



GOVERNMENT OF KERALA

**DISTRICT STATISTICAL
HAND BOOK**

ERNAKULAM

1971



**Government of Kerala
1974**

**ISSUED BY
BUREAU OF ECONOMICS AND STATISTICS
KERALA**

**PRINTED BY THE S. G. P. AT THE GOVERNMENT PRESS,
TRIVANDRUM, 1974.**

DES
LIBRARY

**DISTRICT STATISTICAL
HAND BOOK**

013-032

ERNAKULAM

1971

PREFACE

This is the 2nd in the series of the publications of the District Statistical Hand Books for Kerala being brought out by the Bureau of Economics and Statistics. The first series brought out relates to the year 1965-66. The present one relates to the year 1970-71.

The contents of this series follow the pattern recommended by the Central Statistical Organisation and differ with the first series to that extent. All the sectors of development have been covered as far as possible with 1970-71 data. Where this could not be obtained 1969-70 data are presented. Data for 1969-70 have also been presented wherever it is found useful. Data relating to 1965-66 (the last year of the 3rd plan) have also been presented to facilitate comparative studies.

The data presented in this series of publications were collected mostly from the head offices of the various Departments including the Bureau of Economics and Statistics. A number of tables were collected by the District Offices of this Department from the concerned offices. The Bureau is grateful for the kind co-operation extended by one and all in this regard.

The publication was prepared in the Publication Division of the Bureau of Economics and Statistics. The sincere efforts put in by the staff of this Division is greatly appreciated.

Suggestions for improvement are welcome.

(Sd.)

Director.

DISTRICT STATISTICAL HAND BOOK, 1971
DISTRICT—ERNAKULAM
CONTENTS

SECTION I. AREA, POPULATION AND HOUSING		PAGE No.
1.1	Area, Population and density of population	1961 .. 1
1.2	Do.	1971 .. 2
1.3	Growth of population	1901—1971 .. 3
1.4	Population by sex with Rural and Urban break up	1961 .. 4
1.5	Do.	1971 .. 5
1.6	Population by Age-Groups	1961 .. 6
1.7	Population by sex in different towns	1961 .. 7
1.8	Do.	1971 .. 8
1.9	Population of workers under various categories	1961 .. 9
1.10	Do.	1971 .. 10
1.11	Distribution of 1000 non-workers under various categories	1961 and 1971 .. 11
1.12 (a)	Population of scheduled caste and scheduled tribes	1961 .. 12
1.12 (b)	Do.	1971 .. 13
1.13 (a)	Population by religion	1961 .. 14
1.13 (b)	Do.	1971 .. 15
1.14	Population by marital status	1961 .. 16
1.15	Distribution of thousand house-holds according to tenure status	1961 .. 17
1.16	Distribution of thousand house-holds according to material of roof	1961 .. 18
1.17	Distribution of thousand house-holds according to number of rooms	1961 .. 19
1.18	Distribution of thousand house-holds according to material of wall	1961 .. 20
SECTION II. CLIMATE		
2.1	Temperature and Relative Humidity	1970 .. 21
2.2	Rainfall at Rain Recording Stations	1966 .. 22-23
2.3	Rainfall at Rain Recording Stations	1970 .. 24-25
2.4	Rainfall at Rain Recording Stations	1971 .. 26-27

SECTION III. VITAL AND PUBLIC HEALTH STATISTICS

3.1	Number of live births, deaths and still births by sex	1969	..	28
3.2	Number of deaths by various causes	1969	...	29
3.3	Medical facilities—Number of Hospitals, Dispensaries and Medical personnel	1970-71	..	30-31
3.4	Number of patients treated in Medical Institutions (indoor and outdoor)	1970-71	..	32-33
3.5	Persons sterilised according to age and sex	1969-70	..	34
3.6	Persons sterilised according to religion	1969-70	..	35

SECTION IV. EDUCATION

4.1	Taluk-wise number of Institution (School Education)	1970-71	..	36
4.2	Taluk-wise number of Institution (Higher Education)	1970-71	..	37-38
4.3	Number of Institutions (School Education)	1970-71	..	39
4.4	Number of Scholars (School Education)	1970-71	..	40-41
4.5	Number of Teachers do.	1970-71	..	42-45
4.6	Number of Institutions (Higher Education)	1969-70	..	46
4.7	Number of Scholars (Higher Education)	1970-71	..	47-49
4.8	Number of Teachers do.	1970-71	..	50-51
4.9	Growth of Literacy	1961-71	..	52
4.10	Libraries and Reading Rooms	1970-71	..	53-54
4.11	Cinema houses and talkies—Number, seating capacity and tax collected	1970-71	..	

SECTION V. AGRICULTURE

5.1	Distribution of area according to land utilisation (Area in Hectares)	1970-71	..	55
5.2	Area and yield of principal crops	1970-71	..	56
5.3	Area irrigated by different sources	1967-68	..	57
5.4	Estimated mean yield of dry paddy (Taluk-wise)	1970-71	..	58
5.5	Agricultural implements	1966	..	59

			PAGE No.
SECTION VI. LIVESTOCK STATISTICS			
6.1	Livestock population	1966	60
6.2	Number of Veterinary Hospitals dispensaries, Veterinarians Livestock treated in Veterinary Institutions	1969-70	61
6.3	Livestock slaughtered in Municipalities	1970	62
6.4	Livestock slaughtered in Panchayats	1970	63
SECTION VII. BANKS AND CO-OPERATIVE SOCIETIES			
7.1	Number of Commercial Banks registered in the District	1969-70	64
7.2	Co-operative Societies (Non Industrial) Number and Membership	1969-70	65
7.3	Co-operative Societies in the District (Non-Industrial) (Financial statement)	1969-70	66-69
7.4	Coir Co-operative Societies	1969-70	70-71
7.5	Handloom Weaver's Co-operative Societies	1969-70	72
SECTION VIII. INDUSTRIAL STATISTICS			
8.1	Distribution of working factories (Registered)	1969	73-74
SECTION IX. LABOUR STATISTICS			
9.1	Average daily number of workers employed in registered factories	1969	75-76
9.2	Employment in plantation	1969-70	77
9.3	A. Factory: Employment—Industrial Disputes	1970	78
9.4	A. Factory: Employment—Agricultural wages (daily average)	1970-71	79
9.5	B. Employment Exchange Statistics: Number of Applicants on the Live Register by main occupational Groups (Category-wise)	1970-71	80
9.6	Registration and placements effected by Employment Exchange	1970-71	81

SECTION X PRICE STATISTICS

10.1	Wholesale Price of Important Commodities at Important Centres	1971	82-87
10.2	Consumer Price Indices for working Class for the Centres in the District	1971	88

SECTION XI TRANSPORT AND COMMUNICATION

11.1	Length of Metalled and Non-Metalled roads	1969-70	89
11.2	Number of Registered Motor Vehicles on road	1970-71	90
11.3	Posts and Telegraph Offices and Radio Licenses	1970-71	91
11.4	Length of Railways (in Kilometres)	1969-70	92
11.5	Working of State Transport Corporation	1970-71	93
11.6	Number of Accidents on Road, Persons Killed, injured	1970-71	94

SECTION XII JUDICIAL AND ADMINISTRATIVE STATISTICS

12.1	Police Stations and outposts	1970	95
12.2	Strength of police force in the District by categories	1969	96
12.3	Serious Crimes	1970	97
12.4	Property Stolen and Recovered	1970	98

SECTION XIII LOCAL ROADS

13.1	Population, Income and Expenditure of Municipalities	1969-70	99-100
13.2	Income and expenditure of Panchayats	1970-71	101
13.3	Panchayats, Villages and Population	1971	102-105

SECTION XIV FORESTS

14.1	Area of Reserved Forests and Reserved Lands	1969-70	106
14.2	Out-turn of Major Forests Produce	1970-71	107

SECTION XV POWER

15.1	Consumers of Electricity	1970-71	108
15.2	Consumption of Electricity	1970-71	109

			PAGE
SECTION XVI COMMUNITY DEVELOPMENT PROGRAMME			
16.1	General Details of C. D. Blocks	1970-71 ..	110
16.2	Actual Expenditure and Budget Provision of Blocks	1970-71 ..	111
SECTION XVII REGISTRATION			
17.1	Registration of Documents	1970-71 ..	112
17.2	Documents Registered and Value	1970-71 ..	113
SECTION XVIII EXCISE			
18.1	Talukwise Liquor shops	1970-71 ..	114
18.2	Talukwise rentals obtained in Auction sale of Abkari Shops	1970-71 ..	115
18.3	Tree tapped and tree tax collected	1970-71 ..	116
18.4	License fee on foreign liquors, wine etc.	1970-71 ..	117
SECTION XIX SALES TAX			
19.1	Registered dealers	1969-70 ..	118
19.2	Classification of assessment according to Grade of turnover assessed to Sales Tax	1969-70 ..	119
19.3	Analysis of Revenue under General Sales Tax	1969-70 ..	120
19.4	Demand, Collection, Remission and Balance under General Sales Tax	1969-70 ..	120
19.5	Demand, Collection, Remission and Balance under Central Sales Tax	1969-70 ..	121
19.6	Arrears under Sales tax pending collection (General Sales Tax, Surcharge and Central Sales Tax)	1969-70 ..	121
19.7	Stages of arrears under Sales tax, (General Sales tax, Surcharge and Central Sales tax pending)	1969-70 ..	122
SECTION XX AGRICULTURAL INCOME TAX			
20.1	Classification of persons assessed to Agricultural Income Tax	1969-70 ..	123
20.2	Number of assessees according to selected Grade of Income	1969-70 ..	124-125

		PAGE
20.3	Total Agricultural Income Tax demanded according to selected grades of Income and classes of assessec	1969-70 . 126-127
20.4	Analysis of Agricultural Income Tax Revenue	1969-70 .. 128
20.5	Demand collection remission and balance under Agricultural Income tax (Including Surcharge)	1969-70 .. 128
20.6	Total Agricultural income tax and supertax demanded on different agriculture produce	1969-70 .. 129
20.7	Stages of arrears under Agricultural Income tax	1969-70 .. 130
SECTION XXI LAND REVENUE		
21.1	Demand, collection and balance of various Land Taxes (Amount in Rupees)	1970-71 .. 131
SECTION XXII MISCELLANEOUS		
22.1	Loan sanctioned, amount disbursed by the Kerala Financial Corporation	1970-71 .. 132
22.2	Small Saving collection in the District	1970-71 .. 133
22.3	List of Markets and Important Commodities Marketed	1970-71 .. 134-136

ERNAKULAM DISTRICT

The District is known after the name of its headquarters town of Ernakulam. There are a number of popular stories about the origin of this name. One story is that the name is a corrupt form of the name of a tank called "Rishinagakulam" around which this town grew. This tank was used by one Devalan, a Nagarshi to worship and propitiate Lord Siva to attain Moksha. A more probable story is that the name is derived from the words "Irainarkulam" (Place of Lord Siva). Ernakulam was also known as "Panchabjapuram" (city of the five lotus flowers). The inscriptions on the Deepastambam and metal vessels of the Thirumala Devasom bear testimony to this.

Ernakulam district is located between latitudes $9^{\circ} 42' 30''$ and $10^{\circ} 18' 00''$ N. and longitudes $76^{\circ} 9' 30''$ and $77^{\circ} 2' 00''$ E. It is bounded on the north by Trichur District, on the east by Kottayam district on the south by Kottayam and Alleppey districts. The Arabian Sea lies all along the western boundary. It is 78 k. m. across along east to west and 52 k. m. across along north to south at the farthest points. The area of the district is 3271 Sq.k.m. This area is distributed among the Taluks as follows:

	Area in Sq k.m.	Population (In lakhs)
Parur	191.60	2.81
Alwaye	326.26	3.02
Kunnathunad	677.70	2.92
Kanayannur	322.72	4.99
Cochin	140.83	3.97
Muvattupuzha	670.90	3.70
Thodupuzha	1020.92	2.42
District	3271.00	23.83

This district was formed in 1958 (1st April), portions of the old Trichur and also Kottayam districts were pieced together to form the new district. The taluks thus separated out from Trichur were Alwaye, Parur, Kunnathunad, Kanayannur and Cochin and those from Kottayam were Muvattupuzha and Thodupuzha.

There are two administrative subdivisions, one for the eastern portions with its headquarters at Muvattupuzha and the other at Fort Cochin. There are seven taluks each again divided into furkas and villages

The following Table gives the number of sub division, villages, Panchayats etc. in the division.

Number of subdivision	Name of Taluk	No. of Panchayats
2	Alwaye	14
	Parur	11
	Cochin	9
	Kanayannoor	16
	Kunnathunad	12
	Muvattupuzha	24
	Thodupuzha	15
District		101

For developmental purposes the district is divided into 17 blocks. The area, population and the number of Panchayats under each block are given below:

Name of Block	Area in hect.	Population	No. of Panchayats	No. of villages
Ankamaly	16576	162264	8	9
Muvattupuzha	21164	112259	8	9
Thodupuzha	5557	90184	7	7
Pampakuda	20527	117822	8	9
Alangad	6249	111448	4	4
Parur	7332	112783	5	4
Palluruthy	5557	44514	3	4
Kothamangalam	23793	118316	7	7
Koovapady	16446	104159	5	6
Vypeen	8683	154659	7	7
Elamdesam	77700	151391	8	9
Mulamthuruthy	13598	132667	6	12
Parakadavu	9582	96516	5	4
Vadavukodu	18594	104828	6	6
Vytila	4635	41453	3	3
Vazhakulam	13074	113990	5	4
Edapally	8876	83374	6	6

The District may be divided into three well defined natural divisions commonly found in the State namely, the high land, midland and the low land. The high lands occur to the east and consists of a section of the western ghats, with an altitude of more than 1000'. To the west of this hilly high altitude regions stretches in gentler slope the plains dotted with home steads. The backwaters occur along the fringes of this plain to the west.

Between the backwaters and the sea is a narrow long stretch of sandy area. It is low and is generally swampy. During the monsoon this area is liable to be flooded. The sea coast is 50 k.m. long.

The following table gives the area under each natural divisions.

Natural division	Area (in Sq. miles)	% to total area
Highland	386.9	30
Midland	679.6	53
Low land	223.0	17
	<u>1289.5</u>	<u>100</u>

Periyar and Muvattupuzha are the important rivers of this District. Periyar flows through all the taluks of the district except Cochin.

Peyriar is the second longest river in the State. It is 142 miles long. The river is navigable upto Malayattur and even upto Boothathankettu during the hot seasons.

Muvattupuzha river is formed by the confluence of the rivers namely, Kalliar and Kothamangalam. It is 75 miles long.

There are mainly 3 canals in the district. One is 7 miles long and flows between Cheranallur and Edapally. Another is 8 k.m. long and form the boundary between Elamkulam and Ernakulam.

A portion of the Vembanad lake falls within Cochin Taluk and is used for navigation and fishing. Two other backwaters are the Kodungalloor Kayal and Verapuzha Kayal.

The main crops occurring in the high lands are Teak plantations and Rubber. Fodder grass and essential oil yielding grasses, Bamboos and Cardamom are also grown here.

Coconut is the main perennial crop in the midland. Paddy, plantain, tapioca, sugarcane, pepper, pulses, etc. are the other main crops. In the low land region, coconut plantations are grown.

The average annual rain fall is around 3400 m.m. Rainfall increases from the coast towards the interior. Rains are brought both by the south west monsoon and north east monsoons. Nearly 80% of the rain occur during the south west monsoon period from June to September. June and July are the Rainiest month accounting for about 45% of the annual rainfall. The variation in rainfall from year to year is not large. On an average there are about 140 rainy days in the year.

The hot season beigns from February, March and April are the hottest months. During this period, the average daily temperature (maximum) is around 31°C., and the minimum temperature is about 26°C. in the coastal region which increase slightly towards the interior. During the Southwest

monsoon period from May to September the temperature is lower. During the post monsoon periods including the North east monsoon periods, the heat is as hot as in summer.

The atmosphere is humid throughout the year, the relative humidity being generally over 70%. Towards the interior, this is slightly less.

The population of the district is 23.83 lakhs according to the 1971 census. The density of population is 729 persons per sq. k. m. Compared to 549 for the State. The densest taluk is Cochin with 2318 persons per sq. k. m. Kanayannur and Parur follows behind with only 1546 and 1467 respectively. The densities in the other taluks are far less, the lowest being in Thodupuzha Taluk with only 237 persons per sq. k. m.

Males outnumber females in this district. There are only 983 females per 1000 Males. This phenomenon is noticed in all the taluks except in Parur where near parity in numbers is noticed between the sexes. In Thodupuzha taluk there are only 939 female for 1000 males. In rural areas, the number of females is 994 per 1000 males, but in the urban area it is only 955.

The population of the district increased by 27.70% during the decade ending with 1971. This is in all time high for the last 7 decades, the nearest increase to this being for the decade ending with 1931 (26.63%).

About 72% of the population live in rural areas and only about 28% are town dwellers. The largest percentage of urban population is found in Cochin and the smallest in Kunnathunad Taluk.

The largest and most populous city is Cochin Corporation.

Nearly 46% of the population are Hindus followed by X'ian with about 42%. 12% are Muslims. There are Buddhist, Jains and Sikhs in the population but they are small in numbers. About 8% of the population are Scheduled Caste. They are distributed all over the district. The population of Scheduled Tribes is only 11648 of which more than 90% are found in Thodupuzha Taluk.

The literacy percentage is 65 according to the 1971 census against a state average of 60. The percentage increase for the decade ending with 1971 was 15%. This compares favourably with that for the State.

There were 1018 institutions for school educations and 34 for professional educations during 70-71 with 274717 students. The number of Colleges for higher education was 24. This includes two for teachers training each for engineering, Law Ayurveda, and Homoeo medicine. 26531 students were studying in these institutions during the period. This include 306 students studying in the various University Teaching Departments.

The number of Government Hospitals (modern medicine) was 18 and the number of dispensaries 54 (including primary health centres) during 70-71. 86 other institutions were also functioning during the period. There were 2320 beds provided for in-patients. 1.50 lakhs in-patients were treated. The number of out-patients treated was 32.34 lakhs.

There were 8 Government Ayurveda hospitals functioning in 70-71 with a bed strength of 104. There were also 28 Government dispensaries and 27 other institutions.

The District is served by a good system of roads. The railways pass along the western portions of the district. The water ways are also confined to these portions. The district is connected by air through the air port at Cochin. The Cochin port is situated at Ernakulam in this District. It is one of the most important ports on the western coast of India.

Before the advent of wheeled traffic, inland traffic was almost exclusively carried out by means of back waters and rivers. During the period from 1840-1879 this system of inland water transport was much improved.

The district has a network of roads and village roads. In 1967-68, the total length of roads in the district was 2948 k. m. (excluding road maintained by Panchayats & K. S. E. Board).

There were 581 buses registered in the district during 1970-71, the number of registered taxi cars was 1657 and private cars 6168. 2231 goods vehicles (lorries) were also registered during the period.

The state road transport Department operated 127 routes during 1970-71 covering a distance of 6297 k. m. The role of private transport is even more important.

