



GOVERNMENT OF KERALA

8

STATISTICS FOR PLANNING 1980

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PREFACE

This present issue of "Statistics for Planning"—1980 is a revised and updated edition of the earlier publication on the same title published in 1977. It presents data relating to all the vital sectors of the economy of the state. The primary data collected by the Bureau covers a wide range of activity of the State. Besides, secondary data are also presented in this document which are drawn from the most authoritative sources. The theme covers the entire spectrum of the economy. There are 18 chapters covering in detail facts pertaining to the major sectors like population, manpower, industries, labour and wages, housing, income etc. We have also incorporated in the volume the results of many adhoc surveys and census studies conducted by this Bureau. Every effort has been made to collect the latest available statistics for each one of the tables in this document. It is prepared in the publication and co-ordination division of the Bureau. It is expected that the material presented in this document will be of immense use to planners and those interested in the problems of the State's economy.

Trivandrum,
11—7—1980.

Dr. P. A. NAIR
DIRECTOR.

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I POPULATION

1.1 Growth of population including information on decennial and geometric growth rates 1901-1980

Year	Population	Decennial growth rates (%)	Geometric growth rates (%)
(1)	(2)	(3)	(4)
1901	6396262	..	..
1911	7147673	+11.75	1.90
1921	7802127	+9.16	0.90
1931	9507050	+21.85	1.98
1941	11031541	+16.04	1.50
1951	13549118	+22.82	2.08
1961	16903715	+24.76	2.24
1971	21347375	+26.29	2.23
1972	21970000		
1973	22470000		
1974	22980000		
1975	23480000		
1976	23950000		
1977	24380000		
1978	24800000		
1979	25200000		
1980	25590000		

Source: 1. Census of India 1971

2. Report on currency and finance 1975-76 (RBI) Estimated population since 1972.

1.2 Age Distribution of Population (Population '00) 1961.

Age Group	Population 1961			
	Male	Female	Total	Percentage
(1)	(2)	(3)	(4)	(5)
0-4	13561	13142	16046	15.8
5-9	11442	11254	22696	13.4
10-14	9802	10077	19879	11.8
15-24	15705	16773	32478	19.2
25-34	11705	12491	24196	14.3
35-44	8778	8761	17539	10.4
45-54	6106	6053	12159	7.2
55-64	3874	4015	7889	4.6
Above 64	2646	2852	5498	3.3
Total	83619	85418	169037	100.00

Source: 1961 Census

1.2 Age distribution of population 1971

Age-group	Population					
	Persons (Percentage)	Males (Percentage)	Female (Percentage)			
(1)	(2)	(3)	(4)			
0-14	8595262	40.27	4345415	41.04	4249847	39.50
15-19	2337305	10.95	1127098	10.65	1210207	11.25
20-24	1989901	9.32	977869	9.24	1012032	9.40
25-29	1387506	6.50	664365	6.27	723141	6.72
30-39	2487858	11.65	1205088	11.38	1282770	11.92
40-49	1956373	9.17	995745	9.40	960628	8.93
50-59	1264572	5.92	639945	6.05	624627	5.81
60+	1327695	6.22	631802	5.97	695893	6.47
A.N.S	903	0.00	524	0.00	379	0.00
Total	21347375	100.00	10587851	100.00	10759524	100.00

A.N.S. Age not specified

Source: Census of India 1971

1.3 Percentage distribution of population according to marital status, Kerala 1961 and 1971

Marital Status	1961			1971		
	Persons	Males	Females	Persons	Males	Females
(1)	(2)	(3)	(4)	(5)	(9)	(7)
Never married	56.7	62.4	51.1	58.3	63.4	53.3
Married	35.9	35.2	36.5	35.6	35.1	36.0
Widowed	5.9	1.7	10.0	5.1	1.2	9.0
Divorced or separated	1.5	0.7	2.4	1.0	0.3	1.7
Unspecified	0.0	0.0	0.0	0.0		
Total	100.0	100.0	100.0	100.0	100.0	100.0

Source: Census of India 1961 & 1971

1.4. Percentage distribution of population according to Religion-Kerala 1901-1971

Year	Religion				
	Christians	Hindus	Muslims	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)
1901	13.82	68.36	17.28	0.54	100.00
1911	15.41	66.63	17.68	0.28	100.00
1921	17.64	64.75	17.43	0.18	100.00
1931	19.52	63.34	17.08	0.06	100.00
1941	20.52	60.73	17.08	1.67	100.00
1951	20.85	61.59	17.53	0.03	100.00
1961	21.22	60.83	17.91	0.04	100.00
1971	21.05	59.41	19.50	0.04	100.00

Source: Census Reports

1.5. Population of Scheduled Castes and Scheduled Tribes 1961 and 1971

Scheduled Castes/Scheduled Tribes	Persons/Males/Females	1961 % to total	1971 % to total
(1)	(2)	(3)	(4)
Scheduled Castes	Persons	1434817	8.49
	Males	712475	8.52
	Females	722342	8.45
Scheduled Tribes	Persons	212762	1.26
	Males	106076	1.27
	Females	106686	1.24

Source: 1. Census of India 1961
2. Census of India 1971

1.6. Distribution of workers in Kerala by Districts 1961 and 1971 Rural & Urban

Sl. No.	Districts	1961			1971		
		Total	Rural	Urban	Total	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Trivandrum	540891	410001	130890	628293	470801	157492
2.	Quilon	631350	586654	44696	690283	637496	52787
3.	Alleppey	610424	518814	91610	598468	504619	93849
4.	Kottayam	387179	340208	46971	420659	363861	56798
5.	Idukki	230782	230782		265090	257562	7528
6.	Ernakulam	564437	449529	114908	621117	446075	175042
7.	Trichur	559054	504539	54515	603551	538506	65045
8.	Palghat	550375	502596	47779	604825	541055	63770
9.	Malappuram	447248	424053	23195	502644	470780	31864
10.	Kozhikode	478874	372103	106771	566936	428280	138656
11.	Cannanore	629719	535922	93797	714593	621969	92624
	Total—Kerala	5630333	4875201	755132	6216459	5281004	935455

Source: Census report 1961 and 1971

1.7. Area, Population and Density of Population of Districts (Sex-wise)

State/Districts	Area (sq. K. m.)	1961			Density of population per Sq./ Km.	1971			Density of population per Sq./ Km.
		Population				Population			
		Persons	Males	Females		Persons	Males	Females	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Kerala State	38864.0	16903715	8361927	8541788	435	21347375	1058785	10759524	549
Cannanore District	5706.0	1780294	874667	905627	314	2365164	1172338	1192826	415
Kozhikode "	3729.0	1588468	797294	791174	426	2106249	1057764	1048485	569
Malappuram "	3638.0	1387378	674345	713033	381	1856362	909515	946847	510
Palghat "	4400.0	1369500	659209	710291	311	1685342	819571	865771	383
Trichur "	3032.0	1688271	806608	881663	557	2128797	1022774	1106023	702
Ernakulam "	2377.4	1681959	841393	840566	707	2163674	1088432	1075242	910
Idukki "	5087.1	590328	308141	282187	116	765608	395297	370311	150
Kottayam "	2195.5	1320506	664294	656212	601	1539030	773182	765848	701
Alleppey "	1884.0	1805517	890519	914998	958	2125722	1048082	1077640	1128
Quilon "	4623.0	1946963	975573	971390	410	2412821	1205720	1207101	522
Trivandrum "	2192.0	1744531	869884	874647	798	2198606	1095176	1103430	1003

Source: Census of India 1971.

1.8. No. of villages, towns and rural urban distribution of population, No. of houses and households

Item	1961	1971
(1)	(2)	(3)
No. of villages (Census villages) *	5887	1268
No. of towns	92	88
Population	Total 16903715 Rural 14349574 Urban 2554141	21347375 17880926 3466449
No. of occupied residential houses	2803533	3418244
No. of occupied residential households	2913892	3543129

* Definitions of Census villages are different during 1961 and 1971 census

Source: 1. Census of India 1961. 2. Census of India 1971.

