubricating oil		Other mineral oil including fuel oil <sup>a</sup>		Vegetable oil		Other kinds of oil	
		Qty. M. T.	Value	Qty. M. T.	Value	Qty. 1000 litres	Value	Qty. 1000 litres	Value	Qty. 1000 litres	Value	Qty. 1000 litres	Value	Qty. 1000 litres	Value
(1)	(2)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)
1	Australia	..	..	250.00	13.97	..	..	..	..	..	..	..	..	..	..
2	Austria	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	Baharin	..	..	36.00	5.28	..	..	..	..	..	..	..	..	..	..
4	Belgium	..	..	137.25	4.89	..	..	..	..	129.00	3.92	..	..	..	..
5	Bremen	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6	Canada	24300.00	288.77	..	..	..	..	..	..	..	..	..	..	..	..
7	Denmark	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	Egypt	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9	Finland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10	France	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11	Germany (E)	13700.00	112.48	..	..	..	..	..	..	..	..	..	..	..	..
12	Germany (W)	7762.20	190.56	1466.66	79.32	..	..	..	..	..	..	..	..	505.06	43.03
13	Greece	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14	Holland	2.83	..	..	3.00	0.60	..	..	..	..	..	..	..	..	..
15	Hongkong	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16	Indonesia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17	Iraq	..	..	7000.00	63.39	..	..	..	..	1798119.25	38048.76	..	..	..	..
18	Iran	..	..	..	..	..	..	..	..	442345.92	5699.73	..	..	..	..
19	Italy	..	..	9.35	1.57	..	..	..	..	..	..	..	..	..	..
20	Japan	..	..	1369.51	114.53	..	..	..	..	..	..	..	..	..	..
21	Kenya	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22	Korea	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23	Kuwait	15803.00	1235.01	87.63	11.36	..	..	..	..	..	..	..	..	..	..
24	Madagascar	..	..	..	..	..	..	..	..	..	..	..	..	..	..
25	Maldiva Island	..	..	..	..	..	..	..	..	..	..	..	..	..	..
26	Mali	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27	Morocco	..	..	69372.00	471.56	..	..	..	..	27260.00	700.07	..	..	..	..
28	Mozambique	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29	Netherland	..	..	19.65	5.41	..	..	..	..	..	..	..	..	..	..
30	Newzealand	..	..	11.99	6.03	..	..	..	..	..	..	..	..	..	..
31	Norway	..	..	..	..	..	..	..	..	..	..	..	..	..	..
32	Pakistan	..	..	..	..	..	..	..	..	..	..	..	..	..	..
33	Philadelpia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
34	Philippines	..	..	12.00	70.90	..	..	..	..	..	..	..	..	..	..
35	Poland	27173.00	446.67	12858.76	610.35	..	..	..	..	..	..	..	..	..	..
36	Quatar	..	..	0.25	26.38	..	..	..	..	..	..	..	..	..	..
37	Rumenia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
38	Saudi Arabia	11600.00	183.09	..	..	..	..	..	..	28097.95	178.22	..	..	..	..
39	Singapore	65.00	0.80	813.68	118.86	..	..	..	..	..	..	197.60	15.20	..	..



## 14.5.1 (Contd.)

(1)	(2)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)
21	Kenya	..	..	..	..	..	..	..	..	..	..	..	..	..	..	113.05
22	Korea	..	..	30294.95	170.95	..	..	..	..	..	..	..	..	..	89.71	744.69
23	Kuwait	..	..	..	..	..	..	..	..	..	..	..	..	..	0.09	1763.88
24	Madagascar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10.91
25	Maldivé Island	..	..	..	..	..	..	..	..	..	..	..	..	..	0.32	0.32
26	Mali	..	..	..	..	..	..	..	..	..	..	..	..	..	0.44	0.44
27	Morocco	..	..	..	..	..	..	..	..	..	..	..	..	..	129.80	8538.16
28	Mozambique	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23.39
29	Netherland	..	..	29.99	4.39	..	..	..	..	..	..	..	..	..	62.77	77.42
30	New Zealand	..	..	335.88	20.48	..	..	..	..	..	..	..	..	..	26.83	47.36
31	Norway	..	..	..	..	..	..	..	..	..	..	..	..	..	3.24	132.35
32	Pakistan	..	..	..	..	..	..	..	..	..	..	..	..	..	0.01	0.29
33	Philadelpia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.31
34	Philippines	..	..	2.58	0.70	..	..	..	..	..	..	..	..	..	..	71.60
35	Poland	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1363.69
36	Quatar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26.38
37	Rumenia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	137.52
38	Saudi Arabia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	363.77
39	Singapore	..	..	0.11	0.01	..	..	..	..	..	..	..	..	..	4.78	147.12
40	Spain	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6.10
41	Sri Lanka	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3.46
42	Sweden	..	..	0.19	0.06	..	..	..	..	..	..	..	..	..	..	342.47
43	Switzerland	..	..	19.93	2.85	..	..	..	..	..	..	..	..	..	91.85	342.47
44	Tanzania	..	..	..	..	..	..	..	..	..	..	..	..	..	2.13	31.83
45	Thailand	..	..	..	..	..	..	..	..	..	..	..	..	..	..	825.63
46	Thaiwan	..	..	..	..	..	..	..	..	..	..	..	..	..	0.18	4.47
47	U. S. S. R.	..	..	7900.85	351.98	..	..	..	..	..	..	..	..	..	0.49	27.11
48	U. K.	..	..	6.31	0.84	..	..	..	..	..	..	..	..	..	..	74.07
49	U. S. A.	..	..	0.22	0.17	..	..	..	..	1.11	1.23	..	..	..	192.45	1739.19
50	U. A. E.	..	..	..	..	..	..	32.53	11.91	2.41	1.50	..	..	..	379.74	2267.55
51	Yugoslavia	..	..	..	..	..	..	..	..	0.04	0.05	..	..	..	1.25	2721.14
	Total	..	..	59419.36	1411.75	16.32	2.01	196.84	25.93	35.28	12.04	..	..	..	1715.60	71963.51

## 14. 5. 2—Foreign exports from the port of Cochin (Country-wise and Commodity-wise)—1979-80

(Value Rs. in lakhs)

Sl. No.	Countries	Bricks and tiles		Cardamom		Cashew kernels		Cashew shell liquid		Coffee		Coir yarn and fibre	
		Qty. ('000 Nos.)	Value	Qty.	Value	Qty.	Value	Qty. ('000 krs.)	Value	Qty.	Value	Qty.	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Algeria	..	..	..	..	..	..	..	..	..	..	5.25	0.33
2	A.R.E.	..	..	..	..	..	..	..	..	..	..	..	..
3	Argentina	..	..	..	..	..	..	..	..	..	..	..	..
4	Abudabi	..	..	..	..	..	..	..	..	..	..	..	..
5	Australia	..	..	22.50	22.13	1169.80	481.90	3.00	0.44	589.60	176.91	159.42	11.53
6	Austria	..	..	..	..	..	..	..	..	..	..	20.00	1.08
7	Barbados	..	..	..	..	..	..	..	..	..	..	..	..
8	Baharin	..	..	..	..	..	..	..	..	..	..	..	..
9	Brazil	..	..	..	..	..	..	..	..	..	..	..	..
10	Bulgaria	..	..	..	..	91.65	25.15	..	..	160.20	49.22	15.00	1.22
11	Belgium	..	..	8.00	1.05	46.22	11.81	40.66	5.08	133.00	45.10	1169.55	59.23
12	Canada	..	..	10.75	1.50	877.56	240.44	9.00	2.46	110.70	32.40	111.27	6.62
13	Charlton	..	..	..	..	..	..	..	..	..	..	..	..
14	Chile	..	..	..	..	..	..	..	..	..	..	..	..
15	Cyprus	..	..	..	..	42.46	15.21	..	..	..	..	..	..
16	Czechoslovakia	..	..	..	..	187.11	63.73	95.00	10.83	9.90	2.64	..	..
17	Denmark	..	..	..	..	..	..	..	..	..	..	..	..
18	Doha	..	..	..	..	27.22	12.75	..	..	..	..	244.29	18.24
19	Dubai	..	..	..	..	..	..	..	..	..	..	..	..
20	Dominic Republ:	..	..	..	..	..	..	..	..	..	..	..	..
21	Egypt	..	..	1.75	0.26	..	..	..	..	..	..	..	..
22	Finland	..	..	..	..	..	..	..	..	..	..	31.30	2.05
23	Fiji Island	..	..	..	..	..	..	..	..	..	..	..	..
24	France	..	..	10.00	1.97	149.68	47.50	..	..	547.96	208.50	5335.89	442.42
25	Germany (East)	..	..	31.00	39.30	34.02	13.80	20.00	3.09	694.80	214.25	328.40	26.52
26	Germany (West)	..	..	5.95	1.25	513.68	132.85	141.90	16.60	2413.06	830.25	3651.95	221.37
27	Greece	..	..	..	..	8.17	2.89	..	..	340.22	89.89	168.86	9.46
28	Grenaide	..	..	..	..	..	..	..	..	..	..	..	..
29	Grangemouth	..	..	..	..	..	..	..	..	..	..	..	..
30	Holland	..	..	..	..	1286.66	435.49	..	..	362.25	101.52	336.39	28.22
31	Hong Kong	8.00	0.39	..	..	1150.82	207.10	..	..	..	..	37.50	2.75
32	Hungary	..	..	..	..	..	..	..	..	..	..	2.63	0.25
33	Island	..	..	..	..	..	..	..	..	..	..	12.50	0.61
34	Iran	..	..	..	..	..	..	..	..	..	..	..	..
35	Irish Republic	..	..	..	..	..	..	..	..	..	..	..	..
36	Indonesia	..	..	..	..	..	..	..	..	..	..	..	..
37	Ireland	..	..	..	..	..	..	4.50	1.63	..	..	3.75	0.16
38	Iraq	..	..	140.00	20.89	..	..	..	..	100.00	38.47	3.10	1.95





## 14.5.2--(Contd.)

(1)	(2)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(27)	(27)	(28)
26	Germany (West)	2441.18	251.18	2.00	0.12	381.15	53.92	937.94	28.82	..	..	..	122.95	..	16.97
27	Greece	359.55	44.84	6.00	0.46	2.64	0.53	6.10	0.42	..	..	..	8.59	..	0.79
28	Grenade	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29	Grange mouth	..	..	..	..	32.32	5.49	..	..	..	..	..	..	..	..
30	Holland	81.36	9.77	..	..	769.95	169.27	32.02	2.49	10.10	0.32	..	..	..	..
31	Hong Kong	34.05	7.91	..	..	11.63	3.45	..	..	..	..	..	0.37	..	0.18
32	Hungary	..	..	..	..	..	..	15.00	0.98	..	..	..	21.33	..	1.63
33	Iceland	..	..	..	..	..	..	5.00	0.36	..	..	..	..	..	..
34	Iran	41.25	6.92	..	..	..	..	125.12	8.43	..	..	..	..	..	..
35	Irish Republic	0.15	0.01	..	..	..	..	..	..	..	..	..	..	..	..
36	Indonesia	..	..	..	..	..	..	..	..	..	..	..	0.46	..	0.51
37	Ireland	16.40	1.30	3.00	0.21	..	..	..	..	..	..	..	..	..	..
38	Iraq	37.40	3.95	255.67	10.33	..	..	..	..	..	..	..	1323.52	..	5.01
39	Italy	1241.77	152.91	4.00	0.29	14.00	3.92	31.00	2.15	..	..	..	10.35	..	1.29
40	Israel	13.02	1.40	..	..	..	..	..	..	..	..	..	..	..	..
41	Japan	503.89	94.62	338.23	23.51	64709.97	10490.97	242.00	13.90	..	..	..	1222.15	..	9.44
42	Jamaica	..	..	..	..	..	..	..	..	..	..	..	..	..	..
43	Jordan	14.01	1.97	15.00	1.09	..	..	..	..	..	..	..	11.91	..	1.13
44	Kenya	..	..	..	..	..	..	..	..	..	..	..	..	..	..
45	Korea	..	..	..	..	..	..	3.00	0.17	..	..	..	..	..	..
46	Kuwait	49.67	6.23	..	..	..	..	9.60	0.55	..	..	1.06	0.12	..	0.05
47	Lebanon	42.97	5.37	..	..	..	..	..	..	..	..	..	..	..	..
48	Libya	..	..	..	..	..	..	..	..	..	..	..	..	..	..
49	Mali	..	..	10.00	0.21	..	..	..	..	..	..	..	252.78	..	39.61
50	Malta	1.50	0.14	..	..	..	..	..	..	..	..	..	..	..	..
51	Malaysia	..	..	..	..	11.46	2.95	..	..	..	..	..	..	..	..
52	Mexico	..	..	..	..	..	..	..	..	..	..	..	..	..	..
53	Morocco	..	..	..	..	..	..	..	..	..	..	..	..	..	..
54	Mount serret	..	..	..	..	..	..	1804.92	96.95	..	..	..	..	..	..
55	Nepal	2.50	0.24	..	..	..	..	..	..	..	..	..	..	..	..
56	Netherlands	79.73	9.47	2.00	0.08	1171.98	288.51	61.50	3.61	59.33	2.54	..	110.00	..	0.80
57	Norway	8.68	0.99	..	..	..	..	4.00	0.34	..	..	..	..	..	..
58	New Zealand	59.96	7.91	..	..	..	..	22.08	1.47	..	..	..	33.23	..	1.86
59	New Orleans	..	..	..	..	..	..	..	..	..	..	..	..	..	..
60	Nevis Anginalla	..	..	..	..	..	..	..	..	..	..	..	..	..	..
61	Oman	..	..	..	..	..	..	..	..	..	..	..	..	..	..
62	Pakistan	..	..	..	..	14.62	2.49	..	..	..	..	..	..	..	..
63	Paraguay	2.13	0.23	..	..	..	..	..	..	..	..	..	..	..	..
64	Poland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
65	Portugal	61.35	5.02	..	..	..	..	..	..	..	..	..	..	..	..
66	Philippines	..	..	..	..	..	..	..	..	..	..	..	..	..	..
67	Quartar	..	..	..	..	..	..	..	..	..	..	..	..	..	..
68	Rumenia	0.29	0.04	..	..	..	..	..	..	..	..	..	..	..	..
69	Somalia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
70	Singapore	5.20	0.72	..	..	265.11	39.15	203.77	10.92	..	..	..	6.00	..	1.27
71	Saudi Arabia	36.41	4.02	6.43	1.10	42.84	4.35	779.51	42.95	..	..	..	1.40	..	1.32





(1)	(2)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)
14	Chile	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15	Cyprus	6.39	0.32	..	..	..	..	..	..	776.35	99.80	..	..	..	..
16	Czechoslovakia	..	..	..	..	..	..	..	..	18.05	1.90	..	..	3.34	0.60
17	Denmark	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	Doha	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19	Dubai	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	Dominican Republic	..	..	..	..	..	..	..	..	..	..	..	..	931.01	54.32
21	Egypt	..	..	..	..	..	..	0.11	0.05	..	..	..	..	..	..
22	Finland	..	..	..	..	..	..	..	..	4.90	1.40	..	..	..	..
23	Fiji Island	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24	France	36.06	3.06	3.77	2.03	0.75	5.77	305.37	31.18	219.94	30.41	0.20	0.20	36.31	6.50
25	Germany (East)	..	..	..	..	..	..	..	..	797.73	112.83	..	..	15.00	2.00
26	Germany (West)	100.05	7.21	11.81	8.00	0.15	1.10	120.86	6.73	582.03	78.83	..	..	284.75	46.78
27	Greece	8.09	1.48	..	..	..	..	..	..	..	..	3.34	0.87	..	..
28	Grenaide	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29	Grangemouth	..	..	..	..	..	..	..	..	..	..	..	..	..	..
30	Holland	8.00	0.60	..	..	0.33	2.32	12.88	2.92	92.87	14.27	..	..	293.35	36.26
31	Hong Kong	55.44	2.37	..	..	..	..	..	..	..	..	..	..	4.60	0.61
32	Hungary	..	..	..	..	..	..	..	..	..	..	..	..	30.00	5.10
33	Iceland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
34	Iran	..	..	..	..	..	..	..	..	..	..	..	..	..	..
35	Irish Republic	..	..	..	..	..	..	..	..	..	..	..	..	297.20	38.69
36	Indonesia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
37	Ireland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
38	Iraq	..	..	19.73	1.34	..	..	..	..	99.96	16.50	307.32	45.47	2351.71	322.49
39	Italy	14.62	1.09	0.36	0.26	..	..	..	..	1259.11	237.14	..	..	85.34	18.42
40	Israel	..	..	..	..	..	..	..	..	..	..	..	..	..	..
41	Japan	552.10	65.50	..	..	0.10	0.79	10.52	2.75	1219.68	184.20	..	..	498.71	97.38
42	Jamaica	..	..	..	..	..	..	..	..	..	..	..	..	..	..
43	Jordan	10.00	0.77	..	..	..	..	..	..	29.96	4.81	..	..	135.01	26.82
44	Kenya	..	..	..	..	..	..	..	..	..	..	..	..	40.00	2.00
45	Korea	2.00	0.30	..	..	..	..	..	..	..	..	..	..	..	..
46	Kuwait	..	..	..	..	..	..	..	..	98.35	22.83	9.97	1.07	..	2.99
47	Lebanon	..	..	..	..	..	..	..	..	..	..	..	..	..	..
48	Libya	..	..	..	..	..	..	..	..	..	..	..	..	..	..
49	Mali	..	..	..	..	..	..	..	..	..	..	..	..	..	..
50	Malta	..	..	..	..	..	..	..	..	..	..	..	..	..	..
51	Malaysia	..	..	..	..	..	..	0.05	0.10	..	..	..	..	..	..
52	Mexico	26.42	1.90	..	..	..	..	..	..	49.98	7.36	..	..	220.53	36.54
53	Morocco	..	..	..	..	..	..	..	..	..	..	..	..	..	..
54	Mount Serret	..	..	..	..	..	..	..	..	..	..	..	..	..	..
55	Nepal	..	..	..	..	..	..	..	..	..	..	..	..	..	..
56	Netherland	8.50	0.52	..	..	..	..	10.13	2.57	5.30	0.84	0.06	0.01	26.40	2.09
57	Norway	..	..	..	..	..	..	..	..	3.05	0.49	..	..	45.00	4.53
58	New Zealand	3.37	0.44	..	..	..	..	0.03	0.04	1.52	0.23	30.00	1.04	64.40	8.61



## 14.5.2--(Contd.)

Sl. No.	Countries	Turmeric		Oilcake		Rosewood		Other kinds of wood		Wood manufacture		Others		Total
		Qty. MT.	Value	Qty. MT.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	
(1)	(2)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)
1	Algeria	..	..	..	..	..	..	..	..	..	..	..	..	103.55
2	A. R. E.	..	..	..	..	..	..	..	..	..	..	..	..	609.11
3	Argentina	..	..	..	..	..	..	..	..	..	..	..	51.24	0.22
4	Abudabi	..	..	..	..	..	..	..	..	..	..	..	..	1.87
5	Australia	25.70	2.10	..	..	..	0.07	..	..	..	..	..	730.85	2157.74
6	Austria	..	..	..	..	..	..	..	..	..	..	..	18.68	26.47
7	Barbados	..	..	..	..	..	..	..	..	..	..	..	0.01	0.01
8	Baharin	..	..	..	..	..	..	..	..	..	..	..	10.88	10.88
9	Brazil	..	..	..	..	..	..	..	..	..	..	..	0.50	0.50
10	Bulgaria	..	..	..	..	..	..	..	..	..	..	..	10.69	118.37
11	Belgium	..	..	..	..	..	..	0.17	..	..	0.05	..	89.27	450.47
12	Canada	170.94	13.72	..	..	..	10.53	..	0.57	..	0.37	..	89.27	324.22
13	Charlton	..	..	..	..	..	..	..	..	..	..	..	3.56	3.56
14	Chile	..	..	..	..	..	..	..	..	..	..	..	0.59	4.25
15	Cyprus	5.04	0.55	..	..	..	..	..	..	..	..	..	0.49	17.54
16	Czechoslovakia	20.98	2.57	..	..	..	..	..	..	..	..	..	18.10	203.11
17	Denmark	..	..	..	..	..	..	..	..	..	..	..	69.68	372.68
18	Doha	..	..	..	..	..	..	..	0.87	..	..	..	..	13.62
19	Dubai	..	..	..	..	..	..	..	..	..	0.68	..	1.91	9.65
20	Dominican Republic	..	..	..	..	..	..	..	..	..	..	..	0.55	0.55
21	Egypt	7.50	0.66	..	..	..	..	..	..	..	..	..	1.45	61.92
22	Finland	..	..	..	..	..	..	..	..	..	..	..	8.02	27.01
23	Fiji Island	..	..	..	..	..	..	..	..	..	..	..	0.22	0.35
24	France	22.42	1.92	..	..	..	6.36	..	..	..	1.22	..	1082.57	2397.06
25	Germany (East)	..	..	..	..	..	..	..	..	..	..	..	18.02	447.93
26	Germany (West)	31.32	3.21	..	..	..	52.30	..	4.08	..	14.62	..	608.72	2385.59
27	Greece	..	..	..	..	..	0.85	..	0.07	..	..	..	3.30	155.79
28	Granide	..	..	..	..	..	..	..	..	..	..	..	0.13	0.13
29	Grange mouth	..	..	..	..	..	..	..	..	..	..	..	..	3.49
30	Holland	..	..	..	..	..	0.44	..	..	..	..	..	23.06	826.95
31	Hong Kong	..	..	..	..	..	4.65	..	..	..	2.53	..	180.93	412.85
32	Hungary	..	..	..	..	..	..	..	..	..	..	..	..	7.96
33	Iceland	..	..	..	..	..	..	..	..	..	..	..	..	0.97
34	Iran	..	..	..	..	..	..	..	..	..	..	..	8.68	24.03
35	Irish Republic	..	..	..	..	..	..	..	..	..	..	..	..	38.70
36	Indonesia	..	..	..	..	..	..	..	..	..	..	..	73.07	73.58
37	Ireland	..	..	..	..	..	..	..	..	..	..	..	19.08	54.56
38	Iraq	..	..	..	..	..	43.19	..	14.16	..	..	..	66.05	589.80
39	Italy	1.00	0.08	..	..	..	..	..	0.24	..	6.29	..	161.63	1202.49
40	Israel	..	..	..	..	..	..	..	..	..	..	..	3.57	6.05
41	Japan	139.99	8.19	..	..	..	479.39	..	10.95	..	66.03	..	574.79	14376.75
42	Jamaica	..	..	..	..	..	..	..	..	..	..	..	0.05	0.05
43	Jordan	..	..	..	..	..	..	..	..	..	..	..	36.83	73.42



## 14.5.3.—Foreign Exports through the Intermediate and minor ports of Kerala 1979-80

## I. Intermediate Ports

## 1. Kozhikode:

(Rs. in lakhs)

(1) Bricks and tiles :			
Sri Lanka	52.00	('000 Nos.)	0.38
Kuwait	238.00	"	2.09
U.A.E.	42.00	"	0.53
(2) Coir yarn and Fibre:			
Kuwait	143.51	(M. T.)	7.11
Qatar	12.97	"	0.69
U. A. E.	64.97	"	3.69
Oman	5.60	"	0.31
Iran	3.50	"	0.13
(3) Coir Products :			
Qatar	0.61	"	0.03
Baharin	6.11	"	0.31
U. A. E.	25.50	"	1.35
Oman	6.41	"	0.31
Kuwait	3.18	"	0.16
(4) Ginger			
Kuwait	0.96	"	0.06
U. A. E.	0.71	"	0.04
Baharin	0.50	"	0.03
(5) Jute and Jute Products :			
Kuwait	0.16	"	0.12
(6) Pepper			
Baharin	0.85	"	0.16
U. A. E.	0.45	"	0.09
(7) Rosewood			
Iran	..		0.02
Qatar	..		0.07
Baharin	..		0.01
Kuwait	..		0.07
U. A. E.	..		0.16
(8) Turmeric			
Baharin	2.50	"	0.17
(9) Other kind of wood :			
Oman	..		13.70
Singapore	..		2.35
Iran	..		3.76
U. A. E.	..		13.63
Kuwait	..		5.19
Qatar	..		9.08
Baharin	..		0.90

## (10) Wood Manufactures :

Quatar	..	10.97
Iran	..	1.03
Oman	..	8.87
U. A. E.	..	21.09
Kuwait	..	17.67
Baharin	..	9.81

## (11) Others

Quatar	--	1.68
U. A. E.	..	16.48
Oman	..	2.94
Kuwait	..	13.54
Iran	..	0.43
Baharin	..	4.88

## 2. Neendakara:

## (1) Metals, minerals and ores:

U. S. A.	17360.00	(M. T.)	76.97
Holland	19950.00	"	74.72
Japan	70765.00	"	105.06

## #1. Minor Ports :

1. Trivandrum
2. Quilon
3. Alleppey
4. Ponnani
5. Tellicherry
6. Cannanore
7. Azheshkal
8. Kasargode
9. Badagara
10. Beypore

Nil

14.6.1—Foreign exports from the ports of Kerala—1980-81

(Qty. in Tonnes and Rs. in lakhs)

Sl. No.	Countries	Bricks and Tiles		Cardamom		Cashew Kernelst		Cashew shell liquid		Coffee		Coir Yarn and Fibre	
		Nos.	Rs.	Qty.	Rs.	Qty.	Rs.	Qty.	Rs.	Qty.	Rs.	Qty.	Rs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Algeria	..	..	..	..	..	..	..	..	..	..	83.25	6.50
2	A.R.E.	..	..	6.00	5.67	..	..	..	..	..	..	..	..
3	Argentina	..	..	..	..	757.99	345.41	..	..	781.26	158.13	108.70	26.13
4	Australia	..	..	..	..	..	..	..	..	..	..	..	..
5	Austria	..	..	..	..	4.54	1.00	120.00	9.97	47.40	12.11	117.03	10.57
6	Belgium	..	..	..	..	..	..	..	..	..	..	220.00	7.43
7	Bulgaria	..	..	..	..	..	..	..	..	..	..	..	..
8	Brazil	..	..	..	..	..	..	..	..	..	..	..	..
9	Baharin	..	..	..	..	..	..	..	..	..	..	..	..
10	Barbados	..	..	..	..	..	..	..	..	..	..	..	..
11	Canada	..	..	1.19	1.78	119.41	53.25	..	..	300.42	53.92	186.08	17.11
12	China	..	..	..	..	..	..	..	..	..	..	..	..
13	Chile	..	..	..	..	..	..	..	..	..	..	..	..
14	Cyprus	..	..	..	..	..	..	..	..	..	..	0.49	0.21
15	Czechoslovakia	..	..	..	..	435.28	216.04	126.00	5.69	568.70	119.46	225.90	14.87
16	Denmark	..	..	..	..	..	..	..	..	..	..	31.85	2.47
17	Dubai	..	..	..	..	..	..	..	..	..	..	..	..
18	Dominican Republic	..	..	..	..	..	..	..	..	..	..	..	..
19	Egypt	..	..	..	..	..	..	..	..	..	..	7.50	0.57
20	Finland	..	..	..	..	..	..	..	..	..	..	..	..
21	Fiji Island	..	..	..	..	..	..	..	..	..	..	..	..
22	France	..	..	3.00	2.25	68.74	31.60	..	..	217.47	49.14	2831.50	232.85
23	Germany (West)	..	..	23.00	20.16	141.54	60.84	115.00	5.89	1373.70	279.51	878.02	73.37
24	Germany (East)	..	..	..	..	..	..	..	..	268.29	2.29	..	..
25	Greece	..	..	..	..	9.08	4.65	..	..	143.20	30.61	92.60	8.12
26	Holland	..	..	..	..	546.13	229.20	..	..	201.35	44.21	24.00	1.69
27	Hongkong	..	..	..	..	416.87	210.13	..	..	..	..	..	..
28	Hungary	..	..	..	..	..	..	..	..	..	..	..	..
29	Iran	..	..	..	..	..	..	..	..	..	..	..	..
30	Irish Republic	..	..	..	..	..	..	..	..	..	..	..	..
31	Indonesia	..	..	..	..	..	..	..	..	..	..	..	..
32	Ireland	..	..	..	..	..	..	..	..	..	..	15.00	0.81
33	Iraq	..	..	..	..	..	..	..	..	100.08	31.08	26.50	1.92
34	Italy	..	..	0.01	0.05	28.35	5.38	..	..	522.64	108.13	337.25	24.98
35	Israel	..	..	..	..	..	..	..	..	..	..	..	..
36	Japan	..	..	62.50	47.68	2056.71	696.16	2715.75	167.34	2415.30	531.17	..	..
37	Jamaica	..	..	..	..	7.94	3.75	..	..	..	..	..	..
38	Jordan	..	..	..	..	..	..	..	..	..	..	..	..
39	Kenya	..	..	..	..	..	..	..	..	..	..	74.25	4.94





Sl. No.	Countries	Coir product		Cordage and rope of vegetable fibre		Fish and Prawns		Ginger		Hides and Skin		Jute and Jute Products	
		Qty. (15)	Rs. (16)	Qty. (17)	Rs. (18)	Qty. (19)	Rs. (20)	Qty. (21)	Rs. (22)	Qty. (23)	Rs. (24)	Qty. (25)	Rs. (26)
1.	Algeria	14.34	1.78	3.00	0.18	16.00	0.79	..	..	..	..	..	..
2.	A.R.E.	11.56	1.19	..	..	..	..	..	..	..	..	..	..
3.	Argentina	1100.83	106.00	37.70	4.23	326.87	150.25	35.01	4.49	495.54	18.04	11.59	0.26
4.	Australia	14.01	1.88	..	..	..	..	..	..	..	..	..	..
5.	Austria	541.89	77.63	47.10	2.78	784.07	204.65	10.00	0.49	..	..	..	..
6.	Belgium	..	..	..	..	..	..	..	..	..	..	..	..
7.	Bulgaria	..	..	..	..	..	..	..	..	..	..	..	..
8.	Brazil	4.21	0.63	..	..	..	..	..	..	..	..	..	..
9.	Baharin	4.09	0.39	..	..	..	..	..	..	..	..	..	..
10.	Barbados	681.90	71.13	111.47	6.51	62.56	21.60	126.70	8.52	..	..	0.72	0.21
11.	Canada	..	..	..	..	..	..	..	..	..	..	..	..
12.	China	69.93	8.17	..	..	..	..	..	..	..	..	..	..
13.	Chile	25.08	3.63	..	..	..	..	..	..	..	..	..	..
14.	Cyprus	9.03	1.36	..	..	..	..	..	..	..	..	..	..
15.	Czechoslovakia	1315.04	170.89	..	..	3.66	2.25	31.00	2.81	10.17	0.44	..	..
16.	Denmark	13.54	1.49	..	..	525.49	51.25	25.58	1.45	..	..	..	..
17.	Dubai	..	..	..	..	..	..	..	..	..	..	..	..
18.	Dominican Republic	11.33	1.30	6.00	0.47	..	..	10.00	0.42	..	..	..	..
19.	Egypt	15.75	0.97	2.30	0.17	..	..	..	..	..	..	..	..
20.	Finland	1.51	0.16	..	..	..	..	..	..	..	..	..	..
21.	Figi Island	1245.98	142.26	137.55	7.39	1282.16	414.38	10.76	0.82	..	..	..	..
22.	France	1014.18	134.36	8.00	0.48	37.80	10.58	184.27	13.01	1.76	1.27	..	..
23.	Germany (West)	..	..	..	..	..	..	183.35	10.73	..	..	..	..
24.	Germany (East)	452.11	59.45	43.00	0.92	..	..	16.04	1.23	..	..	..	..
25.	Greece	21.10	2.79	..	..	111.91	31.40	27.50	1.33	..	..	..	..
26.	Holland	5.73	0.81	1.78	0.13	15.96	0.82	..	..	..	..	..	..
27.	Hongkong	196.98	27.08	..	..	..	..	10.00	0.92	..	..	..	..
28.	Hungary	..	..	..	..	..	..	..	..	..	..	..	..
29.	Iran	..	..	..	..	..	..	..	..	..	..	..	..
30.	Irish Republic	..	..	..	..	..	..	..	..	..	..	..	..
31.	Indonesia	..	..	..	..	..	..	..	..	..	..	..	..
32.	Ireland	46.21	4.36	7.00	0.45	..	..	..	..	..	..	..	..
33.	Iraq	892.40	96.47	..	..	36.80	3.32	..	..	..	..	..	..
34.	Italy	942.10	90.68	15.50	0.99	99.01	42.57	2.53	0.26	2.22	1.67	..	..
35.	Israel	..	..	2.00	0.19	..	..	0.08	0.28	..	..	..	..
36.	Japan	142.80	15.60	0.92	0.19	15610.01	6050.72	107.37	7.13	0.05	0.17	..	..
37.	Jamaica	4.51	0.41	..	..	..	..	..	..	..	..	..	..
38.	Jordan	10.43	1.40	..	..	0.46	0.25	..	..	..	..	..	..
39.	Kenya	..	..	..	..	..	..	..	..	..	..	..	..
40.	Korea	..	..	..	..	..	..	..	..	..	..	..	..