There was 41 kms. of broad gauge lines and 29 k. ms of metre gauge lines in the district. The broad gauge portions forms the Cochin Shornur line and the metre gauge line of the Ernakulam Quilon line. The former line was opened in 1902 and the latter in 1956.

A large portion of the area is under forest (18%). However it is much below the State figure. The net area sown was 2.19 lakhs hect. which is nearly 69% of the area. The area sown more than once in 70-71 was 58365 Hect. bringing the total cropped area to 2.77 lakh hect.

Paddy was grown in 93691 hectares producing 1.29 lakhs tons of rice in 1970-71. Tapioca was grown in 14500 hect. producing 2.23 lakh tons of tubers. The most important perennial crop is coconut. It was cultivated in 64687 hect. in 1970-71 and the production was 379 M. nuts. Pepper, ginger and cardamom were cultivated in 7940, 1159 and 1042 hect. respectively. Betal nut was grown in 9223 hect., cashew in 6618 hect. and Mangoes in 5914 hect. Rubber is the most important plantation crop in the district covering an area of 26459 hect in 1970-71. Coffee & tea are only sparsely grown in this District.

The total livestock population was 5.06 lakhs in 1966. The corresponding figure for 61 was 5.16 lakhs. The poultry population increased to 1.31 lakhs in 1966 from 1.25 lakhs in 1961.

The number of veterinary institution in the district was 33 during 1969-70 including 9 hospitals. 1.32 lakhs animals were treated in these institutions.

There were 423 factories registered in the District oil mills, saw mills, printing and binding factories metal industries etc., lead in numbers. A number of large industrial concerns are located in this region. The fertilisers & chemicals the premier tyres, the shipyard at Cochin, Hindustan Machine tools, oil refinery, Travancore Cochin chemicals, Indian aluminium Company, Tata oil mills, Travancore Rayons, Indian Rare Earths Glass Factory, Hindustan Insecticides etc. are among them. In fact the most important industrial belt of the state is located in Ernakulam. Alwaye Kalamassery belt in this District. The average daily number of workers engaged is about 26585.

The plantation industry especially rubber plantations is an important one. The average daily number of persons employed in the plantation industry is 0.14 lakhs in 1969-70.

The power requirements of the District are at present met from peringalkuthu and Sengulam Hydro Electric Projects. Alwaye is the most power Consuming Centre. The Idukki hydro electric project, the biggest of its kind in the State lies in Ernakulam District Designed for an installed capacity of 8 lakh K. W. with five generating sets, it will also provide Irrigation benefits to the area of 50000 hect. in Thodupuzha, Meenachil and Vaikom Taluks.

The number of Consumers of electricity is about 70000. Almost all the villages have been electrified. About 20000 street lights alone was provided in 1971.

There were 3 Banks registered in the District in 70-71 with a paid up capital of 12.02 lakh Rs. The number of Co-operative Societies (non industrial) was 530 with a membership of 2.72 lakhs. Ag. credit Societies led in numbers with 217 of them in 1969. There were 87 non ag. non credit Societies and 86 credit Societies. There were also 32 Coir Co-operative Societies, with a membership of 9161 in 1968-1969.

357 post offices were in position during 1970-1971. There were also 85 telegraph offices. The number of telephone exchanges was 27, the number of trunk call offices 14 and local call offices 100 providing facilities for 8422 telephone connections. The number of radio licenses issued was 40773 during the period.

The important towns in the district are the Cochin Corporaion, the Alwaye Parur, Parumbavoor & Muvattupuzha Municipalities.

The Cochin Corporation is one of the three Corporations in the State. It comprises of the earlier three municipalities of Ernakulam, Mattanherry & Fort Cochin. The Cochin port is also located here.

Alwaye is a small municipality. A large industrial belt lies near this town. The Periyar flows by the side of this town. Perumbavoor, Parur and Muvattupuzha also are small towns which are the taluk Head quarters of Kunnathunad, Parur and Muvattupuzha taluks respectively.

I. AREA, POPULATION AND HOUSING

This section mainly deals with the area, population and housing, their distribution and characteristics according to 1961 Census. Wherever possible the data from 1971 census have also been included. All the important aspects such as density of population, growth of population, sex ratio, religion, rural urban break up, population by age groups, distribution of households according to tenure, materials of roof, number of rooms material of wall etc. have been dealt with in this section.

Table 1.1

AREA, POPULATION AND DENSITY OF POPULATION (1961)

Sl. No.	Taluk/District	Area * Sq. k. m.	Population 1961	Density per Sq.k.m.	Sex Ratio (Female per 1000 Males)
1	2	3	4	5	6
1	Alwaye	326.26	226545	694	1003
2	Cochin	140.83	313977	2229	979
3	Kanayannur	322.72	379951	1177	989
4	Kunnathunad	677.70	229282	338	1012
5	Muvattupuzha	659.49	301623	458	1002
6	Parur	191.60	221183	1154	1022
7	Thodupuzha	1020.92	187352	183	982
	DISTRICT	3339.62	1859913	557	997

* Area furnished by Director of Survey and Land Records.
Source: Superintendent of Census Operations, Kerala.

Table 1.2

AREA, POPULATION AND DENSITY OF POPULATION

(1971 Census)

Sl. No.	Taluk/District	Area Sq. Km.	Population 1971	Density per Sq. Km.	Sex Ratio (Female per 1000 Males)
1	2	3	4	5	6
1	Alwaye	326.26	302176	926	993
2	Cochin	140.83	396849	2818	979
3	Kanayannur	322.72	498884	1546	979
4	Kunnathunad	677.70	292113	431	987
5	Muvattupuzha	670.90	370534	552	994
6	Parur	191.60	281047	1467	1002
7	Thodupuzha	1020.92	241575	237	939
	DISTRICT	3271.00	2383178	729	983
	STATE	38864.0	21347375	549	1016

Source: Director of Census Operations, Kerala.

Table No. 1.3
GROWTH OF POPULATION 1901-1971

Sl. No.	Census Year (As on 1st March)	Persons	Males	Females	Decade variation	Percentage decade variation
1	2	3	4	5	6	7
1	1901	669135	3397097	332038	.	..
2	1911	762953	383785	379168	93818	14.02
3	1921	833849	424158	409691	70896	9.29
4	1931	1055941	530954	524987	222092	26.63
5	1941	1276323	640997	635326	220382	20.87
6	1951	1530143	763805	766338	253820	19.89
7	1961	1859913	931248	928665	329770	21.55
8	1971	2383178	1201946	1181232	523265	27.69

Source: Director of Census Operations, Kerala

Table No. 1.4
POPULATION BY SEX WITH RURAL AND URBAN BREAKUPS—(1961 CENSUS)

Sl. No.	Taluk/District	Male Population			Female Population			Sex Ratio										
		Rural	Urban	Total	Rural	Urban	Total	Rural	Urban									
								3	4	5	6	7	8	9	10			
1	2																	
1	Alwaye	101949	11129	113078	103733	9734	113467	1017	875									
2	Cochin	82555	76082	158637	85552	69788	155340	1036	917									
3	Kanayannur	108538	82522	191060	109339	79552	188891	1007	964									
4	Kunnathunad	105578	8353	113931	107557	7794	115351	1019	933									
5	Muvattupuzha	135527	15104	150631	136592	14400	150992	1008	953									
6	Parur	99260	10136	109396	101071	10716	111787	1018	1057									
7	Thodupuzha	94515	..	94515	92837	..	92837	982	..									
	DISTRICT	727922	203326	931248	736681	191984	928665	1012	944									

Source: Superintendent of Census Operations, Kerala

Table No. 1.4
POPULATION BY SEX WITH RURAL AND URBAN BREAKUPS—(1961 CENSUS)

Sl. No.	Taluk/District	Male Population			Female Population			Sex Ratio	
		Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7	8	9	10
1	Always	101949	11129	113078	103733	9734	113467	1017	875
2	Cochin	82555	76082	158637	85552	69788	155340	1036	917
3	Kanayannur	108538	82522	191060	109339	79552	188891	1007	964
4	Kunmathunad	105578	8353	113931	107557	7794	115351	1019	933
5	Muvattupuzha	135527	15104	150631	136592	14400	150992	1008	953
6	Parur	99260	10136	109396	101071	10716	111787	1018	1057
7	Thodupuzha	94515	..	94515	92837	..	92837	982	..
	District	727922	203326	931248	736681	191984	928665	1012	944

Source: Superintendent of Census Operations, Kerala

Table 1.5
POPULATION BY SEX WITH RURAL AND URBAN BREAKUPS (1971 Census)

Sl. No.	Taluk/District	Male Population			Female Population			Sex Ratio	
		Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7	8	9	10
1.	Alwaye	132729	18894	151623	132448	18105	150553	998	958
2.	Cochin	79122	121401	200523	81451	114875	196326	1029	946
3.	Kanayannur	115701	136371	252072	115125	131687	246812	995	966
4.	Kunnathunad	136213	10755	146968	135012	10133	145145	991	942
5.	Muvattupuzha	171131	14667	185798	170732	14094	184736	998	955
6.	Parur	117258	23150	140408	118671	21968	140639	1012	949
7.	Thodupuzha	113714	10840	124554	106981	10040	117021	941	926
	District	865868	336078	1201946	860420	320812	1181232	994	955
	State	8852350	1735501	10587851	9028376	1730948	10759524	1020	997

Source: Census Reports

Table 1.6
POPULATION BY AGE GROUPS (1961 CENSUS)

Age/Age-group	Total		Rural		Urban	
	Percentage of males to total males	Percentage of females to total females	Percentage of males to total males	Percentage of females to total females	Percentage of males to total males	Percentage of females to total females
1	2	3	4	5	6	7
Under 1 year						
1 year						
2 years	15.27	14.90	30.84	29.40	27.65	28.28
3 "						
4 "						
5-9						
10-14	14.87	14.27				
15-19	12.85	12.73	13.14	12.87	11.86	12.24
20-24	8.02	8.41	7.80	8.36	8.81	8.59
25-29	8.48	8.91	8.21	8.65	9.49	9.17
30-34	7.39	7.95	7.08	7.79	8.51	8.54
35-39	6.37	6.29	6.13	6.26	7.29	6.77
40-44	6.30	5.99	6.12	5.93	6.98	6.20
45-49	4.50	4.15	4.38	4.09	4.93	4.38
50-54	4.38	4.19	4.34	4.20	4.54	4.17
55-59	3.23	3.20	3.23	3.18	3.20	3.28
60-64	2.63	2.76	2.67	2.81	2.31	2.60
65-69	2.11	2.25	2.20	2.35	1.77	2.24
70 & above	1.45	1.57	1.55	1.62	1.08	1.35
Age not stated	2.12	2.40	2.27	2.46	1.57	2.19
All ages	0.03	0.03	0.04	0.03	0.01	0.00
	100.00	100.00	100.00	100.00	100.00	100.00

Source: Superintendent of Census operations

Table 1.7

POPULATION BY SEX IN DIFFERENT TOWNS(1961 CENSUS)

Sl. No.	Name of Town	Area(in Sq. K. Ms.)	Population		
			Male	Female	Total
(1)	(2)	(3)	(4)	(5)	(6)
1	Alwaye (M)	7.17	11129	9734	20863
2	Edappalli (NM)	16.58	15244	15133	30377
3	Ernakulam (M)	28.18	60271	56982	117253
4	Fort Cochin (M)	2.80	17488	17588	35076
5	Mattanchery (M)	6.97	42671	41225	83896
6	Muvattupuzha (M)	19.76	11837	11063	22900
7	Njarakkal (NM)	8.60	7702	8075	15777
8	Parur (M)	8.62	10136	10716	20852
9	Perumbavoor (M)	11.50	8353	7794	16147
10	Piravam (NM)	8.26	3267	3337	6604
11	Thripunithura (NM)	9.63	7007	7437	14444
12	Wellington Island (NM)	10.67	8221	2900	11121

Source: Superintendent of Census Operations Kerala

Table 1.8

POPULATION BY SEX IN DIFFERENT TOWNS (1971 CENSUS)

Sl. No.	Name of Town	Area (in Sq. k. ms.)	Population		
			Male	Female	Total
(1)	(2)	(3)	(4)	(5)	(6)
1	Cochin	(C)	224992	214074	439066
2	Tripunithura	(NM)	13825	14265	28090
3	Parur	(M)	11958	12435	24393
4	Alwaye	(M)	12463	11604	24067
5	Muvattupuzha	(M)	11396	10741	22137
6	Perumbavoor	(M)	10755	10133	20888
7	Thodupuzha	(NM)	10840	10040	20880
8	Eloor	(NM)	11192	9533	20725
9	Njarakkal	(NM)	9450	9771	19221
10	Kalamasseri	(NM)	9505	8452	17957
11	Angamali	(NM)	6431	6501	12932
12	Kothamangalam	(NM)	3271	3263	6534

Source: Census Reports

C: Corporation

M—Municipality

NM—NonMunicipal Towns

Table 1.9

POPULATION OF WORKERS UNDER VARIOUS CATEGORIES (1961 CENSUS)

Sl. No.	Industrial category	Persons		Male		Female	
		No.	Percentage	No.	Percentage	No.	Percentage
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Total workers of cultivators	126789	20.54	89910	20.53	36879	20.56
2	As Agricultural labourers	86773	14.06	39932	9.12	46841	26.11
3	In quarrying, livestock forestry, fishing and hunting	39325	6.37	35586	8.13	3739	2.08
4	At household industry	48425	7.84	20539	4.69	27886	15.55
5	In manufacture other than household industry	68831	11.15	56213	12.84	12618	7.03
6	In construction	11050	1.79	10584	2.42	466	0.26
7	In Trade and Commerce	39483	6.40	36699	8.38	2784	1.55
8	In Transport, storage and communication	28751	4.66	27563	6.29	1188	0.66
9	Other services	167856	27.19	120876	27.60	46980	26.20
	District	6,17,283	100.00	437902	100.00	179381	100.00

Source: Superintendent of Census Operations, Kerala

Table No. 1.10

POPULATION OF WORKERS UNDER VARIOUS CATEGORIES (1971 CENSUS)

Sl. No.	Industrial Category	Persons		Male		Female	
		No.	Per-centage	No.	Per-centage	No.	Per-centage
1	2	3	4	5	6	7	8
1	Total Workers as	100547	14.63	96101	17.72	4446	3.07
2	Cultivators						
2	As Agricultural	152759	22.23	90468	16.68	62291	42.98
3	Labourers						
3	Live stock forestry,	39420	0.66	36306	0.76	3114	0.31
	fishing, Plantations,						
	Orchards and allied						
	activities						
4	Mining and quarrying	4566	5.74	4108	6.69	458	2.15
5	Manufacturing, Proce-						
	ssing, Servicing and						
	repairs						
	(a) Household	26639	3.88	15057	2.78	11582	7.99
	Industry						
	(b) Other than	107490	15.64	88870	16.39	18620	12.85
	household						
	Industry						
6	Construction.	25300	3.68	24138	4.45	1152	0.79
7	Trade and commerce	71710	10.43	67497	12.45	4213	2.91
8	Transport, storage and	46405	6.75	43665	8.05	2740	1.89
	communication						
9	Other Services	112417	16.36	76093	14.03	36324	25.06
10	Total workers	687253	100.00	542313	100.00	144940	100.00
11	Non Workers	1695925	..	659633	..	1036292	..

Source: Census Reports.

Table No. 1 11

DISTRIBUTION OF 1000 NON-WORKERS UNDER VARIOUS CATEGORIES 1961 (CENSUS)

Sl. No.	Activity	Total		
		Persons	Male	Female
1	2	3	4	5
1	Full time students	321	439	243
2	Household duties	236	..	391
3	Dependents, infants and disabled	413	506	353
4	Retired, rentier and independent means	8	14	4
5	Beggars, Vagrants etc.	4	6	3
6	Inmates of peral, mental and charitable Institutions.	N	N	N
7	Persons seeking employment not for the first time.	14	27	6
8	Persons employed before, but now out of employment and seeking work	4	8	N
9	Total non-working population	1000	1000	1000

Source: Superintendent of census operations, Kerala;
N. Negligible

— Nil.

Table No. 1.12 (a)

POPULATION OF SCHEDULED CASTE AND SCHEDULED TRIBES (1961 CENSUS)

Sl. No.	Taluk/District	Scheduled Castes			Scheduled Tribes		
		Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8
1	Alwaye	20385	10128	10257	8	3	5
2	Cochin	19151	9492	9659	446	203	243
3	Kanayannur	35433	17711	17722	85	38	47
4	Kunnathunad	26216	12946	13270	7	5	2
5	Muvattupuzha	20438	10196	10242	157	79	78
6	Parur	21469	10624	10845	31	18	13
7	Thodupuzha	7532	3765	3767	9296	4758	4538
8	District	150624	74682	75762	10030	5104	4926

Source: Superintendent of census operation, Kerala.

Table No. 1.12 (b)
POPULATION OF SCHEDULED CASTES AND SCHEDULED TRIBES (1971 CENSUS)

Sl. No.	Taluk/District	Scheduled Castes			Scheduled Tribes		
		Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8
1	Alwaye	26519	13322	13197	79	70	9
2	Cochin	25053	12397	12656	47	27	20
3	Kanayannur	43763	22042	21721	196	129	67
4	Kunnathunad	33408	16615	16793	40	19	21
5	Muvattupuzha	26213	13133	13080	157	82	75
6	Parur	27016	13471	13545	23	13	10
7	Theodupuzha	11079	5676	5403	11106	5721	5385
	District	193051	96656	96395	11648	6061	5587
	STATE	1772168	880926	891242	269356	134996	134360

Source: Census Reports.

Table No. 1.13 (a)

POPULATION BY RELIGION (1961 CENSUS)

Sl. No.	Religion	Number			Percentage distribution		
		Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7	8
1	Buddhists	143	2	141	0.01	—	0.04
2	Christians	792458	647219	145219	42.61	44.19	36.74
3	Hindus	854896	674228	180668	45.97	46.04	45.70
4	Jains	993	66	927	0.05	—	0.23
5	Jews	—	—	—	—	—	—
6	Muslims	210040	142652	67388	11.29	9.74	17.05
7	Sikhs	692	218	474	0.04	0.02	0.12
8	Zoroastrians	449	35	414	0.02	—	0.10
9	Religion not stated	242	183	59	0.01	0.01	0.02
10	All Religion	18,59,913	14,64,603	3,95,310	100.00	100.00	100.00

Source: Superintendent of Census Operations, Kerala.

— Nil.

Table No. 1.13 (b)

POPULATION BY RELIGION (1971 CENSUS)

Sl. No.	Religion	Number			Percentage distribution		
		Total	Rural	Urban	Total	Rural	Urban
		3	4	5	6	7	8
1	2	3	4	5	6	7	8
1	Buddhists	310	16	294	0.01	N	0.04
2	Christians	989962	745677	244285	41.54	43.20	37.19
3	Hindus	1096374	796905	299469	46.01	46.16	45.59
4	Jains	1225	—	1225	0.05	—	0.19
5	Muslims	293956	183371	110585	12.33	10.62	16.84
6	Sikhs	882	201	681	0.04	0.01	0.10
7	Other religions and persuasions	132	9	123	0.01	N	0.02
8	Religion not stated	337	109	228	0.01	0.01	0.03
9	All religion	2383178	1726288	656890	100.00	100.00	100.00

Source : Census Reports.