1.9. Population of Corporations and Municipalities 1971

Corporations/Municipalities	Population			
	1961 Census		1971 Census	
	Persons	Persons	Males	Females
A. CORPORATIONS				
1. Cochin	N.F.	439066	224992	214074
2. Trivandrum	239815	409627	206096	203531
3. Calicut	N.F.	333979	168009	165970
B. MUNICIPALITIES				
1. Alleppey	138834	160166	80307	79859
2. Quilon	91018	124208	62545	61663
3. Palghat	77620	95788	47776	48012
4. Trichur	73038	76241	37345	38896
5. Tellicherry	44763	68759	33738	35021
6. Kottayam	52685	59714	30075	29639
7. Cannanore	46101	55162	27907	27255
8. Kayamkulam	44571	54102	26690	27412
9. Badagara	43908	53938	26902	27036
10. Changanacherry	42376	48545	24195	24350
11. Chalakudy	N.F.	37562	18722	18840
12. Sherthalai	31155	36752	18164	18588
13. Kasargod	N.F.	34984	17595	17389
14. Malappuram	N.F.	32002	15889	16113
15. Chittur-Thathamangalam	26457	28510	14027	14483
16. Attingal	22051	27052	13274	13778
17. Thiruvalla	24242	26683	12912	13771
18. Mavelikkara	18974	25648	12416	13232
19. Irrinjalakuda	22335	25405	12315	13090
20. Parur	20852	24393	11958	12435
21. Alwaye	20863	24067	12463	11604
22. Neyyatinkara	20268	23983	11963	12020
23. Moovattupuzha	22900	22137	11396	10741
24. Perumbavoor	16147	20888	10755	10133
25. Palai	15457	20273	10292	9981
26. Vaikom	17418	20014	9855	10159
27. Kunnankulam	16268	18367	8623	9744
28. Punalur	N.F.	38188	N.A.	N.A.
29. Tirur	N.F.	32272	16009	16263

Source: Census of India 1971.

1.10 (a) Birth rate - Kerala State (Census Estimates)

Year	Birth rate
1941-51	39.8
1951-61	38.9

Source: Census Report.

1.10 (b) Birth rate - Kerala State S. R. (Rural) Estimates

Year	Birth rate
1968	34.3
1969	33.3
1970	32.3
1971	31.9
1972	32.1
1973	29.9
1974	27.0
1975	27.8
1976	28.5
1977	26.2

Source: Bureau of Economics & Statistics, Trivandrum.

1.11 (a) General Fertility Rate - Kerala

Year	General Fertility Rate
1961	182.1
1971	124.7
1975	108.0
1976	109.0
1977	99.4

Source: (1) Census of India 1961 and 1971
(2) Bureau of Economics & Statistics, Trivandrum.

1.11 (b) Gross Reproduction Rate - Kerala

Year	Gross reproduction Rate
1961	2.5
1971	2.0
1975	1.7
1976	1.7
1977	1.5

Source: (1) Census of India 1961 and 1971
(2) Bureau of Economics & Statistics.

1.12 (a) Age Specific Fertility Rate - Kerala

Age	Age Specific Fertility Rates			
	1971 (S.R. Rural)	1975 (S.R. Rural)	1976 (S.R. Rural)	1977 (S.R. Rural)
15-19	48.4	41.6	42.7	44.2
20-24	210.8	188.5	193.4	186.2
25-29	223.3	194.8	202.3	171.9
30-34	173.2	134.0	137.1	113.1
35-39	116.7	94.1	80.7	75.9
40-44	43.0	29.8	25.3	24.3

Source: Bureau of Economics & Statistics.

1.12 (b) Age - Specific Marital Fertility Rate

Age	1958-59 (Rural)		1974 S.R.S. Rural
	N.S.S. 14th Round	1969	
15-19	307.00	185.50	314.6
20-24	329.50	300.50	321.5
25-29	347.00	256.80	232.1
30-34	243.80	202.30	157.6
35-39	198.80	165.80	101.6
40-44	63.50	62.90	31.9

Source: (1) N.S.S. Report Number 89 (N.S.S. 14th round)
(2) S.R.S. Analytical Series No. 2, 1972, Measures of Fertility and Mortality in India.
(3) Bureau of Economics & Statistics.

1.13 (a) Death Rate - Kerala (Census Estimates)

Year	Death Rate
1941-50	20.0
1951-60	16.1

Source: Bureau of Economics & Statistics.

1.13 (b) Death Rate - Kerala (Rural) (Sample Registration)

Year	Death Rate
1971	9.2
1972	9.4
1973	8.7
1974	8.0
1975	8.5
1976	8.3
1977	7.5

Source: Bureau of Economics & Statistics.

1.14 Infant Mortality - Kerala

Year	Infant mortality Rate
1951-60	120.0
1965-67	74.0
1971	60.9
1975	57.3
1976	56.3
1977	50.1

Source: Bureau of Economics & Statistics.

1.15 Age Specific death rate

Age	1968	1971	1974	1977
Below 1				
1-4	27.0	83.5	69.0	58.82
5-9	3.5	2.4	2.0	2.16
10-14	1.0	1.1	0.8	0.92
15-19	1.1	1.6	1.2	0.97
20-24	2.4	2.1	1.8	1.92
25-29	2.6	1.8	2.0	1.59
30-34	3.5	3.8	2.7	1.68
35-39	4.3	4.0	3.3	2.38
40-44	5.0	5.1	4.3	3.96
45-49	7.4	7.2	6.2	5.30
50-54	11.7	8.5	9.0	7.32
55-59	18.4	15.5	12.9	15.22
60-64	26.9	23.1	24.5	28.02
65-69	41.9	43.6	39.8	34.44
70+	101.4	102.1	104.6	91.31

Source: (1) Bureau of Economics & Statistics, Trivandrum.
(2) S.R.S. Analytical Series No. 2, 1972 (Measures of Fertility and Mortality in India Registrar General of India).

1.16 Expectation of life at Birth

Year	Expectation of life at birth	
	Males	Females
1951-60	46.17	50.00
1966-70	56.20	60.00
1971-73	60.62	62.08
1977	62.53	65.17

Source: Bureau of Economics & Statistics.

1.17 Population of Kerala and other Indian States, 1971

Sl. No.	States/Union territory	Population ('000)		
		Persons	Males	Females
1.	Andhra Pradesh	43503	22009	21494
2.	Assam	14625	7714	6911
3.	Bihar	56353	28847	27506
4.	Gujarat	26697	13803	12895
5.	Haryana	10037	5377	4660
6.	Himachal Pradesh	3460	1767	1693
7.	Jammu and Kashmir	4617	2459	2158
8.	Karnataka	29299	14972	14327
9.	Kerala	21347	10588	10759
10.	Madhya Pradesh	41654	21455	20199
11.	Maharashtra	50412	26116	24296
12.	Manipur	1073	542	531
13.	Meghalaya	1012	521	491
14.	Nagaland	516	276	240
15.	Orissa	21945	11041	10904
16.	Punjab	13551	7266	6285
17.	Rajasthan	25766	13485	12281
18.	Tamil Nadu	41199	20828	20371
19.	Tripura	1556	801	755
20.	Uttar Pradesh	88341	47016	41325
21.	West Bengal	44312	23436	20876
22.	Andamman & Nicobar Islands	115	70	45
23.	Arunachal Pradesh	468	251	216
24.	Chandigarh	257	147	110
25.	Dadra and Nagar Haveli	74	37	37
26.	Delhi	4066	2258	1808
27.	Goa, Daman and Diu	858	431	427
28.	Lakshadweep	32	16	16
29.	Pondicherry	472	237	235
30.	Mizoram	333	171	162
	All India	547950	283937	264013

Source: (1) Pocket Book of Population Statistics Published by Registrar General of India.

(2) Family Welfare Planning Year Book 1974-75 published by the Department of Family Planning.

1.18 (a) Classification of Districts according to population size - 1971.