## 14.6.1—(Contd.)

(Qty. in tonnes &amp; Rs. in lakhs)

Sl. No.	Countries	Metal, Mineral and Ores		Moniac Meal		Lemongrass Oil		Sandalwood Oil		Other Vegetable Oil		Pepper	
		Qty. (27)	Rs. (28)	Qty. (29)	Rs. (30)	Qty. (31)	Rs. (32)	Qty. (33)	Rs. (34)	Qty. (35)	Rs. (36)	Qty. (37)	Rs. (38)
1	Algeria												
2	A.R.E.	35.90	1.92									499.94	72.73
3	Argentina											110.00	13.79
4	Australia	185.44	27.22	1.54	0.15	3.78	2.49						
5	Austria											57.38	6.76
6	Belgium			25.00	0.51							5.34	0.84
7	Bulgaria											86.49	12.30
8	Brazil												
9	Bahrain												
10	Barbados												
11	Canada	1511.44	116.13										
12	China							2.00	0.27			643.31	173.71
13	Chile							20.00	0.29				
14	Cyprus												
15	Czechoslovakia	5000.00	8.75										
16	Denmark												
17	Dubai											978.69	131.11
18	Dominican Republic									0.24	0.09	1.00	0.14
19	Egypt											14.32	1.15
20	Finland												
21	Fiji Island											68.00	9.62
22	France											5.81	2.46
23	Germany (West)	24.01	0.66	1.54	0.85	2.56	1.73					102.69	13.95
24	Germany (East)			286.20	7.13	3.00	2.12	0.40	0.46	0.46	1.36	787.61	123.46
25	Greece											18.00	3.16
26	Holland	30550.00	129.81									2.56	0.13
27	Hong Kong							0.15	1.11			0.26	0.23
28	Hungary							2.00	0.37				
29	Iran											3.00	1.51
30	Irish Republic												
31	Indonesia												
32	Ireland												
33	Iraq												
34	Italy	25.00	0.08										
35	Israel												
36	Japan	72666.11	183.33	205.75	4.71			5.59	4.14			821.18	127.02
37	Jamaica											151.16	26.87
38	Jordan												
39	Kenya											49.98	6.22
40	Korea	50.00	0.27										
41	Kuwait									20.54	4.11	10.00	0.57













## 14.6.2. --(Contd.)

(1)	(2)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
26	Nigeria	..	..	11.79	6.22	..	..	..	..	..	..	..	..
27	Norway	..	..	..	..	..	..	..	..	..	..	..	..
28	Oakland	..	..	..	..	..	..	..	..	..	..	..	..
29	Philippines	..	..	..	..	..	..	..	..	..	..	..	..
30	Poland	..	..	..	..	..	..	..	..	..	..	..	..
31	Rumania	..	..	..	..	..	..	..	..	..	..	..	..
32	Saudi Arabia	..	..	..	..	..	..	..	..	..	..	..	..
33	Singapore	..	..	..	..	..	..	..	..	..	..	..	..
34	Srilanka	..	..	..	..	..	..	..	..	..	..	..	..
35	Sweden	..	..	..	..	..	..	..	..	..	..	..	..
36	Switzerland	..	..	..	..	..	..	..	..	..	..	..	..
37	Tanzania	..	..	..	..	..	..	..	..	..	..	..	..
38	Thailand	..	..	..	..	..	..	..	..	..	..	..	..
39	Taiwan	..	..	..	..	..	..	..	..	..	..	..	..
40	Turkey	..	..	..	..	..	..	..	..	..	..	..	..
41	U.A.E.	0.50	0.02	0.21	0.81	..	..	..	..	10500.00	34.21	..	..
42	U. K.	..	..	..	..	..	..	0.06	0.17	..	..	..	..
43	U. S. A.	..	..	..	..	28.40	4.69	0.40	0.13	..	..	..	..
44	U. S. S. R.	..	..	..	..	..	..	..	..	..	..	16943.00	340.78
45	Yugoslavia	..	..	..	..	..	..	..	..	..	..	..	..
	Total	3.17	1.08	12.88	8.02	36.77	6.20	0.69	0.81	10944.00	55.65	17338.00	552.76

## 14.6.2. --(Contd.)

(Value Rs. in lakhs)

Sl. No.	Countries	Gums & resins		Hardware and cutlery		Liquors		Machinery and Mill work		Manures		Metals, Minerals and ores	
		Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value
(1)	(2)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
1	Australia	..	..	..	..	..	..	..	..	..	..	..	..
2	Austria	..	..	..	..	..	..	..	30.40	..	..	526.72	35.40
3	Belgium	..	..	..	..	..	..	..	2.81	..	..	..	..
4	Canada	..	..	..	..	..	..	..	0.42	44121.00	576.15	932.41	77.98
5	Denmark	..	..	..	..	..	..	..	0.01	..	..	4.00	1.34
6	Finland	..	..	..	..	..	..	..	..	..	..	..	..
7	France	8.25	0.56	..	..	..	..	..	35.92	..	..	..	..
8	Germany (East)	..	..	..	..	..	..	..	1.53	..	..	8.10	1.98
9	Germany (West)	32.74	4.24	..	..	..	..	..	187.93	32200.00	506.98	..	..
										21037.00	348.47	1357.03	97.67

10	Holland	1.27	0.69	..	..	..	0.26	..	..	14.00	1.08
11	Hongkong	..	..	..	..	..	0.07	..	..	..	..
12	Indonesia	..	..	371.00	126.93	..	..	..	..	..	..
13	Iran	..	..	..	..	..	..	..	..	..	..
14	Iraq	..	..	..	..	..	..	..	..	..	..
15	Italy	..	..	..	..	..	63.17	..	..	326.54	23.52
16	Japan	131.84	12.66	10.27	1.70	..	95.38	..	..	31008.97	746.39
17	Kenya	..	..	..	..	..	..	..	..	..	..
18	Korea	72.57	4.69	113423.45	877.02	..	2.96	..	..	..	..
19	Kuwait	..	..	..	..	..	..	..	..	2500.50	48.88
20	Madagaskar	..	..	..	..	..	..	..	..	..	..
21	Malaysia	..	..	..	..	..	..	..	..	..	..
22	Mexico	..	..	..	..	..	..	..	..	..	..
23	Morecco	..	..	..	..	..	..	..	..	..	..
24	Netherland	..	..	..	..	..	..	..	..	171815.79	1731.56
25	Newzealand	..	..	..	..	..	0.24	..	..	0.05	0.07
26	Nigeria	..	..	..	..	..	..	..	..	..	..
27	Norway	..	..	..	..	..	..	..	..	..	..
28	Oakland	..	..	..	..	..	0.18	..	..	2.75	0.54
29	Philippines	..	..	23.00	0.14	..	..	..	..	..	..
30	Poland	..	..	..	..	..	..	..	..	..	..
31	Rumania	..	..	..	..	..	..	..	..	..	..
32	Saudi Arabia	..	..	..	..	..	..	..	..	296.55	46.90
33	Singapore	49.00	2.73	..	..	..	1.29	..	..	341.83	98.95
34	Sri Lanka	..	..	..	..	..	..	..	..	..	..
35	Sweden	..	..	..	..	..	4.52	..	..	4.83	0.83
36	Switzerland	..	..	..	..	..	22.82	..	..	..	..
37	Tanzania	..	..	..	..	..	..	..	..	..	..
38	Thailand	..	..	..	..	..	..	..	..	..	..
39	Taiwan	..	..	..	..	..	..	..	..	..	..
40	Turkey	..	..	..	..	..	..	..	..	0.80	0.26
41	U. A. E.	..	..	..	..	..	..	..	..	..	..
42	U. K.	..	..	..	..	..	102.11	..	..	254.73	85.08
43	U. S. A.	65.83	16.29	..	..	27.58	3.52	..	..	961.14	80.43
44	U. S. S. R.	..	..	..	..	0.52	0.17	..	15860.00	1406.04	90.19
45	Yugoslavia	..	..	..	..	..	..	15833.00	211.21	..	..
Total		352.50	41.86	113827.72	1005.79	28.10	3.69	740.74	129031.00	211762.58	3169.05





(1)	(2)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)
26	Nigeria	..	..	..	..	..	..	..	..	..	..	..	6.00
27	Norway	..	..	..	..	..	..	..	..	..	..	80.13	87.07
28	Oakland	..	..	..	..	..	..	..	..	..	..	1.51	1.51
29	Philippines	..	..	..	..	..	..	..	..	..	..	2.48	0.14
30	Poland	..	..	..	..	..	..	..	..	..	..	2.48	2.48
31	Rumania	5453.57	262.99	..	..	..	..	..	..	..	..	..	262.59
32	Saudi Arabia	..	..	..	..	..	..	..	..	..	..	..	46.92
33	Singapore	..	..	0.13	0.01	..	..	..	..	..	..	12.19	734.37
34	Sri Lanka	..	..	..	..	..	..	..	..	..	..	..	0.81
35	Sweden	4905.70	243.57	..	..	..	..	..	..	..	..	374.57	623.29
36	Switzerland	28.26	4.56	..	..	..	..	..	..	..	..	0.88	28.26
37	Tanzania	..	..	..	..	..	..	..	..	..	..	..	675.35
38	Tailand	..	..	..	..	..	..	..	..	..	..	..	92.60
39	Thailand	..	..	..	..	..	..	..	..	..	..	19.88	20.14
40	Turkey	..	..	..	..	..	..	..	..	..	..	0.17	34.45
41	U.A.E.	104.45	1.65	..	..	..	..	..	..	..	..	..	93.03
42	U.K.	5.99	1.05	..	..	20.58	0.99	1.36	0.65	..	..	205.91	428.15
43	U.S.A.	11.22	1.45	..	..	80.13	7.70	1.72	0.94	..	..	348.34	2258.27
44	U.S.S.R.	5891.09	265.54	..	..	..	..	..	..	..	..	21.77	498.52
45	Yugoslavia	5.00	1.82	..	..	..	..	..	..	..	..	6.53	8.35
Total		38167.65	1793.09	0.13	0.01	1746.17	197.74	246.86	65.32	..	..	4807.20	26707.32

## 14.6.3. Foreign Export from the Port of Cochin 1980-81

(Quantity in tonnes and Kilpes in lakhs)

(Country-wise)

Sl. No.	Countries	Bricks and tiles		Cardamom		Cashew Kernels		Cashew shell Liquid		Coffee		Coir Yarn and fibre		Coir product	
		Qty.	Rs.	Qty.	Rs.	Qty.	Rs.	Qty.	Rs.	Qty.	Rs.	Qty.	Rs.	Qty.	Rs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Algeria	..	..	..	..	..	..	..	..	..	..	83.25	6.50	..	..
2	A.R.E.	..	..	6.00	5.67	..	..	..	..	..	..	..	..	14.34	1.78
3	Argentina	..	..	..	..	..	..	..	..	..	..	..	..	11.56	1.19
4	Australia	..	..	..	..	757.99	345.41	..	..	781.26	158.13	108.70	6.13	1100.83	106.00
5	Austria	..	..	..	..	..	..	..	..	..	..	..	..	14.01	1.88
6	Belgium	..	..	..	..	4.54	1.00	120.00	9.97	47.40	12.11	117.03	10.57	541.89	77.63
7	Bulgaria	..	..	..	..	..	..	..	..	..	..	220.00	7.43	..	..
8	Brazil	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9	Bahrain	..	..	..	..	..	..	..	..	..	..	..	..	4.21	0.68
10	Barbados	..	..	..	..	..	..	..	..	..	..	..	..	4.09	0.39
11	Canada	..	..	1.19	1.78	119.41	53.25	..	..	300.42	53.92	186.08	17.11	681.90	71.13
12	China	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13	Chile	..	..	..	..	..	..	..	..	..	..	..	..	69.93	8.17

















## 14. 6. 3. (Contd.)

(1)	(2)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)
64	Saudi Arabia	1.10	0.30	..	..	..	0.65	..	2.79	..	..	135.78	715.67
65	Sweden	..	..	..	..	..	..	..	6.69	..	10.57	121.23	180.95
66	Switzerland	0.10	0.21	..	..	..	..	..	..	..	..	53.87	70.35
67	Spain	..	..	..	..	..	2.94	..	0.35	..	0.65	21.45	111.77
68	Sudan	4.00	0.23	..	..	..	..	..	0.24	..	0.10	11.23	1021.88
69	Sri Lanka	..	..	..	..	..	..	..	..	..	..	83.84	85.79
70	Syria	..	..	..	..	..	..	..	..	..	..	0.19	60.50
71	Tanzania	..	..	..	..	..	..	..	..	..	..	0.32	..
72	Taiwan	..	..	..	..	..	..	..	..	..	..	14.06	35.85
73	Thailand	..	..	..	..	..	..	..	..	..	..	..	38.46
74	Tunisia	..	..	..	..	..	..	..	..	..	..	..	38.46
75	Trinidad	..	..	..	..	..	..	..	..	..	..	13.87	27.26
76	Turkey	..	..	..	..	..	..	..	..	..	..	62.81	524.83
77	U.A.E.	..	..	..	..	..	..	..	17.09	..	6.11	831.92	15843.72
78	U.S.S.R.	105.93	7.48	..	..	..	13.57	..	0.35	..	0.14	2130.82	3887.68
79	U.K.	1635.05	121.22	..	..	..	11.06	..	3.21	..	0.71	871.46	2013.91
80	U.S.A.	..	..	..	..	..	..	..	..	..	..	37.84	122.54
81	Y.A.R.	..	..	..	..	..	..	..	..	..	..	..	0.31
82	Uruguay	..	..	..	..	..	..	..	..	..	..	..	5.27
83	Venezuela	..	..	..	..	..	..	..	..	..	..	0.53	..
84	West Indies	..	..	..	..	..	..	..	..	..	..	15.80	158.55
85	Yugoslavia	..	..	..	..	..	..	..	..	..	..	..	..
	Total	2283.20	159.46	..	..	..	327.56	..	64.85	..	21.60	7941.11	51373.25

## 14. 6. 4—Foreign imports through the Port of Cochin (Country-wise and Commodity-wise 1980-81)

Sl. No.	Countries	Cashewnut (raw)		Chemical including sulphur		Coal, Coke and patent fuel		Copra		Cotton raw and waste		Cotton twist and yarn	
		Qty. M.T.	Value	Qty. M.T.	Value	Qty. M.T.	Value	Qty. M.T.	Value	Qty. M.T.	Value	Qty. M.T.	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Australia	..	..	..	..	..	..	..	..	..	..	..	..
2	Austria	..	..	..	..	..	..	..	..	..	..	..	..
3	Belgium	..	..	..	..	..	..	..	..	..	..	..	..
4	Canada	..	..	44964.45	711.85	..	..	..	..	..	..	..	..
5	Denmark	..	..	..	..	..	..	..	..	..	..	..	..
6	Finland	..	..	..	..	..	..	..	..	..	..	..	..
7	France	..	..	..	..	..	..	..	..	..	..	..	..
8	Germany (East)	..	..	..	..	..	..	..	..	..	..	..	..
9	Germany (West)	..	..	34.26	4.06	..	..	..	..	..	..	..	..
10	Holland	..	..	1.25	0.16	..	..	..	..	..	..	49.67	11.42
11	Hong Kong	..	..	201.40	6.96	..	..	..	..	..	..	..	..
12	Indonesia	..	..	..	..	..	..	..	..	..	..	..	..

(Value Rs. in lakhs)



## 14.5.2—(Contd.)

(1)	(2)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
6	Finland	..	..	..	..	..	..	..	..	..	..	..	..
7	France	..	..	..	..	..	..	..	..	..	..	..	..
8	Germany (East)	..	..	..	..	5.14	1.08	0.23	0.51	..	..	..	..
9	Germany (West)	..	..	..	..	..	..	..	..	..	..	..	..
10	Holland	..	..	..	..	..	..	..	..	..	..	..	..
11	Hongkong	..	..	..	..	..	..	..	..	..	..	..	..
12	Indonesia	..	..	..	..	..	..	..	..	..	..	..	..
13	Iran	..	..	..	..	1.02	0.05	..	..	..	..	..	..
14	Iraq	..	..	..	..	..	..	..	..	..	..	..	..
15	Italy	..	..	0.28	0.99	..	..	..	..	..	..	..	..
16	Japan	..	..	..	..	..	..	..	..	..	..	..	..
17	Kenya	..	..	..	..	..	..	..	..	..	..	..	..
18	Korea	..	..	..	..	..	..	..	..	..	..	..	..
19	Kuwait	..	..	..	..	..	..	..	..	..	..	..	..
20	Madagascar	..	..	..	..	..	..	..	..	..	..	..	..
21	Malaysia	..	..	..	..	..	..	..	..	..	..	..	..
22	Mexico	..	..	..	..	..	..	..	..	..	..	..	..
23	Morocco	..	..	..	..	..	..	..	..	..	..	..	..
24	Netherland	..	..	..	..	..	..	..	..	..	..	..	..
25	Newzealand	..	..	..	..	..	..	..	..	..	..	..	..
26	Nigeria	..	..	11.79	6.22	..	..	..	..	..	..	..	..
27	Norway	..	..	..	..	..	..	..	..	..	..	..	..
28	Oakland	..	..	..	..	..	..	..	..	..	..	..	..
29	Philippines	..	..	..	..	..	..	..	..	..	..	..	..
30	Poland	..	..	..	..	..	..	..	..	..	..	..	..
31	Rumania	..	..	..	..	..	..	..	..	..	..	..	..
32	Saudi Arabia	..	..	..	..	..	..	..	..	..	..	..	..
33	Singapore	..	..	..	..	..	..	..	..	..	..	..	..
34	Sri Lanka	..	..	..	..	..	..	..	..	..	..	..	..
35	Sweden	..	..	..	..	..	..	..	..	..	..	..	..
36	Switzerland	..	..	..	..	..	..	..	..	444.00	21.37	395.00	11.98
37	Tanzania	..	..	..	..	..	..	..	..	..	..	..	..
38	Thailand	..	..	..	..	..	..	..	..	10500.00	34.28	..	..
39	Thailand	..	..	..	..	..	..	..	..	..	..	..	..
40	Turkey	..	..	..	..	..	..	..	..	..	..	..	..
41	U.A.E.	0.50	0.02	0.21	0.81	..	..	0.06	0.17	..	..	..	..
42	U.K.	..	..	..	..	28.40	4.69	0.40	0.13	..	..	16943.00	540.78
43	U.S.A.	..	..	..	..	..	..	..	..	..	..	..	..
44	U.S.S.R.	..	..	..	..	..	..	..	..	..	..	..	..
45	Yugoslavia	..	..	..	..	..	..	..	..	..	..	..	..
	Total	3.17	1.08	12.88	8.02	36.77	6.20	0.69	0.81	10944.00	55.65	17338.00	552.76





## 14.6.4—(Contd.)

(1)	(2)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
31	Rumania	..	..	..	..	..	..	..	..	..	..	..	..
32	Saudi Arabia	..	..	..	..	..	..	..	..	..	..	..	..
33	Singapore	40.00	2.73	..	..	..	..	..	..	..	..	296.35	46.90
34	Sri Lanka	..	..	..	..	..	1.29	..	..	..	..	341.83	98.95
35	Sweden	..	..	..	..	..	..	..	..	..	..	..	..
35	Switzerland	..	..	..	..	..	4.32	..	..	..	..	4.83	0.83
37	Tanzania	..	..	..	..	..	22.62	..	..	..	..	..	..
38	Thailand	..	..	..	..	..	..	..	..	..	..	..	..
39	Thailand	..	..	..	..	..	..	..	..	..	..	..	..
39	Thailand	..	..	..	..	..	..	..	..	..	..	..	..
40	Turkey	..	..	..	..	..	..	..	..	..	..	0.80	0.26
41	U. A. E.	..	..	..	..	..	..	..	..	..	..	..	..
42	U. K.	..	..	..	..	27.53	3.52	..	192.11	..	..	254.73	85.08
43	U. S. A.	65.83	16.29	..	..	0.52	0.17	..	168.92	15860.00	302.80	1406.04	90.19
44	U. S. S. R.	..	..	..	..	..	..	..	..	15833.00	211.21	..	..
45	Yugoslavia	..	..	..	..	..	..	..	..	..	..	..	..
	Total	352.50	41.86	94730.72	837.05	28.10	3.69	..	740.74	129031.00	1945.61	211762.58	3169.05

## 14.6.4—(Contd.)

Sl. No.	Countries	Kerosene Oil		Lubricating Oil		Other mineral Oil including fuel Oil		Vegetable Oil		Other kind of Oil		Paints and colours		Paper and paper boards	
		Qty. 1000 Litres	Value	Qty. 1000 Litres	Value	Qty. 1000 Litres	Value	Qty. 1000 Litres	Value	Qty. 1000 Litres	Value	Qty. 1000 Litres	Value	Qty. 1000 Litres	Value
(1)	(2)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)
1	Australia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	Austria	..	..	..	..	..	..	..	..	2117.61	86.16	..	..	..	..
3	Belgium	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	Canada	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	Denmark	..	..	..	..	526.61	25.28	..	..	..	..	..	..	18965.44	885.59
6	Finland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	France	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	Germany (East)	..	..	..	..	..	..	..	..	0.05	0.05	..	..	2710.62	112.71
9	Germany (West)	..	..	..	..	..	..	..	..	..	..	..	..	0.50	0.29
10	Holland	..	..	..	..	..	..	..	..	..	..	..	..	1.76	0.24
11	Hong Kong	..	..	..	..	..	..	..	..	..	..	..	..	24.13	3.88
12	Indonesia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13	Iran	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14	Iraq	..	..	..	..	478706.36	4912.92	..	..	..	..	..	..	..	..
15	Italy	..	..	..	..	..	..	..	..	0.15	0.11	..	..	..	..



## 14.6.4. (Contd.)

(1)	(2)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)
6	Finland	..	..	43.05	4.72	..	..	..	..	54.56	167.27
7	France	..	..	..	..	..	..	..	..	179.44	242.96
8	Germany (East)	..	..	..	..	1.13	..	..	..	0.51	510.50
9	Germany (West)	..	..	1110.74	120.56	..	1.24	..	..	262.44	1030.84
10	Holland	..	..	..	..	..	..	..	..	24.89	38.50
11	Hong Kong	..	..	..	..	..	..	..	..	6.60	13.53
12	Indonesia	..	..	..	..	..	..	..	..	..	126.93
13	Iran	..	..	..	..	..	..	..	..	..	136.56
14	Iraq	..	..	..	..	..	..	..	..	..	5167.06
15	Italy	..	..	..	..	..	..	..	..	..	808.51
16	Japan	..	..	271.18	33.56	30.79	41.19	..	..	721.66	2842.33
17	Kenya	..	..	..	..	..	..	..	..	1819.37	653.67
18	Korea	..	..	..	..	..	..	..	..	15.55	722.82
19	Kuwait	..	..	..	..	..	..	..	..	6.79	2212.31
20	Madagascar	..	..	..	..	..	..	..	..	..	34.79
21	Malaysia	..	..	..	..	..	..	..	..	..	4.27
22	Mexico	..	..	..	..	..	..	..	..	..	798.74
23	Morocco	..	..	..	..	..	..	..	..	..	1885.03
24	Netherlands	..	..	..	..	..	..	..	..	..	141.05
25	New Zealand	..	..	..	..	..	..	..	..	43.82	70.28
26	Nigeria	..	..	..	..	..	..	..	..	..	6.00
27	Norway	..	..	..	..	..	..	..	..	..	87.07
28	Oakland	..	..	..	..	..	..	..	..	80.13	1.51
29	Philippines	..	..	..	..	..	..	..	..	1.51	0.14
30	Poland	..	..	..	..	..	..	..	..	..	2.00
31	Rumania	..	..	..	..	..	..	..	..	2.48	262.59
32	Saudi Arabia	..	..	..	..	..	..	..	..	..	46.92
33	Singapore	..	..	..	..	..	..	..	..	0.02	734.37
34	Sri Lanka	0.13	0.01	..	..	..	..	..	..	12.19	0.81
35	Sweden	..	..	..	..	..	..	..	..	..	623.29
36	Switzerland	..	..	..	..	..	..	..	..	374.57	28.26
37	Tanzania	..	..	..	..	..	..	..	..	0.86	675.35
38	Thailand	..	..	..	..	..	..	..	..	..	92.60
39	Thailand	..	..	..	..	..	..	..	..	19.88	20.14
40	Thailand	..	..	..	..	..	..	..	..	..	34.45
41	Turkey	..	..	..	..	..	..	..	..	0.17	93.03
42	U.A.E.	..	..	..	..	..	..	..	..	5.91	428.15
43	U.K.	..	..	20.58	0.99	1.36	0.65	..	..	202.91	2258.27
44	U.S.A.	..	..	80.13	7.70	1.72	0.91	..	..	348.34	498.52
45	U.S.S.R.	..	..	..	..	..	..	..	..	21.77	9.35
46	Yugoslavia	..	..	..	..	..	..	..	..	6.53	..
	Total	0.13	0.01	1746.17	197.74	246.86	65.32	..	..	4805.12	26536.50



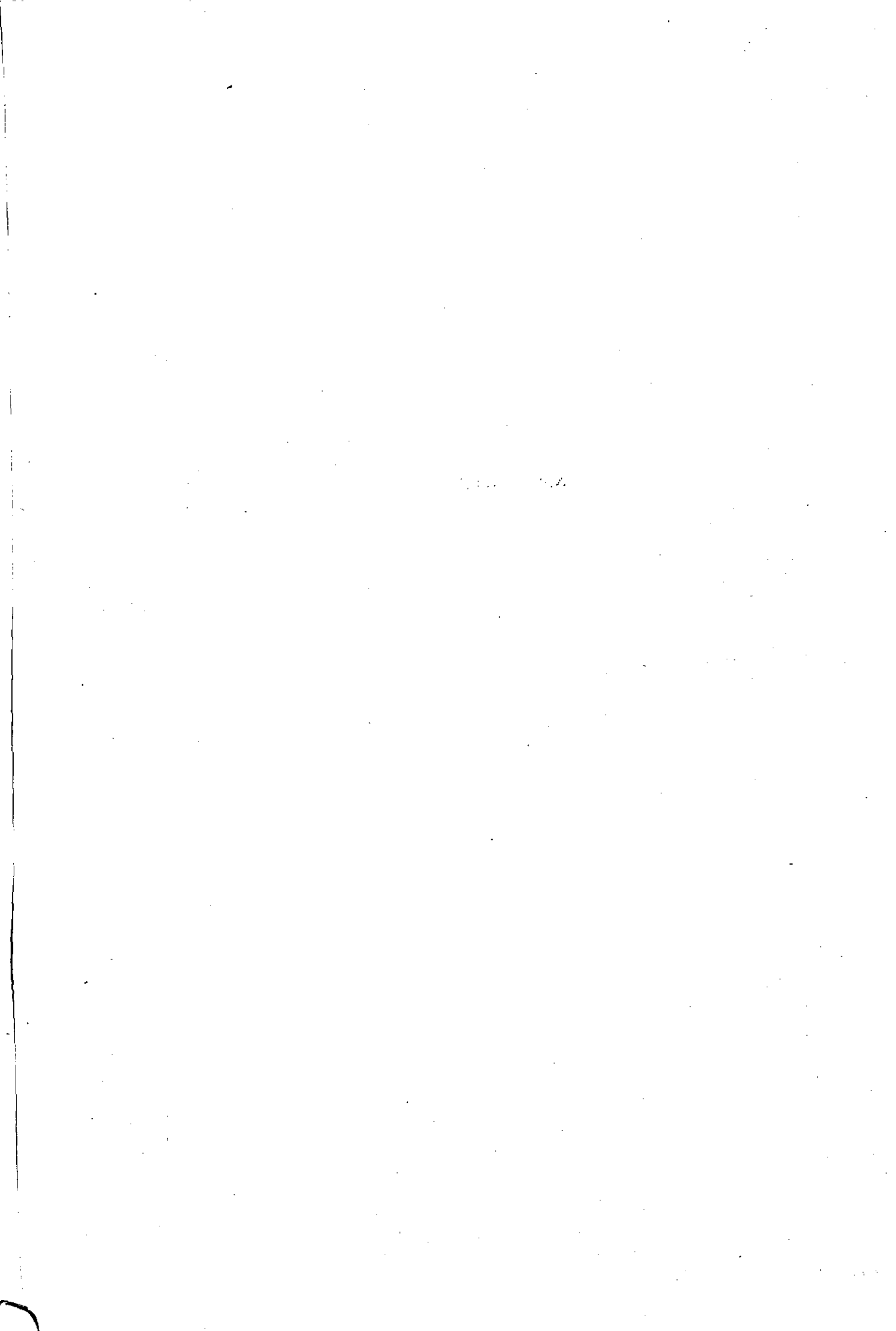
## 14.8 Tonnage of Cargo handled at the port of Cochin

Year	Imports			Exports*		
	Stream	Wharf	Total	Stream	Wharf	Total
1975-76	233522	3087289	3320811	27883	909204	937092
1978-79	266209	3962472	4228681	10112	1231236	1241348
1979-80	175301	4181198	4356499	8177	1099875	1108052
1980-81	204802	3907581	4112383	5323	1115819	1121142
1981-82	50826	4152709	4203535	2276	1295592	1297868

\*Inclusive of 'Bunkers'

Source : Annual Report of Cochin Chamber of Commerce.