— Nil.

N—Negligible.

Table No. 1.14

POPULATION BY MARITAL STATUS (1961 CENSUS)

Sl. No.	Marital status	District			State		
		Total	Male	Female	Total	Male	Female
		3	4	5	6	7	8
1	Never married	1072052	578217	493835	9579030	5218710	4360320
2	Married	664001	329782	334219	6058305	2942912	3115393
3	Widowed	105869	19023	86846	1000419	143041	857378
4	Divorced or separated	17830	4131	13699	260723	54566	206157
5	Unspecified status	161	95	66	5238	2698	2540
6	Total	1859913	931248	928665	16903715	8361927	8541788

Source: Superintendent of Census Operations, Kerala.

Table No. 1.15

DISTRIBUTION OF THOUSAND HOUSEHOLDS ACCORDING TO TENURE STATUS (1961 CENSUS)

Sl. No.	Taluk/District	Total		Rural		Urban	
		Owned	Rented	Owned	Rented	Owned	Rented
1	2	3	4	5	6	7	8
1	Alwaye	926	74	958	42	607	393
2	Cochin	780	220	960	40	536	464
3	Kanayannur	871	129	958	42	741	259
4	Kunnathunad	969	31	985	15	742	258
5	Muvattupuzha	951	49	965	35	809	191
6	Parur	877	123	879	121	862	138
7	Thodupuzha	890	110	890	110	..	..
	District	892	108	944	56	675	325

Source : Superintendent of Census Operations, Kerala.

Table No. 1.16
DISTRIBUTION OF THOUSAND HOUSEHOLDS ACCORDING TO MATERIAL OF ROOF (1961 CENSUS)

Sl. No.	Material of Roof	District		Taluk														
		District		Always		Cochin		Kanayannur		Kunnamthunad		Muvattupuzha		Parur		Thodupuzha		
		Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
1	Grass, leaves, reeds thatchwood and bamboo	736	485	625	375	827	498	742	465	694	376	720	509	827	740	748	—	—
2	Tiles, Slate & shingle	263	505	375	605	172	497	257	523	306	618	280	489	172	254	250	—	—
3	Corrugated Iron, zinc or other Metal sheets	N	1	—	—	N	N	N	1	—	—	—	—	—	—	—	1	—
4	Asbestos cement sheets	N	1	N	—	N	1	N	1	—	2	—	1	N	—	1	—	—
5	Concrete and stone slates	1	7	N	20	1	4	1	10	—	4	N	1	1	6	N	—	—

Source: Superintendent of Census Operations, Kerala.

—Nil.

N—Negligible.

Table 1.17

DISTRIBUTION OF THOUSAND HOUSEHOLDS ACCORDING TO NUMBER OF ROOMS (1961 CENSUS)

Sl. No.	Taluk/Districts	No regular room	One room	Two rooms	Three rooms	Four rooms	Five or more rooms
1	2	3	4	5	6	7	8
1	Alwaye	10	369	331	159	63	68
2	Cochin	2	234	397	195	87	85
3	Kanayannur	9	321	342	165	76	87
4	Kunnathumad	16	344	337	176	75	52
5	Muvattupuzha	52	333	270	185	91	69
6	Parur	10	266	379	183	79	83
7	Thodupuzha	25	358	304	160	85	68
	Total	18	315	337	176	80	74

Source: Superintendent of Census Operations, Kerala.

Table 1.18
DISTRIBUTION OF THOUSAND HOUSEHOLDS ACCORDING TO MATERIAL OF WALL (CENSUS 1961)

Sl No	Material of wall	Taluk																	
		District		Always	Cochin	Kannayannur	Kunnathunad	Muvattupuzha	Parur	Thodupuzha									
		Rural	Urban	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
1	Grass, leaves, reeds and bamboo	206	185	68	109	408	206	255	199	72	40	137	82	312	287	269			
2	Timber	19	99	3	35	32	152	29	96	4	29	7	28	6	9	60			
3	Sand	84	144	38	34	9	N	82	8	130	70	143	5	47	97	97			
4	Unburnt bricks	19	N	14	—	—	—	18	—	5	2	3	—	35	—	65			
5	Burnt bricks	96	33	172	8	173	206	52	53	25	—	17	—	203	28	89			
6	Stone	576	668	705	813	378	616	564	643	764	859	693	885	397	579	420			
7	Cement concrete	N	N	—	1	—	N	—	1	N	—	—	—	N	—	—			
8	All other materials	N	N	—	—	—	—	—	—	—	—	N	—	—	—	—			

Source: Superintendent of Census Operations, Kerala.
 N=Negligible.
 U=Urban.
 R=Rural.
 —=Nil.

II. CLIMATE

The meteorological data given in this section mainly cover monthly rainfall, temperature and humidity.

Table No. 2.1

TEMPERATURE AND RELATIVE HUMIDITY

Name of Centre: Fort Cochin.

Months	Temperature (in degree centigrade)			Relative Humidity (in percentage)				
	Maximum		Minimum	Average Relative Humidity 8.30 IST		Average Relative Humidity 17.30 IST		
	1969	1970	1969	1970	1969	1970		
	2	3	4	5	6	7	8	9
January	31.3	31.4	22.1	22.6	67	73	74	72
February	31.7	31.5	23.7	22.5	75	73	78	76
March	32.5	31.8	25.3	24.3	77	72	80	83
April	32.6	32.1	25.8	24.3	79	74	83	76
May	31.7	31.4	24.4	24.2	82	75	81	76
June	29.4	29.0	22.8	23.7	87	85	85	85
July	28.1	28.0	22.6	23.1	90	87	88	88
August	28.9	27.6	22.9	23.2	86	90	85	88
September	28.9	28.7	22.8	23.3	85	86	85	83
October	30.2	29.3	23.2	23.5	81	83	80	82
November	31.1	31.0	23.3	23.8	77	77	79	75
December	31.0	31.0	23.1	21.6	74	76	76	68

Source:—Meteorological Centre, Madras.

Table No. 2.2
RAINFALL AT RAIN RECORDING

Sl. No.	Stations	Latitude	Longitude				
				January	February	March	April
1	2	3	4	5	6	7	8
1	Malayattur	10°12'	76°31'	—	—	104.1	703.6
2	Parur	10°09'	76°13'	—	—	63.2	538.5
3	Perumbavoor	10°07'	76°29'	—	—	12.7	49.5
4	Alwaye	10°07'	76°21'	×	×	×	×
5	Neriyamangalam	10°03'	76°47'	33.0	57.6	28.0	75.2
6	Moovattupuzha	09°58'	76°35'	—	—	45.9	89.1
7	Karikode	09°50'	76°40'	—	—	478.2	×
8	Ernakulam	09°59'	76°17'	4.0	—	18.0	78.0
9	Cochin	..	..	1.6	7.1	18.9	45.7
10	Fort Cochin	09°58'	76°18'3"	5.8	×	8.4	92.7

Source : State Observatory, Trivandrum

— Nil

× Not recorded

STATIONS (IN M. M.) 1966.

Months

May	June	July	August	September	October	November	December	Annual Rainfall
9	10	11	12	13	14	15	16	17
372.8	722.4	700.4	227.1	218.9	414.7	252.2	20.4	3736.6
—	634.1	671.4	104.5	159.7	234.2	279.0	×	×
266.7	630.4	644.4	142.2	287.7	655.8	256.5	68.5	3014.4
×	×	×	×	×	×	×	×	×
52.0	847.4	1138.4	400.1	452.5	665.5	572.5	106.8	4429.0
7.6	427.9	661.5	112.3	360.6	485.2	252.9	70.1	2513.1
208.8	695.7	666.2	208.5	389.9	519.3	359.8	119.5	×
45.0	534.0	644.5	88.0	371.0	265.0	187.0	123.0	2357.5
43.6	522.4	661.7	115.0	448.0	313.9	355.9	130.2	2664.0
45.7	622.7	956.4	208.8	587.8	460.5	475.0	177.7	×

Table
RAINFALL AT RAIN RECORDING

Sl. No.	Stations	Latitude	Longitude				
				January	February	March	April
1	2	3	4	5	6	7	8
1	Malayattur	10° 12'	76° 31'	10.2	—	83.6	113.6
2	Parur	10° 09'	76° 13'	25.0	—	13.5	30.0
3	Permbavoor	10° 07'	76° 29'	5.1	—	5.1	61.0
4	Alwaye	10° 07'	76° 21'	NA	—	37.5	85.8
5	Neriyamangalam	10° 03'	76° 47'	107.2	165.9	8.1	NA
6	Muvattupuzha	09° 58'	76° 35'	48.2	3.8	NA	207.0
7	Karikode	09° 50'	76° 40'	19.3	2.4	40.1	310.1
8	Ernakulam	09° 59'	76° 17'	10.0	—	60.0	96.0
9	Cochin	..	..	63.9	NA	91.4	210.6
10	Fort Cochin	09° 58'	76° 18'	NA	—	NA	NA

NA—Not available

— Nil

Source:—State Observatory, Trivandrum.

2.3

STATIONS (IN M. M.)--(197)

Months							
May	June	July	August	September	October	November	December
9	10	11	12	13	14	15	16
NA	549.9	294.3	732.6	277.7	NA	61.4	—
393.0	824.0	642.0	465.0	296.0	159.4	4.6	—
229.5	615.0	648.0	NA	120.0	232.5	—	—
288.3	954.0	NA	572.0	269.8	221.4	42.6	—
398.4	912.8	NA	NA	327.1	NA	NA	NA
193.2	621.3	424.4	NA	NA	NA	NA	—
303.2	773.4	687.6	680.7	328.0	568.0	58.9	—
237.0	685.0	627.0	554.0	NA	NA	NA	NA
435.5	831.1	661.8	452.9	310.0	278.0	82.7	—
375.8	728.1	623.4	447.2	340.0	254.6	88.4	NA

Table
RAINFAL AT RAIN RECORDING

Sl. No.	Stations	Latitude	Longitude				
				January	February	March	April
1	2	3	4	5	6	7	8
1	Malayattur	10° 12'	76° 31'	23.3	4.1	16.3	145.6
2	Parur	10° 09'	76° 13'	4.2	11.0	50.0	118.4
3	Perumbavoor	10° 07'	76° 29'	—	—	30.0	105.0
4	Alwaye	10° 07'	76° 21'	—	—	31.3	36.9
5	Neriyamangalarr	10° 03'	76° 47'	NA	NA	NA	NA
6	Muvattupuzha	09° 58'	76° 35'	68.7	7.1	5.1	205.6
7	Karikode	09° 50'	76° 40'	139.5	82.3	54.1	323.7
8	Ernakulam	09° 59'	76° 17'	NA	NA	NA	NA
9	Cochin	—	—	44.5	16.1	24.0	56.6
10	Fort Cochin	09° 58'	76° 18'	31.8	54.0	26.2	68.0

Source : State Observatory, Trivandrum.

— Nil

NA—Not available.

2.4
STATIONS (IN M.M.)—1971

Months

May	June	July	August	September	October	November	December	Annual Rainfall
9	10	11	12	13	14	15	16	17
384.3	1056.2	354.7	481.2	481.2	344.4	12.1	101.9	3405.3
660.6	794.2	870.5	395.0	399.0	182.2	66.0	142.0	3693.1
317.5	891.5	777.1	343.5	386.4	170.5	52.5	85.5	3159.5
502.3	928.6	833.4	460.5	380.9	139.2	14.0	85.4	3412.5
NA	NA	NA	NA	NA	NA	NA	NA	NA
573.6	1081.9	612.7	543.0	483.0	305.0	156.0	45.0	4086.7
401.1	886.8	814.1	558.2	506.3	341.6	120.6	95.9	4324.2
NA	NA	NA	NA	NA	NA	NA	NA	NA
575.7	822.8	782.5	424.5	350.1	NA	39.9	29.7	NA
574.4	773.8	755.2	373.0	362.4	128.2	22.2	17.2	3186.4

III. VITAL AND PUBLIC HEALTH STATISTICS

In this section, details on live birth, deaths and still births, deaths by various causes, medical facilities, persons treated, particulars on sterilised persons according to age, sex and religion etc., are given. Every effort is made to incorporate the latest data.

Table 3.1

District/State		NUMBER OF REGISTERED LIVE BIRTHS, DEATHS AND STILL BIRTHS BY SEX										YEAR : 1969
		Live birth			Death			Still birth			Total	
		Male	Female	Total	Male	Female	Total	Male	Female	Total		
1	2	3	4	5	6	7	8	9	10			
District	Rural	14792	13716	28508	2829	2609	5438	33	26	59		
	Urban	9199	8820	18019	2065	1503	3568	289	300	589		
	Total	23991	22536	46527	4894	4112	9006	322	326	648		
State	Rural	140307	131262	271569	34439	30582	65021	266	234	500		
	Urban	55518	51629	107147	12635	9530	22165	1272	1138	2410		
	Total	195825	182891	378716	47074	40112	87186	1538	1372	2910		

Source : B. E. & S.

Table 3.2

NUMBER OF REGISTERED DEATHS BY VARIOUS CAUSES

Year 1969.

Causes	District	State
1	2	3
Cholera	2	16
Small-pox	..	10
Plague	..	..
Dysentery and Diarrhoea	98	1034
Respiratory Diseases	19	2952
Fevers	618	6039
All other causes	8068	68784
Accidents and Injuries	187	1402
Total	8992	80237

Source: B.E. & S.

Table 3.3 (a)

MEDICAL FACILITIES—NUMBER OF HOSPITALS/DISPENSARIES AND
MEDICAL PERSONNELS (MODERN MEDICINE)

Institutions	1965-66	1969-70	1970-71
1	2	3	4
Government Hospitals	16	18	18
Primary Health Centres	19	19	19
Dispensaries including T. B. Centres	30	33	35
Grant in aid institutions	2	1	1
Leprosy Hospitals	..	4	5
Mental Hospitals	Nil	Nil	Nil
Dental clinics	4	4	5
Other institutions *	NA	75	75
No. of Beds	2165	2296	2320
<i>Medical Personnel</i>			
(a) Doctors	NA	175	175
(b) Nurses	172	250	250
(c) Midwives	257	271	269
(d) Compounders	84	88	88
(e) Others	..	10	10

Source: District Medical Officer, Ernakulam.

* Including private institutions.

Table 3.3 (b)

MEDICAL FACILITIES—NO. OF HOSPITALS/DISPENSARIES AND
MEDICAL PERSONNEL (INDEGENEOUS MEDICINE)

Institutions	1965-66	1969-70	1970-71
1	2	3	4
(a) Ayurvedam			
Government Hospital	6	7	8
Dispensaries	26	28	28
Other institutions *	NA	25	27
No. of beds	82	94	104
Medical personnels:			
(a) Doctors	44	46	49
(b) Nurses	11	11	16
(c) Midwives	..	..	..
(d) Compounders	24	26	29
(e) Others	54	76	93

Table 3.4

NUMBER OF PATIENTS TREATED (IN DOOR AND OUT DOOR) IN MEDICAL INSTITUTIONS

District:—Ernakulam.

Category	Government Hospitals				Dispensaries and Health centres		
	1965-66	1969-70	1970-71	1965-66	1969-70	1970-71	
1	2	3	4	5	6	7	
Modern medicine	1787	1785	1809	378	349	349	
Bed strength	88572	116634	NA	19334	26477	NA	
Inpatients treated	1,703700	1334535	NA	2199824	1767046	NA	
Indigenous medicine	78	90	100	4	4	4	
Bed strength	1103	NA	NA	NA	NA	NA	
Inpatients treated	337497	NA	NA	1037227	NA	NA	

Table 3.4

NUMBER OF PATIENTS TREATED (INDOOR AND OUTDOOR) IN MEDICAL INSTITUTIONS

District:—Ernakulam

Category	Grant in aid institutions			Others			Total		
	1965-66	1969-70	1970-71	1965-66	1969-70	1970-71	1965-66	1969-70	1970-71
	9	10	11	12	13	14	15	16	17
8									
Modern medicine	NA	NA	NA	NA	162	162	2165	2296	2320
Bed strength	2850	NA	NA	NA	6903	NA	110756	150014	NA
In-patients treated	34396	NA	NA	NA	132732	NA	3937920	3234313	NA
Out patients treated	..	..	..	..	..	..	82	94	108
Indigenous medicine	..	..	..	..	..	..	1103	NA	NA
Bed strength	..	..	..	..	..	..	1374724	NA	NA
In-patients treated	NA	NA	NA	NA	NA	NA			
Out patients treated									

Table No. 3.5
PERSONS STERILISED ACCORDING TO AGE AND SEX 1969-'70

District:—ERNAKULAM.

Age group	DISTRICT						STATE					
	Males operated		Females operated		Total		Males operated		Females operated		Total	
	No.	% excluding not recorded	No.	% excluding not recorded	No.	% excluding not recorded	No.	% excluding not recorded	No.	% excluding not recorded	No.	% excluding not recorded
1	2	3	4	5	6	7	8	9	10	11	12	13
15-19	—	—	5	N	5	N	—	—	58	N	58	N
20-24	72	2	239	11	311	4	389	1	2549	15	2938	5
25-29	680	14	779	34	1459	21	4771	12	6463	39	11234	20
30-34	1286	27	746	33	2032	29	9017	23	4719	28	13736	24
35-39	1436	30	432	19	1868	26	10965	28	2563	15	13528	24
40 and above	1322	27	80	3	1402	20	13361	36	476	3	13837	27
Not recorded	80	—	105	—	185	—	1569	—	420	—	1989	—
Total	4876	100	2386	100	7262	100	40072	100	17248	100	57320	100

Source: B. F. & S.

N=Negligible

—=Nil.

Table No. 3.6

STERILISED PERSONS ACCORDING TO RELIGION 1969—'70

Religion	DISTRICT			STATE		
	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7
Hindus	2781	1220	4001	28189	11769	39958
Christians	1651	920	2571	6730	2879	9609
Muslims	444	246	690	2981	1216	4197
Not recorded	—	—	—	2172	1384	3556
Total	4876	2386	7262	40072	17248	57320

Source: B. E. & S.

—=Nil.

IV. EDUCATION

This section deals mainly with the details on School and College education. Some information on libraries, Cinema houses etc., are also included under education information regarding Taluk-wise and type-wise institutions, number of Scholars & Teachers are given. Tables on growth of literacy, number of libraries and reading rooms, grant distribution to libraries, seating capacity and tax collection of cinema houses are also included.