Size of population	Number of Districts
Less than 10,00,000	1
10,00,000 - 14,99,999	..
15,00,000 - 19,99,999	3
20,00,000 and above	7
Total	11

Source: Census of India 1971

1.18 (b) Classification of C. D. Blocks according to population size - 1971

Size of population	No. of C. D. Blocks
Less than 50000 population	4
50000 - 99999	30
100000 - 149999	69
150000 - 199999	33
200000 - 249999	4
250000 - 299999	2
300000 and above	2
Total	144

Source: Census of India- 1971

1.18 (c) Classification of towns according to population

Classes of towns	Number of towns
Class I (100000 and above)	5
Class II (50000 - 99999)	7
Class III (20000 - 49999)	40
Class IV (10000 - 19999)	25
Class V (5000 - 9999)	9
Class VI (less than 5000)	2
	88

Source: Census of India 1971

1.18 (d) Classification of villages according to population

Size of population	Number of villages
Less than 200 population	2
200-499	2
500-999	2
1000-1999	16
2000-4999	122
5000-9999	316
10000 and above	808
Total	1268

Source: Census of India 1971

II. MAN POWER

2.1. Employment

2.1.1. Working population of Kerala by Industrial Category and sex 1961 and 1971

Industrial category (1)	1961			1971		
	Persons (2)	Males (3)	Females (4)	Persons (5)	Males (6)	Females (7)
Total workers	5630333 (100)	3947038 (100)	1683295 (100)	6216459 (100)	4764582 (100)	1451877 (100)
1. Cultivators	1178103 (20.92)	904502 (22.91)	273601 (16.25)	1106663 (17.08)	1039331 (21.81)	67332 (4.64)
2. Agricultural labourers	978396 (17.38)	516914 (13.10)	461482 (27.41)	1908114 (30.69)	1195755 (25.10)	712359 (49.06)
3. Mining, Quarrying, Livestock, Forestry, Fishing, Plantation and Allied activities	487359 (8.65)	398622 (10.10)	88737 (5.27)	464715 (7.47)	384021 (8.06)	80694 (5.56)
4. Household Industry	488562 (8.68)	188654 (4.78)	299908 (17.82)	265892 (4.27)	147625 (3.09)	118267 (8.15)
5. Manufacturing other than household industry	529472 (9.04)	392950 (9.96)	136522 (8.11)	711962 (11.46)	533353 (11.19)	178609 (12.30)
6. Construction	70702 (1.26)	67664 (1.71)	3038 (0.18)	107449 (1.73)	103098 (2.16)	4351 (0.30)
7. Trade and Commerce	321933 (5.72)	298218 (7.52)	23715 (1.41)	565648 (11.28)	536887 (9.10)	28761 (1.98)
8. Transport storage and communication	152513 (2.71)	144913 (3.67)	7600 (0.45)	242089 (3.89)	227576 (4.78)	14513 (1.00)
9. Other services	1423293 (25.28)	1034601 (26.21)	388692 (23.10)	843927 (13.59)	596936 (12.53)	246991 (17.00)

(Figures in brackets show Percentages)

Source: Census report 1961 & 1971

2.1.2. Distribution of working force by Industrial Category and Sex—Rural 1961-1971

Industrial category (1)	1961			1971		
	Persons (2)	Males (3)	Females (4)	Persons (5)	Males (6)	Females (7)
Total workers	4875201 (100)	3357206 (100)	1517995 (100)	5281004 (100)	4009495 (100)	1271509 (100)
1. Cultivators	1141391 (23.41)	877346 (26.13)	264045 (17.40)	1068823 (20.24)	1004486 (25.05)	64337 (5.06)
2. Agricultural labourers	947978 (19.44)	501978 (14.95)	446000 (29.38)	1814824 (34.37)	1134946 (28.31)	679878 (53.47)
3. Mining, Quarrying, Livestock, Forestry, Fishing, Plantations, Orchards and Allied activities.	444335 (9.11)	357149 (10.64)	87186 (5.74)	415609 (7.87)	336543 (8.39)	79066 (6.21)
4. Household Industry	441003 (9.05)	168672 (5.03)	272331 (17.94)	231691 (4.39)	126551 (3.16)	105140 (8.27)
5. Manufacturing other than Household Industry	393915 (8.08)	280911 (8.37)	113004 (7.44)	536195 (10.16)	386379 (9.64)	149816 (11.78)
6. Construction	56858 (1.17)	54451 (1.62)	2407 (0.16)	84744 (1.60)	81785 (2.04)	2959 (0.23)
7. Trade and Commerce	221140 (4.54)	205039 (6.11)	16101 (1.06)	391854 (7.42)	373553 (9.32)	18301 (1.44)
8. Transport, storage and communication	94971 (1.95)	89307 (2.66)	5574 (0.37)	149728 (2.83)	139337 (3.48)	10391 (0.82)
9. Other services	1133610 (23.25)	822263 (24.49)	311347 (20.51)	587536 (11.12)	425915 (10.61)	161621 (12.72)

2.1.3. Distribution of working force by industrial category and sex urban 1961 and 1971

Industrial category	1961			1971		
	Persons	Male	Female	Persons	Male	Female
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Total workers	755132 (100)	589832 (100)	165300 (100)	935455 (100)	755087 (100)	180368 (100)
1. Cultivators	36712 (4.86)	27156 (4.60)	9556 (5.78)	37840 (4.05)	34845 (4.61)	2995 (1.66)
2. Agricultural labourers	30418 (4.03)	14936 (2.53)	15482 (9.37)	93290 (19.97)	60809 (8.05)	32481 (18.00)
3. Mining, Quarrying, Livestock, Forestry, Fishing, Plantations, Orchards and allied activities	43024 (5.70)	41473 (7.03)	1551 (0.94)	49106 (5.25)	47478 (6.29)	1628 (0.90)
4. Household Industry	47559 (6.30)	19982 (3.39)	27577 (16.68)	34201 (3.66)	21074 (2.79)	13127 (7.27)
5. Manufacturing other than household industry	135557 (17.95)	112039 (19.00)	23518 (14.23)	175767 (18.79)	146974 (19.46)	28793 (15.97)
6. Construction	13844 (1.83)	13213 (2.24)	631 (0.33)	22705 (2.43)	21313 (2.82)	1392 (0.77)
7. Trade and commerce	100793 (13.35)	93179 (15.80)	7614 (4.61)	173794 (13.57)	163334 (21.64)	14060 (5.80)
8. Transport, storage and communication	57542 (7.62)	55516 (9.41)	2026 (1.22)	92361 (9.87)	88239 (11.69)	4122 (2.30)
9. Other services	289683 (38.36)	212338 (36.00)	77345 (46.79)	256391 (27.41)	171021 (22.65)	85370 (47.3)

2.1.4. Work participation rates in each District in 1961 and 1971

Sl. No.	District	Participation rate		Percentage	
		1961	1971	1961	1971
(1)	(2)	(3)	(4)	(3)	(4)
1.	Trivandrum	..	31.00	28.6	
2.	Quilon	..	32.4	28.6	
3.	Alleppey	..	33.8	28.2	
4.	Kottayam	..	29.1	27.3	
5.	Idukki	..	39.1	34.6	
6.	Ernakulam	..	33.6	28.7	
7.	Trichur	..	33.1	28.4	
8.	Palghat	..	40.2	35.9	
9.	Malappuram	..	32.2	27.1	
10.	Kozhikode	..	30.1	26.9	
11.	Cannanore	..	35.4	30.2	
	Kerala	..	33.3	29.1	

Source: Census figures.

2.1.5 Employment in establishments both Public and Private Sectors (Covered under EMD) in Kerala by Industry Division (As on 31st March)

March

Industry Division	1970		1971		1972		1973		1974		1975		1976		1977		1978		1979	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
0. Agriculture, Forestry etc.	92931	13.2	92055	12.6	87741	11.7	89112	11.5	87328	11.2	86857	11.1	91337	10.1	97468	10.4	98631	10.3	104021	10.6
1. Mining and Quarrying	557	0.1	610	0.2	614	0.1	829	0.1	749	0.1	766	0.1	767	0.1	1249	0.1	1248	0.1	1312	0.1
2 & 3. Manufacturing	200580	28.5	188924	26.7	221475	29.4	233230	30.1	224436	23.9	225015	28.6	296771	32.8	307092	32.7	307946	32.2	315619	32.0
4. Construction	22263	3.2	23562	3.4	24711	3.3	24144	3.1	25536	3.3	23678	3.0	26338	2.9	24258	2.6	24431	2.6	25057	2.5
5. Electricity, Gas, Water and Sanitary service	11076	1.6	11850	1.7	12443	1.6	12922	1.6	12979	1.7	13021	1.7	16248	1.8	17076	1.8	17168	1.8	17785	1.8
6. Trade and Commerce	22077	4.0	30312	4.3	30562	4.1	31719	4.1	32219	4.2	33659	4.2	35967	4.3	36664	4.3	37281	4.3	37946	4.3
7. Transport & Communication	53001	7.5	54212	7.7	55103	7.3	58197	7.4	57381	7.4	57478	7.3	64855	7.2	66565	7.1	68300	7.2	69491	7.1
9. Service	294495	41.9	307470	43.4	320330	42.5	326133	42.1	335965	43.2	338447	43.1	360140	39.9	376030	40.0	385317	40.4	392846	39.9
Total	702880	100.00	707965	100.00	752979	100.00	776286	100.00	776593	100.00	785832	100.00	903684	100.00	938982	100.00	955039	100.00	984929	100.00