XV. PRICES





XV. PRICES

15-1 — Monthly State Average Farm Prices of Agricultural Commodities (Commodity-wise) in Kerala

Year/Month	July	August	September	October	November	December	January	February	March	April	May	June	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
<b>Paddy/Standard Para</b>													
1979-80	9.91	9.98	9.77	9.71	9.89	10.23	10.01	9.89	9.95	9.90	9.97	10.12	
1980-81	10.62	10.63	9.99	9.85	10.08	10.43	10.82	11.91	12.54	12.85	13.45	13.63	
1981-82	13.85	14.27	13.92	13.32	13.15	12.80	12.80	12.74	10.03	13.12	13.03	13.24	
<b>Coconut/100 Nos. with husk</b>													
1979-80	103.78	106.52	107.64	108.60	113.95	116.30	118.30	121.23	119.67	122.07	127.69	131.92	
1980-81	136.50	137.42	140.64	146.84	152.79	145.12	143.76	143.14	131.45	137.15	131.98	124.67	
1981-82	118.78	119.28	118.24	114.34	111.54	111.71	113.42	113.46	111.64	112.22	114.51	125.25	
<b>Arecanut/100 Nos.</b>													
1979-80	6.62	5.11	4.69	4.56	4.49	4.90	6.03	6.48	7.17	7.83	8.25	7.52	
1980-81	6.44	6.08	6.03	6.12	5.95	6.03	6.94	7.56	8.09	8.80	11.70	11.73	
1981-82	8.59	7.93	7.33	7.03	6.92	6.71	6.51	6.89	7.52	8.47	9.68	11.50	
<b>Cashewnut (Qtl.)</b>													
1979-80	580.00	570.00	570.00	570.00	N.A.	570.00	704.00	739.10	732.08	771.25	773.76	777.94	
1980-81	750.00	750.00	770.00	770.00	770.00	770.00	715.00	770.32	749.61	651.36	578.87	609.37	
1979-80	37.36	37.48	37.05	36.25	37.94	36.81	36.60	37.30	37.23	36.42	38.29	39.27	
1980-81	38.85	40.89	38.70	37.98	37.28	34.79	34.12	35.55	35.97	38.41	42.93	43.18	
1981-82	44.44	46.37	45.94	42.48	41.63	39.99	39.41	39.03	38.33	40.13	45.61	42.05	
<b>Tapioca (Qtl.)</b>													
1979-80	40.36	41.46	40.62	40.68	42.17	42.75	44.20	44.55	45.37	46.53	46.48	43.71	
1980-81	40.61	39.66	39.53	39.98	39.51	38.67	39.23	38.32	39.15	41.36	42.68	42.14	
1981-82	42.09	42.70	42.72	45.28	47.25	50.36	51.48	52.72	54.93	51.74	53.87	53.44	
<b>Ginger (Dry) Qtl.</b>													
1979-80	427.20	411.62	429.37	422.68	394.82	389.97	405.04	410.64	389.29	373.64	341.81	322.79	
1980-81	311.22	311.31	363.37	459.17	476.67	534.29	689.95	672.23	696.15	805.88	765.27	735.31	
1981-82	720.65	754.33	747.37	729.56	702.40	718.91	694.17	823.04	1056.58	1215.52	1166.38	1196.90	
<b>Sugarcane (Tonne)</b>													
1979-80	..	..	..	130.00	123.50	132.00	124.00	126.00	126.00	127.00	128.00	126.81	
1980-81	..	..	..	..	165.00	173.75	175.00	175.00	165.00	165.00	200.00	200.00	
1981-82	200.00	200.00	200.00	200.00	185.00	185.00	190.00	188.67	198.00	180.00	..	200.00	
<b>Pepper (Dry) Qtl.</b>													
1979-80	1492.04	1459.67	1472.50	1468.27	1428.04	1349.47	1332.81	1299.15	1257.16	1244.91	1207.50	1219.08	
1980-81	1176.25	1140.34	1206.77	1336.22	1352.50	1248.52	1081.27	1068.01	1048.27	1172.15	1251.48	1239.99	
1981-82	1238.42	1280.63	1273.10	1281.01	1297.92	1218.11	1066.39	1061.38	1079.94	1134.13	1095.66	1189.91	

Source: Directorate of Economics and Statistics.

## 15.2—Average farm prices of some important commodities (in Rs.) in Kerala (weighted average)

Name of Crop	Unit	1970-71	1975-76	1977-78	1978-79	1979-80	1980-81*	1981-82*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Paddy	Qtl.	90.25	132.98	130.69	125.76	133.24	156.84	182.85
Pepper (black)	"	616.90	1168.78	1606.39	1508.10	1358.57	1191.54	1172.98
Ginger (dry)	"	553.97	781.48	1222.93	671.42	405.88	585.63	885.33
Coconut (with husk)	1000 Nos.	566.80	668.60	987.17	1020.95	1142.77	1395.40	1153.70
Areca nut	"	37.40	33.30	41.08	50.85	61.52	75.80	78.30
Banana	"	166.90	31.35	330.84	328.62	380.80	379.40	427.80
Tapioca	Qtl.	20.59	40.22	28.89	34.45	41.22	40.06	49.86
Cashewnut	"	139.80	244.04	535.28	407.12	582.73	737.98	687.30
Sugarcane	"	74.03	N.A.	126.83	127.47	128.22	N.A.	N.A.

\*Simple average

Source: DES

## 15.3—Wholesale prices—Commodity-wise and District-wise

Commodity		District	1979 (Rs.)	1980 (Rs.)	1981 (Rs.)
(1)	(2)	(3)	(4)	(5)	(6)
I. Canegur		Trivandrum	293.70	457.53	553.19
		Quilon	275.70	424.96	460.52
		Alleppey	256.35	384.70	441.73
		Kottayam	233.38	383.96	389.49
		Idukki	..	..	..
		Ernakulam	212.00	355.81	324.05
		Trichur	216.35	369.96	320.39
		Palghat	189.89	325.06	277.67
		Malappuram	..	..	..
		Kozhikode	209.47	368.44	342.86
		Cannanore	203.23	350.02	305.85
II. Palmgur/Qtl.		Trivandrum	232.26	408.33	458.43
		Quilon	251.04	396.39	411.72
		Alleppey	254.51	412.06	454.47
		Kottayam	..	..	..
		Idukki	..	..	..
		Ernakulam	..	..	..
		Trichur	..	..	..
		Palghat	..	..	..
		Malappuram	..	..	..
		Kozhikode	..	..	..
III. Copra Qtl.		Trivandrum	..	..	..
		Quilon	752.15	1007.15	924.00
		Alleppey	768.98	1006.86	960.00
		Kottayam	771.94	1026.27	953.77
		Idukki	743.10	973.34	913.86
		Ernakulam	752.72	998.50	935.56
		Trichur	756.24	999.20	933.15
		Palghat	..	..	..
		Malappuram	..	..	..
		Kozhikode	769.16	1001.13	947.66
Cannanore	746.28	981.56	945.73		
IV. Coconut Oil/Qtl.		Trivandrum	..	..	..
		Quilon	1143.58	1016.08	1383.48
		Alleppey	1169.33	1543.47	1411.54
		Kottayam	1161.55	1536.87	1425.00
		Idukki	1156.08	1508.85	1403.51
		Ernakulam	1172.62	1533.63	1418.11
		Trichur	1151.11	1513.23	1394.47
		Palghat	..	..	..
		Malappuram	..	..	..
		Kozhikode	1146.20	1502.72	1401.11
Cannanore	1142.90	1512.79	1445.00		

(1)	(2)	(3)	(4)	(5)	(6)
V. Coconut Oil Cake/					
	Qtl.	Trivandrum	..	..	..
		Quilon	170.96	225.46	236.20
		Alleppey	170.62	273.90	234.33
		Kottayam	170.54	224.64	236.55
		Idukki	166.58	216.48	224.28
		Ernakulam	172.79	225.85	241.06
		Trichur	168.87	258.41	240.39
		Palghat	..	..	..
		Malappuram	..	..	..
		Kozhikode	171.37	221.95	244.12
		Cannanore	163.26	212.23	226.83
VI. Coconut (with husk)					
	1000 Nos.	Trivandrum	935.44	..	..
		Quilon	1020.89	1424.15	1343.62
		Alleppey	1072.96	1396.23	1353.00
		Kottayam	..	..	..
		Idukki	1078.13	1418.13	1336.60
		Ernakulam	1132.11	1417.56	1392.48
		Trichur	1149.98	1682.25	..
		Palghat	..	..	..
		Malappuram	927.35	1347.73	1310.25
		Kozhikode	947.48	1160.81	1244.87
		Cannanore	831.24	1077.90	1118.33
VII. Black Pepper/Qtl.					
		Trivandrum	1390.31	1228.75	1194.23
		Quilon	1420.95	1282.36	1242.32
		Alleppey	1471.22	1314.58	1257.22
		Kottayam	1405.31	1250.42	1193.33
		Idukki	1402.83	1257.15	1190.11
		Ernakulam	1467.77	1287.56	1292.30
		Trichur	1441.51	1287.80	1232.58
		Palghat	..	..	..
		Malappuram	1426.19	1271.58	1212.06
		Kozhikode	1498.53	1366.82	1319.36
		Cannanore	1471.83	1313.03	1281.24
VIII. Ginger/Qtl.					
		Trivandrum	Nil	Nil	Nil
		Quilon	520.20	423.67	825.63
		Alleppey	562.43	430.41	894.58
		Kottayam	522.50	356.25	710.39
		Idukki	483.33	405.03	731.53
		Ernakulam	508.36	429.64	777.08
		Trichur	..	..	..
		Palghat	472.40	398.39	751.18
		Malappuram	..	..	..
		Kozhikode	512.19	425.42	771.04
		Cannanore	496.39	407.71	758.73
IX. Turmeric/Qtl.					
		Trivandrum	..	..	..
		Quilon	..	..	..
		Alleppey	..	..	..
		Kottayam	495.42	228.13	230.00
		Idukki	606.25	235.16	278.02
		Ernakulam	515.78	254.94	301.93
		Trichur	..	..	..
		Palghat	..	..	..
		Malappuram	..	..	..
		Kozhikode	439.46	242.48	249.10
		Cannanore	..	..	..

15-3—(Contd.)

(1)	(2)	(3)	(4)	(5)	(6)
X. Lemongrass Oil/ Qtl.	Trivandrum	..	..	..	..
	Quilon	..	..	..	..
	Alleppey	..	..	..	..
	Kottayam	..	..	..	..
	Idukki	..	..	..	..
	Ernakulam	7149.15	6284.53	6487.26	..
	Trichur	..	..	..	..
	Palghat	..	..	..	..
	Malappuram	..	..	..	..
	Kozhikode	7053.54	6211.88	6488.96	..
Cannanore	7223.33	6303.65	6558.54	..	
XI. Cashewnut (Raw) Qtl.	Trivandrum	397.50	570.00	N.A.	..
	Quilon	475.38	570.00	753.00	..
	Alleppey	..	..	..	..
	Kottayam	..	..	..	..
	Idukki	..	..	..	..
	Ernakulam	486.38	580.00	N.A.	..
	Trichur	416.00	580.00	761.50	..
	Palghat	..	..	..	..
	Malappuram	..	..	..	..
	Kozhikode	..	..	..	..
Cannanore	..	..	..	..	
XII. Tapioca (Raw) Qtl.	Trivandrum	32.69	36.64	35.21	..
	Quilon	36.21	34.13	41.96	..
	Alleppey	44.10	43.79	52.99	..
	Kottayam	44.37	46.01	55.10	..
	Idukki	..	..	..	..
	Ernakulam	43.60	49.68	50.46	..
	Trichur	45.72	50.77	31.92	..
	Palghat	..	..	..	..
	Malappuram	37.56	46.14	49.42	..
	Kozhikode	43.46	46.84	54.22	..
Cannanore	..	..	..	..	
XIII. Banana (100 Nos.)	Trivandrum	38.62	40.84	44.01	..
	Quilon	36.55	40.05	46.28	..
	Alleppey	34.46	39.07	44.40	..
	Kottayam	40.98	43.18	49.11	..
	Idukki	39.81	42.48	47.21	..
	Ernakulam	36.72	39.20	44.24	..
	Trichur	35.14	38.05	44.07	..
	Palghat	31.48	36.41	37.28	..
	Malappuram	29.45	34.08	37.28	..
	Kozhikode	27.95	27.46	32.48	..
Cannanore	19.18	19.73	22.81	..	
XIV. Arecanut (Ripe) 100 Nos.	Trivandrum	5.69	6.46	8.00	..
	Quilon	6.06	7.42	8.02	..
	Alleppey	6.81	7.62	9.15	..
	Kottayam	6.42	6.44	7.37	..
	Idukki	..	..	..	..
	Ernakulam	5.90	7.74	8.23	..
	Trichur	7.89	9.00	11.41	..
	Palghat	4.95	6.68	7.33	..
	Malappuram	4.59	6.97	8.97	..
	Kozhikode	6.51	7.54	7.63	..
Cannanore	3.93	4.69	5.38	..	

(1)	(2)	(3)	(4)	(5)	(6)
XV. Rubber/Qtl.	Trivandrum		990.13	1104.88	1327.88
	Quilon		991.0	1108.27	1373.77
	Alleppey		..	..	..
	Kottayam		1009.83	1123.23	1389.50
	Idukki		1001.54	1128.36	1382.19
	Ernakulam		1006.37	1123.40	1390.74
	Trichur		..	..	..
	Palghat		..	..	..
	Malappuram		..	..	..
	Kozhikode		992.98	1111.16	1377.65
	Cannanore		991.46	1100.30	1366.06
XVI. Cardamom/Kg.	Trivandrum		..	..	..
	Quilon		..	..	..
	Alleppey		..	..	..
	Kottayam		..	..	..
	Idukki		118.71	73.17	75.97
	Ernakulam		168.05	132.02	131.96
	Trichur		..	..	..
	Palghat		..	..	..
	Malappuram		..	..	..
	Kozhikode		148.33	122.27	119.67
	Cannanore		..	..	..
XVII. Tea/Kg.	Trivandrum		..	..	..
	Quilon		..	..	..
	Alleppey		..	..	..
	Kottayam		15.15	17.17	17.08
	Idukki		..	..	..
	Ernakulam		16.09	16.07	15.77
	Trichur		..	..	..
	Palghat		..	..	..
	Malappuram		..	..	..
	Kozhikode		11.36	12.33	13.45
	Cannanore		13.31	15.04	14.37

Source: Directorate of Economics and Statistics.

### 15-4-Yearly Average Retail Prices of Necessary Commodities (District-wise)

(in Rupees)

	District	1980	1981
	(1)	(2)	(3)
I. Rice (O.M.)/Kg.	Trivandrum	2.58	3.60
	Quilon	2.37	3.30
	Alleppey	2.29	3.13
	Kottayam	2.39	3.17
	Idukki	2.43	3.14
	Ernakulam	2.39	3.19
	Trichur	2.41	3.23
	Palghat	2.37	3.20
	Malappuram	2.35	3.22
	Kozhikode	2.46	3.33
	Cannanore	2.40	2.98
	II. Chillies/Kg.	Trivandrum	9.05
Quilon		7.69	12.36
Alleppey		7.93	12.93
Kottayam		8.64	12.57
Idukki		8.03	11.75
Ernakulam		8.54	12.93
Trichur		8.71	13.86
Palghat		8.38	13.20
Malappuram		8.72	12.18
Kozhikode		9.30	14.03
Cannanore		8.49	10.19

	(1)	(2)	(3)
III. Onion/Kg.	Trivandrum	1.83	1.91
	Quilon	1.59	1.63
	Alleppey	1.48	1.56
	Kottayam	1.58	1.63
	Idukki	1.53	1.52
	Ernakulam	1.65	1.76
	Trichur	1.65	1.63
	Palghat	1.33	1.43
	Malappuram	1.48	1.54
	Kozhikode	1.78	1.80
Cannanore	1.67	1.80	
IV. Salt/Kg.	Trivandrum	0.30	0.30
	Quilon	0.28	0.29
	Alleppey	0.28	0.33
	Kottayam	0.30	0.33
	Idukki	0.30	0.29
	Ernakulam	0.32	0.37
	Trichur	0.28	0.33
	Palghat	0.28	0.30
	Malappuram	0.30	0.32
	Kozhikode	0.39	0.47
Cannanore	0.43	0.45	
V. Coconut (without husk)/ Dozen	Trivandrum	15.67	14.39
	Quilon	18.53	16.55
	Alleppey	17.84	18.84
	Kottayam	19.68	19.14
	Idukki	22.01	22.36
	Ernakulam	19.43	18.70
	Trichur	18.83	18.79
	Palghat	16.35	16.85
	Malappuram	16.34	17.66
	Kozhikode	17.58	18.99
Cannanore	17.41	18.11	
VI. Coconut Oil/Litre	Trivandrum	16.48	14.11
	Quilon	14.75	13.80
	Alleppey	14.83	14.02
	Kottayam	14.98	15.63
	Idukki	15.40	14.97
	Ernakulam	16.48	15.53
	Trichur	15.36	14.48
	Palghat	15.28	14.31
	Malappuram	15.13	14.48
	Kozhikode	15.61	15.46
Cannanore	15.18	14.50	
VII. Gingelly Oil/Litre	Trivandrum	14.53	16.60
	Quilon	13.53	14.91
	Alleppey	12.56	14.16
	Kottayam	13.70	16.02
	Idukki	13.92	14.84
	Ernakulam	15.00	16.35
	Trichur	14.31	15.45
	Palghat	13.25	14.19
	Malappuram	13.35	14.57
	Kozhikode	13.95	15.37
Cannanore	13.67	14.84	

	(1)	(2)	(3)
VIII. Dhall/Kg.	Trivandrum	5.90	6.34
	Quilon	5.38	6.01
	Alleppey	5.51	6.07
	Kottayam	4.65	5.76
	Idukki	5.07	5.48
	Ernakulam	5.74	6.34
	Trichur	5.25	5.75
	Palghat	5.03	5.51
	Malappuram	4.61	5.62
	Kozhikode	5.18	5.96
Cannanore	5.62	6.22	
IX. Greengram/Kg.	Trivandrum	5.05	5.44
	Quilon	4.74	5.23
	Alleppey	4.56	5.17
	Kottayam	4.84	5.35
	Idukki	4.65	5.19
	Ernakulam	5.10	5.92
	Trichur	4.99	5.61
	Palghat	4.88	5.42
	Malappuram	5.09	5.78
	Kozhikode	5.22	5.88
Cannanore	5.06	5.79	
X. Blackgram/Kg.	Trivandrum	4.25	4.53
	Quilon	3.95	4.70
	Alleppey	3.85	4.17
	Kottayam	4.33	4.65
	Idukki	4.40	4.62
	Ernakulam	3.69	4.16
	Trichur	3.69	3.78
	Palghat	4.00	4.34
	Malappuram	4.44	5.23
	Kozhikode	4.96	5.40
Cannanore	3.57	3.88	
XI. Redgram/Kg.	Trivandrum	4.22	4.93
	Quilon	3.68	4.51
	Alleppey	3.75	4.59
	Kottayam	3.85	4.73
	Idukki	3.62	4.19
	Ernakulam	3.95	4.89
	Trichur	3.82	4.60
	Palghat	3.98	4.89
	Malappuram	3.74	4.55
	Kozhikode	4.01	4.87
Cannanore	3.78	4.67	
XII. Plantain/Kg.	Trivandrum	1.73	1.86
	Quilon	1.65	2.15
	Alleppey	1.58	1.80
	Kottayam	1.65	1.66
	Idukki	1.47	1.70
	Ernakulam	1.55	1.76
	Trichur	1.58	1.81
	Palghat	1.73	1.76
	Malappuram	1.67	1.79
	Kozhikode	2.07	2.18
Cannanore	1.72	1.82	

	(1)	(2)	(3)
XIII. Milk (Cows)/Litre	Trivandrum	2.38	2.70
	Quilon	2.34	2.55
	Alleppey	2.39	2.65
	Kottayam	2.36	2.59
	Idukki	1.98	2.28
	Ernakulam	2.88	3.42
	Trichur	2.41	2.60
	Palghat	2.40	2.81
	Malappuram	2.78	3.09
	Kozhikode	2.60	2.93
	Cannanore	2.65	3.12
XIV. Milk (Buffaloes)/Litre	Trivandrum	3.03	3.40
	Quilon	2.84	3.23
	Alleppey	3.82	4.00
	Kottayam	2.77	3.19
	Idukki	N.A.	3.92
	Ernakulam	3.50	3.95
	Trichur	3.00	3.10
	Palghat	2.40	2.81
	Malappuram	N.A.	3.00
	Kozhikode	2.82	3.31
	Cannanore	3.09	3.79
XV. Sugar (OM)/Kg.	Trivandrum	7.01	7.02
	Quilon	6.92	6.87
	Alleppey	7.36	6.95
	Kottayam	7.17	7.06
	Idukki	6.24	7.36
	Ernakulam	7.48	7.15
	Trichur	7.11	7.06
	Palghat	6.92	6.87
	Malappuram	7.09	6.92
	Kozhikode	7.32	7.06
	Cannanore	7.12	6.90
XVI. Brinjal/Kg.	Trivandrum	1.50	2.03
	Quilon	1.45	1.88
	Alleppey	1.66	2.29
	Kottayam	1.58	2.11
	Idukki	1.15	1.65
	Ernakulam	2.00	2.36
	Trichur	1.51	1.89
	Palghat	2.07	1.37
	Malappuram	0.89	1.29
	Kozhikode	1.86	2.25
	Cannanore	1.62	1.89
XVII. Ladies finger/Kg.	Trivandrum	1.28	1.74
	Quilon	1.23	1.64
	Alleppey	1.33	1.73
	Kottayam	1.38	1.92
	Idukki	1.46	1.82
	Ernakulam	2.10	2.59
	Trichur	1.80	2.12
	Palghat	1.35	1.75
	Malappuram	1.52	1.76
	Kozhikode	2.09	2.31
	Cannanore	2.20	2.77



	(1)	(2)	(3)
XVIII. Cucumber/Kg.	Trivandrum	0.65	0.88
	Quilon	1.33	1.68
	Alleppey	0.88	1.23
	Kottayam	1.01	1.33
	Idukki	1.14	1.48
	Ernakulam	1.34	1.51
	Trichur	1.15	1.49
	Palghat	0.68	0.85
	Malappuram	0.71	0.93
	Kozhikode	1.09	1.34
	Cannanore	1.08	1.18
XIX. Pumpkin/Kg.	Trivandrum	0.69	0.83
	Quilon	0.98	1.17
	Alleppey	0.83	1.01
	Kottayam	1.10	1.41
	Idukki	0.92	1.23
	Ernakulam	1.09	1.31
	Trichur	1.10	1.01
	Palghat	0.83	1.01
	Malappuram	0.80	1.03
	Kozhikode	0.94	1.27
	Cannanore	0.96	1.02
XX. Chenai/Kg.	Trivandrum	0.74	1.04
	Quilon	0.94	1.08
	Alleppey	0.90	1.08
	Kottayam	0.98	1.19
	Idukki	1.16	1.36
	Ernakulam	1.08	1.28
	Trichur	0.93	1.16
	Palghat	0.64	0.93
	Malappuram	0.86	0.94
	Kozhikode	0.97	1.00
	Cannanore	0.97	1.00
XXI. Tapioca/Kg.	Trivandrum	0.50	0.50
	Quilon	0.53	0.59
	Alleppey	0.61	0.66
	Kottayam	0.66	0.75
	Idukki	0.78	0.83
	Ernakulam	0.66	0.70
	Trichur	0.56	0.57
	Palghat	0.50	0.57
	Malappuram	0.64	0.70
	Kozhikode	0.72	0.76
	Cannanore	0.97	1.04
XXII. Tea (Brooke Bond)/Kg.	Trivandrum	18.34	21.49
	Quilon	20.32	20.60
	Alleppey	19.00	20.97
	Kottayam	19.95	19.95
	Idukki	16.12	15.66
	Ernakulam	20.24	20.50
	Trichur	19.06	19.18
	Palghat	18.40	18.40
	Malappuram	19.39	19.50
	Kozhikode	19.16	19.78
	Cannanore	19.30	18.89
XXIII. Coffee Powder (Brooke Bond) /Kg.	Trivandrum	18.30	20.12
	Quilon	18.57	20.59
	Alleppey	18.14	20.50
	Kottayam	18.49	19.45
	Idukki	16.00	16.15
	Ernakulam	18.26	19.96
	Trichur	17.84	19.56
	Palghat	17.71	19.20
	Malappuram	18.29	20.11
	Kozhikode	18.32	20.55
	Cannanore	18.04	19.93

	(1)	(2)	(3)
XXIV. Betel leaves/100 Nos.	Trivandrum	2.33	2.23
	Quilon	1.62	1.94
	Alleppey	2.20	2.38
	Kottayam	2.31	2.61
	Idukki	1.67	2.09
	Ernakulam	2.28	2.26
	Trichur	1.35	1.87
	Palghat	0.83	0.95
	Malappuram	1.18	1.54
	Kozhikode	1.50	1.82
	Cannanore	1.13	1.15
XXV. Arecanut/100 Nos.	Trivandrum	8.42	9.74
	Quilon	8.67	9.72
	Alleppey	8.91	10.51
	Kottayam	8.85	10.11
	Idukki	7.30	9.56
	Ernakulam	8.50	10.27
	Trichur	11.03	14.09
	Palghat	8.01	9.62
	Malappuram	6.83	11.24
	Kozhikode	8.07	9.84
	Cannanore	6.82	9.33
XXVI. Tobacco (Vadakkan)/Kg.	Trivandrum	11.58	9.50
	Quilon	11.27	9.68
	Alleppey	10.11	9.60
	Kottayam	12.29	12.25
	Idukki	13.00	12.93
	Ernakulam	10.12	10.33
	Trichur	9.45	9.80
	Palghat	11.29	13.00
	Malappuram	12.00	12.00
	Kozhikode	13.66	14.56
	Cannanore	13.83	14.85
XXVII. Tobacco(Jaffna)/Kg.	Trivandrum	13.78	8.50
	Quilon	10.15	9.27
	Alleppey	12.17	10.42
	Kottayam	13.42	11.38
	Idukki	16.00	15.73
	Ernakulam	15.36	14.03
	Trichur	14.11	12.96
	Palghat	N.A.	12.00
	Malappuram	N.A.	13.00
	Kozhikode	10.00	19.93
	Cannanore	N.A.	N.A.
XXVIII. Coriander/Kg.	Trivandrum	6.05	9.12
	Quilon	5.06	8.24
	Alleppey	5.04	7.97
	Kottayam	5.04	8.07
	Idukki	5.14	7.96
	Ernakulam	7.06	9.52
	Trichur	5.65	8.72
	Palghat	5.84	9.09
	Malappuram	4.71	8.58
	Kozhikode	6.03	9.35
	Cannanore	5.67	8.71
XXIX. Mutton/Kg.	Trivandrum	17.21	20.54
	Quilon	19.65	20.17
	Alleppey	18.00	18.40
	Kottayam	19.00	19.13
	Idukki	17.17	19.10
	Ernakulam	17.41	18.26
	Trichur	18.85	20.00
	Palghat	16.73	17.00
	Malappuram	17.08	18.25
	Kozhikode	19.73	20.86
	Cannanore	19.46	20.75

	(1)	(2)	(3)
XXX. Beef/Kg.	Trivandrum	8.00	8.75
	Quilon	7.65	7.77
	Alleppey	7.33	8.00
	Kottayam	7.10	7.75
	Idukki	8.80	7.23
	Ernakulam	7.22	7.67
	Trichur	6.81	7.54
	Palghat	6.31	7.00
	Malappuram	5.74	6.12
	Kozhikode	6.98	7.44
	Cannanore	7.51	7.39
XXXI. Firewood (Split)/10 Kg.	Trivandrum	5.08	4.55
	Quilon	3.56	4.07
	Alleppey	4.04	4.89
	Kottayam	1.74	1.95
	Idukki	0.86	0.90
	Ernakulam	3.68	3.83
	Trichur	3.17	3.46
	Palghat	3.43	3.37
	Malappuram	2.76	2.69
	Kozhikode	2.40	2.46
	Cannanore	3.50	3.82
XXXII. Kerosene/Litre	Trivandrum	1.58	1.76
	Quilon	1.58	1.76
	Alleppey	1.55	1.74
	Kottayam	1.56	1.75
	Idukki	1.58	1.73
	Ernakulam	1.54	1.73
	Trichur	1.54	1.74
	Palghat	1.57	1.75
	Malappuram	1.58	1.77
	Kozhikode	1.59	1.77
	Cannanore	1.59	1.76
XXXIII. Washing charge/100 Nos.	Trivandrum	40.00	40.00
	Quilon	40.00	46.73
	Alleppey	48.75	50.00
	Kottayam	57.50	57.50
	Idukki	40.00	40.00
	Ernakulam	53.33	55.17
	Trichur	50.00	50.00
	Palghat	38.13	47.50
	Malappuram	49.79	50.00
	Kozhikode	46.42	48.50
	Cannanore	45.63	60.00
XXXIV. Mundu (Dhothi Handloom) each	Trivandrum	16.18	17.60
	Quilon	10.38	12.20
	Alleppey	9.40	12.63
	Kottayam	10.97	11.04
	Idukki	12.09	12.50
	Ernakulam	10.85	13.08
	Trichur	10.40	11.36
	Palghat	9.12	10.53
	Malappuram	11.12	11.98
	Kozhikode	11.46	11.35
	Cannanore	9.63	10.83

Source: D.E.S.