Table No: 4.1
TALUK-WISE NUMBER OF INSTITUTIONS (SCHOOL EDUCATION)

Sl. No.	Name of Taluk	1965-66										1970-71									
		School for General Education				School for Professional Education				School for Special Education		School for General Education			School for Professional Education			School for Special Education			
		Nursery (Pre-primary)	Lower primary	Upper primary	Secondary	Total	Engineering & Technology, Technical & Industrial, Arts & Crafts	Teachers' Training	Music, Dancing and other Fine-arts	Physically Handicapped	Reformatory	Nursery (Pre-primary)	Lower Primary	Upper Primary	Secondary	Total	Engineering & Technology, Technical & Industrial Arts & Crafts	Teachers' Training	Music, Dancing & other	Physically Handicapped	Reformatory
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	Always	1	77	30	19	127	NA	2	..	..	..	4	78	26	24	132	5	1	..	..	..
2	Parur	3	64	19	16	102	NA	1	1	..	..	1	69	24	19	113	1	1	..	..	..
3	Kunnathunad	..	83	27	18	128	NA	3	..	..	..	..	105	24	22	151	1	..	..	..	..
4	Kanayannoor	3	98	40	36	177	NA	3	..	..	..	4	95	37	43	179	3	2	4	..	..
5	Moovattupuzha	2	96	45	30	173	NA	2	..	..	..	2	76	56	41	175	..	3	..	..	..
6	Thodupuzha	2	79	29	18	128	NA	3	..	..	..	2	83	20	24	129	1	3	..	..	..
7	Cochin Districts	13	576	220	166	975	NA	16	1	..	..	15	76	30	31	139	3	3	..	..	..
													582	217	204	1018	14	16	4	..	..

Source: Director of Public Instructions.

Table No: 4.2
TALUK-WISE NUMBER OF INSTITUTION (HIGHER EDUCATION)

Sl. No.	Name of taluk.	University Departments		College for General Education, Arts, Science and Oriental studies		Teachers training		Engineering		Modern medicine		Ayurveda		Homoeo	
		1965-66	1970-71	1965-66	1970-71	1965-66	1970-71	1965-66	1970-71	1965-66	1970-71	1965-66	1970-71	1965-66	1970-71
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Kanayannur	4	5	6	6	1	1	..	..	..	..	..	1	..	1
2	Alwaye	1	..	4	5	..	..	..	..	..	..	..	..	..	..
3	Kunnathunadu	..	..	1	1	..	..	..	..	..	..	..	..	..	..
4	Moovattupuzha	..	..	2	2	..	..	1	1	..	..	..	..	..	..
5	Thodupuzha	..	..	1	1	..	..	..	..	..	..	..	..	..	..
6	Parur	..	..	1	2	1	1	..	..	..	..	..	..	..	..
7	Cochin	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	DISTRICT	5	5	15	18	2	2	1	1	..	..	..	1	..	1

Table No. 4.3
NUMBER OF INSTITUTIONS BY TYPE OF MANAGEMENT (SCHOOL EDUCATION)

Ernakulam

Type of School	Number of Schools									
	1965-66					1970-71				
	Government	Private aided	Private not aided	Total	Government	Private aided	Private not aided	Total		
1	2	3	4	5	6	7	8	9		
I. School for General Education:										
1. Nursery (Pre-primary)	2	11	..	13	2	12	1	15		
2. Lower Primary	269	307	..	576	262	313	7	582		
3. Upper Primary	81	139	..	220	84	132	1	217		
4. Secondary	33	133	..	166	49	139	16	204		
II. School for professional Education:										
5. Engineering and Technology and Technical, Industrial, Arts and Crafts.	..	NA	..	..	4	10	..	14		
6. Teachers Training	4	12	..	16	4	12	..	16		
III. Schools for special Education:										
7. Music, Dancing and other fine Arts.	1	..	..	1	3	1	..	4		
8. Physically handicapped	..	..	..	..	..	..	..	..
9. Reformatory	..	..	..	..	..	..	..	..

Source: Director of Public Instructions.

Ernakulam District

Table No. 4.4
NUMBER OF SCHOLARS (SCHOOL EDUCATION)

Type of Schools	Number of Scholars									
	Government					Private				
	Boys		Girls			Boys		Girls		
	1965-66	1970-71	1965-66	1970-71	1965-66	1970-71	1965-66	1970-71	1965-66	1970-71
I	2	3	4	5	6	7	8	9		
I. Schol. I for General Education	NA	43	NA	41	NA	162	NA	NA	173	
(i) Nursery (Pre-primary)	76104	79721	68743	71561	78744	68692	72768	80922		
(ii) Lower Primary	22900	28526	19321	24790	50278	54557	43681	51374		
(iii) Upper Primary	11477	12407	9739	11145	25591	31375	23253	30715		
(iv) Secondary										
II. Schools for Professional Education	NA	861	NA	102	NA	194	NA	43		
(v) Engineering and Technology and technical Industrial and Arts and Crafts	NA	160	NA	175	NA	249	NA	473		
(vi) Teachers Training										
III. Schools for Special Education	NA	122	NA	184	..	25	..	10		
(vii) Music, dancing and other fine Arts		..		..	..	..	..	..
(viii) Physically handicapped		..		..	..	..	..	..
(ix) Reformatory		..		..	..	..	..	..

Table 4.4 (Contd.)
NUMBER OF SCHOLARS (SCHOOL EDUCATION)

District - Ernakulam

Type of Schools	Number of Scholars									
	Private not aided					Total				
	Boys		Girls		Total	Boys		Girls		Total
1965-66	1970-71	1965-66	1970-71	1965-66		1970-71	1965-66	1970-71		
(1)	10	11	12	13	14	15	16	17		
I School for General Education.	NA	246	NA	226	NA	451	NA	440		
(i) Nursery (Pre primary)	1156	933	963	705	156004	149346	142474	153188		
(ii) Lower Primary	902	967	760	504	74080	84050	63762	76668		
(iii) Upper Primary	1116	1475	1378	1574	38184	45257	34370	43434		
(iv) Secondary										
II Schools for Professional Education:										
(v) Engineering and Technology and technical, Industrial and arts and Crafts										
(vi) Teachers Training										
III Schools for Special Education:										
(vii) Music, dancing and other fine arts										
(viii) Physically handicapped										
(ix) Reformatory										

Table No. 4.5
NUMBER OF TEACHERS (SCHOOL EDUCATION)

District—Ernakulam.

Type of School	Number of teachers 1965-66.									
	Government			Private						
	Trained	Untrained	Untrained	Trained	Untrained	Trained	Untrained	Trained	Untrained	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
	2	3	4	5	6	7	8	9		
I School for General education										
(1) Nursery (Pre Primary)	1045	1092	46	Not available	Not available	1624	33	84		
(2) Lower Primary	750	681	66	79	974	1103	86	145		
(3) Upper Primary	589	682	24	90	805	1119	299	335		
(4) Secondary				38	1497					
II School for Professional education										
(5) Engineering and technology and technical, Industrial and Arts and Crafts.			2	3	45	33				
(6) Teachers training	48	34		Not available	Not available					
III School for Special Education										
(7) Music, Dancing and other fine arts										
(8) Physically handicapped										
(9) Reformatory										

Table No. 4.5

NUMBER OF TEACHERS (SCHOOL EDUCATION)

District—Ernakulam.

Type of School	Number of teachers 1965-66									
	Private not aided					Total				
	Trained		Untrained		Total	Trained		Untrained		Total
Men	Women	Men	Women	Men		Women	Men	Women		
I	10	11	12	13	14	15	16	17		
I School for General education										
(1) Nursery (Pre Primary)	8	14			Not available					165
(2) Lower Primary	4	5	4	1	2037	2720	79			236
(3) Upper Primary					1559	1789	156			395
(4) Secondary	124	110	11	22	2210	1911	334			
II School for Professional education										
(5) Engineering and technology and technical, Industrial and Arts and Crafts										
(6) Teachers training					Not available	93	67	2		4
III School for Special education										
(7) Music, Dancing and other fine arts					Not available					
(8) Physically handicapped										
(9) Reformatory										

Table No. 4.5
NUMBER OF TEACHERS (SCHOOL EDUCATION) 1970—71

District—Ernakulam

Type of School	Government						Private aided					
	Trained		Untrained		Trained		Untrained		Trained		Untrained	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9				
I School for General Education												
1. Nursery (PrePrimary)*	1146	4	46	1	1002	*18	54	*5	109	2649	2649	109
2. Lower Primary	767	1683	79	114	1299	2649	54	109	329	1776	1776	329
3. Upper Primary	435	793	31	80	1232	1776	250	329	17	1026	1026	17
4. Secondary		457		7								
II Schools for professional Education												
5. Engineering and technology and Technical, Industrial and arts and crafts	87	4	27	1	28	3	1	1	1			
6. Teachers training	18	8		1								
III Schools for special education												
7. Music, Dancing and other fine arts	5	4	8	4	3							
8. Physically handicapped												
9. Reformatory												

Source: D. P. I.

—Nil

* Include not aided also.

Table No. 4.5 (Contd.)
NUMBER OF TEACHERS (SCHOOL EDUCATION) 1970-71

District—Ernakulam

Type of School	Private not aided						Total	
	Trained		Untrained		Trained		Untrained	
	Men	Women	Men	Women	Men	Women	Men	Women
	10	11	12	13	14	15	16	17
I School for General Education								
1. Nursery (Pre Primary)	14	30	..	..	2162	22	..	6
2. Lower Primary	21	24	4	8	2087	4362	100	228
3. Upper Primary	80	47	15	14	1747	2593	333	417
4. Secondary	..	..	..	..	..	1530	62	38
II Schools for Professional Education								
5. Engineering and technology and technical, Industrial and arts and crafts	..	..	..	..	87	7	27	1
6. Teachers training	..	..	..	..	46	39	1	2
III Schools for special education								
7. Music, Dancing and other fine arts	..	..	..	..	8	4	8	4
8. Physically handicapped	..	..	..	..	..	..	..	..
9. Reformatory	..	..	..	..	..	..	..	..

Table 4.6
(Type of management)
NUMBER OF INSTITUTIONS BY HIGHER EDUCATION

Type of Institution	Number of Institutions						
	1965-66			1970-71			
	Government	Private	Total	Government	Private	Total	Total
I	2	3	4	5	6	7	7
II. University Departments Colleges for General Education including oriental studies	..	5	5	5	..	5	5
III. Colleges for Professional Education	2	13	15	2	16	18	18
1. Teachers Training	..	2	2	..	2	2	2
2. Engineering	..	1	1	..	1	1	1
3. Modern medicine
4. Ayurveda
5. Homoeo	1	1	1	1
6. Veterinary
7. Agriculture
8. Law	1	..	1	..	..	1	1
9. Commerce
10. Physical Education
IV. Colleges for Special Education:
Music, Dancing and other fine Arts
Others (Polytechnic)	1	..	1	1

Source: University

.. Nil

Table 4.7
NUMBER OF SCHOLARS (HIGHER EDUCATION)

Type of Institutions	Number of Scholars		
	1965-66		
	Total		
	Boys	Girls	Total
1	2	3	4
I. University Departments	135	54	189
II. Colleges for General Education :			
(i) Arts and Science	} 9639	5756	15395
(ii) Education (Oriental Studies)			
III. Colleges for professional Education			
1. Teachers Training	45	176	221
2. Engineering	547	38	585
3. Allopathic medicine	..	..	..
4. Ayurveda	..	..	..
5. Homoeo	..	..	..
6. Veterinary Science	..	..	..
7. Agriculture	..	..	..
8. Law	202	4	206
9. Commerce	..	..	..
10. Physical Education	..	..	..
IV. Colleges for Special Education :			
Music, Dancing and other fine arts	..	..	..
Others (Polytechnics)	..	..	..

.. Nil

Table 4.7 (Contd.)
ERNAKULAM DISTRICT--NUMBER OF SCHOLARS (HIGHER EDUCATION)

Type of Institutions		Number of Scholars										
		Government					Private					Total
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys		Girls	Total
1		2	3	4	5	6	7	8	9	10		
I.	University Departments	251	55	306	..	..	..	251	55	306	
II.	Colleges for General Education	1933	1303	3236	12491	8604	21095	14424	9907	24331		
	(i) Arts & Science	90	181	271	..	..	..	90	181	271	
	(ii) Education (Oriental Studies)	..	..	..	48	191	239	48	191	239	
III.	Colleges for professional Education:	..	..	..	308	5	313	308	5	313	
	1. Teachers Training	..	..	..	..	..	..	..	..	..
	2. Engineering	..	..	..	..	..	..	..	..	..
	3. Allopathic medicine	..	..	..	..	..	..	..	..	..
	4. Ayurveda	41	19	60	NA	NA	425	41	19	60		
	5. Homoco	..	..	..	..	..	..	NA	NA	425	
	6. Veterinary Science	..	..	..	..	..	..	..	..	..
	7. Agriculture	..	..	..	..	..	..	..	..	..

Source:

.. NA

Table 4.7—(Contd.)

1	2	3	4	5	6	7	8	9	10
III. Colleges for professional Education:									
8. Law	531	55	586	..	..	..	531	55	586
9. Commerce	..	..	..	..	..	..	..	..	..
10. Physical Education	..	..	..	..	..	..	..	..	..
IV. Colleges for Special Education:									
Music, Dancing and other fine Arts	..	..	..	..	..	..	..	..	..
Others (Polytechnics)	520	26	546	..	..	..	520	26	546

Table 4.8
NUMBER OF TEACHERS (HIGHER EDUCATION)

Type of Institution	Number of Teachers										
	Government					Private					Total
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Female	
I	2	3	4	5	6	7	8	9	10		
I. University Department											
II. Colleges for General Education											
1. Arts & Science	85	32	117	446	146	592	531	178	709		
2. Oriental Studies	6	4	10				6	4	10		
III. Colleges for professional education											
1. Teachers Training				30	1	31	10	1	31		
2. Engineering											
3. Allopathic medicine				5	12	17	5	12	17		
4. Ayurveda				44	5	49	44	5	49		
5. Homoeo											
6. Veterinary Science											
7. Agriculture											
8. Law											
9. Commerce											
10. Physical Education											
IV. Colleges for Special Education											
Music, Dancing and other fine Arts			6				6				
Others (Polytechnics)	6									6	

Source: University

Table 4.8
NUMBER OF TEACHERS (HIGHER EDUCATION)—1970-71

Type of Institutions	Number of Teachers									
	Government			Private			Total			
	Male	Female	Total	Male	Female	Total	Male	Female	Total	
I	2	3	4	5	6	7	8	9	10	
1. University Department	31	3	34				31	3	34	
II. Colleges for General Education:										
1. Arts and Science	79	61	140	655	245	900	734	306	1040	
2. Oriental Studies	9	5	14				9	5	14	
III. Colleges for Professional Education:										
1. Teachers Training				7	11	18	7	11	18	
2. Engineering				44	5	49	44	5	49	
3. Allopathic medicine										
4. Ayurveda	4	4	8	14	2	16	4	4	8	
5. Homoeo							14	2	16	
6. Veterinary Science										
7. Agriculture										
8. Law	12	1	13							
9. Commerce										
10. Physical education										
IV. Colleges for Special education:										
11. Music, Dancing & other fine arts										
12. Others (Polytechnic)	51	3	54				51	3	54	

Table 4.9
GROWTH OF LITERACY

Ernakulam District

Year	Percentage of Literacy					
	District			State		
	Male	Female	Total	Male	Female	Total
1961	57.78	43.30	50.55	54.97	38.90	46.85
1971	70.33	60.15	65.29	66.62	54.31	60.42

Source:—Department of Census operations, Kerala

Table 4.10
LIBRARIES AND READING ROOM 1970—71

Sl. No.	Taluk	Number of		
		Libraries	Members	Books
1	2	3	4	5
1	Muvattupuzha	75	15139	133675
2	Thodupuzha	55	5993	109684
3	Kunnathunad	76	13647	164528
4	Alwaye	45	9490	129827
5	Parur	52	19418	129053
6	Cochin	29	5769	65242
7	Kanayannur	64	13446	370896
	District	396	82902	1102905
	STATE	3269	636087	6758223

Source: Kerala Grandhasala Sanghom.
 37/1316/c

Table No. 4.10 (Concl'd.)
LIBRARIES AND READING ROOMS GRANT 1970-71

Sl. No.	Taluk	Number benefited under each grade										Building grant	
												Amount (Rs.)	No. benefited
		A	B	C	D	E	F	G	H	Total Nos. benefited	Amount (Rs.)		
		6	7	8	9	10	11	12	13	14	15	16	17
1	Muvattupuzha	1	2	7	14	15	13	8	5	65	24020	—	—
2	Thodupuzha	—	2	2	7	8	12	13	2	46	15030	—	—
3	Kunnathunad	1	1	5	12	10	18	14	7	68	22870	—	—
4	Alwaye	1	1	6	4	4	12	3	4	35	13040	—	—
5	Parur	1	3	6	6	8	5	—	5	34	14175	—	—
6	Cochin	—	3	4	—	3	4	1	1	16	6795	1	14320
7	Karayannur	3	6	9	12	16	7	5	—	58	26475	1	2566
	District	7	18	39	55	64	71	44	24	322	122405	2	16886
	STATE	31	95	223	362	523	647	494	196	2571	891080	37	107155

Source: Kerala Grandhasala Sangham.

— = Nil.

V. AGRICULTURE

The statistics relating to Agriculture have been furnished in this section. Tables on distribution of area according to utilisation, area and production of important crops, Source-wise Irrigation details, estimated mean yield of paddy, agricultural machinery and implements are incorporated in this section.

Table 5.1

DISTRIBUTION OF AREA ACCORDING TO LAND UTILISATION (AREA IN HECTARES)

Sl. No.	Classification	1965—66	1969—70	1970—71	State 1970—71
1	2	3	4	5	6
1	Total geographical area according to village papers	317428	317428	317428	3858523
2	Forest	55212	55212	55212	1054864
3	Land put to non-agricultural uses	21580	26530	27325	274525
4	Barren and uncultivable lands	8530	4787	4345	71646
5	Permanent Pastures and other grazing lands	2000	2000	2000	27800
6	Land under miscellaneous tree crops not included in net area sown.	6980	1874	344	132176
7	Cultivable waste	8180	3663	3620	79519
8	Fallow lands other than current fallow	1460	2729	2837	22678
9	Current Fallow	1820	3204	3229	23633
10	Net area sown	211666	217429	218516	2171682
11	Area sown more than once	35370	63132	58365	760861
12	Total cropped area	247036	280561	276881	2932543

Source: B. E. & S.