Source: Directorate of Employment, Trivandrum

2.1.6 Employment in establishments in Public sector in Kerala by Industry Division

March

Industry Division	1970		1971		1972		1973		1974		1975		1976		1977		1978		1979	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
0. Agriculture, Live-stock, Forestry, Fishing etc.	10481	3.6	11304	3.6	11795	3.5	11982	3.4	12525	3.4	12509	3.3	13430	3.1	14904	3.3	15511	3.3	16869	3.5
1. Mining and Quarrying	..	..	..	..	..	..	..	..	..	..	..	..	516	0.1	959	0.2	955	0.2	1034	0.2
2 & 3. Manufacturing	18216	6.2	20868	6.6	31548	9.4	38461	11.0	42656	11.6	45300	11.9	61741	14.5	65638	14.7	66805	14.5	70087	14.7
4. Construction	18376	6.3	19428	6.2	19722	5.9	18920	5.4	21104	5.8	20661	5.5	22447	5.3	21757	4.9	21927	4.8	22206	4.7
5. Electricity, Gas, Water & Sanitary services	10690	3.6	11633	3.7	12206	3.6	12552	3.6	12728	3.5	12780	3.4	15982	3.7	16776	3.7	16873	3.7	17502	3.7
6. Trade & Commerce	10268	3.7	12847	4.1	14060	4.2	14718	4.2	15441	4.2	2041	0.5	2501	0.6	2577	0.6	2642	0.6	2952	0.6
7. Transport, Storage and Communications	45832	15.6	48260	15.4	48846	14.5	51746	14.8	51997	14.2	52454	13.9	60084	14.1	-61997	13.9	64351	14.0	65600	13.8
8. Service	178855	61.0	189752	60.4	198174	58.9	201873	57.6	210201	57.3	214898	56.7	228985	53.7	240355	53.7	246018	53.5	250312	52.6
Total	293318	100.00	314092	100.00	336365	100.00	350252	100.00	366652	100.00	378788	100.00	426691	100.00	447416	100.00	459778	100.00	475966	100.00

Source: Directorate of Employment, Trivandrum.

2.1.7 Employment in both Public and Private Sectors in Kerala by District (As on 31st March)

District	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Trivandrum	67754	72866	75243	79647	80878	82121	81207	81535	85104	86488	87590	96362	101359	98795	98922	111264	113535	116133	119478
Quilon	115303	113572	114475	121129	141832	142479	126682	121390	120825	104216	98357	117945	128856	123290	121746	162452	166798	169647	171808
Alleppey	38465	40462	40588	55941	48130	48310	49313	48812	49009	48265	46847	51551	52179	52585	53382	58449	61094	60568	63342
Kottayam	55434	62872	71370	88367	91347	96809	93837	93624	94000	92808	92382	91379	43162	42269	42119	44957	45836	46838	47791
Idukki	..	..	..	..	..	..	..	..	..	..	..	..	58619	60055	60651	63457	63491	66047	70424
Ernakulam	63960	59719	66401	66944	78162	83943	82567	96198	99514	101381	104728	106805	96297	97835	98187	109941	117391	119795	123620
Trichur	53435	54236	56213	61282	63509	63117	64252	63052	63832	63112	65302	68065	68852	68693	68838	79718	80311	82198	83387
Palghat	43428	48612	57308	56609	55229	57357	53442	58222	59318	59931	54811	54378	54513	55077	56789	62939	63510	64950	65285
Malappuram	..	..	..	..	..	..	..	..	..	..	15962	26095	28173	28803	30352	34345	36340	37857	39164
Kozhikode	67629	77035	84432	87459	90821	90654	92275	93467	95261	93469	78175	78712	79466	81976	80037	91292	95134	94648	105288
Cannanore	32397	37965	41420	41568	44201	44617	45592	46499	48394	53210	57612	62430	64002	67412	69867	84870	95542	96358	95342
Kerala	537814	567069	607450	658946	694139	709407	689167	702797	715317	702880	701766	753722	775478	776790	781130	903684	938982	955039	984929

Source: Directorate of Employment, Trivandrum

2.1.8 Employment in the Public Sector (Total) by District as on 31st March

District	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Trivandrum	38209	41567	42851	49263	48613	50669	51459	52937	56128	59571	63284	67724	71848	73259	75222	83189	84830	86768	89747
Quilon	22109	20865	20665	22294	23637	23994	25043	25259	26424	27009	32140	37961	43790	45882	46819	60105	63877	64752	66107
Alleppey	17115	18052	17475	17625	18463	18348	19468	20127	20621	21871	23867	27867	28449	29138	30145	33493	35955	36747	37318
Kottayam	15911	16588	17594	18807	18576	19071	17780	19034	20569	21090	21409	22083	18335	18897	18671	19821	20698	21629	22748
Idukki	..	..	..	..	..	..	..	..	..	..	..	..	5272	8831	9419	10014	10151	10454	10721
Ernakulam	25081	29053	34905	35448	41051	44417	43406	47578	50376	52853	55672	57958	55761	56797	57290	64244	69452	71054	74134
Trichur	17435	17330	17647	20647	19337	20864	20438	19525	20823	21714	23925	24851	25573	26911	26961	32276	33139	33864	35885
Palghat	32086	32446	34664	34855	35814	37432	34245	34232	35637	36268	34564	35425	35550	36218	37720	40692	40590	41624	41394
Malappuram	..	..	..	..	..	..	..	..	..	..	12589	13301	15023	15951	17552	19036	20516	21438	22233
Kozhikode	20556	22552	26243	28444	29941	30277	31871	33225	32961	..	28071	28999	29223	30351	31151	33458	34969	36370	39909
Cannanore	10539	12764	13800	14021	14897	15440	16028	15993	17311	18881	19811	20939	23469	24664	24740	30363	33239	35078	35770
Kerala	199041	211217	225844	241404	250329	260512	260666	267910	280850	293318	315332	337108	352293	366899	375690	426691	447416	459778	475966

Source: Directorate of Employment, Trivandrum

2.1.9 Employment in the Private Sector by District as on 31st March

District	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Trivandrum	29545	31309	32392	30384	32265	31452	29748	28596	29036	26917	24306	28638	29511	25536	23700	28075	28705	29365	29731
Quilon	93194	92707	93810	98835	118195	118485	101639	96131	94401	77207	66217	79984	85066	77408	74927	102347	102921	104895	105701
Alleppey	21350	22410	23113	38316	29697	29962	29845	28685	28388	26394	22980	23684	23730	23447	23237	24956	25139	23821	26024
Kottayam	39523	46284	53776	69560	72771	77738	75129	74590	73431	71718	70973	69296	24827	23372	23448	25136	25138	25209	25043
Idukki	..	..	..	..	..	..	..	..	..	..	..	..	53347	51224	51232	53443	53344	55593	59703
Ernakulam	38888	30656	31496	31496	37111	39526	39161	48620	49138	48528	49056	48847	40536	41038	40897	45697	47939	48741	49486
Trichur	36000	36906	38566	40635	44172	42253	43814	43527	43009	41398	41377	43214	43279	41782	41877	47442	47172	48334	47502
Palghat	11342	16166	22644	21754	19415	19925	19197	23990	23681	23663	20247	18953	18963	18859	19069	22247	22920	23326	23891
Malappuram	..	..	..	..	..	..	..	..	..	..	3373	12794	13150	12852	13040	15309	15824	16419	16931
Kozhikode	47073	54483	58189	69015	60880	60377	60404	60242	62300	59408	50104	49713	50243	51625	48886	57834	60161	58278	65379
Cannanore	21858	24931	27620	27547	29304	29177	29564	30506	31083	34329	37801	41491	40533	42748	45127	54507	62303	61280	59572
Kerala	338773	355852	381606	417542	443810	448895	428501	434887	434467	409562	386434	416614	423185	409891	405440	476993	491566	495261	508963

Source: Directorate of Employment, Trivandrum.