15.4.1.—Statement showing the State average of retail prices of essential commodities (in Rs.) for the year 1980.

Sl. No.	Name of commodity	Unit	January	February	March	April	May	June	July	August	Septem-ber	October	Novem-ber	Decem-ber
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Rice (O.M.)	Kg.	2.28	2.26	2.24	2.30	2.32	2.38	2.57	2.55	2.44	2.34	2.54	2.58
2	Greengram	"	4.61	4.71	4.76	4.96	5.24	5.44	5.47	5.29	4.75	4.99	5.41	5.42
3	Blackgram	"	3.65	3.66	3.69	3.63	3.65	3.62	3.67	3.63	3.69	3.76	3.99	3.95
4	Redgram	"	3.64	3.65	3.63	3.59	3.63	3.83	3.95	3.93	3.94	4.00	4.12	4.04
5	Dhall	"	5.26	5.19	5.26	5.23	5.17	5.20	5.24	5.20	5.13	5.74	6.18	6.11
6	Coconut oil	"	13.98	14.80	13.57	14.35	15.23	16.07	17.65	17.63	17.72	19.21	20.25	18.91
7	Groundnut oil	"	11.16	11.79	12.40	11.64	11.55	11.60	12.30	12.63	12.72	12.93	13.11	13.13
8	Refined oil	"	15.71	15.67	15.77	15.84	15.78	15.78	16.76	17.09	17.14	15.38	16.82	17.01
9	Gingelly oil	"	13.16	13.91	14.26	15.79	16.24	14.99	15.39	14.94	14.20	13.89	14.16	14.51
10	Tapioca (raw)	"	0.67	0.67	0.69	0.69	0.65	0.63	0.64	0.66	0.66	0.66	0.66	0.66
11	Chenai	"	0.89	0.83	0.83	0.86	0.88	1.10	1.05	0.97	0.92	0.89	0.94	0.83
12	Banana (Green)	"	2.38	2.32	2.24	2.08	2.49	2.67	2.68	3.07	2.69	2.74	2.58	2.62
13	Milk (Cow's)	Ltr.	2.49	2.51	2.52	2.52	2.53	2.53	2.64	2.67	2.69	2.78	2.78	2.79
14	Egg (Hen's)	Doz.	5.27	4.62	4.44	4.41	4.60	4.88	5.42	5.13	4.81	5.08	5.65	5.80
15	Mutton	Kg.	17.90	17.90	18.00	18.30	18.40	18.60	18.80	18.80	18.80	18.80	18.80	19.00
16	Potato	"	1.84	1.84	1.64	1.64	2.09	2.28	1.95	1.96	2.27	2.74	2.50	2.24
17	Coriander	"	3.94	4.75	5.14	5.23	5.53	5.52	5.57	5.65	5.45	5.28	7.00	6.46
18	Chillies	"	9.22	8.70	8.49	7.91	7.78	8.16	8.22	8.82	8.44	8.46	8.30	8.25
19	Onion	"	2.23	1.58	1.41	1.49	1.51	1.97	1.47	1.14	1.17	1.40	1.39	1.25
20	Tamarind	"	6.08	5.63	5.95	6.03	6.30	7.00	7.68	7.98	8.19	8.25	8.20	8.40
21	Tea (Brooke bond A1 dust)	"	20.09	20.30	21.24	21.44	21.44	21.44	21.44	21.44	21.44	21.44	21.59	21.42
22	Coffee Powder (B.B.)	"	17.33	17.33	17.39	17.43	17.48	17.58	17.58	17.58	17.58	17.58	17.52	18.74
23	Sugar (O.M.)	"	4.66	6.77	6.10	5.88	5.80	6.11	8.02	7.79	10.08	10.58	8.54	7.25
24	Coconut (without husk)	100 Nos.	117.20	119.75	115.50	123.30	130.25	138.00	147.50	147.75	146.00	159.75	116.25	150.50
25	Tobacco	Kg.	13.25	13.10	12.75	12.55	12.60	12.65	12.50	12.35	12.25	11.85	11.80	11.80
26	Firewood	Qd.	28.09	33.60	33.40	33.40	34.20	33.85	34.10	34.10	34.65	34.65	36.50	36.20
27	Mundu (Mull)	Each	10.99	11.07	11.34	11.25	11.32	11.33	11.45	11.56	11.40	11.56	11.56	11.68
28	Mundu (Kora)	"	8.43	8.53	8.58	8.49	8.40	8.62	8.67	8.78	8.75	8.65	8.66	8.78
29	Paper	24 Nos.	1.94	2.07	2.07	2.10	2.16	2.26	2.21	2.22	2.22	2.25	2.21	2.35
30	Washing soda	Kg.	4.57	4.57	4.62	4.51	4.37	4.34	4.35	4.23	4.23	4.13	4.11	4.11
31	Washing soap (Sunlight bar)	Each	1.98	2.07	2.09	2.15	2.20	2.27	2.29	2.29	2.30	2.30	2.31	2.31
32	Toilet soap (Lux)	"	1.70	1.73	1.75	1.76	1.80	1.84	1.88	1.89	1.90	1.90	1.90	1.90
33	Razor blade	5 Nos.	0.66	0.66	0.68	0.68	0.68	0.78	0.78	0.78	0.78	0.78	0.78	0.82
34	Tooth paste	"	4.18	4.30	4.24	4.27	4.35	4.34	4.35	4.35	4.21	4.14	4.00	3.97
35	Anacin (2 tablets)	"	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
36	Electric bulb 40 W.	"	3.69	3.83	3.87	3.87	3.88	3.97	3.97	3.97	3.97	3.97	3.97	3.97
37	Aluminium cooking pot	Kg.	30.64	31.14	31.79	32.30	33.10	33.20	33.40	33.90	34.32	34.31	34.62	31.09
38	Cement	Bgg.	29.21	30.08	29.94	29.87	30.08	30.04	30.15	30.68	30.68	31.10	31.30	31.47
39	Babyfood (Amul)	Kg.	25.10	25.75	26.23	26.23	26.23	26.26	26.15	26.31	26.09	26.52	26.52	26.43
40	Torch battery - Everady-950	Each	1.97	1.97	1.97	1.98	2.01	2.03	2.06	2.09	2.10	2.13	2.13	2.13

## 15.4.2—Statement showing the State average of retail prices of essential commodities (in Rs.) for the year 1981

Sl. No.	Name of commodity	Unit	January	February	March	April	May	June	July	August	September	October	November	December
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Rice (O.M.)	Kg.	2.78	3.06	3.12	3.18	3.21	3.29	3.38	3.59	3.43	3.22	3.15	3.08
2	Greengram	"	5.51	5.74	5.77	5.96	6.08	6.10	6.13	5.82	5.25	4.98	4.87	4.83
3	Blackgram	"	3.65	3.92	3.89	3.87	3.93	3.98	4.00	4.02	4.04	4.09	4.09	4.12
4	Redgram	"	4.17	4.44	4.44	4.56	4.76	4.91	5.01	5.00	5.00	4.83	4.69	4.37
5	Dhali	"	5.98	5.91	5.86	5.90	5.94	5.94	5.95	6.10	6.09	6.11	6.10	6.19
6	Coconut oil	"	17.62	16.32	14.83	15.53	14.89	15.25	15.63	15.45	15.18	14.42	14.10	13.81
7	Groundnut oil	"	14.63	15.96	14.88	15.11	15.19	15.43	15.99	16.87	16.29	15.56	15.14	14.83
8	Refined oil	"	18.19	20.07	23.83	23.83	23.80	23.78	24.25	25.22	25.55	25.64	25.09	24.22
9	Gingelly oil	"	15.23	16.18	15.90	15.93	16.03	16.08	16.17	16.53	16.52	16.42	16.04	16.06
10	Tapioca (raw)	"	0.60	0.68	0.68	0.68	0.65	0.67	0.70	0.74	0.71	0.76	0.79	0.77
11	Chennai	"	0.83	0.82	0.98	0.92	1.17	1.29	1.45	1.24	1.22	1.13	1.03	1.03
12	Banana (green)	"	2.36	2.51	2.50	2.35	2.93	3.04	3.09	3.06	2.96	3.02	2.69	2.67
13	Milk (Cow's)	Ltr.	2.83	2.83	2.89	2.89	2.93	2.93	2.95	2.95	2.98	3.11	3.11	3.11
14	Egg (Hen's)	Doz.	5.33	5.20	5.14	4.86	5.21	5.89	6.06	6.09	5.79	5.91	6.93	6.42
15	Mutton	Kg.	19.00	19.00	19.00	19.00	19.00	19.10	19.50	19.70	19.50	19.90	20.10	20.10
16	Potato	"	2.08	2.12	2.12	2.08	2.22	2.12	1.83	1.61	1.64	1.81	2.01	2.17
17	Coriander	"	7.30	7.40	7.77	8.23	8.52	8.95	9.18	9.58	9.51	9.53	9.53	9.31
18	Chillies	"	9.41	9.84	11.45	11.49	11.69	12.69	14.32	17.28	14.48	15.30	16.20	16.53
19	Onion	"	1.03	0.97	1.31	1.30	1.41	1.26	1.35	1.41	1.46	2.16	2.91	2.81
20	Tamarind	"	7.87	6.74	6.94	7.09	7.14	7.14	7.33	7.55	7.60	7.50	7.50	7.80
21	Tea (Brooke bond A 1 dust)	"	21.75	22.14	22.54	23.09	23.05*	23.05	23.29	24.00	23.88	23.66	23.73	23.88
22	Coffee Powder (B.B.)	"	19.37	20.15	20.15	20.15	20.18	20.16	20.21	20.26	20.21	20.21	20.16	20.16
23	Sugar (O.M.)	"	7.38	7.48	7.92	8.27	7.66	7.51	6.58	5.74	5.69	5.69	5.51	5.96
24	Coconut (without husk)	100 Nos.	156.50	151.00	142.20	141.80	135.00	135.50	135.00	134.50	136.70	129.75	127.50	125.25
25	Tobacco	Kg.	11.80	11.85	11.90	11.85	11.85	11.85	11.95	11.80	11.75	11.60	11.55	11.50
26	Firewood	Qil.	36.75	40.20	37.50	37.65	38.70	40.60	40.05	40.35	41.10	40.40	40.90	40.90
27	Mundu (Mull)	Each	11.80	11.97	11.97	12.50	12.50	12.68	12.73	13.02	12.76	12.77	13.01	13.05
28	Mundu (Kora)	"	8.79	8.93	8.99	9.06	9.12	9.59	9.53	9.51	9.63	9.63	9.59	9.57
29	Paper	24 sheets	2.32	2.33	2.42	2.44	2.43	2.49	2.49	2.48	2.38	2.36	2.37	2.37
30	Washing soda	Kg.	4.06	4.05	4.01	3.95	3.95	3.92	3.90	3.90	3.91	3.90	3.86	3.81
31	Washing soap (Sunlight bar)	Each	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31
32	Toilet soap (Lux)	"	1.91	1.91	1.91	1.98	1.98	1.99	1.99	1.99	2.00	2.00	2.00	2.00
33	Razor blade	5 Nos.	0.84	0.85	0.85	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.91
34	Tooth paste (Colgate)	50 gm.	3.99	3.97	3.53	3.56	3.56	3.56	3.49	3.49	3.51	3.52	3.55	3.55
35	Anacin	2 tabs.	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
36	Electric Bulb Osram 40 W.	Each	3.97	4.00	4.05	4.09	4.18	4.18	4.18	4.21	4.27	4.37	4.37	4.43
37	Aluminium Cooking pot	Kg.	35.45	35.15	35.85	38.35	39.55	39.55	40.25	40.25	40.25	40.65	40.65	39.75
38	Cement	Bag.	31.61	31.80	32.14	32.14	32.14	32.14	34.13	35.64	36.33	36.72	36.72	36.72
39	Babyfood (Amul)	Kg.	26.73	27.13	27.62	28.78	28.78	29.42	30.99	31.42	31.87	32.49	32.51	32.71
40	Torch Battery—Everady—950	Each	2.13	2.13	2.16	2.35	2.38	2.38	2.38	2.44	2.48	2.49	2.49	2.49

## 15.5—Yearly average prices of different varieties of coir—1980-81 (Unit/Qt.)

(In Rs.)

Variety	1980					1981				
	1st	2nd	3rd	4th	Yearly	1st	2nd	3rd	4th	Yearly
	Quarter	Quarter	Quarter	Quarter	average	Quarter	Quarter	Quarter	Quarter	average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. Anjengo	552.81	551.11	549.72	535.35	547.24	531.04	572.92	540.63	551.25	548.96
2. Anjengo lowest variety	..	..	..	..	..	..	..	..	..	..
3. Mangadan	391.88	395.31	393.13	395.00	394.58	415.94	415.00	416.85	416.88	416.17
4. Ashtamudy	338.75	340.00	355.00	365.00	349.69	402.50	385.00	385.00	385.00	389.38
5. Alapat	324.07	358.75	358.75	362.50	351.02	455.00	451.25	450.00	451.25	451.88
6. Aratory	487.50	487.50	487.50	487.50	487.50	487.50	487.50	487.50	487.50	487.50
7. Vaikom yarn	421.25	427.50	417.50	417.50	420.93	415.00	414.06	406.25	408.94	411.06
8. Beach yarn-thin	297.22	297.22	300.00	300.00	298.61	300.00	300.00	300.00	300.00	300.00
9. Parur yarn-thin	..	..	..	353.00	353.00	..	..	..	..	..
10. M.K. yarn-sandy	..	..	400.00	407.00	403.50	420.00	..	..	..	420.00
11. M.K. yarn - without sandy	..	..	..	..	..	..	..	..	..	..
12. Parur yarn-thick	393.75	383.33	366.67	354.58	374.58	350.25	400.00	400.00	400.00	389.06
13. Vanna coir	290.63	295.00	317.50	306.25	302.34	317.50	322.50	323.75	337.50	325.31
14. Mangadan coir	405.00	456.25	446.25	450.00	439.37	457.50	482.50	481.25	495.00	479.06
15. Beypore	412.50	400.00	380.00	400.00	398.13	415.00	423.75	400.00	410.00	412.19
16. Quilandy coir	427.50	420.00	420.00	415.00	420.63	440.00	460.00	440.00	435.00	443.75
17. Pachachoodi	253.75	246.25	245.00	263.75	252.19	270.00	268.75	265.00	270.00	268.44
18. Tirur coir	348.75	355.00	355.00	346.88	351.41	354.38	363.13	353.75	357.50	357.19

Source: D.E.S.

## 15.6.1—Monthly average Export prices at Mattancherry—1980

Sl. No.	Commodity	Unit	January	February	March	April	May	June
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Wheat - long	Qt.	208.75	205.00	200.00	201.25	198.13	201.00
2	Horsegram	"	147.50	142.50	145.00	145.00	146.25	155.25
3	Blackgram	"	268.75	276.25	280.00	287.50	286.25	286.00
4	Bengalgram	"	318.75	321.88	296.50	288.44	267.50	294.00
5	Greengram	"	370.00	382.50	400.50	436.30	462.50	491.40
6	Gingelly	"	570.00	577.50	605.50	725.00	771.88	750.00
7	Jaggery	"	..	..	..	..	..	..
8	Chillies	"	690.63	640.63	622.50	621.25	603.12	634.50
9	Tamarind	"	487.50	462.50	400.00	650.00	525.00	537.50
10	Coconut oil	"	1275.00	1345.00	1245.00	1320.00	1400.03	1467.50
11	Copra	"	839.17	878.75	821.00	865.63	915.13	966.75
12	Coconut oil cake	"	195.00	213.75	183.00	205.00	216.25	218.13
13	Groundnut oil	"	..	..	..	..	..	..
14	Groundnut (unhusked)	"	..	..	..	..	..	..
15	Pepper (ungarbled)	"	1440.00	1383.75	1310.00	1307.50	1278.75	1295.00
16	Turmeric (Salem)	"	318.75	371.25	355.00	340.00	..	275.00
17	Dry Ginger (unbleached)	"	488.75	475.00	454.00	433.75	400.00	386.25
18	Cashewnut (Indian)	Tonnes	N.A.	N.A.	..	..	..	..
19	Cashewnut (African)	"	..	..	..	..	..	..
20	Cashew Kernal	Kg.	..	..	..	..	..	..
21	Ghee	"	..	..	..	..	..	..
22	Sugar	Bag	445.00	615.00	599.60	580.00	560.50	579.00
23	Coconut (unhusked)	1000 Nos.	918.75	1025.00	1032.50	962.50	..	..
24	" (husked)	"	1100.00	1150.00	1150.00	1125.00	..	..
25	Lemongrass Oil	10 Kg.	..	..	..	..	..	..
26	Tea-leaf	Kg.	14.80	15.93	16.53	16.13	15.32	13.60
27	Tea-dust	"	13.96	14.10	14.25	14.57	13.92	11.64
28	Mutton	"	14.00	14.00	14.00	14.00	14.00	14.00
29	Beaf	"	7.00	7.00	7.00	7.00	7.00	7.00
30	Cardamom	"	126.65	111.21	94.19	92.86	92.86	92.86
31	Coir Yarn (Mangadan)	Qt.	1140.00	1140.00	1140.00	1140.00	1140.00	1140.00
32	Wheat flour	Qt.	..	..	..	..	..	..

## 15.6.1 (Contd.)

Sl. No.	Commodity	Unit	July	August	September	October	November	December	Average
(1)	(2)	(3)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Wheat - long	Qtl.	208.44	214.38	226.00	227.50	245.63	264.50	216.72
2	Horsegram	"	176.88	166.25	166.00	191.12	198.13	203.00	165.24
3	Blackgram	"	281.88	280.00	290.00	310.62	321.25	321.00	289.96
4	Bengalgram	"	353.75	361.25	378.00	444.37	471.25	468.00	355.31
5	Greengram	"	481.83	416.25	368.00	418.75	446.25	444.00	426.53
6	Gingelly	"	741.25	737.50	643.50	589.37	616.88	654.00	665.94
7	Jaggery	"	..	..	..	..	..	..	..
8	Chillies	"	641.25	640.00	611.50	598.17	543.75	568.50	617.57
9	Tamarind	"	..	..	..	..	..	850.00	558.93
10	Coconut oil	"	1606.25	1572.50	1638.50	1715.00	1858.13	1677.00	1510.04
11	Copra	"	1056.25	1035.12	1072.00	1133.00	1235.00	1117.00	994.73
12	Coconut oil cake	"	227.50	220.00	215.00	238.00	255.00	238.00	218.72
13	Groundnut oil	"	..	..	..	..	..	..	..
14	Groundnut (unhusked)	"	..	..	..	..	..	..	..
15	Pepper (ungarbled)	"	1263.75	1213.75	1274.00	1439.00	1513.75	1379.00	1341.52
16	Turmeric (Salem)	"	..	..	..	..	..	281.25	323.54
17	Dry Ginger (unbleached)	"	360.00	356.25	416.00	523.00	563.75	660.00	459.73
18	Cashewnut (Indian)	Tonnes	..	..	..	..	..	..	..
19	Cashewnut (African)	"	..	..	..	..	..	..	..
20	Cashew kernal	Kg.	..	..	..	..	..	..	..
21	Ghee	"	..	..	..	..	..	..	..
22	Sugar	Bag	729.50	751.88	870.00	1125.00	870.00	713.00	703.21
23	Coconut (unhusked)	1000 Nos.	..	..	..	..	..	..	984.68
24	Coconut (husked)	"	..	..	..	..	..	..	1131.25
25	Lemongrass oil	10 Kg.	..	..	..	..	..	..	..
26	Tea - leaf	Kg.	11.19	11.70	11.58	13.06	12.95	14.12	13.91
27	Tea - dust	"	11.68	11.01	12.34	12.48	12.10	12.08	12.84
28	Mutton	"	14.00	14.00	14.00	14.00	14.00	14.00	14.00
29	Beaf	"	7.00	7.00	7.00	7.00	7.00	7.00	7.00
30	Cardamom	"	92.86	92.86	92.86	..	90.62	96.89	89.73
31	Coir yarn (Mangadan)	Qtl.	1140.00	1140.00	1140.00	1140.00	1200.00	1200.00	1150.00
32	Wheat flour	"	..	..	..	..	..	..	..

## 15.6.2-Monthly average Export prices at Mattancherry—1981

Sl. No.	Commodity	Unit	January	February	March	April	May	June
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Wheat - long	Qtl.	264.38	270.50	265.00	265.00	285.00	281.50
2	Horsegram	"	193.17	199.50	201.00	201.25	206.26	228.50
3	Blackgram	"	307.50	293.00	306.50	300.63	302.50	300.50
4	Bengalgram	"	428.13	399.00	407.50	401.25	402.50	400.50
5	Greengram	"	463.13	478.50	490.50	501.25	513.75	539.50
6	Gingelly	"	625.00	618.00	657.50	650.00	658.75	682.50
7	Jaggery	"	..	..	..	..	..	..
8	Chillies	"	581.13	684.00	905.00	962.50	963.67	1006.25
9	Tamarind	"	..	..	675.00	..	..	..
10	Wheat flour	"	..	..	..	..	..	..
11	Coconut oil	"	1626.25	1616.00	1395.00	1436.67	1366.88	1355.00
12	Copra	"	1085.00	1070.00	925.00	948.33	906.25	916.50
13	Coconut oil cake	"	240.00	243.00	216.00	215.00	217.50	215.00
14	Groundnut oil	"	..	..	..	..	..	..
15	Groundnut (unhusked)	"	..	..	..	..	..	..





**15-7-Index number of parity between prices received and paid by farmers in Kerala**  
(Base 1952-53=100)

Year	Prices received by farmers	Farm cultivation cost	Domestic expenditure	Prices paid by farmers	Parity
(1)	(2)	(3)	(4)	(5)	(6)
1970	205	270	217	242	103
1971	227	278	218	246	92
1972	222	296	232	262	85
1973	308	336	280	307	100
1974	423	414	368	390	109
1975	404	454	401	427	95
1976	406	469	356	409	99
1977	421	488	347	411	102
1978	429	498	357	422	102
1979	436	535	380	451	97
1980	481	607	441	518	93
1981	516	704	501	594	87
1982*	536	774	528	639	84

\*Provisional  
Source: D.E.S.

**15-7-1-Index number of parity between prices received and paid by farmers 1979-80 (Monthly)**  
(Base: 1952-53=100)

Details	July	August	Sept- ember	Octo- ber	Nove- mber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1. Prices received	445	446	443	444	453	456	459	470	486	472	481	485	460
2. Domestic expenditure	385	392	395	396	402	413	414	414	418	419	423	432	403
3. Farm cultivation cost	540	542	550	551	560	555	561	565	565	581	584	606	563
4. Prices paid	456	461	466	467	474	479	482	484	486	493	494	512	480
5. Parity	98	97	95	95	96	95	95	97	96	96	97	95	96

**15-7-2-Index number of parity between prices received and paid by farmers 1980-81 (Monthly)**

Details	July	August	Sept- ember	Octo- ber	Nove- mber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1. Prices received	485	481	479	492	505	490	497	509	506	525	542	530	503
2. Domestic expenditure	454	456	464	465	467	469	475	484	487	490	500	503	476
3. Farm cultivation cost	617	622	631	643	653	661	667	670	671	685	704	704	661
4. Prices paid	529	533	541	547	552	557	563	569	572	579	593	595	561
5. Parity	92	90	89	90	91	88	88	89	88	91	91	89	90

Source: D.E.S.

**15-8-Wholesale Price Index numbers (group-wise)**

(Base 1952-53=100)

Group	1960	1970	1975	1979	1980	1981	1982
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rice	122	209	319	319	319	319	319
Molasses	112	172	416	384	631	606	414
Condiments and Spices	137	234	218	378	400	442	446
Fruits and Vegetables	89	217	385	518	583	728	742
Food crops	119	213	317	364	388	417	414
Oil seeds	140	369	479	648	531	819	781
Plantation crops	111	141	247	306	331	358	387
Non-food crops	132	300	409	545	630	680	662
All crops	124	245	350	430	494	513	505

15-8-1-Index numbers of wholesale prices—Group-wise—1980.

(Base: 1952-53=100)

Group	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1. Rice	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7
2. Molasses	481.6	517.1	524.5	521.7	579.4	600.0	686.1	728.9	762.7	791.5	726.8	652.3	631.0
3. Condiments and Spices	375.8	399.2	426.1	465.2	458.4	413.6	381.4	378.9	390.8	382.3	362.3	364.6	399.9
4. Fruits and Vegetables	534.7	588.0	591.7	587.7	590.1	596.7	599.7	596.2	594.1	597.3	597.1	586.5	588.3
5. Food crops	369.7	383.7	388.9	394.5	395.7	390.2	388.2	388.5	391.2	391.3	385.9	382.1	387.5
6. Oil seeds	708.1	747.1	738.5	756.7	804.8	831.5	871.5	840.2	837.8	905.9	973.5	933.2	830.9
7. Plantation crops	321.4	319.4	321.8	326.3	332.5	327.1	333.9	337.1	343.4	340.8	333.3	338.1	331.3
8. Non-food crops	593.3	617.9	612.7	626.7	662.2	679.2	709.1	688.3	702.5	735.2	781.6	753.5	680.0
9. All crops	450.6	492.2	470.6	479.3	493.0	495.7	505.3	497.9	504.8	516.8	530.3	517.5	494.3

Source: D.E.S.

15-8-2-Index numbers of wholesale prices Group-wise 1981

(Base: 1952-53=100)

Group	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1. Rice	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7
2. Molasses	601.6	643.7	635.2	699.3	739.4	675.6	620.0	603.2	565.5	536.5	502.1	448.7	605.9
3. Condiments and Spices	397.6	420.6	421.9	475.5	631.7	649.4	411.3	353.6	401.8	392.8	376.8	365.7	441.8
4. Fruits and Vegetables	584.1	695.3	694.4	715.3	740.4	732.1	738.7	750.4	766.8	774.5	777.8	770.6	728.4
5. Food-crops	385.5	409.4	409.1	423.5	454.9	453.9	414.4	406.5	415.9	414.8	411.6	406.9	417.2
6. Oil seeds	941.0	935.9	872.0	880.2	819.6	812.3	762.2	799.6	774.8	758.6	738.4	733.0	819.0
7. Plantation crops	346.8	353.1	355.2	362.1	362.1	360.4	349.0	361.6	359.3	357.9	359.6	369.0	358.1
8. Non-food crops	761.6	759.9	715.9	723.7	681.7	675.8	637.4	667.3	649.3	637.6	624.0	623.0	679.8
9. All crops	522.8	537.3	521.1	533.1	537.7	534.9	495.8	501.7	501.1	496.1	459.1	485.8	513.1

Source: D.E.S.

15-8-3—Index numbers of wholesale prices—Group-wise—1982

(1952-53=100)

Group	January	February	March	April	May	June	July	August	September	October	November	December	Average
1. Rice	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7
2. Molasses	448.3	412.1	401.6	403.7	393.4	435.9	400.0	380.5	380.5	419.7	479.6	..	414.1
3. Condiments and Spices	365.2	375.0	402.5	433.8	513.6	583.3	608.9	452.2	452.9	376.6	346.8	..	446.4
4. Fruits and Vegetables	771.3	782.5	797.0	709.8	725.8	719.2	725.6	725.6	723.3	740.5	735.6	..	741.5
5. Food crops	406.9	408.9	415.8	406.3	421.7	433.3	437.4	411.2	410.9	402.6	398.9	..	413.9
6. Oil seeds	740.6	747.5	731.6	738.5	735.8	735.0	734.8	817.2	817.4	858.6	936.7	..	781.3
7. Plantation crops	377.4	387.6	387.6	390.2	390.2	392.6	395.3	392.7	384.7	377.6	380.9	..	386.9
8. Non-food crops	630.9	638.8	627.7	633.3	631.4	631.6	635.2	689.0	686.7	713.3	768.8	..	662.4
9. All crops	488.7	492.8	493.1	489.2	498.2	505.7	509.6	512.6	511.6	516.0	533.9	..	504.7

Source: D.E.S.

15-9—Wholesale Price Index numbers—Commodity-wise (Yearly Average)

Base: 1952-53=100

Commodity	1960	1965	1970	1975	1979	1980	1981	1982
Rice	122.4	135.4	208.6	318.7	318.7	318.7	318.7	318.7
Molasses	111.6	117.0	172.4	415.8	384.4	631.0	610.0	416.4
Pepper	49.4	37.6	62.6	110.0	144.8	129.6	125.1	119.7
Garlic	110.3	220.7	681.0	479.4	354.6	294.4	538.5	398.9
Turmeric	208.1	182.8	991.7	667.5	1049.1	546.4	629.6	932.5
Arecanut	164.8	215.8	233.0	193.6	356.8	427.8	485.4	436.1
Cardamom	120.3	180.4	331.9	452.8	936.0	427.8	720.9	904.7
Banana	124.9	185.6	276.4	477.6	545.4	596.1	673.6	738.5
Gingelly/Sesamum	126.6	191.6	293.3	484.4	524.5	711.1	702.1	758.1
Groundnut	120.4	181.1	350.1	489.6	512.3	579.1	579.1	633.4
Cashewnut	92.0	125.7	231.0	387.4	650.1	767.5	1014.2	896.6
Tapioca	77.8	177.1	189.3	362.8	378.4	404.3	448.9	580.7
Coconut	140.3	232.1	369.7	479.4	649.6	835.2	825.1	795.8
Lemongrass oil	169.8	113.5	412.9	465.6	737.2	647.8	673.2	701.9
Tea	110.6	109.7	116.3	232.1	288.8	313.2	312.6	346.3
Coffee	105.3	131.9	220.9	283.3	322.7	325.0	352.2	376.2
Rubber	116.1	113.7	156.1	263.7	336.3	375.6	464.6	452.9

Source: D.F.S.