Table: 5.2

AREA UNDER AND YIELD OF PRINCIPAL CROPS

Sl. No.	Crops	District										Kerala State			
		1965-66					1969-70					1970-71		1970-71	
		Area (in hect.)	Yield (M.T.)	Area (in hect.)	Yield (M.T.)	Area (in hect.)	Yield (M.T.)	Area (in hect.)	Yield (M.T.)	Area (in hect.)	Yield (M.T.)	Area (in 1000 hect.)	Yield in 1000 (M.T.)	Area (in 1000 hect.)	Yield in 1000 (M.T.)
1	2	3	4	5	6	7	8	9	10						
1	Rice	83460	93383	93691	109211	93691	129210	874.83	1298.01						
2	Pulses	1941	724	1908	758	1839	956	39.54	13.98						
3	Sugar Crops (Sugarcane)	460	1690	407	2492	366	1673	7.65	37.63						
4	Pepper	6807	2025	8271	2291	7940	2199	117.54	25.03						
5	Ginger	1128	1177	1083	1149	1159	2141	12.17	19.68						
6	Turmeric	380	340	372	276	376	376	4.39	5.34						
7	Cardamom	1042	58	1042	61	1042	56	47.40	1.25						
8	Betalnuts	6305	762	9172	1108	9223	1114	85.82	12738.00						
9	Mangoes	9415	NA	6454	NA	5914	NA	58.10	NA						
10	Bananas (including plantain)	2950	22248	4039	30559	3234	24231	48.76	368.98						
11	Cashewnuts	7617	8546	7685	8623	6618	7425	102.71	115.24						
12	Tapioca	13568	155218	15352	197666	14500	222720	293.55	4617.19						
13	Coconut	51740	303	63758	374	64687	379	719.14	3981.00						
14	Tea	120	82	187	187	187	196	37.59	41.45						
15	Coffee	245	57	262	61	262	61	31.56	13.57						
16	Rubber	21423	5193	20140	9442	26459	9557	179.26	78.73						

Source:

N.B. Figures of yield for coconut and arecanut are in million nuts.

Table 5.3**AREA IRRIGATED BY DIFFERENT SOURCES (HECTARES)**

Sl. No.	Type	District		
		1965-66	1967-68	1967-68
1.	Minor			5612
2.	Medium			3020
3.	Major			99014
	Total			107646

Source: Chief Engineers, Irrigation & Projects.

Only departmental figures are included.

Table: 5.4
ESTIMATED MEAN YIELD OF DRY PADDY (KG./HECTARE)—TALUK-WISE.

Sl. No.	Taluk/District	1969-70						1970-71					
		Virippu		Mundakan		Punja		Virippu		Mundakan		Punja	
		Cropped area (Hectare)	Mean yield of dry paddy (Hectare)	Cropped area (Hectare)	Mean yield of dry paddy (Hectare)	Cropped area (Hectare)	Mean yield of dry paddy (Hectare)	Cropped area (Hectare)	Mean yield of dry paddy (Hectare)	Cropped area (Hectare)	Mean yield of dry paddy (Hectare)	Cropped area (Hectare)	Mean yield of dry paddy (Hectare)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Thodupuzha	38221721	75891562	34881622	108341684	5492132	38222042	7591935	34882101	108342125	5492147	3673087	19111836
2	Moovattupuzha	32081711	10431513	45521077	115321853	19111507	80431635	76101697	115322101	99372432	36012552	38762547	103042413
3	Gochin	76101810	70421940	99371946	20511663	38761990	70422028	36792440	409931925	423942191	103042413	949873272	
4	Kanayannur	36792119	409931740	423941720	103042134	409931925	3947982044	3819712241					
5	Kunnathunad	3937472006	3821712057	950632920	3947982044								
6	Always												
7	Parur												
	District												
	STATE												

—Nil

Source: B. E. & S.

Table 5.5
AGRICULTURAL IMPLEMENTS

Items	District		State
	1961	1966	1966
1	2	3	4
<i>Ploughs</i>			
Wooden	78417	63879	475930
Iron	338	2016	17179
Carts	1037	739	16309
<i>Sugarcane crushers</i>			
With Power	20	38	457
With bullocks	138	143	989
Oil Engines with pumps for irrigation	245	646	6824
Electric pumps for irrigation	676	1276	4869
Tractors	22	35	418
<i>Ghanies</i>			
5 kg. and more	80	26	692
Less than 5 kg.	125	41	628

Source : Live Stock Census

VI. LIVE STOCK STATISTICS

In this section information on live-stock population, Veterinary institutions and personnel and number of live-stock slaughtered in municipalities and panchayats are furnished.

Table 6.1

LIVESTOCK POPULATION

Item	District		State
	1961	1966	1966
1	2	3	4
<i>Cattle</i>			
(a) Males over 3 years	91037	82824	519523
(b) Females over 3 years	107102	109766	1219242
(c) Young stock	105097	110445	1117962
<i>Buffaloes</i>			
(a) Males over 3 years	12031	11184	253850
(b) Females over 3 years	6785	6785	134770
(c) Young stock	2216	3098	82615
Sheep	315	383	11519
Goats	145223	145415	1189218
Horses and ponies	11	19	426
Mules	..	..	8
Donkeys	..	..	310
Pigs	45933	37473	111928
Total Live-stock	515750	505588	4641375
<i>Poultry</i>			
(a) Fowls	1201635	1250254	9587286
(b) Ducks	45157	54543	318751
(c) Others	3305	1012	2950

Table 6.2

**NO. OF VETERINARY HOSPITALS/DISPENSARIES VETERINARY OFFICERS
AND LIVE-STOCK TREATED IN VETERINARY INSTITUTIONS**

Sl. No.	Description	District		State
		1965-66	1969-70	1969-70
1	2	3	4	5
1	No. of institutions } Hospitals	9	9	61
	} Dispensaries	23	24	232
2	No. of Veterinarians	38	48	422
3	Cases of anti-rabic treatment done post prophylactic	1180	1106	9760
4	In-patients treated	46	166	1229
5	Out-patients treated	130323	158968	1703893
6	Total	131549	160240	1714882
7	No. of obstretical cases	801	1399	10313
8	No. of castrations	1939	1593	33120
9	Other operations	3054	3707	31691
10	Total	5794	6699	75124

Source:—Animal Husbandry Department.

Table No. 6.3

LIVE STOCK SLAUGHTERED IN MUNICIPALITIES

Sl. No.	Name of Municipality	1966										1970					
		Cow	Bull or Bulls	Calves	Buffaloes	Sheep	Goats	Pigs	Total slaughtered	Cow	Bull or Bulls	Calves	Buffaloes	Sheep	Goats	Pigs	Total slaughtered
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Perumbavoor	..	1789	..	46	..	3726	..	5561	636	694	..	..	943	1605	..	3878
2	Moovattupuzha	559	974	902	600	1813	1914	..	6762	NA	NA	NA	NA	NA	NA	NA	NA
3	Alwaye	1629	439	..	125	1757	2958	..	2958	1742	627	..	81	3077	..	..	5527
4	Parur	179	120	..	46	..	1096	..	1441	241	148	..	13	..	537	..	939
5	Cochin	834	1620	..	344	..	2227	..	5025	5851	15970	..	993	..	25883	498	39145

Source: Municipalities

.. = Nil.

NA = Not available.

Table 6.4
LIVESTOCK SLAUGHTERED IN PANCHAYATS--1970

Sl. No.	District	Cow	Bull or Bullocks	Calves	Buffaloes	Sheep	Goats	Pigs	Others	Total slaughtered
1	2	3	4	5	6	7	8	9	10	11
1	District	5731	2751	268	6867	951	5925	5228	7.3	57721
2	State	47317	29102	4992	53740	23898	100517	13068	..	273337

Data relate to 68 Panchayats only.
 Source: Veterinary College, Mannuthy, Trichur.
 Nil.

VII. BANKS AND CO-OPERATIVE SOCIETIES
 This section deals with the working of commercial banks, the number and membership of various types of co-operative Societies and their working and the financial position.

Table 7.1

NUMBER OF COMMERCIAL BANKS REGISTERED IN THE DISTRICT

(Amount Rs. in lakhs)

As on 31-12-1966

As on 31-12-1971

TYPE OF BANKS	As on 31-12-1966						As on 31-12-1971					
	No. of Banks	Paid up capital	Reserves	No. of Banks	Paid up capital	Reserves	No. of Banks	Paid up capital	Reserves	No. of Banks	Paid up capital	Reserves
I. Scheduled Banks:	2	3	4	5	6	7	2	3	4	5	6	7
II. Non-scheduled Banks:												
(a) Non-scheduled banks having paid up capital and reserves of Rs. 5 lakhs and above	2	10.09	12.98	1	5.33	14.52	2	6.69	8.84	2	6.69	8.84
(b) Non-scheduled banks having paid up capital and reserves of Rs. 1 lakh and above but less than Rs. 5 lakhs.	1	1.75	2.03	..	..	..	..	..	..	..	..	..
(c) Non-scheduled banks having paid up capital and reserves of Rs. 50,000 and above but less than Rs. 1 lakh	..	..	..	..	..	..	..	..	..	..	..	..
(d) Non-scheduled banks having paid up capital and reserves of less than Rs. 50,000	..	..	..	..	..	..	..	..	..	..	..	..
Total (I & II)	3	11.84	15.01	3	12.02	23.36	3	11.84	15.01	3	12.02	23.36

Source: Reserve Bank of India.
 Nil.

Table 7.2

CO-OPERATIVE SOCIETIES (NON-INDUSTRIAL)

Sl. No.	Type of Societies	Number of Societies		Number of Members	
		1965-66	1969-70	1965-66	1969-70
1	District Co-operative	1	1	327	374
2	Primary Land Mortgage Banks	2	2	2097	4434
3	Agricultural Credit Societies	233	217	107199	139219
4	Non-agricultural Credit Societies	68	86	26468	39230
5	Apex Marketing Societies	..	..	..	..
6	Central Marketing Societies	..	..	..	..
7	Primary marketing Societies	6	8	1135	4607
8	Milk Supply Unions	..	1	..	122
9	Milk Supply Societies	15	23	1492	2170
10	Farming Societies	25*	15	1444*	1153
11	Primary Consumer's Society	46	56	11446	18908
12	Housing Societies	9	16	874	1733
13	Fishermen Co-operative Societies	77	NA	10106	NA
14	Other Non-credit Societies	..	..	..	..
	(a) Agricultural	27	18	1960	1881
	(b) Non-agricultural	116	87	21048	58007
15	Supervising Unions	7	NA	391	NA
16	State Co-operative Institute	..	..	..	..
17	Regional Co-operative Institute	..	..	..	..
18	Other Societies.	43	NA	4044	NA

* Includes Joint Farming & Collective Farming Societies—Nil.

NA.—Not Available.

271838

Source: Registrar of Co-operative Societies, Kerala.

37/1016/B.

Table 7.3

CO-OPERATIVE SOCIETIES IN THE DISTRICT (NON-INDUSTRIAL)

(Rs. in lakhs)

Sl. No.	Type of Societies	Paid up share capital		Deposits		Borrowing		Reserve Fund	
		1965-66	1969-70	1965-66	1969-70	1965-66	1969-70	1965-66	1969-70
		3	4	5	6	7	8	9	10
1	2								
1	District Co-operative Bank	N. A.	41.71	N. A.	184.43	N. A.	118.72	N. A.	2.63
2	Primary Land Mortgage Bank	1.60	3.59	—	0.17	13.14	52.91	0.23	..
3	Agri. Credit Societies	0.82	91.78	0.06	99.28	0.98	212.88	0.16	6.22
4	Non-agricultural credit Societies	0.15	40.34	0.03	68.90	N	25.18	..	4.00
5	Apex Marketing Societies	..	..	..	..	..	..	..	..
6	Central Marketing Societies	2.16	3.81	0.82	3.43*	1.28	..	..	1.30
7	Primary Marketing Societies	..	0.51	..	..	..	0.19	..	0.36
8	Milk Supply Unions	0.29	0.60	..	..	0.12	0.65	0.02	0.13
9	Milk Supply Societies	0.72	0.45	..	0.75*	1.51	..	0.94	0.19
10	Farming Societies	3.85	7.99	..	2.13	1.17	3.38	N	3.85
11	Primary Consumer's Societies	..	..	..	..	..	..	..	..
12	Housing Societies	1.90	14.24	..	..	13.33	33.85	..	0.08

* Including borrowings

— Nil

N. A. Not available

N. Negligible

Table 7.3—(Contd.)

Sl. No.	Type of Societies	Paid up share capital		Deposits		Borrowing		Reserve Fund	
		1965-66	1969-70	1965-66	1969-70	1965-66	1969-70	1965-66	1969-70
		3	4	5	6	7	8	9	10
13	Fishermen Co-operative societies	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
14	Other non-credit societies: (a) Agricultural	0.47	0.42	..	1.58*	0.36	..	0.09	0.76
	(b) Non-agricultural	3.06	2.86	..	..	7.10	5.60	1.57	2.18
15	Supervising Unions	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
16	State Co-operative Unions	N. A.	..	..	..	..	..	..	..
17	Regional Co-operative Institute	..	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
18	Other societies	N. A.	..	..	..	..	..	..	..

SOURCE:—(1) Registrar of Co-operative Societies, Kerala.
(2) Dy. Registrar of Co-operative Societies, Ernakulam.

Table 7.3—(Contd.)

Sl. N ^o .	Type of Societies	Other Funds		Total working capital			Loans issued	
		1965-66	1969-70	1965-66	1969-70	1965-66	1969-70	
		3	4	5	6	7	8	
1	2							
1	District Co-operative Bank	N. A.	6.21	14.00*	353.70	13.78	204.14	
2	Primary Land Mortgage Bank	..	0.22	14.97	56.89	83.62	10.51	
3	Agril. credit societies	..	17.38	2.02	427.54	51.98	271.39	
4	Non-agricultural credit societies	..	5.27	0.18	143.69	..	121.81	
5	Apex marketing societies	..	..	..	..	..	..
6	Central marketing societies	..	..	4.26	8.54	..	..
7	Primary marketing societies	..	..	..	1.06	..	..
8	Milk Supply Unions	..	..	0.43	1.38	..	0.47
9	Milk Supply Societies	2.26	..	5.43	1.39	..	..
10	Farming societies	..	..	5.02	17.35	2.43	..
11	Primary Consumer's societies	..	..	15.23	48.17	..	..
12	Housing societies	..	..	..	..	..	0.39

* Separate split up figures are not available.

Table 7.3—(Concl.)

Sl. No.	Type of Societies	Other funds		Total working capital		Loan issued	
		1965-66	1969-70	1965-66	1969-70	1965-66	1969-70
1	2	3	4	5	6	7	8
13	Finshermen Co-operative	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
14	Other non-credit societies	..	..	0.92	2.76	0.02	0.09
	(a) Agricultural	..	..	11.73	10.64	1.18	..
	(b) Non-agricultural	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
15	Supervising Unions	..	..	..	..	..	..
16	State Co-operative Unions	..	..	..	..	..	..
17	Regional Co-operative Institute	..	..	..	..	..	..
18	Other Societies	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.

SOURCE:—(1) Registrar of Co-operative Societies, Kerala.

(2) Dy. Registrar of Co-operative Societies, Ernakulam.

Table 7.4

COIR CO-OPERATIVE SOCIETIES

(Rs in lakhs.)

Sl. No.	Type of Societies	No. of Societies		No. of members		Paid up share capital	Deposits		
		1965-66	1968-69	1965-66	1968-69				
1	2	3	4	5	6	7	8	9	10
1	Primary Coir Societies	46	28	13124	8976	2.27	3.11	1.24	0.28
2	Thondu Vyavasaya Co-operative Societies	5	—	482	—	0.22	—	—	—
3	Central Coir Marketing Societies	1	—	56	—	0.52	—	—	—
4	Mats & Matting's factory Co-operative Societies	1	1	98	92	0.36	0.42	0.02	0.09
5	Husk retting Unions:	2	3	14	93	0.01	0.05	—	—
	Total	55	32	13774	9161	3.38	3.58	1.26	0.37

Table 7.4 (Contd.)

COIR CO-OPERATIVE SOCIETIES (INDUSTRIAL)

Sl. No.	Type of Societies	Borrowings		Reserve Funds		Other Funds		Total working capital	
		1965-66	1968-69	1965-66	1968-69	1965-66	1968-69	1965-66	1968-69
1	2	11	12	13	14	15	16	17	18
1	Primary Coir Societies	7.55	1.94	0.16	—	1.01	0.18	12.23	5.51
2	Thondu Vyavasaya Co-operative Societies	0.10	—	0.01	—	N	—	0.33	—
3	Central Coir marketing societies	29.52	—	—	—	—	—	30.04	—
4	Mats & Matings factory Co-operative Societies	1.34	2.14	0.05	—	N	0.03	1.77	2.68
5	Husk Retting Unions	—	—	—	—	—	0.16	0.01	0.21
	Total	38.51	4.08	0.22	—	1.01	0.37	44.38	8.40

Source:—Special Officer for Coir.

—Nif.

Table 7.5

HANDLOOM WEAVER'S CO-OPERATIVE SOCIETIES (INDUSTRIAL)

Sl. No.	Items	Primary Weavers Co-operative Societies		Industrial Weavers Co-operative Societies		Central Apex Societies		
		65-66	69-70*	65-66	69-70	65-66	69-70	
1	2	3	4	5	6	7	8	
1	No. of Societies	17	23			—	—	
2	No. of Members	2289	2549			—	—	
3	Paid up share capital (Rs. in lakhs)	2.48	3.61			—	—	
4	Deposits	0.66	} 5.05			—	—	
5	Borrowings	3.02					—	—
6	Other funds	0.71					—	—
7	Total working capital	6.87	8.66			—	—	
8	Loans issued to members	0.01	N.A.			—	—	
9	Loans repaid	—	N.A.			—	—	
10	Loans outstanding	0.01	N.A.			—	—	

Source:—Director of Industries & Commerce.

*Includes Industrial Weaver's Co-operative Societies.

—Nil

VIII INDUSTRIAL STATISTICS

Table 8.1

DISTRIBUTION OF WORKING FACTORIES (REGISTERED)

Sl. No.	Industry	District		State
		1966	1969	1969
1	2	3	4	5
1	Canning and Preservation of fruits and vegetables	..	..	9
2	Do. fish and other sea food	14	20	27
3	Rice mills flour mills	4	2	85
4	Sugar	..	1	4
5	Oil Mills	37	37	260
6	Tea Factories	1	1	121
7	Cashew factories	4	4	264
8	Other food articles except beverages*	2	..	..
9	Beedi and Cigar	5	3	41
10	Cotton textiles	6	5	193
11	Knitting	..	..	9
12	Coir	13	12	144
13	Other textiles	1	1	1
14	Umbrellas	1	2	16
15	Saw mills	39	64	297
16	Plywood	1	1	14
17	Other Timber Industries	21	13	77
18	Paper Board Straw Board	..	..	5
19	Paper Mills	..	1	6
20	Printing and Binding	38	44	234
21	Rubber and rubber products	17	4	71
22	Artificial Manures	5	4	12
23	Pharmaceuticals	2	4	23
24	Soap	3	2	7
25	Other Chemicals	11	24	69
26	Petroleum Refineries etc.	5	5	5
27	Bricks and Tiles	19	19	227
28	Glass	1	1	2
29	Pottery, China and Earthenware	..	..	8
30	Cement	..	..	3
31	Basic Metal Industries	11	11	36
32	Metal Product except Machinery and Transport equipment	23	8	32

1	2	3	4	5
33	Agricultural implement			
34	General and Jobbing engineering	2	3	9
35	Other Machinery except electrical Machinery*	23	27	95
		2	..	..
36	Electrical Machinery			
		9	4	10
37	Marine Engines, building and Repairing	7	6	9
38	Repair of Motor vehicles	15	18	154
39	Manufacture of Bicycles	2	2	6
40	Other Industries not classified above	21	66	450
	Total	365	423	3035

* Includes on item No. 40 for the year 1969.