2.1.10 Employment in the Public Sector in Kerala by Different Branches - (Central Government) District wise as on 31st March

District	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Trivandrum	2712	3477	3851	3913	3707	4230	4491	4548	4664	5118	6025	5620	7639	7794	7847	13600	12699	12887	13269
Quilon	1032	911	978	1003	1100	1193	1273	727	805	727	720	776	829	962	981	1031	1045	1091	1100
Alleppey	161	162	228	202	188	152	142	496	492	879	1672	1649	1662	1694	1699	977	1665	1798	1860
Kottayam	756	837	869	824	763	795	800	838	1874	1982	1994	2143	2276	1590	1684	2170	1880	1911	2017
Idukki	..	..	..	..	..	..	..	..	..	..	..	..	..	573	764	771	806	838	873
Ernakulam	6442	6805	7218	7758	6321	6909	7503	8666	8868	9107	9784	10369	10468	10387	10679	11403	11600	11965	12134
Trichur	2461	2069	2329	3447	2708	3065	2629	2800	2989	3116	3312	3403	3586	2750	2861	3595	3593	3661	3781
Palghat	16084	15663	17705	18244	18176	18292	18556	18445	18567	18708	18753	18540	18730	18790	18966	19331	18490	19117	19174
Malappuram	..	..	..	..	..	..	..	..	..	..	..	..	1168	1174	1239	1270	1332	1383	1392
Kozhikode	1979	2392	3620	3829	4083	4260	4548	4749	4936	42963	4485	3850	3912	3992	4171	4426	4721	4744	4386
Cannanore	218	1555	1693	1758	1844	1868	1900	1914	1958	2078	2140	2115	2003	2022	2108	3020	3169	3303	3299
Kerala	31845	33871	38491	40978	38890	40764	41842	43183	45153	46008	48886	48465	52268	51728	52989	61594	61000	62698	63285

Source: Directorate of Employment, Trivandrum.

2.1.11 Employment in the Public Sector in Kerala by Different Branches - (State Government) District as on 31st March 1961-1975

District	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Trivandrum	30092	32792	33484	38882	37606	35831	34871	34994	36006	37062	38442	40123	40437	40411	41396	44605	45287	45693	46100
Quilon	15233	15775	16345	16774	16648	16503	16905	17412	17857	18275	18761	19166	19428	19799	20324	20867	21598	21699	22078
Alleppey	13635	14723	13864	14017	14885	14743	15332	15570	16209	16638	17191	17288	17660	17648	18312	19105	19965	20020	20078
Kottayam	11879	12480	13343	14463	14319	13995	13756	13114	13313	13320	13695	13881	11685	12276	11938	11994	12408	12624	13017
Idukki	..	..	..	..	..	..	..	..	..	..	..	..	2787	4428	4950	5793	5983	6323	6582
Ernakulam	13142	15033	18176	18176	18261	18536	18244	19105	19419	19899	20714	20672	20024	20284	20493	20901	21634	21688	21887
Trichur	12365	12571	12284	14186	13332	14105	14402	13264	14210	14406	15254	15601	15844	16409	15985	18343	18380	18756	19361
Palghat	14977	15464	15221	14946	15893	17265	13625	13803	14794	14697	13248	14226	14383	14778	15302	17486	17792	17954	17380
Malappuram	..	..	..	..	..	..	..	..	..	..	11285	11889	12333	12832	14334	15384	16363	16960	16867
Kozhikode	16391	17727	19452	21157	22185	21813	22881	23285	22736	23828	18138	19542	19101	19731	19997	21327	21957	22564	24197
Cannanore	9006	9883	10209	11027	11222	11642	12288	12126	13239	14313	14865	15643	16411	17274	17034	19318	20518	21642	20864
Kerala	136720	146438	152378	163608	164351	164433	162304	162673	167783	172438	181693	188031	190093	195870	200065	215123	222085	225923	228411

Source: Directorate of Employment, Trivandrum

2.1.12 Employment in the Public Sector in Kerala by Different Branches - (Local Bodies) District wise as on 31st March

District	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Trivandrum	1732	1675	1612	1899	2101	2143	3348	3384	4498	5584	6163	7228	7759	8263	8344	4432	4473	4635	4912
Quilon	1708	652	967	919	865	963	1061	1064	1212	1317	1450	1512	1597	1661	1689	1725	1949	2248	2345
Alleppey	919	922	912	928	925	983	995	945	1135	1179	1190	1225	1267	1314	1331	1393	1440	1548	1573
Kottayam	709	716	806	787	855	904	1005	1050	1144	1195	1219	1247	817	973	997	1001	1021	1132	1120
Idukki	..	..	..	..	..	..	..	..	..	..	..	..	501	533	536	561	576	613	647
Ernakulam	732	1420	1434	1434	1744	1809	1914	1953	1930	2124	2158	2182	2069	2157	2147	2253	2447	2527	2622
Trichur	1145	1087	1089	1069	1033	1038	1090	1087	1137	1171	1248	1279	1296	1384	1401	1485	1523	1591	1645
Palghat	398	982	1146	1072	1108	1113	1138	1093	1117	1145	1010	1027	1031	1096	1431	1127	1162	1199	1228
Malappuram	..	..	..	..	..	..	..	..	..	..	432	440	495	568	600	603	738	686	748
Kozhikode	1212	1354	1744	1686	1743	1800	1849	1955	1990	2066	1765	2172	2256	2352	2388	2336	2346	2438	2679
Cannanore	516	522	1198	589	1114	1144	1136	1168	1183	1187	1232	1228	1293	1362	1355	1290	1424	1405	1405
Kerala	9071	9330	10808	10383	11488	11897	13536	13799	15346	16959	17867	19538	20381	21663	22219	18206	18999	20022	20924

Source: Directorate of Employment, Trivandrum

2.1.13 Employment in the Public Sector in Kerala by Different Branches - (Quasi Government) District wise as on 31st March

District	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Trivandrum	3678	3623	3904	4569	5199	8465	8749	10011	10960	11807	12654	14755	15913	16544	17724	20552	22371	23553	25460
Quilon	4136	3527	2375	3598	5024	5335	5804	6056	6550	6690	11318	15766	20988	23357	23825	36482	39285	39714	40584
Alleppey	2400	2245	2471	2478	2465	2470	2999	3016	2785	3189	3813	7353	7927	8482	8803	12018	12885	13381	13807
Kottayam	2567	2555	2576	2733	2639	3377	3147	4032	4238	4593	4293	4812	3758	4058	4052	4656	5389	5962	6594
Idukki	..	..	..	..	..	..	..	..	..	..	..	..	1984	3300	3169	2889	2786	2680	2625
Ernakulam	4765	5805	8080	8080	14725	17163	15745	17854	20159	21723	23016	24735	23605	23975	23971	29687	33771	34874	37491
Trichur	1464	1603	1945	1945	2264	2656	2317	2374	2487	2031	4111	4570	4847	6469	6724	8853	9443	9856	11098
Palghat	627	337	589	593	637	762	926	891	1159	1544	1553	1632	1583	1794	1913	2748	3146	3354	3612
Malappuram	..	..	..	..	..	..	..	..	..	..	872	972	1230	1377	1379	1779	2183	2409	3226
Kozhikode	947	1079	1427	1792	1930	2404	2593	3236	3299	4053	3683	3435	3954	4276	4595	5369	5945	6624	8647
Cannanore	779	804	700	647	717	786	704	785	931	1303	1574	3044	3762	4006	4262	6735	8128	8728	10202
Kerala	21405	21578	24067	26435	35600	43418	42984	48255	52568	56913	66887	81074	89551	97638	100417	131768	145332	151135	163346

Source: Directorate of Employment, Trivandrum

2.2.1 Percentage of Literates in Kerala and Districts 1901 to 1971

District	Educated Manpower									
	1901	1911	1921	1931	1951	1961	1971			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)			
Cannanore	11.12	14.09	15.58	19.47	40.15	..	54.84			
Kozhikode	11.25	12.53	14.20	16.09	33.65	..	57.23			
Malappuram	..	..	..	..	..	..	47.90
Palghat	9.54	12.03	13.74	15.19	30.18	39.89	46.69			
Trichur	13.76	17.74	21.32	32.85	48.24	57.15	61.61			
Ernakulam	14.21	15.56	24.06	29.98	54.12	59.53	65.37			
Idukki	..	..	..	..	..	..	56.42
Kottayam	19.03	21.80	33.20	36.29	62.66	66.64	72.88			
Alleppey	17.36	19.99	33.04	35.73	61.94	66.07	70.44			
Quilon	10.62	13.51	25.34	26.08	53.38	59.74	64.97			
Trivandrum	13.21	16.70	27.03	26.05	49.90	53.43	62.54			
State	12.85	15.45	21.95	25.58	47.37	55.08	60.42			

Source 1. Census of India—1961—Volume-VII—General report Part I—A (i)

2. Census—Final Population Totals 1971.

Note: 1. 1901 to 1961—Population the age group (0-4) is excluded for calculating literacy rate.