15.9.1.—Wholesale Price Index Numbers in Kerala—Commodity-wise—1980

(1952-53=100)

Commodities	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1. Rice	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7
2. Molasses	481.6	517.1	524.5	521.7	579.4	600.0	686.1	728.9	762.7	791.3	726.8	652.3	631.0
3. Pepper	136.3	131.6	127.7	127.2	124.5	126.5	124.7	116.7	122.0	133.8	146.0	133.4	129.6
4. Ginger	321.2	306.8	298.8	295.7	271.7	260.8	246.2	240.9	266.7	367.1	389.1	368.3	294.4
5. Turmeric	705.6	644.3	559.6	532.8	473.1	442.0	437.7	445.4	439.8	452.7	770.4	653.7	546.4
6. Arecanut	390.8	412.9	456.1	522.1	519.0	450.0	396.6	400.2	419.3	404.5	377.6	384.0	427.8
7. Cardamom	735.7	842.6	836.5	786.1	755.9	774.5	821.0	786.9	759.0	709.5	642.8	662.4	759.4
8. Banana	508.8	542.7	602.3	523.8	602.5	662.1	645.9	641.7	613.5	634.3	648.0	567.8	596.1
9. Tapioca	414.4	402.0	406.0	405.2	395.2	397.5	411.1	404.1	405.3	408.1	404.7	397.9	404.3
10. Cashewnut	658.3	780.1	780.1	779.0	779.0	775.6	775.6	775.6	775.6	775.6	775.6	775.6	767.5
11. Coconut	711.1	751.5	742.3	759.8	809.3	838.0	879.9	847.0	866.1	916.3	987.9	943.5	835.2
12. Groundnut	579.1	579.1	579.1	579.1	579.1	579.1	579.1	579.1	579.1	579.1	579.1	579.1	579.1
13. Lemongrass oil	671.5	666.6	661.1	660.9	649.9	607.0	586.8	611.2	653.8	653.1	671.7	679.8	647.8
14. Sesamum	610.5	621.2	652.7	776.5	824.7	799.9	793.9	789.9	664.0	636.2	662.7	700.4	711.1
15. Tea	313.7	315.2	314.7	320.5	330.2	318.6	310.1	306.8	310.8	306.3	305.9	305.6	313.2
16. Coffee	323.8	324.2	325.2	323.9	320.4	318.5	317.8	317.3	315.6	336.1	337.7	338.9	325.0
17. Rubber	337.6	326.4	336.4	340.6	343.9	350.9	396.3	416.3	431.7	422.0	393.7	411.9	375.6

15.9.2.—Wholesale Price Index Number 1981—Commodity-wise

(1952-53=100)

Commodities	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1. Rice	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7
2. Molasses	601.6	613.7	635.2	699.3	739.4	675.6	670.0	603.2	565.5	536.5	502.1	448.7	610.0
3. Pepper	118.7	111.9	109.6	120.2	129.5	128.3	126.4	131.1	130.2	131.1	135.2	129.0	125.1
4. Ginger	578.7	537.7	529.4	596.3	603.2	562.8	530.1	558.4	554.5	488.4	484.1	497.3	538.5
5. Turmeric	622.3	748.4	685.2	649.5	531.0	495.1	490.0	506.7	633.1	645.5	714.4	784.4	629.6
6. Arecanut	431.7	448.5	456.1	527.2	763.0	788.0	433.6	361.8	432.4	415.9	391.1	375.4	485.4
7. Cardamom	653.3	774.5	747.4	768.3	762.9	759.0	777.6	660.9	660.9	700.1	694.5	691.9	720.9
8. Banana	344.5	609.4	608.8	583.1	765.3	732.5	733.0	709.6	747.3	700.3	706.9	642.9	673.6
9. Tapioca	397.4	419.3	417.4	418.3	416.6	406.1	423.3	456.2	484.8	511.9	517.8	515.3	448.9
10. Cashewnut	775.6	984.2	984.2	1034.2	1033.4	1052.3	1047.8	1047.8	1047.8	1047.8	1047.8	1014.2	1014.2
11. Coconut	951.8	946.5	879.8	888.4	825.8	818.4	766.5	805.2	779.4	762.4	741.3	735.2	825.1
12. Groundnut	579.1	579.1	579.1	579.1	579.1	579.1	579.1	579.1	579.1	579.1	579.1	579.1	579.1
13. Lemongrass oil	688.8	690.1	686.8	687.9	666.0	632.8	637.7	653.4	661.8	678.8	679.2	714.7	673.2
14. Sesamum	669.4	664.0	704.2	696.2	705.5	731.0	718.5	712.2	706.2	706.2	709.5	702.8	702.1
15. Tea	310.6	312.5	311.2	312.7	310.0	307.0	307.2	313.0	313.0	312.5	317.1	324.8	312.6
16. Coffee	339.4	348.4	351.1	348.7	346.6	346.2	339.1	355.5	362.4	362.4	362.8	363.6	352.2
17. Rubber	433.2	448.1	457.6	481.4	491.7	489.3	449.2	475.5	463.2	459.0	454.7	472.6	464.6

## 15.9.3—Wholesale Price Index Numbers - 1982—Commodity-wise

(Base: 1952-53=100)

Commodities	January	February	March	April	May	June	July	August	Septem-ber	October	Novem-ber	Decem-ber	Average	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1. Rice	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7
2. Molasses	448.3	412.1	401.6	403.7	393.4	435.9	400.0	380.5	380.5	380.5	419.7	479.6	441.0	416.4
3. Pepper	111.9	108.8	111.3	113.5	113.2	120.5	130.0	132.1	132.1	131.5	129.0	121.6	112.7	119.7
4. Ginger	518.1	621.4	824.3	928.1	879.5	888.1	1051.3	1055.9	1055.9	1035.1	995.1	1023.5	966.0	898.9
5. Turmeric	806.8	749.8	950.2	921.2	723.6	711.4	862.9	843.3	843.3	1036.5	1035.4	1223.7	1325.0	932.5
6. Arecanut	377.1	372.7	388.8	418.7	540.2	639.7	678.8	438.9	438.9	438.9	337.8	293.7	307.3	436.1
7. Cardamom	700.1	790.0	898.4	979.0	991.3	1003.0	912.8	958.8	957.8	957.8	883.9	879.8	904.6	904.7
8. Banana	627.5	608.0	629.6	619.0	831.6	831.6	835.6	817.6	817.6	775.9	787.5	794.1	704.1	738.5
9. Tapioca	519.9	548.9	572.1	574.2	583.7	569.0	582.4	586.2	586.2	589.8	625.6	613.4	602.7	580.7
10. Cashewnut	1047.8	1047.8	1052.3	861.8	843.7	843.7	843.7	843.7	843.7	843.7	843.7	843.7	843.7	896.6
11. Coconut	743.6	750.5	733.5	740.1	736.8	736.8	736.8	822.0	822.0	822.0	822.0	943.8	961.2	795.8
12. Groundnut	579.1	579.1	579.1	579.1	579.1	579.1	579.1	579.1	579.1	579.1	799.1	779.3	790.9	633.4
13. Lemongrass oil	687.5	699.5	727.6	727.9	718.4	672.7	674.0	686.8	689.0	689.0	696.8	729.4	713.1	701.9
14. Sesamum	696.2	706.2	709.5	757.2	815.3	803.2	787.2	787.2	803.3	803.3	729.4	744.4	755.6	758.1
15. Tea	330.7	333.0	335.0	339.5	342.6	346.0	345.2	344.9	350.5	350.5	362.3	362.1	363.6	346.3
16. Coffee	367.9	410.0	383.7	359.8	367.2	367.2	367.2	367.2	381.0	381.0	381.0	381.0	381.0	376.2
17. Rubber	488.6	500.6	509.6	521.2	510.6	511.9	523.9	514.7	464.7	464.7	410.9	423.7	415.1	482.9

Source: D.E.S.

## 15.10—Consumer Price Index Numbers for selected Centres in the State

Centre	1970	1976	1977	1978	1979	1980	1981	1982
Trivandrum	100	164	160	166	179	204	229	243
Quilon	100	167	163	167	179	206	235	250
Punalur	100	165	160	161	173	199	222	238
Alleppey	100	164	159	161	173	199	229	242
Kottayam	100	158	154	162	175	202	229	245
Mundakayam	100	167	156	158	170	193	224	238
Munnar	100	175	172	175	186	208	234	242
Ernakulam	100	161	158	162	171	196	223	236
Chalakydy	100	164	157	165	178	201	230	243
Trichur	100	163	158	166	179	206	234	245
Palghat	100	163	160	163	175	199	225	239
Malappuram	100	162	161	164	178	202	228	238
Kozhikode	100	166	163	170	181	204	229	243
Meppady	100	167	165	170	183	206	233	248
Cannanore	100	161	157	164	175	198	225	238

## 15.10.1—Consumer Price Index Numbers for selected Centres in the State—1980

(Base: 1970=100)

Centre	Janu- ary	Febru- ary	March	April	May	June	July	August	Sept- ember	Octo- ber	Novem- ber	Dece- mber	Aver- age
Trivandrum	195	194	194	194	196	200	210	212	214	214	215	215	204
Quilon	193	193	194	195	197	202	212	214	216	216	217	218	206
Punalur	189	188	189	189	191	196	205	207	209	209	210	210	199
Alleppey	187	186	186	188	190	195	205	207	210	211	212	214	199
Kottayam	189	190	191	192	194	198	208	210	213	213	214	215	202
Mundakayam	181	181	180	181	183	188	199	202	204	204	206	208	193
Munnar	199	198	198	198	199	203	211	214	217	217	219	221	208
Ernakulam	184	185	185	186	187	191	202	204	206	206	207	208	196
Chalakydy	190	191	190	190	191	195	206	208	211	212	214	214	201
Trichur	193	193	194	196	198	202	213	214	217	218	219	220	206
Palghat	186	187	188	188	190	194	205	207	219	210	212	213	199
Malappuram	190	190	192	193	195	199	207	209	211	212	214	215	202
Kozhikode	192	192	193	194	196	200	210	212	214	214	215	215	204
Meppady	196	197	198	198	199	202	208	211	214	215	217	219	206
Cannanore	186	187	187	187	189	194	204	206	209	209	210	210	198

Source: Directorate of Economics and Statistics.

## 15.10.2—Consumer Price Index Numbers for selected Centres in the State—1981

(Base: 1970=100)

Centre	Janu- ary	Febru- ary	March	April	May	June	July	August	Sept- ember	Octo- ber	Novem- ber	Dece- mber	Aver- age
Trivandrum	218	222	223	224	229	229	232	234	234	233	232	233	229
Quilon	221	226	228	229	233	236	239	242	242	242	243	243	235
Punalur	221	215	215	217	221	223	226	228	228	228	227	228	222
Alleppey	216	220	221	223	228	231	233	235	235	234	233	233	229
Kottayam	216	220	221	222	227	230	233	236	237	236	236	237	229
Mundakayam	211	214	216	218	223	225	228	230	231	230	231	232	224
Munnar	224	228	229	230	233	234	235	237	237	238	239	241	234
Ernakulam	211	215	217	219	224	225	227	229	229	228	228	228	223
Chalakydy	217	222	224	226	231	231	232	235	236	235	235	235	230
Trichur	223	227	228	230	234	235	236	238	239	238	238	238	234
Palghat	214	217	218	220	224	226	229	231	231	230	230	232	225
Malappuram	218	221	222	224	227	229	230	233	234	233	232	231	228
Kozhikode	216	220	222	224	229	231	233	235	235	234	234	235	229
Meppady	222	226	227	229	233	233	235	237	238	239	240	241	233
Cannanore	213	216	218	220	225	228	229	231	232	231	230	231	225

15.10.3-Consumer Price Index Numbers for selected Centres in the State—1982

(Base: 1970=100)

Centre	January	February	March	April	May	June	July	August	September	October	November	December	Average
Trivandrum	234	235	236	238	240	243	245	247	248	248	251	254	243
Quilon	242	242	241	242	244	248	251	254	256	256	260	262	250
Punalur	229	230	231	231	233	236	239	241	242	244	248	251	238
Alleppey	234	235	235	235	237	240	243	246	247	247	250	253	242
Kottayam	238	239	238	240	242	245	246	248	249	249	251	254	245
Mundakayam	233	234	233	233	234	237	238	240	240	242	246	249	238
Munnar	241	239	237	237	238	241	241	242	243	245	248	249	242
Ernakulam	229	229	229	229	231	234	236	239	240	241	244	246	236
Chalakkudy	235	236	236	238	240	242	244	246	246	248	251	254	243
Trichur	239	238	239	240	241	244	246	248	249	250	254	256	245
Palghat	233	234	234	234	235	238	240	243	243	244	246	248	239
Malappuram	230	230	229	231	233	235	238	241	243	245	248	251	236
Kozhikode	235	234	234	236	238	241	244	247	248	249	252	253	243
Meppady	241	242	241	243	243	246	249	252	253	254	256	258	246
Cannanore	231	231	230	232	233	237	239	241	242	242	246	247	238

15.10.4-Statement showing linking factors and the estimated indices on the basis of old series—1980

Centre	Linking factors												Average			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		(13)	(14)	(15)
Trivandrum	8.61	1639	1670	1670	8.68*	1684	1684	1701	1736	1823	1840	1858	1858	1866	1866	1772
Quilon	8.47	1635	1635	1657	8.54	1665	1665	1682	1725	1810	1828	1845	1845	1853	1862	1754
Punalur	8.31	1571	1562	1584	8.38	1584	1584	1601	1642	1718	1735	1751	1751	1760	1760	1668
Alleppey	8.46	1582	1574	1587	8.53	1604	1604	1621	1663	1749	1766	1791	1800	1808	1825	1638
Kottayam	8.68	1641	1649	1671	8.75	1690	1690	1698	1733	1820	1838	1864	1864	1873	1881	1768
Munnar	7.91	1580	1572	1584	8.00	1584	1584	1592	1624	1688	1712	1736	1736	1752	1768	1661
Ernakulam	8.76	1612	1621	1634	8.53	1642	1642	1651	1687	1784	1801	1819	1819	1828	1837	1728
Chalakkudy	8.71	1655	1664	1668	8.78	1668	1668	1677	1712	1809	1826	1853	1861	1879	1879	1763
Trichur	8.69	1677	1677	1699	8.76	1717	1717	1734	1770	1866	1875	1901	1910	1918	1927	1806
Kozhikode	9.45	1814	1814	1839	9.53	1839	1839	1868	1906	2001	2020	2039	2039	2049	2049	1941

\*New Index Number fixed for March 1980

## 15.10.5-Statement showing linking factors and the estimated indices on the basis of old series—1981

Centre	Linking Factors														
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Trivandrum	8.68	1892	1927	1936	1944	1988	1988	2014	2031	2031	2022	2014	2022	2022	1924
Quilon	8.54	1837	1930	1947	1956	1990	2015	2041	2067	2067	2067	2075	2067	2075	2010
Punalur	8.38	1768	1802	1802	1818	1852	1869	1894	1911	1911	1911	1902	1911	1911	1863
Alleppey	8.53	1842	1877	1885	1902	1945	1970	1987	2005	2005	2005	1987	1996	1987	1949
Kottayam	8.75	1890	1925	1934	1943	1986	2013	2039	2055	2074	2065	2065	2065	2074	2006
Munnar	8.00	1792	1824	1832	1840	1864	1872	1880	1896	1896	1904	1912	1904	1928	2006
Ernakulam	8.83	1863	1898	1916	1934	1978	1987	2004	2022	2022	2013	2013	2013	2013	1876
Chalakkudy	8.78	1905	1949	1967	1984	2028	2028	2037	2063	2072	2063	2063	2063	2063	2019
Trichur	8.76	1958	1989	1997	2015	2050	2059	2067	2085	2094	2085	2085	2085	2085	2050
Kozhikode	9.53	2058	2097	2116	2135	2182	2201	2220	2240	2240	2230	2230	2230	2240	2182

## 15.10.6-Statement showing the linking factors and the estimated indices on the basis of the old series—1982

Centre	Linking Factors														
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Trivandrum	8.68	2031	2040	2040	2048	2066	2083	2109	2127	2144	2153	2179	2153	2205	2112
Quilon	8.54	2067	2067	2067	2058	2067	2084	2118	2144	2169	2186	2220	2186	2237	2134
Punalur	8.38	1919	1927	1936	1936	1936	1933	1978	2003	2020	2028	2078	2045	2103	1991
Alleppey	8.53	1996	2005	2005	2005	2005	2022	2047	2073	2098	2107	2133	2107	2158	2063
Kottayam	8.75	2083	2091	2083	2083	2100	2118	2144	2153	2170	2179	2196	2179	2223	2143
Munnar	8.00	1928	1912	1896	1896	1896	1904	1928	1928	1936	1944	1984	1960	1992	1934
Ernakulam	8.83	2022	2022	2022	2022	2022	2040	2066	2084	2110	2119	2155	2128	2172	2080
Chalakkudy	8.78	2063	2072	2072	2072	2090	2107	2125	2142	2160	2160	2204	2177	2230	2134
Trichur	8.76	2094	2085	2094	2094	2102	2111	2137	2155	2172	2191	2225	2190	2243	2149
Kozhikode	9.53	2240	2230	2230	2230	2240	2266	2297	2325	2354	2363	2402	2373	2411	2311



## 15.11.1—Index Number of Agricultural Wages—1980

(Base: 1952-53=100)

Period	Skilled Labour		Paddy field Labour		Other Agricultural Labour		Herdsmen
	Carpenter	Mason	Men	Women	Men	Women	Children
January	653.7	644.5	590.0	741.6	625.3	762.8	454.6
February	654.9	644.5	590.0	741.6	625.3	765.1	454.6
March	660.6	650.4	596.7	751.0	625.3	765.1	454.6
April	666.8	657.9	619.9	762.2	628.3	777.7	454.6
May	690.5	684.8	638.5	810.2	651.5	793.7	454.6
June	712.2	705.9	651.6	834.8	664.9	805.1	461.7
July	712.2	705.9	659.8	847.6	671.6	809.9	461.7
August	720.6	712.3	668.8	855.9	686.2	831.8	461.7
September	725.4	717.8	670.1	857.2	688.8	834.5	468.3
October	736.0	726.1	679.0	866.3	700.0	848.3	468.3
November	832.3	825.8	684.8	862.5	703.9	878.5	593.0
December	835.0	829.0	686.2	865.2	703.9	878.5	593.0

## 15.11.2—Index Number of Agricultural Wages—1981

(Base: 1952-53=100)

Period	Skilled Labour		Paddy Field Labour		Other Agricultural Labour		Herdsmen
	Carpenter	Mason	Men	Women	Men	Women	Children
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
January	847.0	840.0	696.0	874.7	711.3	899.2	593.0
February	854.5	848.7	704.8	885.7	716.6	915.4	593.0
March	862.2	856.4	710.2	891.8	722.0	920.0	615.8
April	884.0	875.9	722.8	899.0	755.9	950.6	618.8
May	899.7	890.8	754.6	932.5	777.9	974.5	623.0
June	905.3	897.1	757.7	945.3	782.3	999.1	623.0
July	905.3	897.1	775.8	951.1	790.1	1005.1	623.0
August	908.4	900.4	779.5	960.0	798.3	1033.0	623.0
September	911.0	903.0	787.3	968.8	798.3	1039.0	623.0
October	913.6	910.8	787.3	968.8	799.9	1049.1	623.0
November	914.7	912.0	788.7	974.1	805.2	1059.8	647.5
December	919.6	921.5	796.3	987.7	815.1	1085.9	647.5

## 15.11.3—Index Number of Agricultural Wages—1982

(Base: 1952-53=100)

Period	Skilled Labour		Paddy Field Labour		Other Agricultural Labour		Herdsmen
	Carpenter	Mason	Men	Women	Men	Women	Children
January	929.4	931.9	800.5	990.4	816.9	1094.5	647.5
February	930.6	931.9	803.2	996.5	816.9	1094.5	647.5
March	933.3	934.6	803.2	996.5	818.8	1099.5	647.5
April	934.6	935.9	806.5	1008.6	820.7	1105.8	647.5
May	938.6	937.0	811.1	1014.0	821.6	1110.5	647.5
June	938.6	937.0	817.2	1022.9	823.2	1115.8	647.5
July	939.5	938.4	824.5	1030.6	834.9	1130.3	647.5

15.12.1—Average annual market prices of building materials-Bricks 1st class (1,000 Nos.)  
(Prices in Rs.)

Centre	1970	1975	1979	1980	1981	1982
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	68.00	137.53	163.75	200.00	195.00	223.75
Quilon	68.00	141.50	192.50	202.50	220.00	257.50
Alleppey	79.60	132.50	206.25	205.00	200.00	245.00
Kottayam	81.00	205.00	220.00	223.75	230.00	266.25
Idukki	..	127.50	201.25	201.25	238.33	317.00
Ernakulam	81.00	121.67	181.25	181.25	186.25	247.50
Trichur	81.33	121.25	247.50	285.10	375.00	393.75
Palghat	84.00	126.25	160.00	195.00	212.50	297.00
Malappuram	..	400.00	634.00	775.00	247.50	250.00
Kozhikode	222.50	518.00	692.50	827.50	1050.00	1125.00
Cannanore	219.60	500.00	737.50	807.50	900.00	950.00
Wynad	..	..	..	..	..	258.33

C.W.—Common Wealth Variety.

Source: Directorate of Economics and Statistics.

15.12.2—Average annual market prices of building materials-River sand-Medium variety

(cub. metre)

Centre	1970	1975	1979	1980	1981	1982
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	8.00	20.00	26.45	26.45	29.11	31.00
Quilon	8.00	16.50	27.37	36.25	39.00	44.00
Alleppey	10.25	26.18	42.79	42.35	42.35	42.35
Kottayam	11.00	22.33	32.75	40.25	39.38	38.75
Idukki	..	19.95	21.75	23.75	Nil	25.00
Ernakulam	10.00	13.10	24.25	31.00	35.25	36.00
Trichur	..	14.63	29.75	47.38	53.63	54.00
Palghat	9.00	12.75	11.50	17.75	23.75	26.00
Malappuram	..	11.88	16.00	23.25	35.50	36.00
Kozhikode	..	19.06	40.00	50.00	52.50	55.00
Cannanore	11.50	19.13	30.00	30.00	30.00	30.00
Wynad	..	..	..	..	..	..

Source: Directorate of Economics and Statistics.

15.12.3—Average annual market prices of building materials-Stone ballast-20 m.m. diametre

(Cub. metre)

Centre	1970	1975	1979	1980	1981	1982
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	..	44.00	64.90	67.05	69.26	70.00
Quilon	33.50	40.00	65.00	78.75	91.25	110.00
Alleppey	45.50	68.05	105.87	114.70	143.37	149.98
Kottayam	42.00	56.50	75.87	89.25	112.00	119.00
Idukki	..	38.00	37.25	40.25	79.13	103.00
Ernakulam	..	47.63	..	..	70.50	74.25
Trichur	33.44	48.50	72.90	87.45	91.03	122.50
Palghat	32.00	39.33	43.50	53.75	75.00	100.00
Malappuram	..	41.33	68.75	75.38	80.00	80.00
Kozhikode	..	55.00	86.25	100.00	102.50	120.00
Cannanore	53.00	75.00	102.50	115.00	118.75	126.67

Source: Directorate of Economics and Statistics.

## 15.12.4—Average annual market prices of building materials—Lime unslaked

(Cub. metre)

Centres	1970	1975	1979	1980	1981	1982
Trivandrum	70.00	163.02	192.00	208.00	208.00	212.00
Quilon	..	120.00	140.00	145.00	145.00	145.00
Alleppey	80.00	128.17	230.71	269.09	335.25	352.90
Kottayam	80.00	160.69	297.00	319.13	341.25	406.00
Idukky	..	140.50	174.50	179.00	188.04	178.93
Ernakulam	..	129.25	135.00	135.00	136.25	145.00
Trichur	114.00	135.50	293.50	347.50	339.63	347.00
Palghat	126.25	157.50	300.00	332.50	362.50	784.00
Malappuram	..	165.00	176.50	181.75	185.00	185.00
Kozhikode	135.00	168.00	299.19	340.65	353.00	405.95
Cannanore	140.00	200.25	244.75	466.50	544.00	544.00
Wynad	..	..	..	..	..	350.00

Source: Directorate of Economics and Statistics.

## 15.12.5—Average annual market prices of building materials—Jack

(Cub. metre)

Centres	1970	1975	1979	1980	1981	1982
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	654.00	1271.00	2108.75	3017.30	3176.10	3176.10
Quilon	745.00	1588.00	3176.10	3264.33	3617.23	4675.93
Alleppey	700.00	1085.00	2711.80	2999.65	2999.65	3396.66
Kottayam	700.00	1073.00	1645.00	2100.00	2012.50	2725.00
Idukky	..	840.00	..	..	..	2733.33
Ernakulam	725.00	910.00	2488.45	3238.48	3655.93	3824.48
Trichur	616.00	866.00	2725.00	3150.00	3225.00	5642.50
Palghat	600.00	1046.00	1175.00	1775.00	2360.00	3650.64
Malappuram	..	1083.00	1937.50	2745.00	3337.50	3600.00
Kozhikode	708.00	1025.00	2559.67	3133.36	3919.39	4069.48
Cannanore	..	1129.00	2596.00	2860.25	2835.00	3629.25
Wynad	..	..	..	..	..	3176.10

Source: Directorate of Economics and Statistics.

## 15.12.6—Average annual market prices of building materials—Cement (Shankar Brand)

(Metric Tonne)

Centre	1970	1975	1979	1980	1981	1982
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	227.00	397.75	564.25	589.10	691.30	1097.00
Quilon	225.00	405.96	555.50	603.87	698.15	1150.45
Alleppey	226.00	400.20	667.91	672.10	722.79	1351.20
Kottayam	229.00	390.70	571.75	661.75	692.81	1433.25
Idukky	..	400.80	586.12	652.08	756.70	1376.00
Ernakulam	224.00	389.84	514.26	561.73	535.40	1320.00
Trichur	227.00	397.82	572.75	611.35	690.15	1335.20
Palghat	226.00	397.02	531.91	583.56	690.30	1353.33
Malappuram	..	399.34	576.00	631.50	667.50	1300.00
Kozhikode	227.00	403.93	540.80	606.73	689.35	1166.80
Cannanore	226.00	390.37	509.55	N.R.	N.R.	1351.25
Wynad	..	..	..	..	..	1360.00

N.R.—Not reported.

Source: Directorate of Economics and Statistics.

## 15.12.7—Average annual market prices of building materials—M.S. Round bars—10mm. (Diameter)

(M.T.)

Centre	1970	1975	1979	1980	1981	1982
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	1683.00	2105.00	4125.00	4700.00	5425.00	5250.00
Quilon	1540.00	2130.00	3812.50	4545.00	5212.50	5062.00
Alleppey	1600.00	2087.50	3912.50	4875.00	5700.00	5500.00
Kottayam	1590.00	2112.50	3930.00	4762.50	5287.50	5162.00
Idukky	..	2450.00	4387.50	4975.00	5200.00	5287.00
Ernakulam	1585.00	2011.25	3825.00	4500.00	5075.75	5062.00
Trichur	1630.00	2025.00	3812.50	4637.50	5183.25	5050.00
Palghat	1320.00	2083.33	3825.00	4437.50	5087.50	5127.00
Malappuram	..	N.A.	3812.50	4825.00	5525.00	5316.00
Kozhikode	1302.00	2113.50	3775.00	4625.00	5100.00	5025.00
Cannanore	1538.00	2050.00	3779.00	4621.00	5330.00	5096.00
Wynad	..	..	..	..	..	5500.00

Source: Directorate of Economics and Statistics.

## 15.12.8—Average annual market prices of building materials—Roofing Tiles

('000 Nos.)

Centre	1970	1975	1979	1980	1981	1982
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	..	488.25	752.43	891.45	969.94	998.00
Quilon	..	481.25	760.75	858.51	886.00	994.34
Alleppey	220.00	470.00	798.75	835.00	925.00	1000.00
Kottayam	225.00	456.25	818.75	931.25	1020.63	1100.00
Idukky	..	500.00	909.25	1156.25	1243.75	1300.00
Ernakulam	300.00	465.00	675.00	1000.00	1050.00	1125.00
Trichur	263.00	315.00	750.00	787.50	825.00	862.00
Palghat	289.00	559.08	895.60	1068.75	1363.41	1530.63
Malappuram	..	600.33	938.81	1231.25	1580.00	1580.00
Kozhikode	240.00	630.00	1015.00	1260.00	1490.00	1540.00
Cannanore	280.00	581.67	1033.75	1287.50	1400.00	1375.00
Wynad	..	..	..	..	..	1526.67

Source: Directorate of Economics and Statistics.

## 15.12.9—Average annual market prices of building materials—special paint for steel and wood works

(Litre)

Centre	1970	1975	1979	1980	1981	1982
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	18.70	28.51	32.50	36.43	41.75	42.50
Quilon	17.50	28.75	37.25	41.25	45.00	47.00
Alleppey	..	29.28	38.75	42.00	42.50	44.00
Kottayam	16.00	29.55	36.37	39.75	41.50	42.00
Idukky	..	29.43	38.00	39.75	40.00	40.00
Ernakulam	17.28	30.48	35.37	39.68	45.18	47.00
Trichur	16.38	30.50	35.50	39.88	42.31	46.00
Palghat	16.50	27.85	38.07	36.25	44.75	48.00
Malappuram	..	30.33	29.75	36.63	48.38	50.00
Kozhikode	18.70	31.93	39.77	46.88	49.89	53.50
Cannanore	18.72	28.50	33.25	36.00	37.20	39.40
Wynad	..	..	..	..	..	26.00

Source: Directorate of Economics and Statistics.