Source:—Bureau of Economics & Statistics.

IX. LABOUR STATISTICS

Labour and employment details with special emphasis on industrial and factories are given in this section. The tables covering on average daily number of workers in factories, employment in plantation, employment in shops and commercial establishments, Industrial disputes, Agricultural wages and employment exchange statistics, etc., are furnished.

Table 9.1

AVERAGE DAILY NUMBER OF WORKERS IN REGISTERED FACTORIES
ERNAKULAM DISTRICT

Sl. No.	Industry	District		State
		1966	1969	1969
1	2	3	4	5
1	Canning and Preservation of fruits and vegetables	..	..	538
2	Do. Fish and other sea food	1332	1419	1535
3	Rice mills flour mills	73	23	997
4	Sugar	..	65	1100
5	Oil Mills	295	220	1613
6	Tea Factories	10	17	5131
7	Cashew factories	1427	958	97494
8	Other food articles except beverages	84	..	..
9	Beedi and Cigar	109	34	1140
10	Cotton textiles	1529	1246	15192
11	Knitting	..	..	540
12	Coir	1190	535	4247
13	Other textiles	814	911	911
14	Umbrellas	17	37	374
15	Saw mills	555	763	4260
16	Plywood	21	14	1536
17	Other Timber Industries	682	395	1471
18	Paper Board Straw Board	..	..	128
19	Paper Mills	..	14	2690
20	Printing and Binding	723	909	5232
21	Rubber and rubber products	660	53	2710
22	Artificial Manures	3953	4163	4405

1	2	3	4	5
23	Pharmaceuticals	77	156	942
24	Soap	916	730	1027
25	Other Chemicals	987	6349	8067
26	Petroleum Refineries, etc.	1060	609	609
27	Bricks and Tiles	928	862	12618
28	Glass	310	319	369
29	Pottery, China and Earthenware	..	..	786
30	Cement	..	..	307
31	Basic Metal Industries	1124	990	2043
32	Metal Product except Machinery and Transport equipment	576	74	243
33	Agricultural implements	90	92	368
34	General and Jobbing engineering	559	452	2529
35	Other Machinery except electrical Machinery *	2096	..	..
36	Electrical Machinery	567	904	1096
37	Marine Engines, building and Repairing	1041	1200	1380
38	Repair of Motor Vehicles	498	668	4794
39	Manufacture of Bicycles	70	26	130
40	Other Industries not classified above	507	1376	13662
	Total	24880	26585	204264

* Includes in the item No. 40 for the year 1969.

Source:—Bureau of Economics and Statistics, Trivandrum.

Table 9.2
EMPLOYMENT IN PLANTATION

(Daily average)

Industry/Plantation	District		State
	1965—66	1969—70	1969—70
1	2	3	4
Plantation			
<i>Rubber Plantation</i>			
Garden labour permanent	6236	7610	63876
Outside labour do.	1977	2413	26515
Do. temporary	3056	3729	39398
Total	11269	13752	129789
<i>Coffee Plantation</i>			
Garden labour permanent	141	151	19579
Outside labour do.	6	6	16711
Do. temporary	15	16	5050
Total	162	173	41340
<i>Tea Plantation</i>			
Garden labour field	91	130	59653
Do. factory	10	148	5117
Outside labour field	11	24	7905
Do. factory	N.A.	3	283
Total	112	305	72958

Source: B. E. & S.

A. FACTORY EMPLOYMENT

Table 9.3

INDUSTRIAL DISPUTES

Industry	1966			1969			1970		
	Number of			Number of			Number of		
	Disputes	Workers involved	Mandays lost	Disputes	Workers involved	Mandays lost	Disputes	Workers involved	Mandays lost
1	2	3	4	5	6	7	8	9	10
Plantation	4	6362	265809	..	..	..	..	..	..
Toddy tapping	1	98	294	..	..	476	..	1	..
Saw mill	..	640	..	1	17	378	..	..	..
Rubber	1	62	3400	1	27	1540	..	..	..
Matches	2	438	2046	1	110	3250	3	354	2966
Tiles	1	9	8038	..	125	..	..	..	..
Timber	3	129	81	..	..	..	..	..	..
Coir	..	NA	805	..	..	..	2	142	3038
Textiles	NA	NA	NA	18	2875	58007	34	7072	148543
Others	..	NA	NA	..	..	..	..	..	..

Source: B. E. & S.

A. FACTORY EMPLOYMENT

Table 9.4

AGRICULTURAL WAGES (daily average in Rs.)

Category	Year	District		Kerala State	
		Normal hours of work	Average wages Rs.	Normal hours of work	Average wages Rs.
1	2	3	4	5	6
Carpenter	1965-66	8	5.85	8	5.33
	1970-71	8	8.25	8	7.51
Mason	1965-66	8	6.10	8	5.26
	1970-71	8	8.27	8	7.48
Field Labourer (Men)	1965-66	8	4.15	8	3.40
	1970-71	8	5.83	8	5.09

Source: Bureau of Economics & Statistics.

B. EMPLOYMENT EXCHANGE STATISTICS

Table 9.5

NUMBER OF APPLICANTS ON THE LIVE REGISTER BY MAIN
OCCUPATIONAL GROUPS (CATEGORY-WISE)

Sl. No.	Occupation Category	District
		1966
1	2	3
1	Professional, Technical and related workers	2410
2	Administrative, Executive and Managerial workers	112
3	Clerical and related workers	2356
4	Sales workers	10
5	Farmers Fishermen, hunters and related workers	195
6	Miners, Quarrymen and related workers	1
7	Workers in transport and communications occupations	823
8	Craftmen, Production Process Workers and Labour not elsewhere classified	3849
9	Service, Sports and Recreation workers	1038
10	Workers not classifiable by occupation	12520
	Total	23313

Source: District Employment Officer, Ernakulam

B. EMPLOYMENT EXCHANGE STATISTICS

Table 9.6
REGISTRATION AND PLACEMENTS EFFECTED BY EMPLOYMENT EXCHANGE

District/State	Total number on live register			Number of fresh registration			No. of vacancies notified			No. of placements effected		
	1966	1969-70	1970-71	1966	1969-70	1970-71	1966	1969-70	1970-71	1966	1969-70	1970-71
1	2	3	4	5	6	7	8	9	10	11	12	13
District	23315	34826	49702	21440	23080	33181	NA	4249	4274	2307	2489	2710
State	NA	238541	300163	NA	173593	220952	NA	24574	24613	NA	18870	16951

Source: Employment Exchanges

NA: Not available

Table 10.1—(Contd.)

Commodity		Wholesale prices during 1971									
		May	June	July	August	September	October	November	December		
1		9	10	11	12	13	14	15	16		
Copra	{	356.75	350.25	363.20	381.75	371.25	362.00	343.63	338.70		
		363.13	352.50	363.00	386.88	372.50	359.50	346.25	333.00		
		349.25	345.00	349.20	371.50	359.50	344.20	335.50	333.60		
		360.25	355.69	361.55	378.13	369.63	357.85	340.44	337.00		
		—	350.00	361.67	380.63	366.67	353.40	345.00	335.50		
Coconut oil	{	564.50	568.75	570.50	597.50	581.25	565.50	538.75	536.00		
		555.94	542.44	556.00	583.75	568.44	552.25	516.25	514.50		
		560.75	553.75	566.00	593.50	578.13	562.00	537.50	526.00		
		556.25	551.00	560.40	588.00	571.50	551.40	525.25	514.40		
		555.81	549.25	561.00	588.75	577.00	558.45	531.88	521.00		
Coconut oil cake	{	86.13	90.00	93.60	89.00	84.00	86.20	97.50	100.20		
		—	84.38	85.00	82.31	74.58	79.75	87.50	92.50		
		78.12	85.01	86.10	83.12	77.33	79.54	88.38	92.34		
		88.00	92.00	95.00	90.25	87.50	91.00	99.75	106.00		

Source:
— Nil

Table 10.1—(Contd.)
WHOLESALE PRICES OF IMPORTANT COMMODITIES AT IMPORTANT CENTRES

Commodity	Centre	Unit	Average 1971	Wholesale prices during 1971			
				January	February	March	April
1	2	3	4	5	6	7	8
Black Pepper	Cochin	Qntl.	640.73	631.70	649.00	659.13	697.05
	Alwaye	"	614.71	602.00	617.50	631.25	685.00
	Moovattupuzha	"	634.90	602.00	615.00	641.25	703.00
	Kothamangalam	"	635.28	600.00	610.00	643.33	699.00
	Thodupuzha	"	646.23	604.00	620.00	632.50	696.00
Turmeric	Cochin	"	143.16	227.50	187.50	153.75	166.00
	Kothamangalam	"	141.73	185.00	—	136.67	142.00
	Thodupuzha	"	123.12	160.00	155.00	—	—
Arcanaut	Ernakulam	1000 Nos.	32.91	31.20	31.50	34.88	40.65
	Kothamangalam	"	27.61	27.50	27.50	28.33	31.00
	North Parur	"	41.92	39.75	42.50	51.88	59.00
Lemon grass oil	Cochin	Qntl.	2663.75	2820.00	2850.00	3075.00	2980.00
	Alwaye	Qntl.	2628.47	2810.00	2875.00	3012.50	2930.00

Table 10.1 (Contd.)

Wholesale prices during 1971

Commodity	Wholesale prices during 1971											
	May	June	July	August	September	October	November	December				
	9	10	11	12	13	14	15	16				
Black Pepper	653.18	679.50	700.05	674.50	641.56	603.60	563.81	536.35				
	643.75	666.25	685.00	670.00	630.00	590.00	548.75	567.00				
	661.25	688.75	704.00	680.00	657.50	607.00	565.00	494.00				
	657.50	672.50	696.00	690.00	651.25	616.25	567.50	520.00				
	657.50	678.75	700.00	682.50	661.25	601.00	575.00	—				
Turmeric	141.25	117.50	95.00	116.25	123.75	121.25	125.00	—				
	125.00	120.00	80.00	—	—	—	—	—				
Arecanut	45.00	41.88	35.00	30.63	31.25	27.00	20.94	25.00				
	36.25	40.00	40.00	23.75	20.00	19.50	17.50	20.00				
	66.25	46.25	51.50	33.75	30.88	28.00	26.56	26.70				
Lemon grass oil	2818.75	2681.25	2530.00	2075.00	2250.00	2450.00	2675.00	2750.00				
	2768.75	2687.50	2460.00	2000.00	2200.00	2410.00	2650.00	2720.00				

Table 10.1—(Contd.)

WHOLESALE PRICES OF IMPORTANT COMMODITIES AT IMPORTANT CENTRES

Commodity	Centre	Unit	Average 1971	Wholesale prices during 1971				
				January	February	March	April	May
				1	2	3	4	5	6	7	8	9
Lemon grass oil	Movattupuzha Kothamangalam Ernakulam	Qntl.	2630.42	2780.00	2850.00	3050.00	2930.00	2775.00
		1000 Nos.	2543.42	2800.00	2850.00	—	—	—
		„	183.17	158.00	155.00	157.50	148.00	232.50
		„	168.51	144.00	145.00	145.00	146.00	182.50
Banana	Movattupuzha Thodupuzha	„	177.66	168.00	175.00	166.25	172.00	205.00
		„	182.90	149.00	155.00	157.50	177.00	227.50
		„	173.33	154.00	160.00	147.50	152.00	195.00
		Qntl.	23.93	25.40	26.00	25.25	23.00	23.00
Tapioca	North Parur	„	—	—	—	—	—	—
		„	—	—	—	—	—	—
		„	—	—	—	—	—	—
		Qntl.	—	—	—	—	—	—
Cashewnut	Moovattupuzha Kothamangalam	Qntl.	—	—	—	—	—	—
		1000 Nos.	506.90	634.00	565.00	525.00	522.00	512.50
		„	558.37	621.50	637.50	525.00	533.75	532.50
		„	571.00	682.00	600.00	568.75	577.00	556.25
Coconut (without husk)	Thodupuzha North Parur	„	532.21	629.00	567.50	555.00	634.00	600.00
		„	546.40	678.80	562.50	536.25	549.40	525.50
		„	—	—	—	—	—	—
		„	—	—	—	—	—	—

Table 10.1—(Concid.)

WHOLESALE PRICES OF IMPORTANT COMMODITIES AT IMPORTANT CENTRES

Commodity	Centres	Wholesale prices during 1971															
		June	July	August	September	October	November	December									
		10	11	12	13	14	15	16									
1	2																
Lemon grass oil	Moovattupuzha	2687.50	2490.00	2037.50	22200.00	2420.00	2625.00	2720.00									
	Kothamangalam	2675.00	2530.00	2087.00	2212.50	2420.00	2606.25	2710.00									
Banana	Ernakulam	212.50	184.00	197.50	190.00	178.00	205.00	180.00									
	Alwaye	217.50	172.00	182.50	180.00	162.00	176.67	169.00									
	Moovattupuzha	213.75	188.00	177.50	170.00	165.00	167.50	164.00									
	Toodupuzha	225.00	189.00	175.00	196.25	169.00	197.50	177.00									
Tapioca	North Parur	195.00	172.00	172.50	180.00	180.00	200.00	172.00									
	North Parur	23.50	22.40	22.38	24.25	24.40	22.75	24.80									
Cashewnut	Moovattupuzha	—	—	—	—	—	—	—									
	Kothamangalam	—	—	—	—	—	—	—									
Coconut without husk	Ernakulam	492.50	470.00	497.50	490.00	468.00	456.25	450.00									
	Cochin	500.00	—	—	—	—	—	—									
	Alwaye	550.00	525.00	556.25	587.50	567.00	558.25	524.00									
	Thodupuzha	562.50	511.00	531.25	496.20	450.00	435.00	415.00									
	North Parur	621.25	532.00	557.50	537.00	521.25	491.25	444.00									

Table No. 10.2

CONSUMER PRICE INDICES FOR WORKING CLASS FOR THE CENTRES IN THE DISTRICT

Name of Centre/ District	Average		Average 1971	Working Class cost of living index number 1971											
	1961	1966		Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Ernakulam	493	698	881	878	865	860	862	866	875	876	882	896	899	904	912
Alwaye	479	676	858	852	839	837	840	844	853	854	859	870	875	880	891
KERALA	478	673	857	851	838	835	838	843	851	853	858	871	875	879	888

N. B. — Base price is August 1939=100

Source: Bureau of Economics and Statistics.

TRANSPORT AND COMMUNICATION

Table No. 11.1

LENGTH OF METALLED AND NON-METALLED ROADS (IN Kms.)

Type of Road	Public works Department		Others*		Total		State Total 1967-68		
	1965-66	1967-68	1965-66	1967-68	1965-66	1967-68	Public works Department	Others	Total
	2	3	4	5	6	7	8	9	10
Cement or concrete	92.00	27.62	..	0.50	92.00	28.12	408.40	36.04	444.44
Bituminous or tarred	834.00	962.69	149.00	192.86	983.00	1155.55	6503.12	985.59	7488.71
Water bound	943.00	783.46	61.00	79.51	1004.00	862.97	4838.96	536.72	5375.68
Maccadam									
Lower Type	401.00	511.50	280.00	390.33	681.00	901.83	2903.28	2125.56	5028.84
Total	2270.00	2285.27	490.00	663.20	2760.00	2948.47	14653.76	3683.91	18337.67

Source: (1) Public works Department.

(2) Irrigation Department.

(3) Forest Department.

(4) Municipalities.

* Includes roads under Forest Department Irrigation Department and Municipalities.

NOTE:—Roads maintained by Panchayats and Kerala State Electricity Board have not been included.

Table No. 11.2
NUMBER OF REGISTERED MOTOR VEHICLES ON ROAD

Sl. No.	Type of vehicles	District		State
		1965-66	1970-71	1970-71
1	2	3	4	5
1	Goods vehicles	1339	2281	13162
2	State Carriages (Buses)	359	581	6563
3	Taxi Cars	672	1657	8848
4	Cars (Private)	3877	6168	33294
5	Motor cycles	1241	3410	15117
6	Auto-rickshaws	20	193	1662
7	Tractor Trailer	19	311	2046
8	Others	1	374	6142
	Total	7528	14975	86234

Source: Economic Review 7 and Commissioner of Motor Vehicles Department.

Table No. 11.3

POSTS AND TELEGRAPH OFFICES AND RADIO LICENCES

Descriptions	District		State
	1965-66	1970-71	1970-71
1	2	3	4
I. Number of Post Offices			
(1) Head Post Offices	3	3	25
(2) Department Sub-Post Offices.	88	119	1058
(3) Extra Department Branch Offices.	249	235	2776
II. Number of Telegraph Offices.	60	85	692
III. Number of Telephone connections	7005	8422	37968
IV. Number of Telephone Exchanges	22	27	234
V. Number of Public call offices			
(1) Trunk call offices	N. A.	14	122
(2) Local call offices	81	100	814
VI. Number of Letter Boxes	..		
(1) Urban	422	423	2498
(2) Rural	708	699	7772
VII. Number of radio licences	17557	40773	285224

Source: Post Master General of Kerala.

N. A. Not available.

Table 11.4

LENGTH OF RAILWAYS (IN KILOMETRES)

Type of Gauge	District		Kerala State
	1965-66	1969-70	1965-66
1	2	3	4
Broad gauge	41.04	41.04	553
Meter gauge	29.00	29.00	335
Mixed gauge	8.00	8.00	8
TOTAL	78.04	78.04	896

Source: Chief Engineer Office, Cochin Harbour Terminus
Divisional Manager, Olavakot.

Table 11.5

WORKING OF STATE ROAD TRANSPORT CORPORATION

Description	District		Kerala State
	1965-66	1970-71	1970-71
1	2	3	4
No. of routes ..	21	127	1294
Route Distance (Kilometres) ..	N. A.	6297	51189
Gross Kilometres operated (1000 km.) ..	4038.00	14911.55	106067.18
Effective kilometres operated do. ..	N. A.	14770.59	104509 64
Dead kilometres operated do. ..	N. A.	140.96	1557.54
Percentage of dead kilometres to effective kilometres ..	N. A.	1.0	1.4

Source: Kerala State Road Transport Corporation.

NOTE: The Transport Districts Ernakulam and Alwaye are included in Ernakulam District.

N. A. Not available.

Table 11.6

NUMBER OF VEHICLES INVOLVED, ACCIDENTS ON ROAD, PERSONS KILLED & INJURED

District/State	No. of vehicles involved		No. of accidents		No. of persons injured		No. of persons killed	
	1969-70	1970-71	1969-70	1970-71	1969-70	1970-71	1969-70	1970-71
1	2	3	4	5	6	7	8	9
Ernakulam	726	863	695	785	676	888	99	110
State	4756	4902	4258	4387	4349	4785	621	627

Source: Inspector General of Police, Kerala.

XII. JUDICIAL AND ADMINISTRATIVE STATISTICS

This section mainly deals with the details on Police Stations and outposts, strength of Police force by categories, serious crimes, & property stolen and recovered.