2. 1971—Population in the age group (0-4) is included for calculating literacy rate.

3. The figures for 1941 census are not available.

**2.2.2 Percentage of Literates in Kerala and in other States
1961 and 1971**

State	Percentage of literates	
	1961	1971
Andhra Pradesh	21.2	24.56
Assam	27.4	29.81
Bihar	18.4	19.79
Gujarat	30.5	35.72
Haryana	NA	26.69
Himachal Pradesh	NA	31.32
Jammu & Kashmir	11.0	18.30
Kerala	46.8	60.42
Madhya Pradesh	17.8	22.12
Maharashtra	29.8	39.08
Mysore	26.4	31.54
Nagaland	NA	27.33
Orissa	21.7	26.12
Punjab	24.2	33.39
Rajasthan	15.2	18.79
Tamil Nadu	31.4	39.39
Uttar Pradesh	17.6	21.64
West Bengal	29.3	33.05
India	24.2	29.32

Source: Census Records

**2.2.3 Number of Students that Passed S.S.L.C. Examination
in Kerala from 1961-62. to 1978-79**

Year	Boys	Girls	Total
(1)	(2)	(3)	(4)
1961-62	37713	20862	58575
1969-70	53721	40060	93781
1975-76	58957	55358	114315
1976-77	75396	50914	126300
1977-78	83086	79437	162523
1978-79	89489	86434	175923

Source: Director of Public Instructions.

2.2.4 Stock of Teachers - Section Wise 1960-61 to 1978-79

Year	High school Section	Upper pri- mary section	Lower pri- mary section	Total
(1)	(2)	(3)	(4)	(5)
1960-61	13675	33027	62155	108867
1969-70	26392	43065	68813	138270
1975-76	34846	51657	75882	162385
1976-77	36352	52269	75487	164208
1977-78	37405	53322	76474	167201
1978-79	41281	57584	74915	173780

Source: Director of Public Instructions.

2.2.5. Subject-wise out-turn of B.A., B. Sc and B. Com. degree holders for the year 1977-78

Subjects	No. appeared			No. passed			percentage of pass		
	Kerala University		Calicut University	Kerala University		Calicut University	Kerala University		Calicut University
	March/ April	Octo./ November	March/ April	March/ April	October/ November	March/ April	March/ April	October/ November	March/ April
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
B.A.									
English	1050	291	296	614	90	163	58.5	30.9	55.1
English and History	..	..	17	..	..	8	..	..	47.1
Philosophy	102	6	24	86	1	24	84.3	16.7	100
Music & philosophy	..	..	2	..	..	2	..	..	100
History	1073	229	687	540	115	392	50	50.9	57.5
Urdu & Islamic history	..	..	3	..	..	3	..	..	100
Politics	408	85	32	304	37	17	74.5	43.5	53.1
Arabic and history	..	..	3	..	..	2	..	..	66.6
Economics	3162	826	1474	1630	299	865	51.6	36.1	58.6
Psychology	28	..	..	25	..	..	89.3	..	..
Geography	..	..	14	..	..	10	..	..	71.4
Sociology	108	4	54	97	2	53	89.8	50	98.1
Economics & history	..	..	170	..	..	79	..	..	46.5
Islamic history	10	..	..	10	..	..	100	..	..
Arabic & Islamic history	..	..	7	..	..	7	..	..	..
Sanskrit general	14	..	25	13	..	20	92.9	..	100
Sanskrit special	102	15	46	97	8	39	95	53.3	84.8
Kannada	..	..	2	..	..	2	..	..	100
Malayalam	207	6	92	197	3	74	95	50	80.4
Malayalam & sociology	..	..	12	..	..	8	..	..	66.6
Hindi	69	1	31	52	1	28	75.3	100	90.3
Hindi and history	..	..	6	..	..	3	..	..	50
Tamil	3	..	2	3	..	2	100	..	100
Arabic	17	..	11	17	..	11	100	..	100
Music	6	..	..	6	..	..	100	..	..
B.Sc.									
Statistics	..	..	17	..	..	10	..	..	58.8
Mathematics	1489	345	624	849	116	375	57	33.6	60.1
Physics	940	284	617	498	93	465	54.7	32.7	75.4
Chemistry	1369	252	789	491	98	477	66.9	38.8	60.5
Botany	1314	118	446	1044	82	390	79.4	69.5	87.4
Zoology	1260	127	707	1028	72	651	81.5	56.7	92.1
Geology	13	..	12	11	..	11	84.6	..	91.7
Home Science	169	2	34	144	2	34	85.2	100	100
B. Lib. Science	26	..	..	23	..	..	88.4	..	..
B.Com.									
B.Com. Part III	2678	864	1307	1441	467	699	53.8	54.2	53.5
B.Com. (Transitory)	115	50	..	28	12	..	24.3	24	..

Source: Annual reports of Universities.

2.2.6. Subject-wise Out-turn of M.A., M.Sc., and M.Com Degree holders for the year 1977-78

Subject	Number appeared		Number passed		Percentage of pass	
	Kerala University	Calicut University	Kerala University	Calicut University	Kerala University	Calicut University
A.						
English	382	85	280	79	73.2	92.9
English (Old Scheme)	..	11	..	8	..	72.7
English Semester	..	27	..	25	..	92.9
Philosophy	65	..	43	..	66.1	..
German	8	..	8	..	100.0	..
History	183	30	147	27	80.3	90.0
History Semester	..	11	..	11	..	100.0
Politics	92	..	90	..	97.8	..
Economics	490	139	354	131	72.0	92.9
Psychology	12	..	12	..	100.0	..
Sociology	260	..	188	..	72.3	..
Music	10	..	4	..	40.0	..
Sanskrit	29	..	21	..	72.4	..
Sanskrit (Special)	30	..	24	..	84.0	..
Kannada	..	2	..	2	..	100.0
Malayalam	180	75	141	73	85.5	97.3
Malayalam (Old Scheme)	..	21	..	15	..	71.4
Tamil	5	4	5	4	100.0	100.0
Hindi	93	20	77	20	82.7	100.0
Hindi (Old Scheme)	..	3	..	3	..	100.0
Lingustics	17	..	17	..	100.0	..
Arabic	6	10	5	10	83.5	100.0
M.Sc.						
Mathematics (re-organised)	200	61	109	35	54.5	57.37
Mathematics (New Scheme)	9	..	9	..	100.0	..
Physics	148	10	110	7	74.3	70.0
Physics (Semester)	..	11	..	10	..	90.0
Applied Physics	..	5	..	4	..	80.0
Chemistry	163	29	130	25	79.7	86.2
Chemistry (Semester)	..	9	..	9	..	100.0
Analytical Chemistry	9	..	8	..	88.9	..
Applied Chemistry	10	..	10	..	100.0	..
Bio-Chemistry	7	..	7	..	100.0	..
Botany	150	13	130	11	86.6	84.6
Genetics and Plant breeding	10	..	10	..	100.0	..
Zoology	117	31	115	31	98.2	100.0
Zoology (Semester)	..	10	..	10	..	100.0
Statistics	24	11	23	11	96.0	100.0
Geology	6	..	6	..	100.0	..
Home Science	26	..	25	..	96.1	..
M.S.W.	41	..	40	..	97.5	..
M.Com.	218	102	94	96	43.0	94.11

Source: Annual Reports of Universities.

University of Cochin

2.2.6. Out-turn of M.A., M.Sc. and M.Com. Degree Holders

Year	M.A.			M.Sc.			M.Com.		
	Number appeared	Number passed	%	Number appeared	Number passed	%	Number appeared	Number passed	%
1976	7	7	100	32	31	97	..	..	..
1977	17	16	94	33	33	100	..	..	..
1978	13	11	85	31	31	100	..	..	..
1979	5	5	100	73	72	99	..	..	..

Source: Cochin University

2.2.7. Intake of Engineering Graduates - Branch-wise 1966-67 to 1978-79

Year	Sanctioned in take	Branch-wise actual intake							Total
		Civil	Mechanical	Electrical	Architecture	Tele commu- nication	Chemical Engineering		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1966-67	1064	272	349	311	58	10	30	1030	
1969-70	875	98	330	290	44	10	45	817	
1975-76	922	278	268	268	11	45	40	910	
1976-77	1033	299	322	300	15	46	40	1022	
1977-78	1150	330	326	313	15	77	41	1102	
1978-79	1245	369	385	347	14	70	39	1224	

Source: Director, Technical Education.