## 15.12.10—Average annual market prices of building materials—S.W. pipe—150 mm. diameter

(Rs./each)

Centres	1970	1975	1979	1980	1981	1982
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	4.00	9.63	11.40	13.00	19.58	20.00
Quilon	3.94	9.25	11.37	13.25	15.63	19.20
Alleppey	4.50	9.81	11.00	12.88	16.00	16.50
Kottayam	4.50	9.00	9.47	N.R.	16.50	16.50
Idukki	..	..	10.45	13.09	14.42	16.00
Ernakulam	3.87	9.70	9.50	11.50	14.50	18.00
Trichur	4.00	9.00	12.62	15.83	18.70	23.25
Palghat	4.06	8.17	11.19	16.00	20.00	19.00
Malappuram	..	8.75	10.37	12.56	N.R.	17.50
Kozhikode	5.00	9.08	10.16	16.00	N.R.	17.40
Cannanore	5.00	N.R.	13.33	N.R.	17.13	18.45
Wynad	..	..	..	..	..	22.00

Source: Directorate of Economics and Statistics.

## 15.12.11—Average annual market prices of building materials—A.C. Pipe—150 mm. diameter

(Each)

Centres	1970	1975	1979	1980	1981	1982
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	32.06	51.47	77.01	86.33	123.03	158.75
Quilon	31.93	48.15	75.22	85.02	125.05	180.93
Alleppey	35.97	44.50	76.14	85.01	89.73	149.02
Kottayam	35.98	45.88	55.70	N.R.	135.42	163.42
Idukki	..	49.00	50.00	53.25	54.00	91.65
Ernakulam	34.14	47.98	69.90	76.95	120.00	144.40
Trichur	31.54	43.23	61.76	71.74	106.61	151.30
Palghat	30.60	44.02	61.50	75.00	100.00	137.65
Malappuram	..	42.51	66.25	76.25	64.25	85.00
Kozhikode	32.32	52.60	79.50	93.40	128.55	161.25
Cannanore	..	53.67	67.50	89.18	105.50	132.15
Wynad	..	..	..	..	..	82.80

Source: Directorate of Economics and Statistics.

## 15.13.1—Price of Fluid Milk

(In Rs./Litre)

Name of Centre	Cow milk		Buffaloe milk	
	Average price during 1981	Average price during 1980	Average price during 1981	Average price during 1980
	(1)	(2)	(3)	(4)
Cannanore	2.65	2.60	3.55	3.50
Calicut	2.80	2.70	3.20	3.00
Malappuram	3.00	..	3.50	..
Palghat	2.55	2.30	2.65	2.25
Trichur	3.00	2.60	3.35	2.95
Ernakulam	3.00	2.70	3.65	3.60
Kottayam	2.85	2.80	3.90	3.00
Alleppey	2.85	2.80	3.80	3.70
Quilon	3.00	2.85	3.65	3.60
Trivandrum	2.80	2.60	3.75	3.00

Source: Bulletin of Animal Husbandry Statistics (1981).

## 15.13.2—Average Price of Eggs

(In Rs./100 Nos.)

Name of centre	Hen eggs		Duck eggs	
	Average price during 1981	Average price during 1980	Average price during 1981	Average price during 1980
(1)	(2)	(3)	(4)	(5)
Cannanore	49.70	47.10	65.00	55.00
Calicut	47.85	43.85	63.15	57.00
Tirur	50.00	46.00	63.10	57.75
Palghat	46.50	42.65	60.00	52.50
Trichur	49.80	46.00	64.65	59.60
Ernakulam	44.25	42.50	61.60	55.15
Kottayam	45.40	43.75	62.35	55.00
Alleppey	45.25	42.35	69.50	55.75
Quilon	45.60	43.75	63.60	58.40
Trivandrum	50.40	43.50	73.15	60.65

Source: Bulletin of Animal Husbandry Statistics (1981).

## 15.13.3—Price of Meat

(In Rs./Kg.)

Name of centre	Cattle meat		Goat meat	
	Monthly average price during 1981	Monthly average price during 1980	Monthly average price during 1981	Monthly average price during 1980
(1)	(2)	(3)	(4)	(5)
Cannanore	9.00	8.25	21.00	18.50
Calicut	7.25	6.65	20.67	18.85
Tirur	8.00	6.90	20.00	19.50
Palghat	7.00	6.50	17.00	16.35
Trichur	7.50	9.00	20.00	20.00
Ernakulam	7.20	6.50	18.00	17.60
Kottayam	7.90	7.60	18.50	17.35
Alleppey	8.00	7.75	18.30	18.15
Quilon	8.15	7.80	20.30	19.85
Trivandrum	9.00	8.65	20.00	18.60

Source: Bulletin of Animal Husbandry Statistics (1981).

## 15.13.4—Price of Cattle feed

(Price per kg. in rupees)

Centre	Coconut cake		Groundnut cake		Gingili cake		Cotton seed	
	Average price during 1981	Average price during 1980	Average price during 1981	Average price during 1980	Average price during 1981	Average price during 1980	Average price during 1981	Average price during 1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Cannanore	2.46	2.26	2.37	2.00	2.66	2.38	3.22	2.40
Calicut	2.75	2.29	2.43	1.75	2.77	2.65	3.00	2.49
Tirur	3.00	2.67	2.44	1.85	3.16	2.78	3.14	2.45
Malappuram	2.89	..	2.36	..	2.80	..	2.89	..
Palghat	2.89	2.46	2.47	2.33	2.78	2.49	2.79	2.43
Trichur	2.61	2.59	2.22	1.83	2.84	2.80	2.67	2.35
Ernakulam	2.70	2.57	2.50	1.86	2.83	2.40	2.95	2.45
Kottayam	2.44	1.95	2.46	2.03	2.50	2.20	2.59	2.13
Alleppey	2.58	2.49	2.47	1.91	2.82	2.42	2.98	2.44
Quilon	2.74	2.65	2.54	2.03	2.93	2.50	2.84	2.37
Trivandrum	2.77	2.69	2.59	2.39	2.90	2.65	2.88	2.40

Source: Bulletin of Animal Husbandry Statistics (1981).

XVI. EDUCATION

1911. 11. 11.



**XVI. EDUCATION**  
**16.1—District-wise Literacy—Kerala 1981**

District	Number of Literates (1981)			General Literacy Rate (1981) (%)			General Literacy Rate (1971) (%)		
	Persons	Male	Female	Persons	Male	Female	Persons	Male	Female
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	1830233	963063	867170	70.50	75.29	65.85	62.54	68.64	56.48
Quilon	2085085	1084558	1000527	74.11	78.10	70.21	64.97	70.10	59.84
Alleppey	1845435	941412	904023	78.52	82.12	75.10	70.44	75.22	65.79
Kottayam	1386065	712393	673672	81.66	83.96	79.35	72.88	76.18	69.55
Idukki	655268	357128	298140	67.44	72.15	62.55	56.42	62.21	50.25
Ernakulam	1947615	1024833	922782	76.82	80.75	72.88	65.37	70.52	60.16
Trichur	1795178	898045	897133	73.59	77.31	70.21	61.61	66.35	57.23
Palghat	1185731	644362	541369	58.00	64.81	51.55	46.69	54.58	39.22
Malappuram	1453607	771859	681748	60.50	65.93	55.34	47.90	55.32	40.78
Kozhikode	1574461	850875	723536	70.12	76.56	63.82	58.77	67.65	49.94
Wynad	323190	184221	138969	58.33	64.81	51.51	47.33	54.95	39.07
Cannanore	1842864	995343	847521	65.74	72.20	59.48	55.27	63.67	47.06
State	17924732	9428092	8496640	70.42	75.26	65.73	60.42	66.62	54.31

Source: 1981 Census Report.

**16.2—Number of Schools for General Education in Kerala**

Year	L. P. Schools			U. P. Schools			High Schools		
	Government	Private	Total	Government	Private	Total	Government	Private	Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1970—71	2804	4091	6895	809	1734	2543	442	942	1384
1975—76	2910	4065*	6975	880	1726*	2606	566	955*	1521
1979—80	2846	4124	6970	893	1846	2739	597	1083	1680
1980—81	2712	4149	6861	867	1886	2753	789	1187	1976
1981—82	2660	4151	6811	883	1896	2779	888	1187	2075

\* Inclusive of Private unaided schools.

Source: Directorate of Public Instruction.

**16.2.1—Number of Schools for General Education—Kerala 1980-81 (District-wise)**

District	L. P. Schools				U. P. Schools				High Schools				Grand Total
	Government	Private aided	Private un-aided	Total	Government	Private aided	Private unaided	Total	Government	Private aided	Private unaided	Total	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Trivandrum	327	185	7	519	97	102	3	202	94	85	9	188	909
Quilon	393	291	6	690	78	203	1	282	89	144	5	238	1210
Alleppey	280	344	10	634	89	122	1	212	60	158	1	219	1065
Kottayam	190	287	8	485	59	136	1	196	52	143	6	201	882
Idukki	85	123	3	211	37	58	..	95	37	48	5	90	396
Ernakulam	206	279	6	491	82	108	4	194	74	141	19	234	919
Trichur	136	412	1	549	48	175	3	226	67	124	7	198	973
Palghat	198	354	2	554	56	159	2	217	49	59	4	112	883
Malappuram	354	478	..	832	97	208	..	305	72	57	3	132	1269
Kozhikode	199	553	..	752	73	231	4	308	54	70	5	129	1189
Wynad	65	50	6	121	28	37	..	65	28	11	..	39	225
Cannanore	279	744	..	1023	123	327	1	451	113	82	1	196	1670
State	2712	4100	49	6861	367	1866	20	2753	789	1122	65	1976	11590

Source: Directorate of Public Instruction.

## 16.2.2—Number of Schools for General Education 1981-82\* (District-wise)

District	L. P. Schools				U. P. Schools				High Schools				Grand Total
	Government	Private aided	Private un aided	Total	Government	Private aided	Private un aided	Total	Government	Private aided	Private un aided	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	316	185	7	508	94	102	3	199	109	86	9	204	911
Quilon	381	291	6	678	76	202	1	279	101	144	5	250	1207
Alleppey	274	344	10	628	88	122	1	211	67	158	1	226	1065
Kottayam	180	286	8	474	64	146	1	211	57	143	6	206	891
Idukki	78	123	3	204	37	56	..	93	51	48	5	104	401
Ernakulam	206	279	6	491	83	109	5	197	77	141	19	237	925
Trichur	127	413	1	541	53	174	3	230	72	124	7	203	974
Palghat	199	354	2	555	54	159	2	215	54	59	4	117	887
Malappuam	343	481	..	824	103	209	..	312	76	56	3	135	1271
Kozhikode	194	552	..	746	68	231	3	302	62	70	5	137	1185
Wynad	69	50	6	125	28	37	..	65	30	11	..	41	231
Cannanore	293	744	..	1037	135	329	1	465	132	82	1	215	1717
State	2660	4102	49	6811	883	1876	20	2779	888	1122	65	2075	11665

\* Provisional

Source: Directorate of Public Instruction.

## 16.3—Scholars in Schools in Kerala

Year	L. P. Section	U. P. Section	High School Section	Total
(1)	(2)	(3)	(4)	(5)
1970—71	2808545	1266263	724724	4799532
1975—76	2670817	1706744	907896	5285457
1980—81*	2594803	1694386	1313764	5602953
1981—82*	2586088	1747214	1317496	5650798
1982—83*	2549063	1781554	1315067	5645684

\*Provisional

Source: Directorate of Public Instruction.

## 16.3.1—Number of Scholars in Schools for General Education 1980-81\* (District-wise and Section-wise)

District	Lower Primary Section	Upper Primary Section	High School Section	Grand Total
(1)	(2)	(3)	(4)	(5)
Trivandrum	242468	160113	131291	533872
Quilon	264359	198102	175271	637732
Alleppey	214712	162957	153143	530812
Kottayam	165220	125200	112838	403258
Idukki	89906	57002	41006	187914
Ernakulam	237594	179786	149962	567342
Trichur	258067	181687	143125	582879
Palghat	212185	113223	77203	402611
Malappuram	288711	151085	81730	521526
Kozhikode	305759	187276	127634	620669
Cannanore	315822	177955	120561	614338
State	2594803	1694386	1313764	5602952

\*Provisional

Source: Directorate of Public Instruction.

**16.3.2—No. of Scholars in schools for General Education 1981-82\***  
(District-wise and Section-wise)

District	L. P. Section	U. P. Section	H. S. Section	Grand Total
(1)	(2)	(3)	(4)	(5)
Trivandrum	239291	165263	132754	537308
Quilon	260888	194881	167758	623527
Alleppey	211432	163367	152972	527771
Kottayam	158991	126049	109897	394937
Idukki	87285	59810	42072	189167
Ernakulam	231381	182125	149620	563126
Trichur	250737	185110	142402	578249
Palghat	215214	120293	77961	413468
Malappuram	298523	166498	86368	551389
Kozhikode	307825	194606	129163	631594
Cannanore	324521	189212	126529	640262
State	2586088	1747214	1317496	5650798

\*Provisional.

Source : Director of Public Instruction.

**16.3.3—No. of Scholars in schools for General Education 1982-83\***  
(District-wise and Section-wise)

District	Lower Primary Section	Upper Primary Section	High School Section	Grand Total
(1)	(2)	(3)	(4)	(5)
Trivandrum	234342	172013	132574	538929
Quilon	255602	201381	168039	625022
Alleppey	205102	162138	149175	516415
Kottayam	150319	122716	109290	382325
Idukki	86571	60518	44272	191361
Ernakulam	224375	181418	147652	553445
Trichur	243160	185851	139777	568788
Palghat	213148	123512	78765	415425
Malappuram	307258	174767	39915	571940
Kozhikode	244441	163407	110676	518524
Wynad	62591	35157	20377	118125
Cannanore	322154	198676	124555	645385
State	2549063	1781554	1315067	5645684

\*Provisional.

Source : Director of Public Instruction.

**16.4—Standard-wise strength of Scholars in Kerala (School Education)**

Year	I	II	III	IV	V	VI	VII	VIII	IX	X	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1970-71	800470	715429	668931	623723	552163	414988	338712	308697	259480	156547	4799539
1975-76	654149	670164	650727	695777	705896	528198	472650	406948	321036	179914	5285457
1979-80	654737	674163	670633	648336	580585	545737	542081	503545	457838	303604	5581279
1980-81*	631479	662039	645954	655331	603129	552573	538684	495738	468461	349565	5602953
1981-82*	645879	652556	644470	643183	620825	574708	551681	492817	458145	366534	5650798
1982-83*	625999	656832	630333	635899	613208	596645	571701	499442	456004	359621	5645684

\*Provisional.

Source : Director of Public Instruction.

## 16.4.1—Standard-wise strength of scholars (School Education) District-wise 1980-81

District	I	II	III	IV	V	VI	VII	VIII	IX	X	Grand Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Trivandrum	58184	61437	61543	61304	56785	52865	50483	48321	46814	36156	533871
Quilon	61454	65928	67632	69345	67222	64841	66039	63881	63563	47827	637732
Alleppey	50312	53717	51735	55948	53191	53454	56312	55300	55506	42337	530812
Kottayam	38818	40896	42331	43175	42076	41042	42082	41347	40627	30864	403258
Idukki	21291	23179	22208	23228	19943	18984	18075	16142	14683	10181	187914
Ernakulam	55501	58901	60418	62774	61304	58568	59914	56619	53223	40120	567342
Trichur	63023	64389	64005	66650	63876	59263	58548	54362	50514	38249	582879
Palghat	55692	55327	50744	50422	42950	36973	33300	29885	27148	20170	402611
Malappuram	72657	74623	70193	71238	59340	48876	42869	33458	28878	19394	521126
Kozhikode	76251	80258	74514	74736	69161	61078	57037	50256	44528	32850	621069
Cannanore	78296	83384	77631	76511	67301	56629	54025	46167	42977	31417	614338
State	631479	662039	645954	655331	603129	552573	538684	495738	468461	349565	5602953

Source: Director of Public Instruction.

## 16.4.2—Standard-wise strength of Scholars (School Education) District-wise 1981-82

District	I	II	III	IV	V	VI	VII	VIII	IX	X	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Trivandrum	58815	61132	89117	60227	58414	55048	51801	48692	46690	37372	537308
Quilon	61424	66067	65676	67721	67056	64124	63701	60494	58958	48306	623527
Alleppey	49137	54254	53549	54492	54808	52915	55644	54881	53616	44475	527771
Kottayam	38393	39332	39532	41734	42366	40897	42786	39985	38305	31607	394937
Idukki	20436	22359	22992	21448	21376	19475	18959	16095	14828	11149	189117
Ernakulam	56248	57178	56976	60981	62288	59329	60508	55892	52380	41348	563126
Trichur	62691	61706	61718	64622	64003	61298	59809	53344	49626	39432	578299
Palghat	58952	54726	52373	49163	45552	39566	35175	29647	26729	21585	413468
Malappuram	78984	74997	73548	70994	64133	55616	46749	35581	29064	21723	551389
Kozhikode	77929	78443	77104	74349	69872	64248	60486	49617	44523	35023	631594
Cannanore	82870	82362	81887	77402	70957	62192	56063	48589	43426	34514	640268
State	645829	652556	644470	643183	620825	574708	551681	492817	458145	366534	5650792

Source: Director of Public Instruction.

## 16.3.4—Standard-wise strength of Scholars (School Education) District-wise 1982-83\*

District	I	II	III	IV	V	VI	VII	VIII	IX	X	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Trivandrum	56192	61031	58690	58429	58517	59051	54445	49446	46325	36803	538929
Quilon	60602	65137	64391	65472	67338	67323	66720	60868	59066	48105	625022
Alleppey	46895	53021	52271	52915	54188	53507	54443	54153	51977	43045	516415
Kottayam	36280	37322	38207	38510	40350	40303	41863	40231	38288	30771	382325
Idukki	19976	21670	27280	22645	20942	20335	19241	17157	15347	11768	191361
Ernakulam	54058	56832	55918	57567	59515	60745	61158	55672	51448	40532	553445
Trichur	59623	62366	59500	61671	61865	61887	62099	53636	48392	37749	568788
Palghat	54318	56112	52122	50596	44809	41745	36958	31010	26665	21090	415425
Malappuram	80377	80677	73312	72892	64035	59097	51635	37511	30605	21799	571940
Kozhikode	60328	62884	59955	61274	56940	54746	51721	42851	38163	29662	518524
Wynad	16130	16555	14967	14939	13240	11613	10304	8312	6836	5229	118125
Cannanore	81220	83225	78720	78989	71469	66093	61114	48595	42892	33068	645385
State	625999	656832	630333	635899	613208	596645	571701	499442	456004	559621	5645684

\*Provisional.

Source: Director of Public Instruction.

★  
16.5—Number of Teachers in Schools (section-wise) in Kerala

Year	L.P. Section			U.P. Section			High School Section			Grand Total						
	Government	Private un-aided	Total	Government	Private un-aided	Total	Government	Private un-aided	Total	Government	Private un-aided	Total				
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1970-71	27542	40208	336	68086	14828	29376	236	44440	9711	17400	360	27471	52081	36984	932	139997
1975-76	31501	43876	505	75882	17950	33340	367	51657	12217	22049	580	34846	61663	99265	1452	162385
1978-79	32074	42221	620	74915	20046	37033	505	57584	15123	25440	718	41281	67243	104694	1843	173780
1979-80	31660	41747	590	73997	19772	36603	473	56348	16782	27348	750	44880	68214	105698	1813	175725
1980-81*	29385	41540	615	71540	19589	37161	543	57293	17660	28124	817	46601	66634	106825	1975	175434
1981-82*	29447	41443	630	71520	20361	37644	560	58565	18487	29014	868	48369	68295	108101	2058	178454

\*Provisional.

Source: D. P. I.

16.5.1—Number of Teachers in Schools for General Education—District-wise and Section-wise 1979-80

District	L.P. Section			U.P. Section			High School Section			Training Section			Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Trivandrum		6203	5399		4776		37						16420
Quilon		7466	7186		6089		58						20799
Alleppey		5846	5703		5418		80						17047
Kottayam		4906	4273		3923		51						13156
Idukki		2372	1794		1400		4						5570
Ernakulam		6691	5664		5011		49						17475
Trichur		7814	5938		5081		45						18878
Palghat		5659	4012		2481		37						12199
Malappuram		8283	4829		2441		23						15576
Kozhikode		8560	5676		3753		33						17964
Cannanore		10192	6374		4041		34						20641
State		73997	56848		44429		451						175725

Source: D.P.I.

**16.5.2—Number of Teachers in Schools for General Education—District-wise and Section-wise 1980-81\***

District	L. P. Section	U. P. Section	High School Section	Training Section	Total
(1)	(2)	(3)	(4)	(5)	(6)
Trivandrum	6220	5428	4858	37	16543
Quilon	7023	7235	6359	63	20680
Alleppey	5680	5798	5611	80	17190
Kottayam	4437	4123	3946	55	12561
Idukki	2399	1825	1450	4	5678
Ernakulam	6604	5574	5299	55	17532
Trichur	7771	5939	5082	44	18836
Palghat	5839	3629	2563	37	12068
Malappuram	8090	5066	2873	23	16052
Kozhikode	7406	5100	3538	39	16083
Wynad	1293	954	537	5	2783
Cannanore	8778	6622	3390	32	19422
State	71540	57293	46127	474	175434

\*Provisional.

Source: D. P. I.

**16.5.3—Number of Teachers in Schools for General Education—District-wise and Section-wise 1981-82\***

District	L. P. Section	U. P. Section	High School Section	Training Section	Total
(1)	(2)	(3)	(4)	(5)	(6)
Trivandrum	6503	5692	5078	37	17310
Quilon	7329	7073	6365	59	20826
Alleppey	5632	5489	5651	80	16852
Kottayam	4291	4162	4031	52	12536
Idukki	2278	1874	1595	4	5751
Ernakulam	6489	5693	5477	53	17712
Trichur	7654	5883	5180	42	18759
Palghat	5953	4101	2829	34	12917
Malappuram	8374	5197	3127	22	16720
Kozhikode	7499	5514	3773	34	16820
Wynad	1227	951	633	4	2815
Cannanore	8291	6936	4176	33	19436
State	71520	58565	47915	454	178454

\*Provisional.

Source: D. P. I.

**16.6—Number Enrolment and out-turn of Teachers Training Schools in Kerala**

Year	Number	Enrolment	Out-turn
(1)	(2)	(3)	(4)
1970-71	105	4206	6626
1975-76	105	No Selection	N.A.
1978-79	92	4581	N.A.
1979-80	93	5616	N.A.
1980-81*	93	6936	N.A.

\*Provisional.

Source: D. P. I.

## 16.7—Schools for handicapped in Kerala

Year	Number	Enrolment	Teachers
(1)	(2)	(3)	(4)
1970-71	7	588	88
1975-76	11	N.A.	N.A.
1978-79	12	1166	171
1979-80	12	1265	183
1980-81*	12	1274	192

\*Provisional

Source: D. P. I.

## 16.8—Number of Colleges in Kerala by type of Management

Year	Government	Private	Total
1960-61	24	58	82
1970-71	27	134	161
1976-77	33	138	171
1977-78	51	134	185
1978-79	51	134	185
1979-80	51	134	185
1980-81	54	135	189
1981-82*	63	154	217
1982-83*	65	163	228

\*Provisional

Source: Directorate of Collegiate Education.

## 16.8.1—Faculty-wise and Management-wise Distribution of Colleges in Kerala

(Figures in numbers)

	1979-80			1980-81			1981-82			1982-83		
	Govern-ment	Pri-vate	Total	Govern-ment	Pri-vate	Total	Govern-ment	Pri-vate	Total	Govern-ment	Pri-vate	Total
Arts and Science Colleges	27	103	130	30	104	134	38	123	161	40	132	172
Training College	4	15	19	4	15	19	4	15	19	4	15	19
Music College	3	..	3	3	..	3	3	..	3	3	..	3
Arabic College	..	7	7	..	7	7	..	7	7	..	7	7
Medical College	4	..	4	4	..	4	5	..	5	5	..	5
Engineering College	3*	3	6	3*	3	6	3*	3	6	3*	3	6
Law College	3	1	4	3	1	4	3	1	4	3	1	4
Agricultural College	1	..	1	1	..	1	1	..	1	1	..	1
Veterinary College	1	..	1	1	..	1	1	..	1	1	..	1
Horticulture College	1	..	1	1	..	1	1	..	1	1	..	1
Ayurveda College	2	2	4	2	2	4	2	2	4	2	2	4
Homeopathy College	1	3	4	1	3	4	1	3	4	1	3	4
College of Fine Arts	1	..	1	1	..	1	1	..	1	1	..	1
<b>Total</b>	<b>51</b>	<b>134</b>	<b>185</b>	<b>54</b>	<b>135</b>	<b>189</b>	<b>63</b>	<b>154</b>	<b>217</b>	<b>65</b>	<b>163</b>	<b>228</b>

\*Includes one Regional Engineering College, Kozhikode.

16.8.2—District-wise distribution of Colleges in Kerala for the year 1978-79

District	Arts & Science		Training		Music		Arabic		Medicine		Engineering		Law								
	Government	Private	Total	Government	Private	Total	Government	Private	Total	Government	Private	Total	Government	Private							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
Trivandrum	6	11	17	1	2	3	1	..	1	1	1	1	1	..	1	1	1	1	1	1	2
Quilon	..	13	13	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alleppey	..	14	14	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kottayam	1	16	17	..	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Idukki	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ernakulam	3	14	17	..	2	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Trichur	3	12	15	1	..	1	..	..	..	..	..	..	..	..	..	1	1	1	1	..	1
Palghat	3	5	8	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..
Malappuram	2	4	6	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..
Kozhikode	5	7	12	1	1	2	..	..	..	..	..	..	..	..	..	1*	..	..	..	..	1
Cannanore	3	6	9	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
State	27	103	130	4	15	19	3	..	3	..	7	7	4	..	4	3	3	6	3	1	4

\*Regional Engineering College.

16.8.2—(Contd.)

District	Agriculture		Veterinary		Horticulture		Ayurveda		Homeopathy		College of Fine Arts		Grand Total								
	Government	Private	Total	Government	Private	Total	Government	Private	Total	Government	Private	Total	Government	Private							
(1)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)
Trivandrum	1	..	1	..	..	..	..	..	..	..	..	1	..	1	1	1	..	1	14	15	29
Quilon	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	16
Alleppey	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	18
Kottayam	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	..	2	21	23
Idukki	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	3
Ernakulam	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	..	6	17	23
Trichur	..	..	..	1	..	1	..	..	1	..	1	1	..	..	..	..	..	..	7	13	20
Palghat	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	7	11
Malappuram	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	9	11
Kozhikode	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	10	11	21
Cannanore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	6	10
State	1	..	1	1	..	1	1	..	1	2	2	4	1	..	3	4	..	1	51	134	185



## 16.8.3—District-wise distribution of Colleges in Kerala for the year 1979-80 (Nos.)

District	Arts & Science		Training		Music		Arabic		Medicine		Engineering		Law								
	Government	Private	Total	Government	Private	Total	Government	Private	Total	Government	Private	Total	Government	Private							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
Trivandrum	6	11	17	1	2	3	1	..	1	..	..	1	1	..	1	1	1	1	1	1	2
Quilon	..	13	13	..	2	2	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..
Alleppey	..	14	14	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kottayam	1	16	17	..	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Idukki	1	1	2	..	2	2	1	..	..	..	..	..	..	..	..	..	1	1	..	..	1
Ernakulam	3	14	17	..	1	1	..	..	..	..	..	..	..	..	..	1	1	1	1	..	..
Trichur	3	12	15	1	..	1	1	..	..	..	..	..	..	..	..	..	1	1	..	..	..
Palghat	3	5	8	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..
Malappuram	2	4	6	..	..	..	..	4	4	..	..	..	..	..	..	..	..	..	..	..	..
Kozhikode	5	7	12	1	1	2	..	3	3	1	3	3	1	..	1	1*	..	..	1	..	1
Cannanore	3	6	9	1	15	1	3	..	3	..	7	7	4	..	4	3	3	6	3	3	4
State	27	103	130	4	15	19	3	..	3	..	7	7	4	..	4	3	3	6	3	3	4

\*Regional Engineering College.

## 16.8.3—(Contd.)

District	Agriculture		Veterinary		Horticulture		Ayurvedic		Homeopathy		College of Fine Arts		Grand Total								
	Government	Private	Total	Government	Private	Total	Government	Private	Total	Government	Private	Total	Government	Private							
(1)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)
Trivandrum	1	..	1	..	..	..	..	..	..	1	..	1	1	1	1	1	..	1	14	15	29
Quilon	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	16
Alleppey	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	18
Kottayam	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	2	21	23
Idukki	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	2	3
Ernakulam	..	..	..	..	..	..	..	1	1	..	..	1	1	..	..	..	..	..	6	17	23
Trichur	..	..	..	1	..	1	..	..	..	..	..	1	..	..	..	..	..	..	7	13	20
Palghat	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	7	11
Malappuram	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	2	9	11
Kozhikode	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	10	11	21
Cannanore	..	..	..	1	..	1	1	..	1	..	..	..	..	..	..	..	..	..	4	6	10
State	1	..	1	1	15	1	3	2	1	2	2	4	1	3	4	1	..	1	51	134	185

16.8.4—District-wise distribution of Colleges in Kerala for the year 1980-81

District	Arts and Science		Training		Music		Arabic		Medicine		Engineering		Law									
	Government	Private	Total	Government	Private	Government	Private	Government	Private	Government	Private	Government	Private	Total								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	
Trivandrum	6	11	17	1	2	3	1	..	..	1	..	1	1	..	1	1	1	1	1	1	1	2
Quilon	..	13	13	..	2	2	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Alleppey	..	14	14	..	3	3	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Kottayam	1	16	17	..	4	4	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..
Idukki	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ernakulam	3	14	17	..	2	2	1	..	1	..	..	..	..	..	..	1	1	1	1	..	..	1
Trichur	3	13	16	1	..	1	1	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Palghat	3	5	8	..	1	1	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Malappuram	3	4	7	..	..	..	..	..	..	..	4	4	..	..	..	..	..	..	..	..	..	..
Kozhikode	6	7	13	1	1	2	..	..	..	1	3	3	1	..	1	1*	..	1	1	..	..	1
Cannanore	4	6	10	1	1	1	..	..	..	..	3	3	..	..	..	..	..	..	..	..	..	..
State	30	104	134	4	15	19	3	..	3	..	7	7	4	..	4	3	3	6	3	1	..	4

\* Regional Engineering College.

16.8.4—(Contd.)