Table 12.1

POLICE STATIONS & OUT POSTS

District	Number of Police Stations		No. of Out Posts	
	1966	1970	1966	1970
1	2	3	4	5
District	27	30	20	14
State	221	249	146	120

Source: Inspector General of Police, Kerala

Table 12.2

STRENGTH OF POLICE FORCE IN THE DISTRICT BY CATEGORIES

District/State	Year	Deputy Inspector General	Superintendent	Assistant Superintendents	Deputy Superintendents	Inspectors	Sub-Inspectors	Sergants	Assistant Sub-Inspectors/Jamadar	Head Constables	Constables	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
District	1965-66		2	1	2	12	46	—	10	280	1537	1800
	1969	1*	2	..	7	13	46	—	11	270	1477	1827
State	(1969)	3*	18	6	36	119	417	—	66	1985	10804	13454

Source: (1) Deputy Superintendent of Police, Ernakulam.

(2) I.G. of Police, Kerala.

* For Central Zone.

—Nil.

Table 12.3
SERIOUS CRIMES

Sl. No.	Item of Crime	District		Kerala State
		1965-66	1970	1970
1	2	3	4	5
1	Rioting	42	390	4268
2	Offences, relating to Coins			
3	Offences relating to currency and Bank notes	2	3	59
4	Murder	4	41	372
5	Culpable Homicide not amounting to Murder	2	—	1
6	Administering of stupefying drugs	—	—	—
7	Kidnapping and abductions	—	10	75
8	Dacoity	—	5	42
9	Robbery	8	36	154
10	House Breaking and thefts	231	458	3414
11	Cheating	7	37	196
12	Breach of trust	32	73	381
13	Thefts	234	1096	5395
14	Other crimes	781	2016	17260
	TOTAL	1343	4165	31617

Source: (1) District Superintendent of Police (D.I.B.), Ernakulam.
(2) Inspector General of Police, Kerala.
— Nil

Table 12.4

PROPERTY STOLEN AND RECOVERED

Sl. No.	Description	District		State
		1966	1970	1970
1	2	3	4	5
1	Property Stolen (Value in Rs.)	155782	1063082	5427153
2	Property recovered (do.)	54517	320904	1394394
3	Percentage	35.0	30.2	25.7

Source:—(1) Deputy Superintendent of Police (D.I.B.), Ernakulam.

(2) Inspector General of Police, Kerala.

XIII LOCAL BODIES

The section on local bodies furnishes information relating to population income and expenditure of Municipalities and Panchayats. The table covering the name and number of Panchayats and Villages with their population in the District is also included.

Table No. 13.1

POPULATION, INCOME AND EXPENDITURE OF MUNICIPALITIES

(R. in '000)

Name of Corporation/ Municipality	Income										
	Municipal Rates and Taxes		Other receipts		Total Income		Opening balance		Grand Total		
	65-66	70-71	65-66	70-71	65-66	70-71	65-66	70-71	65-66	70-71	
1	2	3	4	5	6	7	8	9.	10	11	12
Population 1971											
Cochin Corporation**	439066	3462.25	8044.00	2521.56	2011.00	5980.80	1055.00	1065.41	1200.00	7046.21	11255.00
Parur Municipality	24393	157.99	243.00	176.69	333.73	334.68	576.73	128.69	131.71	463.37	708.44
Alwaye Municipality	24067	356.05	443.70	83.82	984.46	439.86	1428.16	185.70	216.61	625.56	1644.77
Moovattupuzha Municipality	22137	103.79	231.00	102.39	768.16	206.18	999.16	50.34	113.74	256.52	1112.90
Perumbavoor Municipality	20888	226.58		50.67		277.26		38.84		316.10	

* Relate to the year 69-70.

** 65-66 figures are the totals of 3 Municipalities viz. Mattancherry, Ernakulam and Fort Cochin.

Table 13.1—(Contd.)

Name of Corporation/ Municipality	Expenditure									
	Current Expenditure		Capital Expenditure and others		Total Expenditure		Closing Balance		Grand Total	
	65-66	70-71	65-66	70-71	65-66	70-71	65-66	70-71	65-66	70-71
	13	14	15	16	17	18	19	20	21	22
Cochin Corporation	3739.08	*5599.00	2236.55	*3659.00	5975.64	*9258.00	1070.57	*1997.00	7046.21	*11255.00
Parur Municipality	180.20	324.21	151.86	353.68	332.06	677.89	131.31	30.55	463.37	708.44
Alwaye Municipality	301.10	602.28	202.86	730.20	503.96	1332.48	121.60	312.29	625.56	1644.77
Moovattupuzha Municipality	14.01	290.22	182.01	588.48	196.02	878.70	74.55	234.20	270.57	1112.90
Perumbavoor Municipality	198.13		100.67		298.80		17.30		316.10	

Table 13.2

INCOME AND EXPENDITURE OF PANCHAYATS

(in Rs.)

Year	No. of Panchayats	Income			Expenditure	
		Opening balance	Receipts	Total	Expenditure	Closing balance
1	2	3	4	5	6	7
1969-70	101	3216976	6185386	9402362	6009823	3392539
1970-71	101	3292718	6343115	9635833	5813899	3821934

Source: District Panchayat office, Ernakulam.

Table 13.3
PANCHAYATS, VILLAGES AND POPULATION

Taluk	Name of Panchayats	No. of Panchayats	Population	
		1970-71	1961 (Census)	1971 (Census)
1	2	3	4	5
Thodupuzha	Kallurkad	15	10139	12205
	Alacode		17011	8057
	Arakulam		14169	23719
	Karimannur		17058	17451
	Kodikulam		15791	21831
	Kudayathur		9723	10443
	Muttom		7907	8930
	Udumbannur		17107	17095
	Velliamattam		12070	13196
	Manjallur		9939	11082
	Manakad		10827	12454
	Karimkunnam		9163	10089
	Kumaramangalam		12154	13544
	Purapuzha		8495	9654
Thodupuzha	19142	21156		
Moovattupuzha	Arakuzha		11662	13619
	Avoly		7945	11784
	Ayavana		12203	14392
	Maradi		7827	10935
	Paingathur		9989	11836
	Paipra		14930	21274

Table 13.3 (Contd.)
PANCHAYATS, VILLAGES AND POPULATION

Taluk	Name of Panchayats	No. of Villages <i>Panchayats</i>	Name of Villages	Popu- lation	<i>popalation</i>
			1970-71	1961 (Census)	1971 (Census)
1	2	3	4	5	6
Moovattu- puzha	Pothanicad	23		11777	13986
	Valakom		11965	14433	
	Elanji		12998	15047	
	Kuthattukulam		11363	13605	
	Manceed		11051	13600	
	Palakuzha		9701	11263	
	Pampakuda		12216	14319	
	Piravom		18337	22215	
	Ramamangalam		10695	13288	
	Thirumaradi		12717	14485	
	Kavalangad		15862	21752	
	Keerampara		8939	10570	
	Kothamangalam		22541	27807	
Kunnathu- Nadu	Kottapadi	13		9970	12124
	Nellikuzhy		16006	21534	
	Pindimana		9995	12557	
	Varappetty		9536	11972	
	Aikaranad		10998	13685	
	Kunnathunad		13555	18465	
	Muzhuvannur		18156	21773	
	Pootrika		12109	15150	
	Thiruvanchiyoor		12478	16319	
	Vadavukode		15885	19436	
	Asamannur		10230	12410	
	Koovappady		30879	39913	
	Mudakkuzha		10224	12520	
Alwaye	Rayamangalam			19251	23386
	Vengur		13533	15930	
	Kizhakambalam		16009	20332	
	Vazhakulam		13355	18440	
	Vengola		17385	23466	
	Churnikkara		19806	17577	
Alwaye	Kizhamad			13507	17964
	Ankamali		18908	24552	

Table 13.3
PANCHAYATS AND POPULATION

Taluk	Name of Panchayats	No. of Panchayats	Name of Villages 1970-7F	Population 1961 (Census)			
				1961	1971		
1	2	3	4	4	5		
Alwaye	Kanjoor	14		16278	15664		
	Karukutty		12227	23323			
	Malayattur		16045	16928			
	Manjapra		13182	19426			
	Mukkannur		20183	11177			
	Sreemulanagaveam		12699	16110			
	Chengamanad		13479	17920			
	Neelumpassery		15083	19798			
	Parakkadavu		17015	21722			
	Kaladi		13173	20808			
	Amballur		13724	16972			
	Edakkattuvayal		11824	14470			
	Kanayannur		Mulamthuruthi	16		14135	17302
			Thiruvankulam		18637	25057	
Thripoonithura		30035	36593				
Udayamperoor		17932	22273				
Cheranallur		12401	15135				
Thuravoor		15286	14276				
Kadamakudi		9229	11831				
Kalamasseri		17210	29546				
Thrikkakkara		16674	26862				
Vennala		15074					
Kumbalam	14821	18636					
Maradu	17017	22817					
Mulavukad	16065	19379					
Vyttila	20455						
Cochin	Edavanakkad	9		14023	16597		
	Elamkunnapuzha		26468	36358			
	Kuzhuppally		8858	10040			
	Nayarambalam		17129	20183			
	Narackal		16105	19221			
Pallippuram	27436	32881					

Table 13.3 (Concl'd.)

1	2	3	4	5	
Parur	Chellanam			20286	25025
	Kumbalangi			16500	19489
	Palluruthi			30662	
	Alangad			19221	25025
	Karumallur			16558	21056
	Kadungallur			17503	20974
	Eloor			27939	44393
	Chennamangalam	11		21998	24371
	Chittattukara			17304	20652
	Ezhikkara			11573	13939
	Kottuvally			20560	26378
Vadakkkekara			23023	27443	
Kunnukara			11835	15226	
Puthenvelikkara			16728	21850	

Source: District Panchayat Office, Ernakulam

XIV. FORESTS

This section gives information on area of reserved forests and reserved lands and out-turn of Major Forest Produce.

Table 14.1

AREA OF RESERVED FORESTS AND RESERVED LANDS
(MALAYATTUR DIVISION)

Category	District (in hectares)		State (in hectares)	
	1965-66	1969-70	1965-66	1969-70
1	2	3	4	5
Reserved Forests	68049.3	68047.03	883186	882656
Reserved Lands	Nil	1.34	17791	18980
Total	68049.3	68048.37	900977	901636

Source: Forest Department

Table No. 14.2
OUT-TURN OF MAJOR FOREST PRODUCE

District/Division	Timber									Fuel
	Round log (vol. in cum.)		Round poles (Nos.)		Sawn & squared (Nos.)		Firewood & char- cole (M. T.)			
	1965-66	1970-71	1965-66	1970-71	1965-66	1970-71	1965-66	1970-71		
1	2	3	4	5	6	7	8	9		
Malavattur Industrial Plantation circle, Perumbavoor	8364.000	10472.797	11516	43875	..	..	28256	..	..
"	N.A.	14615.517	N.A.	..	N.A.	..	N.A.	12227.25	..	
"	N.A.	13888.938	N.A.	..	N.A.	..	N.A.	5.00	..	
"	N.A.	34796.800	N.A.	16058	N.A.	..	N.A.	21196.95	..	

Source: Forest Department.

--Nil.

N.A. Not available

XV. POWER

The details on consumers and consumption of electricity are given in this section.

Table No 15.1

CONSUMERS OF ELECTRICITY

Sl. No.	Electrical Division	No. of Consumers of Electricity (excluding Street Light)			No. of villages electrified			No. of Street Lights
		1965-66	1969-70	1970-71	1965-56	1969-70	1970-71	
1	2	3	4	5	6	7	8	9
1	Ernakulam	28640	26255	25947	N.A.	} 106	106	6095
2	Moovattupuzha*	..	40179	43380				13814

Source: Kerala electricity Board, Trivandrum.

* Electrical Division, Moovattupuzha is formed only during 1969-70.

— Nil.

N.A. Not available.

Table No. 15.2
CONSUMPTION OF ELECTRICITY

Sl. No.	Classes of Consumers	1965-66	1970-71
		Million K.W.H.	Million K.W.H.
1	2	3	4
1	Domestic Heat & Small Power	7.98	8.08
2	Domestic Lights and Fans		
3	Commercial Heat and Small Power	1.28	0.67
4	Commercial Light and Small Power		
5	Industrial Power at low and medium voltage	16.54	20.52
6	Industrial Power at high voltage	306.69	N.A.
7	Public Lighting	0.76	1.24
8	Agriculture and Irrigation dewatering	5.06	9.00
9	Public water works and Sewage pumping	1.86	0.19
10	Bulk supplied to distributing licensees	32.14	..
	Total	372.31	44.79

Source: Kerala State Electricity Board.

— Nil.

N.A. Not available.

XVI. COMMUNITY DEVELOPMENT PROGRAMME

This section gives general information on C. D. Blocks with their financial achievement.

Table 16.1

GENERAL DETAILS OF C. D BLOCKS

Sl. No.	Name of Block	Block Head Quarters	Nearest Post Office	Present status	Month and year of opening	No of Pan-chayats	No. of villages covered	Population 1971 census	Area in Hectares
1	2	3	4	5	6	7	8	9	10
1	Angamaly	Angamaly	Angamaly	Post stage II	Oct. 1952	8	9	162264	16576
2	Moovattupuzha	Moovattupuzha	Moovattupuzha	do.	" 1953	8	9	112259	21164
3	Thodupuzha	Kolani	Kolani	do.	April 1956	7	7	90184	5557
4	Pampakuda	Anchelpetty	Anchelpetty	do.	Oct. 1956	8	9	117822	20527
5	Alengad	Alengad	Alengad	do.	April 1957	4	4	111448	6249
6	Parur	Kottuvally	Kaitharam	do.	Oct. 1957	5	4	112783	7332
7	Palluruthy	Palluruthy	Palluruthy	do.	April 1958	3	4	44514	5557
8	Kothamangalam	Kothamangalam	Kothamangalam	do.	Oct. 1958	7	7	118316	23793
9	Koovappady	Kuruppumpady	Kuruppumpady	Stage II	April 1959	5	6	104159	16446
10	Vypeen	Kuzhippally	Ayampilly	do.	Oct. 1959	7	7	154659	8683
11	Elamdesam	Alacode	Elamdesam	do.	April 1960	8	9	151391	7700
12	Mulanthuruthy	Mulanthuruthy	Mulanthuruthy	do.	Oct. 1960	6	12	132667	13598
13	Parakkadavu	Kurumasserry	Kurumasserry	do.	April 1961	5	4	96516	9582
14	Vadavucode	Puthencruz	Puthencruz	do.	Oct. 1961	6	6	104828	18594
15	Vythila	Vythila	Vythila	do.	April 1962	3	3	41453	4635
16	Vazhakkulam	Alwaye	Alwaye	do.	May 1963	5	5	113990	13074
17	Edappally	Edappally	Edappally	do.	do.	6	6	83374	8876

Source:—District Collector, Ernakulam

Table 16.2

ACTUAL EXPENDITURE AND BUDGET PROVISION OF BLOCKS

Head of Account	1969-70		1970-71	
	Budget provision	Expenditure	Budget provision	Expenditure
1	2	3	4	5
Block Headquarters	1346200	1564844	1532200	1568000
Agriculture and Animal Husbandry	188800	1004305	148700	149293
Irrigation	33000	32473	25420	20597
Health and Rural Sanitation	53000	57650	56170	36502
Education	21000	36829	30125	24469
Social Education	26500	25395	25875	27092
Communication	66000	74670	106820	103318
Industries	50200	57614	50630	59503
Housing				
Total	1784700	2853780	1975940	1988774

Source:—Office of the District Collector

Nil

XVII. REGISTRATION

Registration of documents and their value are given in this section in two tables.

Table 17.1
REGISTRATION OF DOCUMENTS

Sl. No.	Category	District		
		1965-66	1969-70	1970-71
1	2	3	4	5
1.	Number of sub-registry offices	18	18	18
2.	Number of documents presented for registration	54589	52787	56519
	Nature of documents presented:	..	..	..
3.	Mortgages	10996	10680	11385
4.	Sale deed	22994	20192	23849
5.	Wills	556	695	559
6.	Money bonds	88	132	198
7.	Other classes	79955	21088	20528
8.	No. of documents registered	53387	52706	56508
9.	Value of Documents registered (Rs. in lakhs)	1208.27	2127.68	1684.21

Source: Inspector General of Registration.

Table 17.2
DOCUMENTS REGISTERED AND VALUE

Sl. No.	Nature of documents	Number of documents registered			Value of documents registered (Rs. in lakhs)		
		1965-66	1969-70	1970-71	1965-66	1969-70	1970-71
1	2	3	4	5	6	7	8
1	Mortgages	10754	10680	11372	N.A.	372.11	372.89
2	Sales deeds	21778	20192	23846	N.A.	381.34	798.58
3	Wills	545	695	558	N.A.	..	..
4	Money bonds	82	132	198	N.A.	6.12	6.01
5	Other classes	20228	21007	20534	N.A.	1368.11	506.73
	Total (District)	53387	52706	56508	1208.27	2127.68	1684.21

Source: I. G. of Registration.

XVIII. EXCISE

Tables giving particulars of taluk-wise liquor shops, rentals obtained in auction, details of tree tapped and tree tax collected and licence fee on foreign liquors.

Table 18.1

LIQUOR SHOPS

Sl. No.	Name of taluk	1965-66			1970-71		
		No. of toddy shop	No. of arrack shop	No. of foreign liquor shop (including wholesale shop)	No. of toddy shop	No. of arrack shop	No. of foreign liquor shop (including wholesale shop)
1	2	3	4	5	6	7	8
1	Kanayannur	81	36	1	81	36	18
2	Cochin	42	29	1	48	30	6
3	Alwaye	51	20	1	51	20	3
4	Kunnathunad	51	20	1	51	20	1
5	Parur	43	20	..	44	20	..
6	Muvattupuzha	59	17	1	60	19	4
7	Thodupuzha	35	9	1	35	9	2
	ERNAKULAM DISTRICT	362	151	6	370	154	34
	KERALA STATE	1109	397	NA	2371	966	136

Source: (1) Board of Revenue, Trivandrum for 1970-71.

(2) Assistant Excise Commissioner, Ernakulam for 1965-66.

Table 18.2

RENTALS OBTAINED IN AUCTION SALE OF ABKARI SHOPS

(in Rupees.)

Sl. No.	Name of taluk	1965-66				1970-71			
		Toddy shop	Arrack shop	Foreign liquor shop	Toddy shop	Arrack shop	Foreign liquor shop	Toddy shop	Arrack shop
1	2	3	4	5	6	7	8		
1	Kanayannur	998100	539100	28100	1741500	1033700	497350		
2	Cochin	920200	356000	25000	745100	781600	114250		
3	Alwaye	1639600	276200	35000	1803100	925400	123550		
4	Kunnathunad	1318100	259000	27000	1542000	732100	43000		
5	Parur	869200	188400	..	476100	390100	..		
6	Muvattupuzha	2093200	421100	29600	2652111	1314700	150050		
7	Thodupuzha	1262700	266100	17400	1445000	522600	32500		
	ERNAKULAM DISTRICT	9106100	3325100	162100	10404911	5700200	960700		
	KERALA STATE	NA	NA	NA	39360317	27646124	3860900		

Source: (1) Assistant Excise Commissioner, Ernakulam (for the year 1965-66).
 (2) Board of Revenue, Trivandrum (for the year 1970-71).