2.2.8. Out-turn of Engineering Graduates - Branch-wise 1966-67 to 1977-78

Year	Branch-wise out-turn							Total
	Civil	Mechanical	Electrical	Architecture	Tele-commu- nication	Chemical Engineering		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1966-67	204	282	229	17	31	22	785	
1969-70	328	533	542	30	88	32	1553	
1975-76	197	311	231	8	17	15	779	
1976-77	188	216	196	3	37	30	670	
1977-78	241	241	249	12	42	31	826	

Source: Director, Technical Education.

2.2.9. Intake of Diploma Holders-Branch-wise. 1966-67 to 1978-79.

Year	Sanctioned in take	Branch-wise actual intake								Total
		Civil	Mecha- nical	Electri- cal	Tele co- mmuni- cation	Chemical Engineer- ing	Chemical techno- logy	Automo- bile Engi- neering	Textile techno- logy	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1966-67	2469	767	702	618	30	29	20	30	57	2253
1969-70	1968	566	626	521	40	28	20	60	60	1921
1975-76	2160	654	641	616	80	30	20	50	60	2151
1976-77	2081	621	605	595	80	30	20	50	61	2062
1977-78	2265	671	642	640	77	30	20	60	53	2193
1978-79	2332	734	713	621	79	27	20	61	60	2315

Source: Director, Technical Education

2.2.10. Out-turn of Diploma Holders Branch-wise 1966-67 to 1978-79.

Year	Branch-wise actual out-turn									Total
	Civil	Mechanical	Electrical	Telecommunication	Chemical Engineering	Chemical technology	Automobile Engineering	Textile technology		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
1966-67 ..	406	521	414	24	3	11	16	20	1415	
1969-70 ..	348	617	331	30	26	11	38	24	1425	
1975-76 ..	303	240	362	71	15	15	25	36	1067	
1976-77 .. (Annual Final Year Examination July 1977)	192	203	327	69	18	13	19	27	868	
1977-78 .. (Annual Final Year Examination July 1978)	343	260	338	91	19	7	16	28	1102	
1978-79 .. (Annual Final Year Examination July 1979)	258	309	283	78	14	14	9	28	993	

Source: Director, Technical Education.

2.2.11. Sanctioned and Actual Intake of Students in Post Graduate Courses in Engineering 1966-67 to 1978-79.

Year	Sanctioned in take	Actual Intake					Total
		Civil	Mechanical	Electrical	Chemical Engineering	Electronics	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1966-67 ..	50	12	16	22	..	..	50
1969-70 ..	50	13	16	21	..	..	50
1975-76 ..	112	19	23	23	6	5	76
1976-77 ..	112	19	24	23	6	5	77
1977-78 ..	112	20	30	25	6	5	86
1978-79 ..	112	17	26	37	6	2	88

Source: Director, Technical Education.

2.2.12 Intake and Out-turn of Medical Graduates (M.B.B.S.) from the Medical Colleges in Kerala

Years	Number of Colleges	Intake	Out-turn
1966-67	4	543	342
1969-70	4	543	361
1975-76	4	525	546
1976-77	4	525	466
1977-78	4	525	572

2.2.13 Intake and Out-turn of degree and Diploma holders in Ayurveda Colleges-Government

Year	Sanctioned intake		Actual intake		Out-turn	
	B.A.M.	D.A.M.	B.A.M.	D.A.M.	B.A.M.	D.A.M.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1966-67	50	130	50	126	18	81
1969-70	50	140	50	148	19	55
1975-76	80	..	80	..	28	..
1976-77	80	..	80	..	44	..
1977-78	80	..	80	..	53	..
1978-79	80	..	80	..	69	..
1979-80	80	..	79	..	..	..

Examination is not over

Source: Ayurveda Colleges, Trivandrum & Tripunithura

Source: Medical Colleges

2.2.14 Intake and out-turn of Agricultural Graduates and Post graduates 1961-62 to 79-80

Year	Actual Intake			Out-turn		
	B.Sc.	M.Sc.	Ph.D.	B.Sc.	M.Sc.	Ph.D.
	(Agrl.)	(Agrl.)	(Agrl.)	(Agrl.)	(Agrl.)	(Agrl.)
1961-62	80	26	..	78	..	..
1969-70	53	20	..	56	21	NIL
1975-76	89	17	11	12	19	NIL
1976-77	100	37	7	47	6	NIL
1977-78	96	33	7	78	19	2
1978-79	55	51	8	80	27	3
1979-80	60	33	10	86	30	NIL

Source: Agricultural College, Vellayani

2.2.15 Intake and out-turn of Veterinary graduates and Post Graduates 1961-62 to 1979-80

Year	Intake			Out-turn		
	B.V.Sc.	M.V.Sc.	Ph.D.	B.V.Sc.	M.V.Sc.	Ph.D.
1961-62	50	..	..	64	..	..
1969-70	33	13	.	31	5	..
1975-76	43	10	2	24	8	1
1976-77	55	19	NIL	48	12	NIL
1977-78	54	24	2	22	13	NIL
1978-79	61	25	8	48	16	1
1979-80	70	36	2	8	4	1

Source: College of Veterinary & Animal Science, Trichur

Unemployment
2.3.1. Number of Applicants on Live Register of Employment Exchanges in Kerala 1960 to 1980

Year	No. of Exchanges at the end of period	Average monthly No. of employers using the exchanges	No. of vacancies notified during the period	No. of registrations during the period	No. of placements effected during the period	No. of applicants on live registers at the end of the period
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1960	9	198	N.A	105775	11631	151469
1969	9	526	24255	163162	17864	239586
1975	13	545	29963	283274	23878	691242
1976	13	567	27023	262484	22210	753579
1977	14	501	26240	240596	16282	849378
1978	14	497	23970	300761	13323	1052652
1979	18	711	44679	356501	19265	1249372
31-4-1980	18	767	14182	115465	25707	1295648

Source: Directorate of Employment, Trivandrum

2.3.2. Occupational distribution of applicants on Live Register of Employment Exchanges in Kerala 1960-1978

(In thousands)

Period	Professional, technical related workers excluding primary and middle school teachers	Primary and Middle school teachers	Administrative executive & managerial workers	Clerical and related workers excluding unskilled office workers	Sales workers	Service workers excluding watchmen and sweeper	Farmers Fishermen loggers etc. excluding Agrl. and plantation workers	Production related transport equipment operator & labourers excluding loaders, unloaders & labourers etc.	Unskilled office workers	Other unskilled workers	Workers not classifiable by occupation	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1960	10.4	NA	0.2	7.4	0.1	NA	1.5	NA	NA	NA	90.4	151.4
1969	29.0	NA	1.0	19.9	0.1	NA	2.0	NA	NA	NA	145.4	239.6
1975	40.2	10.3	1.5	50.5	0.2	2.8	4.5	52.2	4.3	45.7	479.0	691.2
1976	40.1	7.6	1.3	59.0	0.6	3.3	10.2	56.2	5.5	44.6	525.2	753.6
1977	41.5	7.3	1.1	67.8	0.6	2.6	7.5	57.1	6.3	37.5	620.1	849.4
1978	46.8	7.4	1.7	79.8	0.7	3.2	9.1	76.0	12.4	52.1	763.5	1052.7

Source: Directorate of Employment, Trivandrum

2.3.3. Number of work seekers in each Districts of Kerala 1961 to 1980

<i>District</i>	1961	1969	1975	1976	1977	1978	1979	1980 (30-4-1980)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum ..	31578	55532	139215	161495	179793	220461	248332	260865
Quilon ..	16779	28692	73464	78007	79754	112828	142713	149345
Alleppey ..	14783	23430	55611	49163	57416	79595	99815	103007
Kottayam ..	11978	19620	58213	66363	82536	100335	119688	118449
Idukki ..	..	..	14617	19679	24476	24817	24644	23834
Ernakulam ..	28867	32604	120948	122279	126826	151987	178522	189967
Trichur ..	8568	16896	55336	58601	69937	85415	103882	98385
Malappuram ..	..	..	35076	40333	51138	58228	71492	75694
Palghat ..	6814	12481	27204	30837	37187	43289	54366	57729
Kozhikode ..	13377	35027	64469	72989	78690	100957	116201	123475
Cannanore ..	8065	15304	47089	53833	61625	74740	89717	94898
Kerala ..	140809	239586	691242	753579	849378	1052652	1249372	1295648

Source: Directorate of Employment, Trivandrum

2.3.4. Number of educated work seekers in Kerala 1966 to 1980

<i>Period</i>	<i>S.S.L.C.</i>	<i>Free-Degree</i>	<i>Graduate</i>	<i>Post Graduate and above</i>	<i>Total</i>
1966	73497	2653	3167	637	79954
1969	112809	4577	6989	772	125247
1976	315552	38176	46838	8552	409118
1977	351233	46939	42005	8830	449007
1978	434192	56641	57816	9068	557717
1979	530742	70342	56276	8567	665927
1980(4/80)	557495	71842	57915	7965	695217

Source: Directorate of Employment, Trivandrum

III. INDUSTRIES

3.1. Number of working factories registered under different sections of the Factories Act, 1948-Kerala 1960 to 1978

<i>Year</i>	<i>2m (i)</i>	<i>2m (ii)</i>	<i>85 (P)</i>	<i>85 (NP)</i>	<i>Grand total</i>
(1)	(2)	(3)	(4)	(5)	(6)
1960	1253	497	409	241	2400
1970	1785	343	724	188	3040
1976	2207	325	3326	1063	6921
1977	2225	280	3851	1269	7625
1978	2160	250	4189	1185	7784

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

Source: Bureau of Economics and Statistics.