District	Agriculture		Veterinary		Horticulture		Ayurveda		Homeopathy		College of Fine Arts		Grand Total								
	Government	Private	Total	Government	Private	Government	Private	Government	Private	Government	Private	Government	Private	Total							
(1)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)
Trivandrum	1	..	1	..	..	..	1	..	1	..	..	1	1	1	1	1	..	1	14	15	29
Quilon	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	16
Alleppey	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	17	18
Kottayam	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	2	21	23
Idukki	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	3
Ernakulam	..	..	..	..	..	..	1	..	1	1	1	1	1	1	1	..	..	..	6	17	23
Trichur	..	..	..	1	..	1	1	..	1	..	1	1	..	..	..	..	..	..	7	14	21
Palghat	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	7	11
Malappuram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	9	12
Kozhikode	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	11	11	22
Cannanore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	6	11
State	1	..	1	1	..	1	1	2	1	2	2	4	1	3	4	1	1	1	54	135	189

## 16.9—Number of Arts and Science Colleges in Kerala by type of Management

Year	Government	Private	Total
1960-61	..	..	46
1970-71	12	105	117
1975-76	20	108	128
1978-79	27	103	130
1979-80	27	103	130
1980-81	30	104	134
1981-82*	38	123	161
1982-83**	40	132	172

Source: Directorate of Collegiate Education

\* Excluding evening colleges

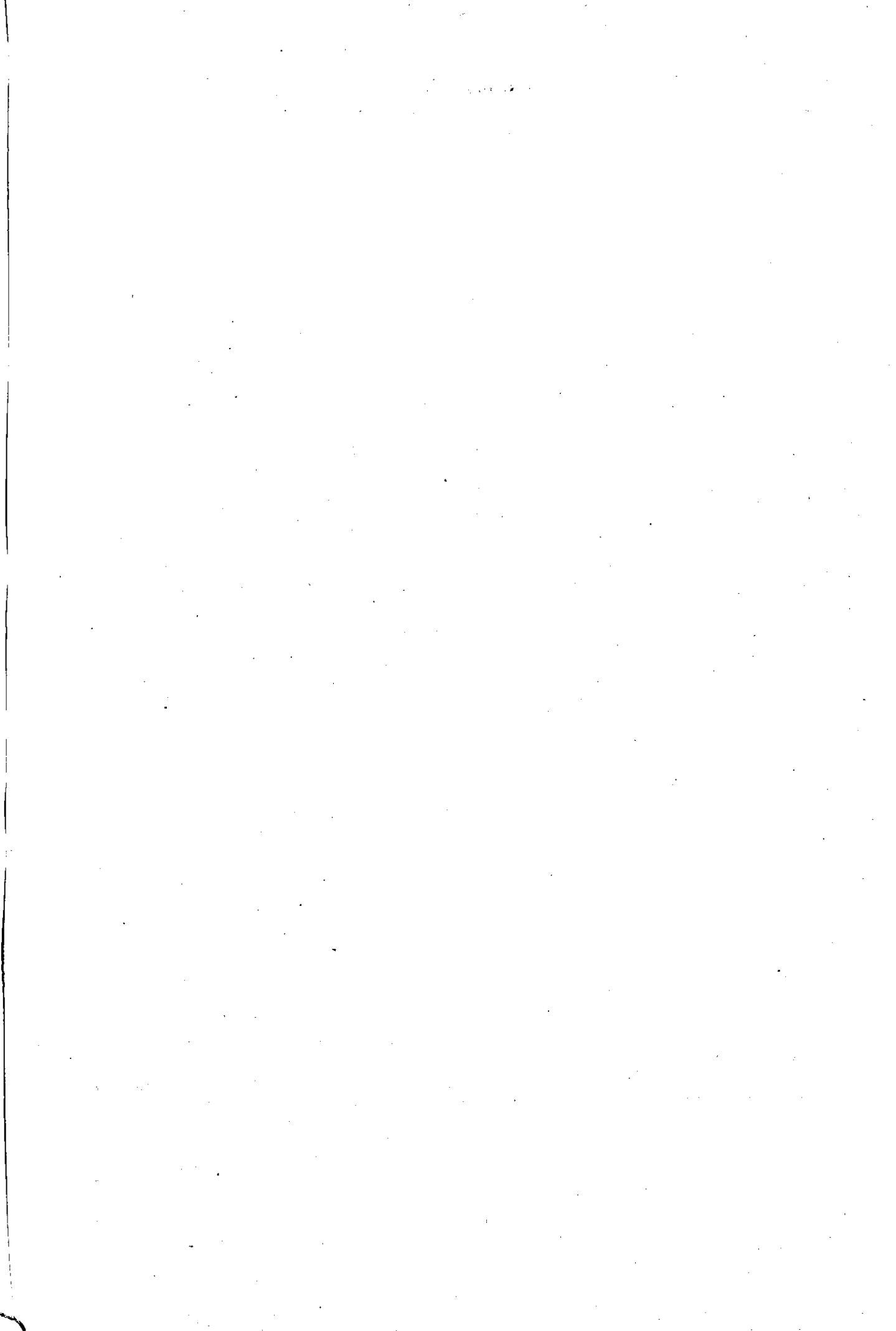
\*\* Provisional

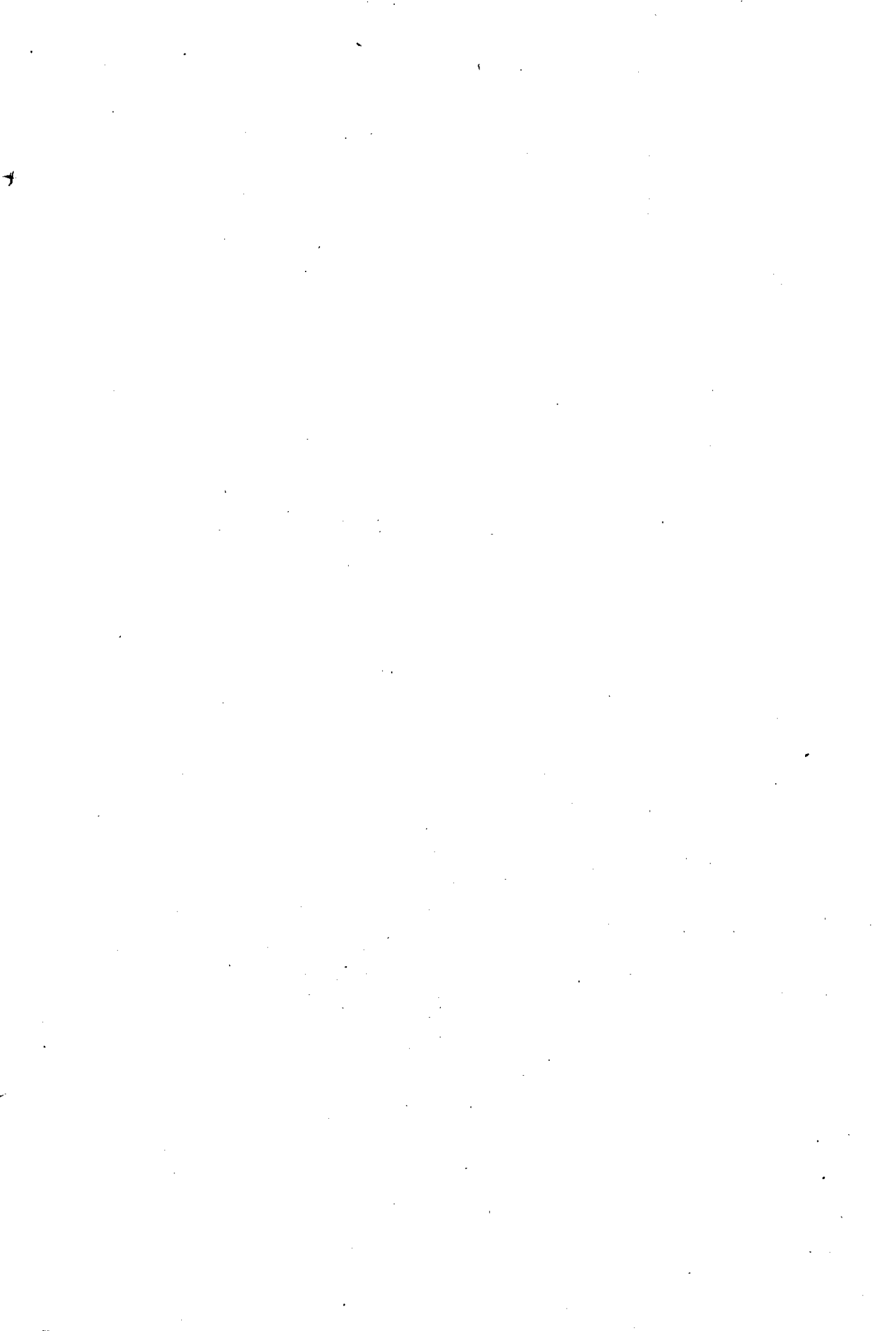
## 16.9.1—District-wise number of Arts and Science Colleges in Kerala

District	1979-80			1980-81			1981-82*			1982-83†		
	Government	Private	Total	Government	Private	Total	Government	Private	Total	Government	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	6	11	17	6	11	17	7	11	18	8	11	19
Quilon	..	13	13	..	13	13	1	16	17	1	16	17
Alleppey	..	14	14	..	14	14	..	15	15	..	15	15
Kottayam	1	16	17	1	16	17	1	20	21	1	20	21
Idukky	1	1	2	1	1	2	1	2	3	1	4	5
Ernakulam	3	14	17	3	16	19	4	18	22	5	19	24
Trichur	3	12	15	3	13	16	4	15	19	4	16	20
Palghat	3	5	8	3	5	8	3	6	9	3	7	10
Malappuram	2	4	6	3	4	7	3	6	9	3	7	10
Kozhikode	5	7	12	6	7	13	7	7	14	7	7	14
Wynad	..	..	..	..	..	..	2	..	2	2	2	4
Cannanore	3	6	9	4	6	10	5	7	12	5	8	13
State	27	103	130	30	106	136	38	123	161	40	132	172

\* Excluding Evening Colleges

† Provisional





16.10.4—District-wise strength of students in Arts and Science Colleges for the year 1981-82  
(Management-wise)

District	Pre-degree						Degree						Post-graduate			Grand Total				
	Government		Private		Total	Government		Private		Total	Government		Private		Total	Government		Private		Total
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)								
Trivandrum	5458	14171	19629	4353	8154	12507	892	355	1247	10703	22680	33383								
Quilon	425	21736	22161	..	12375	12375	..	776	776	425	34887	35312								
Alleppey	..	20148	20148	..	10082	10082	..	414	414	..	30644	30644								
Kottayam	1386	22320	23706	550	13184	13734	15	1214	1229	1951	36718	38669								
Idukki	413	1882	2295	..	942	942	..	..	..	413	2824	3237								
Ernakulam	2231	18540	20771	2085	11184	13269	582	757	1339	4898	30481	35379								
Trichur	2587	14631	17218	848	9390	10238	..	592	592	3435	24613	28048								
Palghat	4281	4895	9176	2829	2866	5695	326	121	447	7436	7882	15318								
Malappuram	2118	5614	7732	407	1889	2296	..	131	131	2525	7634	10159								
Kozhikode	5212	6065	11277	2112	4728	6840	70	361	431	7394	11154	18548								
Wynad	288	1220	1508	..	394	394	..	..	..	288	1614	1902								
Cannanore	3208	8730	11938	2171	4253	6424	151	95	246	5530	13078	18608								
State	27607	139952	167559	15355	79441	94796	2036	4816	6852	44998	224209	269207								

Source: Directorate of Collegiate Education.

16.10.5—Students in Music Colleges in Kerala

Year	Trivandrum						Thrippunithura						Palghat						State		
	Male		Female		Total	Male		Female		Total	Male		Female		Total	Male		Female		Total	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)									
1978-79	117	182	299	141	124	265	48	100	148	306	406	712									
1979-80	137	219	356	131	104	235	57	108	165	325	431	756									
1980-81	128	198	326	143	150	293	56	112	168	327	460	787									
1981-82	135	233	368	158	152	310	60	118	178	353	503	856									

Source: Directorate of Collegiate Education.

**16.11.—Number of Teachers in Arts and Science Colleges in Kerala**

Year	Government	Private	Total
1960-61	..	..	2170
1970-71	850	5441	6291
1976-77	1469	6615	8084
1977-78	1375	6721	8096
1978-79	1405	6985	8390
1979-80	1588	7761	9349
1980-81	1784	8390	10174
1981-82*	2016	9421	11437

\* Provisional

Source: Directorate of Collegiate Education.

**16.11.1.—Number of Teachers in Arts and Science Colleges—1979-80 to 1981-82 (District-wise)**

District	Government			Private			Total		
	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82
Trivandrum	427	460	519	788	843	919	1215	1303	1438
Quilon	..	..	15	1124	1220	1435	1124	1220	1450
Alleppey	..	..	..	993	1134	1285	993	1134	1285
Kottayam	57	64	69	1329	1351	1587	1386	1415	1656
Idukki	9	11	7	81	99	117	90	110	124
Ernakulam	207	230	265	1065	1158	1312	1272	1388	1577
Trichur	99	110	120	884	945	1029	983	1055	1149
Palghat	282	336	375	298	332	355	580	668	730
Malappuram	58	72	91	241	302	284	299	374	375
Kozhikode	272	257	285	518	535	515	790	792	800
Wynad	..	..	16	..	..	67	..	..	83
Cannanore	177	244	254	440	471	516	617	715	770
Total	1588	1784	2016	7761	8390	9421	9349	10174	11437

Source: Directorate of Collegiate Education

**16.12.—Number of Colleges for Professional Education in Kerala**

Year	Engineering	Medicine	Agriculture	Veterinary	Law	Teachers Training	Ayurveda	Horticulture	Homoeopathy	Fine Arts
1960-61	4	2	1	1	2	18	1	..	..	..
1970-71	6	4	1	1	4	19	2	..	..	..
1975-76	6	4	1	1	4	19	4	1	3	1
1976-77	6	4	1	1	4	19	4	1	3	1
1977-78	6	4	1	1	4	19	5	1	4	1
1978-79	6	4	1	1	4	19	5	1	4	1
1980-81	6	4	1	1	4	19	5	1	4	1
1981-82	6	4	1	1	4	19	5	1	4	1

**16.13.—Number of Scholars in Colleges for Professional Education in Kerala**

Year	Law College	Training College	Engineering College	Medical College	Ayurveda College	Agricultural College	Veterinary College	Horticulture College	Homoeopathy College
1960-61	437	2009	1553	1696	..	215	395	..	..
1970-71	1325	1772	1877	2347	281	..	235	..	..
1974-75	1861	1969	3537	3303	470	238	174	54	..
1975-76	2130	1958	3756	3609	516	319	182	76	..
1976-77	2034	2005	4094	3973	552	442	178	..	..
1977-78	2021	2283	4201	3663	680	418	244	189	..
1978-79	3145	2344	4676	3665	NA	114	189	271	834
1979-80	3375	2641	5317	3704	NA	125	311	326	971
1980-81	3474	2626	5686	3722	NA	111	319	361	863

## 16. 13. 1—Number of Scholars in Colleges for Professional Education (District-wise)

District	Law College*				Engineering College				Training College			
	1978-79	1979-80	1980-81	1981-82	1978-79	1979-80	1980-81	1981-82	1978-79	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	2487	2543	2535	..	1232	1280	1565	..	434	528	520	540
Quilon	..	..	..	..	721	823	897	..	237	285	288	294
Alleppey	..	..	..	..	..	..	..	..	360	408	393	434
Kottayam	..	..	..	..	..	..	..	..	507	578	541	579
Idukki	..	..	..	..	..	..	..	..	..	..	..	..
Ernakulam	367	539	638	..	443	479	534	..	240	288	282	286
Trichur	..	..	..	..	841	955	1042	..	126	123	147	150
Palghat	..	..	..	..	437	489	558	..	100	100	117	120
Malappuram	..	..	..	..	..	..	..	..	..	..	..	..
Kozhikode	291	293	301	..	1002	1291	1090	..	219	212	227	256
Wynad	..	..	..	..	..	..	..	..	..	..	..	..
Cannanore	..	..	..	..	..	..	..	..	121	119	111	137
State	3145	3375	3474	..	4676	5317	5686	..	2344	2641	2626	2796

\*Includes Law Academy.

## 16. 13. 1—(Contd.)

District	Agricultural College				Veterinary College				Horticulture College			
	1978-79	1979-80	1980-81	1981-82	1978-79	1979-80	1980-81	1981-82	1978-79	1979-80	1980-81	1981-82
(1)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
Trivandrum	114	125	111	..	..	..	..	..	..	..	..	..
Quilon	..	..	..	..	..	..	..	..	..	..	..	..
Alleppey	..	..	..	..	..	..	..	..	..	..	..	..
Kottayam	..	..	..	..	..	..	..	..	..	..	..	..
Idukki	..	..	..	..	..	..	..	..	..	..	..	..
Ernakulam	..	..	..	..	..	..	..	..	..	..	..	..
Trichur	..	..	..	..	189	311	319	..	271	326	361	..
Palghat	..	..	..	..	..	..	..	..	..	..	..	..
Malappuram	..	..	..	..	..	..	..	..	..	..	..	..
Kozhikode	..	..	..	..	..	..	..	..	..	..	..	..
Wynad	..	..	..	..	..	..	..	..	..	..	..	..
Cannanore	..	..	..	..	..	..	..	..	..	..	..	..
State	114	125	111	..	89	311	319	..	271	326	361	..



## 16.13.1—(Contd.)

District	Medical College				Ayurveda College				Homeopathy College			
	1978-79	1979-80	1980-81	1981-82	1978-79	1979-80	1980-81	1981-82	1978-79	1979-80	1980-81	1981-82
(1)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)
Trivandrum	1507*	1507*	1507*	..	304	308	286	..	223	263	228	..
Quilon	..	..	..	..	..	..	..	..	..	..	..	..
Alleppey	468*	468*	468*	..	..	..	..	..	..	..	..	..
Kottayam	538	574	592	..	..	..	..	..	371	407	347	..
Idukki	..	..	..	..	..	..	..	..	..	..	..	..
Ernakulam	..	..	..	..	N.A.	N.A.	N.A.	..	185	219	211	..
Trichur	..	..	..	..	..	..	..	..	..	..	..	..
Palghat	..	..	..	..	N.A.	N.A.	N.A.	..	..	..	..	..
Malappuram	..	..	..	..	161*	161*	161*	..	..	..	..	..
Kozhikode	1152	1155	1155*	..	..	..	..	..	55	82	82	..
Wynad	..	..	..	..	..	..	..	..	..	..	..	..
Cannanore	..	..	..	..	..	..	..	..	..	..	..	..
State	3665	3704	3722	..	N.A.	N.A.	N.A.	..	834	971	868	..

\*Figures for the previous year.

Source: Concerned departments.

## 16.14—No. of Teachers in Colleges for Professional Education in Kerala

Year	Law College	Training College	Engineering College	Medical College	Ayurveda College	Agricultural College	Veterinary College	Horticulture College	Homeopathy College
1960-61	11	138	145	212	..	31	36	..	..
1970-71	33	166	581	647	21	48	60	..	..
1974-75	43	165	475	684	55	52	66	..	..
1975-76	38	162	518	832	83	52	66	..	..
1976-77	44	161	526	850	63	92	74	..	..
1977-78	46	169	732	806	100	84	105	76	51
1978-79	46	172	747	939	112	79	121	77	49
1979-80	46	N.A.	766	929	114	103	122	82	53
1980-81	46	194	780	965*	122*	106	124	83	51
1981-82	N.A.	180	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

\*Provisional

## 16.14.1—No. of Teachers in Colleges for Professional Education—District-wise

District/State	Law College			Training College			Engineering College			Medical College			Ayurveda College		
	1978-79	1979-80	1980-81	1978-79	1979-80	1980-81	1978-79	1979-80	1980-81	1978-79	1979-80	1980-81	1978-79	1979-80	1980-81
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Trivandrum	25	25	25	30	30	30	215	221	225	358*	358*	358*	63	65	73
Quilon	..	..	..	10	16	16	124	125	125	..	..	..	..	..	..
Alleppey	..	..	..	26	25	25	..	..	..	138*	138*	138*	..	..	..
Kottayam	..	..	..	32	41	41	..	..	..	164	165	171	..	..	..
Idukki	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ernakulam	11	11	11	17	26	26	92	93	86	..	..	..	24*	24*	24*
Trichur	..	..	..	14	14	14	110	115	220	..	..	..	6*	6*	6*
Palghat	..	..	..	9	10	10	91	92	94	..	..	..	19*	19*	19*
Malappuram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kozhikkode	10	10	10	22	20	20	115	120	120	279	268	298	..	..	..
Cannanore	..	..	..	12	12	12	..	..	..	..	..	..	..	..	..
State	46	46	46	172	194	194	747	766	780	939	929	965	112	114	122

\*For the years 1977-78

## 16.14.1—(Contd.)

District/State	Agricultural College			Veterinary College			Homeopathy College			Horticulture College		
	1978-79	1979-80	1980-81	1978-79	1979-80	1980-81	1978-79	1979-80	1980-81	1978-79	1979-80	1980-81
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
Trivandrum	79	103	106	..	..	..	10	11	10	..	..	..
Quilon	..	..	..	..	..	..	..	..	..	..	..	..
Alleppey	..	..	..	..	..	..	..	..	..	..	..	..
Kottayam	..	..	..	..	..	..	16	15	11	..	..	..
Idukki	..	..	..	..	..	..	..	..	..	..	..	..
Ernakulam	..	..	..	..	..	..	13	13	12	..	..	..
Trichur	..	..	..	121	122	122	..	..	..	77	82	83
Palghat	..	..	..	..	..	..	..	..	..	..	..	..
Malappuram	..	..	..	..	..	..	..	..	..	..	..	..
Kozhikkode	..	..	..	..	..	..	10	14	14	..	..	..
Cannanore	..	..	..	..	..	..	..	..	..	..	..	..
State	79	103	106	121	122	122	49	53	51	77	82	83

## 16.15—Junior Technical Schools in Kerala

Year	No. of Junior Technical Schools	Intake		Enrolment	Out-turn Appeared	(Annual Examination) passed
		Sanctioned	Actual			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1970-71	21	1230	1010	2971	717	302
1971-72	21	1230	1071	3078	748	268
1972-73	21	1230	1135	3091	706	195
1973-74	21	1230	1124	3289	748	314
1974-75	21	1230	1172	3389	1044	463
1975-76	21	1230	1140	3382	796	391
1976-77	21	1230	1148	3484	890	504
1977-78	21	1230	1160	3496	943	545
1978-79	21	1390	1291	3713	997	678
1979-80	21	1390	1349	3854	989	659
1980-81	21	N.A.	N.A.	N.A.	1169	758
1981-82	21	N.A.	N.A.	N.A.	1478	840

Source : Directorate of Technical Education.

## 16.16—Polytechnics, I.T.Is. in Kerala—Number, Enrolment and Out-turn

Year	Polytechnics			I. T. I.		
	Number	Enrolment*	Out-turn**	Number	Enrolment	Out-turn
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1970-71	14	5498	713	26	2971	302
1975-76	18	6430	795	21	3332	391
1976-77	18	7074	997	21	3484	504
1977-78	18	6805	1153	21	3498	545
1978-79	18	6824	1173	21	3713	678
1979-80	18	8704	N.A.	21	3854	659
1980-81	20	8780	N.A.	N.A.	N.A.	N.A.

\*Including Certificate Course.

\*\*Excluding Supplementary Examinations.

## 16.16.1—District-wise strength of students in Polytechnics in Kerala

District/State	1970-71	1975-76	1977-78	1978-79	1979-80	1980-81
Triyandrum	680	960	1096	1050	1266	1303
Quilon	400	429	442	442	572	583
Alleppey	712	871	843	802	1094	1112
Kottayam	250	245	315	352	413	377
Idukky	..	..	..	..	..	..
Ernakulam	687	660	712	678	850	888
Trichur	1117	1386	1428	1462	1858	1863
Palghat	84	78	79	80	102	144
Malappuram	450	519	516	533	689	750
Kozhikode	679	837	854	850	1103	1117
Cannanore	439	445	520	557	757	643
State	5498	6430	6805	6806	8704	8780

Source : Directorate of Technical Education.

## 16.17—Total number of Staff in Technical Institutions

Details	1976-77	1977-78	1978-79	1979-80
(1)	(2)	(3)	(4)	(5)
Engineering College—Government	625	640	630	606
"    Private	441	457	472	479
"    Quasi	370	373	383	409
Polytechnics—Government	1035	986	956	1023
"    Private	450	445	374	462
Junior Technical Schools	722	730	808	863
Fine Arts College	..	..	66	38
Fine Arts Institution	..	..	20	22
Commercial Institutions	..	..	28	35
Food Craft Institution	..	..	28	30
<b>Total</b>	<b>3643</b>	<b>3631</b>	<b>3765</b>	<b>3967</b>

## 16.18.1—Number of Colleges affiliated to the Universities of Kerala—1981-82

Colleges	Kerala University			Calicut University			Total		
	Government	Private	Total	Government	Private	Total	Government	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. Arts and Science Colleges	12	81	93	24	40	64	36	121	157
2. Training Colleges	1	13	14	3	2	5	4	15	19
3. Engineering Colleges	1	2	3	2	1	3	3	3	6
4. Medical Colleges	3	..	3	2	..	2	5	..	5
5. Ayurveda Colleges	2	..	2	..	2	2	2	2	4
6. Law Colleges	2	1	3	1	..	1	3	1	4
<b>Total</b>	<b>21</b>	<b>97</b>	<b>118</b>	<b>32</b>	<b>45</b>	<b>77</b>	<b>53</b>	<b>142</b>	<b>195</b>

## 16.18.2—Number of Colleges affiliated to the Universities of Kerala—1982-83

Colleges	Kerala University			Calicut University			Total		
	Government	Private	Total	Government	Private	Total	Government	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. Arts and Science Colleges	16	85	101	24	47	71	40	132	172
2. Training Colleges	1	13	14	3	2	5	4	15	19
3. Engineering Colleges	1	2	3	2	1*	3	3	3	6
4. Medical Colleges	3	..	3	2	..	2	5	..	5
5. Ayurveda Colleges	2	..	2	..	2	2	2	2	4
6. Law Colleges	2	1	3	1	..	1	3	1	4
<b>Total</b>	<b>25</b>	<b>101</b>	<b>126</b>	<b>32</b>	<b>52</b>	<b>84</b>	<b>57</b>	<b>153</b>	<b>210</b>

\*Regional Engineering College

XVII. MEDICAL



## XVII. MEDICAL

## 17.1—Number of Medical Institutions in Kerala (Allopathic)

Year	Hospitals	P.H. Centres	Secondary Health Centres	Dispensaries	M.C.H. Centres	T.B. Centres and Clinics	Grant-in-aid Institutions	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1960—61	57	82	10	197	..	..	41	..	397
1970—71	112	162	1	261	1	NA	15	1	553
1978—79	141	163	..	563	1	20	11	6	905
1979—80	144	163	..	563	1	20	11	16	918
1980—81	145	168	..	625	5	20	12	..	975
1981—82*	145	172	..	616	5	10 T.B. centres	12	20	980

\*Provisional.

Source : Directorate of Health Services.