Table 18.3
TREE TAPPED AND TREE TAX COLLECTED

Sl. No.	Name of taluk	1965-66			1970-71		
		Coconut tree tapped (No.)	Choondapana tapped (No.)	Tree tax (Rs.)	Coconut tree tapped (No.)	Choondapana tapped (No.)	Tree tax (Rs.)
1	2	3	4	5	6	7	8
1	Kanayannur	19711	286	202890	19959	350	413180
2	Cochin	11568	..	115680	11326	..	226520
3	Alwaye	12034	305	126440	12827	366	271180
4	Kunnathunad	1943	2701	73450	3189	2928	180900
5	Parur	11218	..	112180	10532	..	210640
6	Moovattupuzha	1670	7622	177250	1850	7889	352560
7	Thodupuzha	625	2303	69660	943	3181	146100
	ERNAKULAM DISTRICT	58769	13217	877550	60626	14714	1801080
	KERALA STATE	NA	NA	NA	285119	37452	6515860

Source: (1) Board of Revenue (for the year 1970-71).

(2) Assistant Excise Commissioner, Ernakulam (for the year 1965-66).

Table 18.4

LICENSE FEE ON FOREIGN LIQUORS, WINE ETC.

(Rs.)

Sl. No.	Kind of fee	District		State
		1965—66	1970—71	1970—71
1	2	3	4	5
1	Taveran (Retail)	162100	..	..
2	Wholesale License fee	84000	..	..
3	License fee for the sale of medicated wine	..	..	..
4	Restaurant License fee	60000	88000	153600
5	License fee for the sale of foreign liquor in clubs	1000	2250	7250
6	Gallnage fee	853320	1540073	3818005
7	Others	..	890	4160
	Total	1160420	1631213	3983015

Source: (1) Board of Revenue, Trivandrum. (For the year 1970-71)

(2) Asst. Excise Commissioner, Ernakulam (For the year 1965-66),

XIX. SALES TAX

This section gives a comprehensive idea of the sale tax collection of the District in 1969-70. Tables on Registered dealers, assesseees classified according to grade analysis of general sale tax revenue, demand, collection, remission and balance under general and central sale tax, arrears under sale tax and the stages of arrears are incorporated.

Table 19.1

REGISTERED DEALERS

Year	No. of assesseees under Rule 14	No. of assesseees under rule 21.	Total No. of assesseees.	No. of non- assesseees.	Total No. of registered dealers.	Registered dealers under central sale tax
1	2	3	4	5	6	7
1965-66	4809	1426	6235	1903	8138	792
1969-70	5087	1958	7045	1565	8610	2990
State (1969-70)	33463	10378	43841	14107	57948	18569

Source : Board of Revenue.

Table 19.2

CLASSIFICATION OF ASSESSEES ACCORDING TO GRADE OF TURN OVER
ASSESSED TO SALES TAX

Grade of turnover	No. of assesseses to each grade	
	1965-66	1969-70
1	2	3
Below Rs. 10000	1177	616
Between Rs. 10001 & 15000	1438	1266
" Rs. 15001 & 20000	799	868
" Rs. 20001 & 25000	..	658
" Rs. 25001 & 30000	661	437
" Rs. 30001 & 40000	248	371
" Rs. 40001 & 50000	175	321
" Rs. 50001 & 60000	153	336
" Rs. 60001 & 70000	138	263
" Rs. 70001 & 80000	161	242
" Rs. 80001 & 90000	106	184
" Rs. 90001 & 100000	167	114
" Rs. 100001 & 200000	331	285
" Rs. 200001 & 300000	206	163
" Rs. 300001 & 400000	89	133
" Rs. 400001 & 500000	64	112
" Rs. 500001 & 600000	66	133
" Rs. 600001 & 700000	63	89
" Rs. 700001 & 800000	36	70
" Rs. 800001 & 900000	23	66
" Rs. 900001 & 1000000	24	53
Above Rs. 1000000	110	265

Source :- (1) Inspecting Asst. Commissioner, Ernakulam.

(2) Board of Revenue, Trivandrum.

Table—19.3

ANALYSIS OF REVENUE UNDER GENERAL SALESTAX (Rs. in '000)

Year	Salestax	Surcharge	Registration fee	License fee	Miscellaneous	Total
1	2	3	4	5	6	7
1965-66	60733.00	2863.00	89.00	1.00	143.00	63829.00
1969-70	125010.84	6028.75	96.45	0.52	185.98	131322.54
State (69-70)	279873.46	12774.94	665.95	7.12	2407.69	355729.16

Source: Board of Revenue.

Table—19.4

DEMAND, COLLECTION, REMISSION AND BALANCE
UNDER GENERAL SALESTAX (Rs. in '000)

Year	Demand	Collection	Remission	Balance
1	2	3	4	5
1965-66*	66927.21	62911.12	531.11	3484.98
1969-70	146660.26	125293.79	8898.89	12467.58
State (69-70)	352028.51	282954.31	17316.10	51758.10

* Including Surcharges.

Source: (i) Inspecting Asst. Commissioner (Sales tax) Ernakulam
(for the year 1965-66)

(ii) Board of Revenue (Taxes), Kerala (for the year 1969-70)

Table 19.5

DEMAND, COLLECTION, REMISSION AND BALANCE
UNDER CENTRAL SALESTAX

(Rs in '000)

Year	Demand	Collection	Remission	Balance
1	2	3	4	5
1965-66	7081.51	6541.84	18.23	521.44
1969-70	17686.80	12627.12	282.07	4777.61
State (69-70)	42247.48	28954.75	1334.26	11328.47

Source: (1) Inspecting Asst. Commissioner, Ernakulam
(for the year 1965-66)

(2) Board of Revenue, Kerala

Table 19.6

ARREARS UNDER SALESTAX PENDING COLLECTION
(GENERAL SALESTAX, SURCHARGE AND CENTRAL SALESTAX) (Rs. in '000)

Year	Arrears during	Arrears upto
1	2	3
1965-66	521.44	6677.12
1969-70	6850.63	17858.18
State (69-70)	24812.13	66290.94

Source: (1) Inspecting Asst. Commissioner, (Sales tax) Ernakulam
(for the year 1965-66)

(2) Board of Revenue (Taxes) Trivandrum
(for the year 1969-70)

Table 19.7

STAGES OF ARREARS UNDER SALESTAX (GENERAL SALESTAX,
SURCHARGE AND CENTRAL SALESTAX PENDING)

Sl. No.	Stages of action	Amount involved Rs. in 000	
		1965-66	1969-70
1	2	3	4
1	Revenue Recovery	2656.91	5833.46
2	Prosecution	451.97	..
3	Stay	1045.95	2183.25
4	Notice alone issued	..	3616.18
5	Not ripe for collection	130.35	728.70
6	Written off	155.25	875.54
7	Other action	479.88	2635.25
8	Protective assessment	1729.98	1098.21
9	Amount under application before the Magistrates	26.83	887.59
	Total	6677.12	17858.18

Source: (1) Figures for the year 1965-66 Inspecting Assistant Commissioner (Salestax) Ernakulam.

(2) Figures for the year 1969-70 Board of Revenue (Taxes) Trivandrum.

XX. AGRICULTURAL INCOME TAX

Agricultural Income Tax Statistics are furnished in this section in detail. Classification of persons assessed grade wise number of assessees and tax demanded analysis of agricultural income-tax revenue, Demand, collection remission and balance under agricultural income-tax, agricultural income-tax and super tax demanded on different agricultural produce and stages of arrears under agricultural income-tax are the main tables included.

Table 20.1

CLASSIFICATION OF PERSONS ASSESSED TO AGRICULTURAL INCOME TAX

Year	Individuals	Companies	Registered firms	Non-registered firms	Hindu undivided families	Tenants in common	Marumakkathayam, Nambodiri's family	Total
1	2	3	4	5	6	7	8	9
1965-66	1878	19	3	..	115	42	..	2057
1969-70	1979	26	2	..	115	64	..	2186

Source:—(1) Agricultural Income Tax Office, Alwaye and Moovattupuzha

(2) Board of Revenue, (Taxes), Trivandrum.

Table 20.2

NUMBER OF ASSESSEES ACCORDING TO SELECTED GRADE OF INCOME

Grade of Income	Individual		Hindu un-divided family		Tenants in common		Registered firm	
	1965-66	1969-70	1965-66	1969-70	1965-66	1969-70	1965-66	1969-70
	2	3	4	5	6	7	8	9
Up to Rs. 5000	627	1058	48	22	12	12	..	..
Rs. 5001 to 10000	1025	683	45	69	18	33	..	..
Rs. 10001 to 25000	181	211	22	21	10	14	..	..
Rs. 25001 to 55000	36	27	..	4	2	..	..	..
Rs. 55001 to 100000	9	..	..	..	..	1	3	2
Rs. 100000 to 300000	..	..	..	..	..	..	..	..
Above Rs. 300000	..	..	..	..	..	..	..	..
Total	1878	1979	115	119	42	60	3	2

Table 20.2—(contd.)

Grade of Income	Un registered firm		Association of Persons		Companies		Total	
	1965-66	1969-70	1965-66	1969-70	1965-66	1969-70	1965-66	1969-70
	10	11	12	13	14	15	16	17
Up to Rs. 5000	3	23	690	1115
Rs. 5001 to 10000	1	3	1089	788
Rs. 10001 to 25000	5	..	218	249
Rs. 25001 to 55000	9	..	47	31
Rs. 55001 to 100000	1	..	10	3
Rs. 100000 to 300000
Above Rs. 300000
Total	19	26	2057	2186

Source: (1) Board of Revenue (Taxes), Trivandrum.
 (2) Agricultural Income Tax Office, Alwaye and Moovattupuzha

Table 20.3

TOTAL AGRICULTURAL INCOME TAX DEMANDED ACCORDING TO SELECTED GRADES OF INCOME AND
CLASSES OF ASSESSEE

(in Rs.)

Grade of Income	Individual		Hindu undivided family		Tenants in common		Registered firms	
	1965-66	1969-70	1965-66	1969-70	1965-66	1969-70	1965-66	1969-70
	2	3	4	5	6	7	8	9
Up to Rs. 5000	6378	71020	11565	1311	10367	99	..	..
Rs. 5001 to 10000	361183	316719	30837	24140	38487	10914	..	..
Rs. 10001 to 25000	200897	590128	21005	42250	12872	33061	..	..
Rs. 25001 to 55000	87606	326594	..	..	7656	133652	..	..
Rs. 55001 to 100000	186521	..	..	..	..	..	..	..
Rs. 100001 to 300000	..	..	..	..	..	..	..	..
Above Rs. 300000	..	..	..	..	..	..	..	..
TOTAL	899987	1304461	63407	67701	69382	177726	..	..

Table 20.3—(Contd.)

Grade of Income	Unregistered firms		Companies		Association of persons			Total	
	1965-66	1969-70	1965-66	1969-70	1965-66	1969-70	1965-66	1969-70	
	10	11	12	13	14	15	16	17	
Up to Rs. 5000	2000	22420	..	..	87712	94850	
Rs. 5001 to 10000	2250	30389	..	..	432757	382162	
Rs. 10001 to 25000	15625	7096	..	..	250399	672536	
Rs. 25001 to 55000	39750	..	..	..	135012	460246	
Rs. 55001 to 100000	16588	..	..	..	203109	..	
Rs. 100001 to 300000	57902	..	..	..	57902	
Above Rs. 300000	
Total	76213	117807	..	..	1108989	1667695	

Source: (1) Board of Revenue (Taxes), Trivandrum.

(2) Agricultural Income-tax Office, Alwaye and Moovattupuzha.

XX. AGRICULTURAL INCOME TAX

Table 20.4

ANALYSIS OF AGRICULTURAL INCOME-TAX REVENUE (Rs.)

Year	Agricultural Income Tax	Agricultural Super tax	Surcharge	Penalty	Total
1	2	3	4	5	6
1965-66	728881	78714	45460	5894	858949
1969-70	1376322	100441	63448	1100	1441311

Source: (1) Board of Revenue, Taxes, Trivandrum

(2) Agricultural Income-tax Office, Alwaye & Moovattupuzha.

Table 20.5

DEMAND, COLLECTION, REMISSION AND BALANCE UNDER AGRICULTURAL
INCOME-TAX (INCLUDING SURCHARGE)

(in Rs.)

Year	Demand	Collection	Remission	Balance
1	2	3	4	5
1965-66	1060960	762022	76345	222593
1969-70	2564388	1441311	131440	991637

Source: (1) Board of Revenue, Taxes, Trivandrum.

(2) Agricultural Income-tax Office, Alwaye & Moovattupuzha.

Table 20.6

TOTAL AGRICULTURAL INCOME TAX AND SUPER TAX DEMANDED ON
DIFFERENT AGRICULTURE PRODUCE

Sl. No.	Classification of crops	Year	
		1965—66	1969—70
1	2	3	4
1	Tea	..	..
2	Rubber	19352.00	154398.85
3	Cardamom	12358.00	52800.42
4	Cocconut	32375.00	816039.34
5	Paddy	8435.00	341233.94
6	Arecanut	5037.00	61762.40
7	Pepper	4381.00	40660.00
8	Coffee	..	6200.00
9	Groundnut	..	..
10	Sugarcane	..	450.00
11	Chamba Cholam	..	..
12	Tobacco	..	..
13	Pineapple	..	..
14	Lemongrass Oil	..	650.40
15	Ginger	2500.00	55400.00
16	Tapioca	4720.00	8698.00
17	Cashewnut	1499.00	..
	Total	90657.00	1538293.65

Source: (1) Agricultural Income tax Office, Alwaye & Moovattupuzha
(2) Board of Revenue, Taxes, Trivandrum

Table 20.7

STAGES OF ARREARS UNDER AGRICULTURAL INCOME TAX
PENDING AS ON 31-3-1970

Sl. No.	Stages of action	Amount involved (Rs.)
1	Amount Certified for Revenue Recovery	194881
2	„ under Penalties imposed	74213
3	„ Stayed by competent authorities	488936
4	„ under notices issued	120059
5	„ to be written off	2098
6	„ under other actions	..
7	„ not ripe for collection	111449
	Total	991636

Source: Board of Revenue, Taxes, Kerala.

XXI. LAND REVENUE
A table showing demand, collection and balance of various land taxes is given in this section.

Table 21.1

DEMAND, COLLECTION AND BALANCE OF VARIOUS LAND TAXES (AMOUNT IN RUPEES)

Kind of Tax	District										State	
	1965—66					1970—71						
	Demand	Collection	Balance	Demand	Collection	Balance	Demand	Collection	Balance	Demand		Collection	Balance
1	2	3	4	5	6	7	8	9	10			
Basic Tax	1724770	1559357	165413	312073,	312073	..	2471322	2471322	..			
Land Revenue other than basic tax	1496466	485488	1010978	265534	242201	23333	1612559	1127671	484888			
Irrigation revenue	815519	852251	563268	150358	125410	24948	3246943	971784	2275159			
Capital revenue	..	..	..	..	..	..	..	..	..
Kandukrishy revenue	25606*	21547*	4059*	..	..	..	..	..	..
Plantation, additional tax	96062	74148	16914	104686	107134	6683	3598015	3121334	476681			
Total	4258423	2992791	1760632	832651	886818	54964	10928839	7692111	3236728			

Source: Land Revenue Department, K^{er}al^a.
 * Agricultural Loan (current)

Information on Loan sanctioned and amount disbursed by the K. F. C., small saving collection and the list of markets and the important commodities marketed in the district are given in this section.

Table 22.1

LOAN APPLICATION SANCTIONED AND AMOUNT DISBURSED BY THE KERALA FINANCIAL CORPORATION

Rs. in lakhs

District/ State	Year	Amount sanctioned		Amount disbursed		Balance outstanding	
		No.	Amount	No.	Amount	No.	Amount
1	2	3	4	5	6	7	8
Ernakulam	1965-66	26	83.04	26	77.07	N. A.	N. A.
	1970-71	49	227.22	42	181.03	29	143.00
	State (70-71)	300	1013.15	258	818.75	154	600.85

Source : Kerala State Financial Corporation, Kerala.

N. A.: Not available.

Table 22.2
SMALL SAVING COLLECTION IN THE DISTRICT
(Rs. in Thousands)

Year	Postal Certificate		Post Office Saving Bank		Defence deposit Certificate		15 years Annuity Certificate		Cumulative time deposit Scheme		Post Office time deposit		Post Office recurring deposit	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1966	..	..	8901	1444	465	225	..	-19	1480	958	..	..	..	..
1969-70	5808	3955	14010	1507	..	-121	..	-13	2440	1273	..	..	..	..
1970-71	4383	2288	15452	914	..	-211	..	-13	2725	-461	4281	4281	58	59

Source : Regional Director of Small Savings Trivandrum.

Name of taluk	Name of Important market	Daily/weekly/bi-weekly	Important commodities marketed
1	2	3	4
Parur	(1) Parur	Bi-weekly	Coconut, Banana, Vegetables, Arcacanut, Pepper, Fish and coconut oil.
	(2) Varapuzha	Daily	Coconut, Banana, Vegetables and fish.
	(3) Koonamavu	weekly	Vegetable, Coconut and Fish.
	(4) Kongarappilly	Daily	Vegetable, Coconut, Arcacanut and Fish.
Cochin	(1) Mattancherry	Daily and Bi-weekly	{ Coconut oil, Pepper, Ginger, Rubber, { Termeric, Coir, Lemongrass oil, Tobacco, { Vegetable, Banana. & Coconut.
	(2) Kumbalangi	Daily	Fish and Vegetables
	(3) Pattippuram	Daily	Fish, Coconut and Vegetables. { Coconut oil, copra, Banana Rice, Vege- { tables, Oil cake, Pepper, Tobacco, Fish { and Meat.
Kanayannur	(1) Ernakulam	Daily and Bi-weekly	Banana, Vegetables, Coconut Betel leaves, Coconut oil, Pepper and Rice
	(2) Thripunithura	Bi-weekly	Vegetables, Fish and Meat.
	(3) Palarivattom	Daily	

Table 22.3—(Contd.)

LIST OF MARKETS AND IMPORTANT COMMODITIES MARKETING

Name of taluk	Name of Important market	Daily/weekly/by-weekly	Important commodities marketed	
1	2	3	4	
Kunnathu-nadu	(1) Perumbavoor	Bi-weekly	Coconut, Arcanaut Pepper, Ginger, Lemongrass oil, Banana, plantain and Vegetables.	
	(2) Puthencruze	Fish and Meat	Cattle	
	(3) Vadavucode	Arcanaut, Coconut, Pepper, Ginger,	Bi-monthly	Betel leaves, Vegetables, Rubber and Lemon grass oil
	(4) Pallikkara	Cattle	Bi-weekly	Vegetables and Betel leaves
	(5) Kizhakkambalam	Vegetables, Arcanaut, Tapioca, Pepper, Ginger, Rubber and Betel leaf	Bi-weekly	Cattle
	(6) Thiruvaniyoor	Vegetables	Bi-weekly	Vegetables