## 17.1.1—Number of Medical Institutions—district-wise (Allopathic)—1979-80

District	Hospitals	P. H Centres	Secondary Health Centres	Dispensaries	M.C.H. Centres	T.B. Centres & Clinics	Grant-in-aid Institutions	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	19	18	..	50	1	1	3	7	99
Quilon	12	20	..	56	..	4	1	..	93
Alleppey	13	20	..	48	..	2	3	1	87
Kottayam	14	15	..	31	..	2	1	..	63
Idukki	4	4	..	35	..	..	..	..	43
Ernakulam	20	17	..	49	..	4	2	2	94
Trichur	19	18	..	47	..	1	1	..	86
Palghat	11	11	..	53	..	1	..	1	77
Malappuram	8	12	..	48	..	2	..	..	70
Kozhikode	10	15	..	48	..	1	..	3	77
Wynad	..	..	..	..	..	..	..	..	..
Cannanore	14	13	..	98	..	2	..	2	129
State	144	163	..	563	1	20	11	16	918

## 17.1.2—Number of Medical Institutions—District-wise—1980-81

District	Hospitals	P. H. Centres	Secondary Health Centres	Dispensaries	M. C. H. Centres	T. B. Centres and Clinics	Grand in aid Institutions	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	19	17	..	55	2	1	3	..	97
Quilon	12	19	..	60	1	4	1	..	97
Alleppey	13	23	..	49	..	2	3	..	90
Kottayam	14	14	..	33	1	2	1	..	65
Idukki	4	4	..	38	..	..	..	..	46
Ernakulam	21	17	..	53	..	4	2	..	97
Trichur	19	20	..	53	..	1	1	..	94
Palghat	10	13	..	57	..	1	..	..	81
Malappuram	9	13	..	61	..	2	1	..	86
Kozhikode	9	12	..	40	1	1	..	..	63
Wynad	2	3	..	24	..	..	..	..	29
Cannanore	13	13	..	102	..	2	..	..	130
State	145	168	..	625	5	20	12	..	975

## 17. 1. 3—Number of Medical Institution—District-wises (1981-82)

District	Hospitals	P.H. Centres	Secondary Health Centres	Dispensaries	M. C. H Centres	T.B. Centres and Clinics	Grant-in aid Institutions	Others	Total
Trivandrum	16	17	..	60	1	1	3	2	100
Quilon	12	20	..	60	1	1	1	3	98
Alleppey	12	20	..	52	1	1	3	2	91
Kottayam	14	15	..	34	1	1	1	1	67
Idukki	4	5	..	37	..	..	..	..	46
Ernakulam	22	17	..	55	..	1	2	3	100
Trichur	18	19	..	43	..	1	1	3	85
Palghat	11	13	..	58	..	1	..	..	83
Malappuram	9	14	..	63	..	1	1	2	90
Kozhikode	9	13	..	39	1	1	..	1	64
Wynad	4	4	..	21	..	..	..	..	29
Cannanore	14	15	..	94	..	1	..	3	127
State	145	172	..	616	5	10	12	20	980

## 17. 2—Number of beds in Medical Institutions (Allopathic)

Year	Hospitals	Primary Health Centres	Secondary Health Centres	Dispensaries	M. C. H. Centres	T.B. Centres and Clinics	Grant-in aid Medical Institutions	Others	Total
1960-61	10574	760	606	1060	..	..	978	..	13978
1970-71	17640	1338	122	1122	20	302	1233	..	21777
1978-79	24288	1847	..	1476	20	318	2018	..	29967
1979-80	24543	1895	..	1426	20	318	2018	..	30220
1980-81	25295	1962	..	1490	42	318	2099	..	31206
1981-82 *	23203	2142	..	1431	94	180	3204	..	30254

\* Provisional

## 17. 2. 1—Number of beds in Medical Institutions (Allopathic) District-wise (1979-80)

District	Hospitals	Primary Health Centres	Secondary Health Centres	Dispensaries	M. C. H. Centres	T.B. Centres and Clinics	Grant-in aid Medical Institutions	Others	Total
Trivandrum	4746	186	..	146	20	28	452	..	5578
Quilon	1556	250	..	120	..	36	120	..	2132
Alleppey	3101	221	..	102	..	12	575	..	4011
Kottayam	2274	192	..	95	..	48	200	..	2809
Idukki	194	46	..	99	..	..	..	..	339
Ernakulam	2320	190	..	212	..	40	501	..	3263
Trichur	3039	232	..	71	..	..	170	..	3512
Palghat	1024	129	..	160	..	52	..	..	1365
Malappuram	775	114	..	74	..	52	..	..	1015
Kozhikode	3348	132	..	154	..	..	..	..	3631
Wynad	..	..	..	..	..	..	..	..	..
Cannanore	2166	203	..	196	..	..	..	..	2565
State	24543	1895	..	1426	20	318	2018	..	30220

## 17. 2. 2—Number of beds in Medical Institutions (Allopathic) District-wise 1980-81)

District	Hospitals	Primary Health Centres	Secondary Health Centres	Dispensaries	M. C. H. Centres	T.B. Centres and Clinics	Grant-in aid Medical Institutions	Others	Total
Trivandrum	4875	186	..	146	20	28	472	..	5727
Quilon	1585	190	..	126	..	36	120	..	2107
Alleppey	3137	227	..	91	..	12	555	..	4022
Kottayam	2285	176	..	95	16	48	166	..	2786
Idukki	238	58	..	99	..	..	..	..	395
Ernakulam	2439	269	..	198	..	40	556	..	3502
Trichur	3156	250	..	91	..	..	170	..	3667
Palghat	1050	157	..	144	..	52	..	..	1403
Malappuram	815	114	..	70	..	52	60	..	1111
Kozhikode	3451	126	..	68	6	..	..	..	3651
Wynad	251	6	..	123	..	..	..	..	385
Cannanore	2013	203	..	234	..	..	..	..	2450
State	25295	1962	..	1490	42	318	2099	..	31206



**17.2.3—No. of beds in Medical Institutions—Allopathic (District-wise)—1981-82\***

District	Hospitals	Primary Health Centres	Secondary Health Centres	Dispensaries	M. C. H. centres	T. B. Centres and Clinics	Grant-in-aid Medical Institutions	Others	Total
Trivandrum	4695	272	..	175	..	28	508	..	5678
Quilon	1585	217	..	117	60	N.A.	86	..	2065
Alleppey	2195	221	..	124	12	..	993	..	3557
Kottayam	2368	184	..	107	16	48	..	..	2723
Idukki	230	70	..	95	..	..	..	..	395
Ernakulam	2522	295	..	174	..	40	..	..	3031
Trichur	2282	250	..	73	..	..	906	..	3511
Palghat	1058	137	..	152	..	52	..	..	1399
Malappuram	826	114	..	70	..	N. A.	52	..	1062
Kozhikode	3291	126	..	76	6	..	263	..	3762
Wynad	338	6	..	44	..	..	..	..	388
Cannanore	1813	250	..	224	..	..	396	..	2683
State	23203	2142	..	1431	94	180	3204	..	30254

\* Provisional

**17.3.1—Statement of in-patients and out-patients treated—1978-79**

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	215495	78814	101058	35623	3698559	1162750	1430710	1105099
2	Quilon	131059	37962	67570	25527	2223389	619919	985200	618270
3	Alleppey	122333	41631	54576	26126	2751488	811245	1062046	878197
4	Kottayam	123759	43212	55040	25507	2314750	711692	910523	692535
5	Idukki	21390	6709	10353	4328	725644	191738	313838	220068
6	Ernakulam	145808	47394	71897	26517	3262129	887805	1369736	1004588
7	Trichur	162180	57449	75686	29045	3278072	850644	1303128	1124300
8	Palghat	92271	34212	40141	17918	2237499	742698	862134	632667
9	Malappuram	101927	32338	39785	29804	3455138	764315	967074	723749
10	Kozhikode	154744	57461	69660	27623	2329692	623987	998057	707648
11	Wynad	..	..	..	..	2355813	744325	905079	706409
12	Cannanore	137068	44228	56543	36297	2355813	744325	905079	706409
	Total	1408034	481410	642309	284315	27632173	8111118	11107525	8413530

Source: Directorate of Health Services.

**17.3.2—Statement of in-patients and out-patients —1979-80**

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	156760	50452	77725	28583	3494587	977286	1408657	1109644
2	Quilon	121627	38749	65419	17459	2087464	566908	892442	628114
3	Alleppey	129351	39920	48411	41020	839264	271686	336254	231324
4	Kottayam	77115	25958	37472	13685	1777255	522701	727291	527263
5	Idukki	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
6	Ernakulam	144939	48902	70483	25554	2774669	766348	1213237	795084
7	Trichur	165610	57389	78268	29953	2819078	715152	1174428	929498
8	Palghat	68756	23162	31664	13930	2015897	606639	832989	576269
9	Malappuram	74662	25459	31264	17939	2058528	610776	807976	639376
10	Kozhikode	88589	26324	46300	15965	1876127	474310	825139	576678
11	Wynad	..	..	..	..	..	..	..	..
12	Cannanore	139342	44321	58279	36742	2436040	748591	942611	744838
	Total	1186751	380636	545285	160830	22178909	6260397	9160024	6758488

## 17.3 3—Statement of In-patients and Out-patients—1980-81

Sl. No.	Districts	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	69999	17981	2014413	549443	877435	587535
3	Alleppey	86538	25631	42506	18401	2293900	625193	935129	733578
4	Kottayam	76140	20327	40750	15063	1431059	55596	839730	7535733
5	Idukki	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
6	Ernakulam	141137	47308	68896	24933	2982576	809159	1251157	922260
7	Trichur	158912	55268	77928	25716	2760948	708287	1163914	888747
8	Palghat	68207	22735	32238	13234	1918382	587194	797828	533360
9	Malappuram	88555	34094	33262	21199	2198037	662267	846917	688873
10	Kozhikode	64027	16699	35381	11947	1563317	399483	663387	500447
11	Wynad	28495	7868	12535	8092	527124	145431	209038	172655
12	Cannanore	121577	37118	55264	29195	2170700	639522	911369	599809
Total		1096064	347817	533052	215195	23357027	6200785	9883679	7272563

## 17.4.—Number of Doctors in Medical Institutions (Allopathic—Government)

Year	Doctors
1970-71	1404
1975-76	1929
1978-79	2256
1979-80	2335
1980-81	2455

## 17.5 Number of Medical Institutions (Ayurveda)

Year	Ayurveda Hospitals	Ayurveda Dispensaries	Vishavaidya Hospitals	Vishavaidya Dispensaries	Sidha Vaidya Dispensaries	Grant-in-aid Institutions
1970-71	41	250	2	5	3	304
1975-76	63	376	2	4	2	271
1979-80	74	412	2	4	4	244
1980-81	85	419	2	4	4	228
1981-82	92	437	2	4	5	228

## 17.5.1 Number of Medical Institutions (Ayurveda)—District-wise 1979-80 to 1981-82

District	Ayurveda Hospitals			Ayurveda Dispensaries			Vishavaidya Hospitals			Vishavaidya Dispensaries			Sidha Vaidya Dispensaries			Grant-in-aid Institutions		
	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Trivandrum	7	11	12	39	40	43	..	..	..	..	..	..	1	1	2	32	29	29
Quilon	7	8	9	37	37	40	..	..	..	..	..	..	1	1	1	50	44	44
Alleppey	8	9	10	40	40	41	..	..	..	..	..	..	..	..	..	38	34	36
Kottayam	7	8	8	21	21	23	..	..	..	..	..	..	..	..	..	15	15	15
Idukki	1	1	2	19	19	19	..	..	..	..	..	..	1	1	1	1	1	1
Ernakulam	10	11	11	29	31	34	..	..	..	1	1	1	..	..	..	18	17	17
Trichur	12	12	13	56	56	55	2	2	2	2	2	2	..	..	..	24	24	23
Palghat	3	4	5	40	41	41	..	..	..	1	1	1	..	..	..	4	4	4
Malappuram	7	9	10	38	39	41	..	..	..	..	..	..	1	1	1	2	2	2
Kozhikode	5	5	4	35	36	31	..	..	..	..	..	..	..	..	..	10	10	10
Wynad	..	..	1	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..
Cannanore	7	7	7	58	59	61	..	..	..	..	..	..	..	..	..	50	48	47
Total	74	85	92	412	419	437	2	2	2	4	4	4	4	4	5	244	228	228

Source : Directorate of Indigenous Medicine.

## 17.6—Number of beds in Medical Institutions (Ayurveda)

Year	Ayurveda Hospitals	Vishavaidya Hospitals	Total
1970-71	1172	8	1180
1975-76	1274	8	1282
1979-80	1401	8	1409
1980-81	1736	8	1744
1981-82	1941	8	1949

Source : Directorate of Indigenous Medicine.

## 17.6.1 Number of beds in medical institutions (Ayurveda) District-wise 1979-80 to 1981-82

Districts	Ayurveda Hospital			Vishavaidya Hospital			Total		
	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	340	450	535	..	..	..	340	450	535
Quilon	115	125	150	..	..	..	115	125	150
Alleppey	106	170	180	..	..	..	106	170	180
Kottayam	100	140	140	..	..	..	100	140	140
Idukky	20	30	60	..	..	..	20	30	60
Ernakulam	144	170	180	..	..	..	144	170	180
Trichur	185	195	195	8	8	8	193	193	203
Palghat	80	110	120	..	..	..	80	110	120
Malappuram	115	155	180	..	..	..	115	155	180
Kozhikode	60	60	60	..	..	..	60	60	60
Cannanore	136	141	141	..	..	..	136	141	141
Total	1401	1736	1941	8	8	8	1409	1744	1949

Source : Directorate of Indigenous Medicine.

## 17.7.—Number of patients treated in Medical Institutions—Ayurvedic (1979-80 to 1981-82)

	Number of inpatients treated		Number of out-patients treated	
	in Hospitals		in Hospitals	in dispensaries
1978-79		14648	3396160	9609243
1979-80		22826	3472677	9748154
1980-81		21388	4690307	11586554
1981-82		26689	4529766	10654027

Source: Directorate of Indian System of Medicine.

## 17.7.1.—Number of patients treated in Medical institutions (Ayurveda)—District-wise 1979-80 to 1981-82

District	No. of inpatients treated			No. of out patients treated					
	Hospitals			Hospitals			Dispensaries		
	1979-80	1980-81	1981-82	1979-80	1980-81	1981-82	1979-80	1980-81	1981-8
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	7776	6597	8714	438033	644702	586625	1473663	1535721	1224184
Quilon	1620	965	3220	315447	986322	449904	1189333	1293259	1025300
Alleppey	1635	1310	2809	496555	649690	697576	1427879	1435987	1195501
Kottayam	1016	963	1128	367911	392149	505054	522276	675445	591931
Idukky	358	403	574	76141	95773	133802	484010	542476	613632
Ernakulam	2070	2407	2654	501311	521260	664917	878054	1025823	839921
Trichur	3428	3506	2681	467257	510407	452688	1235317	1313869	1200682
Palghat	1581	996	1162	133476	180596	227801	717440	851583	842028
Malappuram	1180	1091	1098	203894	226459	293760	728733	837343	909598
Kozhikode	719	923	858	242450	248357	224626	63101	875952	908091
Cannanore	1443	2227	1791	230172	234592	293013	1028348	1199096	1303159
Total	22826	21388	26689	3472677	4690307	4529766	9748154	11586554	10654027

Source: Directorate of Indigenous medicine.

**17.8.—Number of doctors in Medical Institutions Ayurvedic (Government)**

Year	Doctors
1978-79	155
1979-80	613
1980-81	640
1981-82	704

**17.9. Number of Medical Institutions—Homoeopathic**

Year	Homoeopathic Hospitals	Dispensaries
1970-71	2	45
1975-76	3	113
1978-79	10	133
1979-80	16	154
1980-81	17	157
1981-82	22	191

Source: Directorate of Homoeopathic medicine.

**17.9.1.—Number of Medical Institutions—(Homoeopathic) District-wise**

District	1978-79		1979-80		1980-81		1981-82	
	Hospitals	Dispensaries	Hospitals	Dispensaries	Hospitals	Dispensaries	Hospitals	Dispensaries
Trivandrum	1	11	3	13	3	14	4	20
Quilon	..	14	1	15	1	15	1	18
Alleppey	1	15	2	17	2	17	3	18
Kottayam	1	14	2	15	2	15	3	17
Idukky	1	10	1	13	1	14	2	12
Ernakulam	1	11	2	12	2	12	2	19
Trichur	1	7	1	9	1	9	1	12
Palghat	1	13	1	12	1	12	1	13
Malappuram	1	12	1	16	1	17	2	20
Kozhikode	1	10	1	13	1	13	X	17
Wynad	..	..	No Institution	..	Nil	2	Nil	2
Cannanore	1	16	1	19	2	19	3	23
State	10	133	16	154	17	159	22	191

X Hospitals bifurcated from the Department.

**17.10.—Number of beds in Medical Institutions—Homoeopathic**

Year	Number of beds
1975-76	250
1978-79	300
1979-80	510
1980-81	535
1981-82	650

**17.10.1. Number of beds in Medical Institutions—Homoeopathic—District-wise**

District	Number of beds				
	1975-76	1978-79	1979-80	1980-81	1981-82
Trivandrum	50	50	125	125	150
Quilon	..	..	25	25	25
Alleppey	25	25	50	50	75
Kottayam	50	50	85	85	125
Idukky	..	..	25	25	50
Ernakulam	25	25	50	50	50
Trichur	25	25	25	25	25
Palghat	25	25	25	25	25
Malappuram	..	25	25	25	50
Kozhikode	25	50	50	50	..
Wynad	..	..	..	..	..
Cannanore	25	25	25	50	75
State	250	300	510	535	650

### 17.11—Number of patients treated in Medical Institutions—Homoeopathy

Year	Number of inpatients treated		Number of outpatients treated	
	Hospitals	Dispensaries	Hospitals	Dispensaries
1975-76	3374	..	500024	1131623
1978-79	4423	..	840021	1108940*
1979-80	4418	..	779297	1360851
1980-81	8567	..	1121560	4608012
1981-82	12411	..	1577452	5203558

\* For the year 1977-78.

Source: Directorate of Homoeopathy.

#### 17.11.1—Number of patients treated in Homoeopathic Hospitals—District-wise

District	1978-79		1979-80		1980-81		1981-82	
	No. of patients treated in Hospitals		No. of patients treated in hospitals		No. of patients treated in hospitals		No. of patients treated in hospitals	
	In-patient	Out-patient	In-patient	Out-patient	In-patient	Out-patient	In-patient	Out-patient
Trivandrum	1225	170507	1210	181106	3987	284141	3066	430889
Quilon	..	..	*	11740	384	144419	665	174809
Alleppey	215	155230	173	148218	443	260327	636	287564
Kottayam	697	53144	853	59062	911	110694	1184	203109
Idukki	..	37430	327	36095	..	35731	..	43426
Ernakulam	266	103261	224	11361	467	103791	575	134637
Trichur	287	91173	277	85714	228	72725	220	81233
Palghat	289	37539	299	45026	299	32977	148	31050
Malappuram	116	48644	156	58020	132	57672	4874	92491
Kozhikode	432	104683	625	94055	989	134883	..	..
Wynad	..	..	..	..	..	..	..	..
Cannanore	296	38810	274	50900	727	84788	1043	98244
State	4423	840021	4418	779297	8567	1322148	12411	1577452

\* Inpatient wing not started.

Source: Directorate of Homoeopathy.

#### 17.12—Number of Family Planning Centres in Kerala

Year	Urban area		Rural area		Total
	Govt. Centres	F. W. Urban Centres	Main centres	Sub centres	
1979-80	21	..	163	1788	1972
1980-81	42	..	163	1788	1993
1981-82	42	..	163	2113	2318
1982-83	38	..	163	2113	2314

Source: Directorate of Health Services.

#### 17.13—Progress of Family Planning Programme

Year	Vasectomy	P P S Tubectomy	Induced abortion	IUCD	Conventional contraceptives distributed				Number of C C users
					Niroth	Dia-phram	Jelly tubes	Foam tablets	
1970-71	46621	21396	..	30584	1638686	51	2490	76730	17106
1975-76	94270	62352	19969	28302	2820300	9	252	NA	NA
1980-81	15854	92658	35340	18394	1519567	NA	NA	NA	NA
1981-82	16262	107592	35033	20558	137331	NA	NA	NA	NA

Source: Directorate of Health Services.

## 17.13.1—Progress of Family Planning Programme—District-wise—1980-81

District	Vasac- tomy	PPS tubectomy	Induced abortion	IUCD	Niroth	Conventional contraceptives distributed			
						Dia- phram	Jelly tubes	Foam tablets	No. of CC users
Trivandrum	1714	13682	..	1344	186171				
Quilon	1076	13818	..	1638	129842				
Alleppey	2982	8175	..	2812	146952				
Kottayam	1106	7735	..	2583	115567				
Idukki	637	1216	..	755	70155				
Ernakulam	1667	9693	..	1891	143171		N. A.		
Trichur	1414	11519	..	1026	130504				
Palghat	468	4002	..	2112	123225				
Malappuram	420	4449	..	1938	135144				
Kozhikode	2028	10653	..	1133	179382				
Wynad	216	533	..	158	2787				
Cannanore	2126	7183	..	1004	156667				
State	15854	92658	35340	18394	1519567				

Source : Directorate of Health Services.

## 17.13.2—Progress of Family Planning Programme—District-wise—1981-82

District	Vasac- tomy	PPS tubectomy	Induced abortion	IUCD	Niroth	conventional contraceptives distributed			
						Dia- phram	Jelly tubes	Foam tablets	No. of C C users
Trivandrum	1551	18006	..	1616	205265				
Quilon	748	14465	..	1674	129703				
Alleppey	2598	9130	..	2682	151716				
Kottayam	1071	7609	..	3258	125203				
Idukki	1760	3028	..	463	67290				
Ernakulam	1913	11349	..	2286	149743		N. A.		
Trichur	1292	12235	..	1414	139245				
Palghat	460	4603	..	2219	10030				
Malappuram	252	5290	..	2033	98520				
Kozhikode	1295	11059	..	1323	157909				
Wynad	1162	1576	..	511	24398				
Cannanore	2160	9242	..	1074	114309				
State	16262	107592	35033	20558	1373331				

Source : Directorate of Health Services.

**XVIII. PLAN EXPENDITURE**

SECRETARY OF THE ARMY



**XVIII. PLAN EXPENDITURE IN KERALA**  
**18.1—Plan expenditure in Kerala during the five year plans**

*(Rs. in lakhs)*

Head of Development	1st plan	2nd plan	3rd plan	Annual plans	Fourth plan	Fifth plan						
	1951-56	1956-61	1961-66	1966-69	1969-74	1974-78+ Annual plan (1978-79)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Actual expen- diture	Actual expen- diture	Actual expen- diture	Actual expen- diture	Actual expen- diture	Actual expen- diture	Actual expen- diture	Actual expen- diture	Actual expen- diture	Actual expen- diture	Actual expen- diture	Actual expen- diture
	Per- centage	Per- centage	Per- centage	Per- centage	Per- centage	Per- centage	Per- centage	Per- centage	Per- centage	Per- centage	Per- centage	Per- centage
Agricultural Programme	248.51	9.6	794.54	9.8	2585.96	14.2	3289.85	22.8	4419.57	13.3	10370.86	15.15
Community Development and Co-operation	..	..	540.47	6.8	1097.66	6.0	600.37	4.2	1199.44	3.6	783.47	1.17
Irrigation and Power	1570.62	60.8	3273.67	40.8	7634.58	41.9	5441.91	37.7	14329.05	43.0	26565.78	39.33
Industry and mining	50.43	2.0	603.98	7.5	1437.02	7.9	1334.99	9.2	2502.11	7.5	7721.09	11.28
Transport and Communi- cations	335.89	12.7	718.31	9.0	1195.76	6.5	1066.79	7.4	3076.28	9.2	4787.89	6.93
Social services	383.83	14.9	2019.42	25.2	4170.29	22.9	2660.74	18.4	7765.48	23.3	16423.63	24.19
Miscellaneous	..	..	71.39	0.9	109.72	0.6	42.72	0.3	44.07	0.1	93.91*	..
Economic services	..	..	..	..	..	..	..	..	..	..	197.19@	..
General services	..	..	..	..	..	..	..	..	..	..	154.68	0.60
Total state plan	2589.28	100.0	8021.78	100.00	18231.01	100.0	14437.37	100.00	33336.00	100.0	67740.06	100.00
									1240.00*		1162.67*	
											197.19@	

\* Represents the plan assistance out side the State plan ceilings.

@ Share of ESI Corporation.

Source: Budget documents.

## 18.2—Annual plan 1979-80 and sixth five year plan

(Rs. in lakhs)

## Annual plan

## Sixth plan

(1)	1979-80		1980-81		1981-82		1982-83		1983-84	
	Accounts	Percentage	Accounts	Percentage	Accounts	Percentage	Revised estimates	Percentage	Budget estimates	Percentage
(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
Agriculture and Allied services	3781.91	15.79	5426.61	17.81	5880.94	18.89	6200.65	21.30	6451.00	20.90
	0.30*		225.28*		406.46*		370.00*		400.00*	
Co-operation	275.38	1.15	345.00	2.66	910.56	2.88	421.95	1.40	405.00	1.24
					46.93*					
Irrigation and power	8170.48	35.50	11509.26	37.38	12086.34	37.35	9999.00	34.34	12320.00	39.26
	331.85*		350.00*		350.00*		350.00*		350.00*	
Industry and Minerals	4367.01	18.23	3055.42	9.66	3333.79	10.05	3346.59	11.11	3390.00	10.34
					17.16*					
Transport and communications	1625.00	7.50	1883.90	5.94	2156.64	6.48	2211.79	7.34	2125.00	6.48
	172.02*		4907.11							
Social and community services	19.25@	20.57	7861.06	24.85	7321.72	22.14	6473.75	22.51	6599.00	20.23
	58.66	0.24	23.60*		50.76*		309.00*		32.00*	
Economic services	245.23	1.02	92.89	0.29	88.96	0.27	94.65	0.31	145.00	0.44
General services			447.12	1.41	643.39	1.94	356.00	1.19	365.00	1.11
Total	23954.20	100.00	31730.14	100.00	33293.65	100.00	30135.38	100.00	32782.00	100.00

\* Plan assistance outside the State plan ceiling.

@ Share of ESI Corporation.

Source: Budget documents.

## 18.3—State-wise composition of outstanding debt

(Rs. in crores)

State	As at the end of March 1981 (Accounts)		As at the end of March 1982 (Revised estimate)		As at the end of March 1983 (Budget estimate)	
	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	314	1360	107	1781	358	1478
	(17.6)	(76.4)	(6.0)	(100.0)	(18.2)	(75.3)
Assam	93	601	39	733	102	708
	(12.7)	(82.0)	(5.3)	(100.0)	(12.0)	(83.0)
Bihar	191	1602	204	1997	217	1793
	(9.6)	(80.2)	(10.2)	(100.0)	(9.6)	(76.3)
Gujarat	282	765	131	1178	299	920
	(23.9)	(65.0)	(11.1)	(100.0)	(21.9)	(67.3)
Haryana	147	393	99	639	160	447
	(23.0)	(61.5)	(15.5)	(100.0)	(22.0)	(61.4)
Total						
Internal debt						
Loans and advances from Central Govt.						
Provident fund etc.						
Total						
Internal debt						
Loans and advances from Central Govt.						
Provident fund etc.						
Total						

Himachal Pradesh	22	119	49	190	27	139	58	224	29	159	70	258
	(11.6)	(62.6)	(25.8)	(100.0)	(12.0)	(62.0)	(26.0)	(100.0)	(11.3)	(61.6)	(27.1)	(100.0)
Jammu and Kashmir	35	793	58	886	40	903	72	1015	47	1022	90	1159
	(40.0)	(89.5)	(6.5)	(100.0)	(3.9)	(89.0)	(7.1)	(100.0)	(4.0)	(88.2)	(7.8)	(100.0)
Karnataka	246	823	120	1189	265	911	144	1320	296	987	172	1455
	(20.7)	(69.2)	(10.1)	(100.0)	(20.1)	(69.0)	(10.9)	(100.0)	(20.3)	(67.9)	(11.8)	(100.0)
Kerala	167	660	181	1008	197	662	196	1005	232	673	222	1127
	(16.5)	(65.5)	(18.0)	(100.0)	(19.6)	(60.9)	(19.5)	(100.0)	(20.6)	(59.7)	(19.7)	(100.0)
Madhya Pradesh	227	1007	359	1593	257	1144	452	1853	195	1278	571	2044
	(14.3)	(63.2)	(22.5)	(100.0)	(13.9)	(61.7)	(24.4)	(100.0)	(9.5)	(62.5)	(28.0)	(100.0)
Maharashtra	371	1497	315	2183	420	1770	370	2560	451	2026	431	2908
	(17.0)	(68.6)	(14.4)	(100.0)	(16.4)	(69.1)	(14.5)	(100.0)	(15.5)	(69.7)	(14.8)	(100.0)
Manipur	27	46	5	78	32	37	6	75	37	38	7	82
	(34.6)	(59.0)	(6.4)	(100.0)	(42.7)	(49.3)	(8.0)	(100.0)	(45.1)	(46.4)	(8.5)	(100.0)
Meghalaya	13	12	5	30	16	16	5	37	25	20	6	51
	(43.3)	(40.0)	(16.7)	(100.0)	(43.3)	(43.2)	(13.5)	(100.0)	(49.0)	(39.2)	(11.8)	(100.0)
Nagaland	30	16	19	65	35	18	22	75	38	21	25	84
	(46.2)	(24.6)	(29.2)	(100.0)	(46.7)	(24.0)	(29.3)	(100.0)	(45.2)	(25.0)	(29.8)	(100.0)
Orissa	202	863	111	1176	223	947	143	1313	230	1033	170	1433
	(17.2)	(73.4)	(9.4)	(100.0)	(17.0)	(72.1)	(10.9)	(100.0)	(16.0)	(72.1)	(11.9)	(100.0)
Punjab	308	474	92	874	307	531	111	949	338	560	133	1031
	(35.3)	(54.2)	(10.5)	(100.0)	(32.3)	(56.0)	(11.7)	(100.0)	(32.8)	(54.3)	(12.9)	(100.0)
Rajasthan	374	1093	115	1532	415	1215	136	1766	457	1311	160	1928
	(23.6)	(69.1)	(7.3)	(100.0)	(23.5)	(68.8)	(7.7)	(100.0)	(23.7)	(68.0)	(8.3)	(100.0)
Sikkim	1	10	1	12	1	12	1	14	2	14	1	17
	(8.3)	(83.4)	(8.3)	(100.0)	(7.1)	(85.7)	(7.2)	(100.0)	(11.8)	(82.3)	(5.9)	(100.0)
Tamil Nadu	356	985	74	1415	375	1093	90	1553	394	1192	109	1695
	(25.2)	(69.6)	(5.2)	(100.0)	(24.1)	(70.1)	(5.8)	(100.0)	(23.3)	(70.3)	(6.4)	(100.0)
Tripura	23	21	13	57	34	23	15	72	40	27	17	84
	(40.4)	(36.8)	(22.8)	(100.0)	(47.2)	(32.0)	(20.8)	(100.0)	(47.6)	(32.2)	(20.2)	(100.0)
Uttar Pradesh	685	2519	273	3477	725	2774	319	3818	813	3011	369	4193
	(19.7)	(72.4)	(7.9)	(100.0)	(19.0)	(72.7)	(8.3)	(100.0)	(19.4)	(71.8)	(8.8)	(100.0)
West Bengal	329	1661	121	2111	407	1879	142	2428	439	2216	167	2822
	(15.6)	(78.7)	(5.7)	(100.0)	(16.7)	(77.4)	(5.9)	(100.0)	(15.6)	(78.5)	(5.9)	(100.0)
All	4443	17320	2491	24254	4912	19370	2973	27255	5297	21752	3531	30580
	(18.8)	(71.4)	(10.3)	(100.0)	(18.0)	(71.1)	(10.9)	(100.0)	(17.3)	(71.1)	(11.6)	(100.0)

Figures in brackets are percentages.

Source: Report on currency and finance 1981-82

Table 1. Summary of the results of the analysis of variance for the different parameters measured in the study.

Parameter	Source of Variation	Sum of Squares	D.F.	Mean Square	F-Value	P-Value
Temperature	Treatment	10.5	2	5.25	10.5	0.001
	Replication	0.5	2	0.25	0.5	0.6
pH	Treatment	0.8	2	0.4	0.8	0.4
	Replication	0.2	2	0.1	0.2	0.8
Dissolved Oxygen	Treatment	1.2	2	0.6	1.2	0.3
	Replication	0.3	2	0.15	0.3	0.7
Total Solids	Treatment	0.5	2	0.25	0.5	0.6
	Replication	0.2	2	0.1	0.2	0.8
Total Phosphorus	Treatment	0.1	2	0.05	0.1	0.9
	Replication	0.05	2	0.025	0.05	0.9
Total Nitrogen	Treatment	0.05	2	0.025	0.05	0.9
	Replication	0.02	2	0.01	0.02	0.9
Ammonia Nitrogen	Treatment	0.02	2	0.01	0.02	0.9
	Replication	0.01	2	0.005	0.01	0.9
Nitrate Nitrogen	Treatment	0.01	2	0.005	0.01	0.9
	Replication	0.005	2	0.0025	0.005	0.9
Nitrite Nitrogen	Treatment	0.005	2	0.0025	0.005	0.9
	Replication	0.002	2	0.001	0.002	0.9

65

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