3.2. Distribution of registered working factories (submitted returns only) according to the size of Employment in Kerala (%) 1970 to 1978

<i>Employment size</i>	1970	1976	1977	1978
(1)	(2)	(3)	(4)	(5)
1000 to 4999 ..	0.54	8.94	12.26	14.00
500 to 999 ..	2.52	34.87	37.77	36.72
100 to 499 ..	9.82	32.34	25.19	22.34
50 to 99 ..	11.72	7.46	6.56	6.79
20 to 49 ..	21.74	8.14	8.20	9.01
10 to 19 ..	18.93	3.65	3.77	4.06
9 & below ..	34.73	4.60	6.25	7.08
State Total ..	100.00	100.00	100.00	100.00

Source: Bureau of Economics and Statistics.

3.3. Distribution of Registered Working Factories (submitted returns only) according to the number of days worked in Kerala —Percentage—1970 to 1978

<i>Number of days worked</i>	1970	1976	1977	1978
(1)	(2)	(3)	(4)	(5)
More than 300 days ...	42.24	41.17	35.61	31.00
More than 240 days but not more than 300 days ..	35.52	28.61	33.71	39.07
More than 180 days but not more than 240 ..	11.25	13.36	13.81	15.51
More than 120 days but not more than 180 days ..	6.92	8.59	8.18	6.95
More than 60 days but not more than 120 days ..	2.79	6.30	7.03	4.20
Less than 60 days ..	1.28	1.97	1.66	3.27
Total ..	100.00	100.00	100.00	100.00

Source: Bureau of Economics & Statistics

3.4. District-wise distribution of Registered Working Factories 1960 to 1978

<i>Year</i>	<i>Trivandrum</i>	<i>Quilon</i>	<i>Alleppey</i>	<i>Kottayam</i>	<i>Idukki</i>	<i>Ernakulam</i>	<i>Trichur</i>	<i>Palghat</i>	<i>Malappuram</i>	<i>Kozhi-kode</i>	<i>Cannanore</i>	<i>Kerala</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1960	118	46	278	229	..	251	299	221	..	290	368	2400
1970	157	444	267	299	..	415	557	258	..	361	282	3040
1976	274	724	513	538	128	1081	812	630	131	1041	1049	6921
1977	295	800	561	616	123	1059	834	746	149	1184	1208	7625
1978	303	787	580	619	114	1249	876	816	169	1172	1099	7784

Source: Bureau of Economics and Statistics.

3.5. District-wise and Industry-wise Distribution of Registered Working Factories in Kerala (1976, 1977 & 1978)

Name of Industry (1)	Trivandrum			Quilon			Alleppey			Kottayam			Idukki			Ernakulam		
	1976	1977	1978	1976	1977	1978	1976	1977	1978	1976	1977	1978	1976	1977	1978	1976	1977	1978
1. Saw Mills	8	14	15	80	72	79	29	34	39	45	54	60	2	3	2	129	143	185
2. Printing	44	47	39	35	36	35	28	30	32	64	77	77	3	4	3	97	97	104
3. Cotton Textiles	9	13	1	1	3	1	4	2	1	2	4	4	1	4	1	6	8	1
4. Automobile Repairing	28	31	30	13	18	20	15	18	19	44	46	46	6	3	59	59	72	
5. Oil	23	19	18	25	30	31	53	58	51	18	17	16	9	8	44	42	44	
6. Tiles	1	1	1	45	44	47	3	4	5	14	16	16	3	7	30	30	29	
7. Plywood and Splints and Veneers	5	9	10	32	35	33	11	15	16	19	23	20	3	2	29	28	29	
8. Cashew	22	19	13	231	234	213	4	5	5	3	3	3	..	..	4	2	2
9. Coir	3	3	4	1	10	5	189	206	200	3	3	..	..	..	4	2	2
10. General Engineering	9	10	12	11	14	14	15	14	18	14	20	25	2	2	18	18	19	
11. Rubber	28	32	30	37	47	39	15	23	16	152	193	126	15	17	63	60	96	
12. Chemical and Chemical Products	6	8	9	6	11	5	9	11	13	15	13	15	3	2	57	79	45	
13. Tea	5	5	5	7	6	6	..	7	11	4	6	1	73	72	35	34	34	
14. Matches	9	10	9	19	25	23	2	11	11	2	3	3	..	..	3	3	5
15. Soap	1	1	1	..	3	3	2	1	3	2	2	2	..	..	16	14	12
16. Beedi	73	73	106	181	212	227	129	129	151	140	139	209	11	9	488	442	569	
17. Other Industries	274	295	303	724	800	787	513	561	580	538	616	619	128	123	1081	1059	1249	
Total

(Contd....)

(3.5 Continued)

Name of Industry (1)	Trichur			Palghat			Malappuram			Kozhikode			Cannanore			State		
	1976	1977	1978	1976	1977	1978	1976	1977	1978	1976	1977	1978	1976	1977	1978	1976	1977	1978
1. Saw Mills	105	119	117	83	100	113	31	32	44	102	118	120	75	88	86	689	777	858
2. Printing	52	57	60	29	36	35	9	7	9	66	78	66	47	47	47	474	516	508
3. Cotton Textiles	8	9	9	13	15	9	1	1	1	49	67	8	8	630	97	632	752	118
4. Automobile repairing	34	34	33	33	39	38	6	12	12	93	104	102	62	73	74	393	438	449
5. Oil	81	81	81	9	10	10	10	8	6	34	44	48	20	19	17	326	336	329
6. Tiles	135	134	135	12	11	11	3	4	5	34	35	32	9	9	9	286	288	290
7. Plywood and Splints and Veneers	28	30	31	48	49	48	12	14	15	68	91	90	38	51	50	293	347	345
8. Cashew	5	5	5	..	..	..	..	..	..	3	2	2	3	3	3	272	270	243
9. Coir	7	8	7	..	..	..	..	..	..	36	43	38	11	11	9	271	306	290
10. General Engineering	41	44	51	15	21	29	1	3	6	30	38	57	28	28	29	229	254	346
11. Rubber	39	56	37	16	34	16	16	21	18	63	86	47	28	41	24	466	629	412
12. Chemical and Chemical Products	19	17	13	10	10	10	2	3	3	13	19	16	4	6	3	128	134	122
13. Tea	1	1	1	3	3	3	..	1	1	13	11	11	3	4	4	109	109	107
14. Matches	25	21	21	13	10	8	2	3	3	18	25	26	3	3	3	101	114	110
15. Soap	4	4	2	..	..	..	..	..	..	1	17	17	2	3	3	42	45	43
16. Beedi	3	3	3	15	..	..	..	..	..	1	1	10	10	3	3	32	32	32
17. Other Industries	225	264	282	331	408	486	35	36	42	397	406	492	168	192	641	2178	2310	3214
Total	812	884	876	630	746	816	131	149	169	1041	1184	1172	1049	1208	1099	6921	7625	7784

Source: Bureau of Economics & Statistics.

Annual survey of Industries (Census sector) Kerala

3.6. Yearly value of productive capital in the different types of Industries from 1962-63 to 1976-77.
(Rs. one crore and above)

Name of Industry		Productive capital employed (Rs. in lakhs)			
		1962-63	1969-70	1975-76	1976-77
(1)	(2)	(3)	(4)	(5)	(6)
1.	Manufacture of Fertilizers ..	973.72	1211.50	7214.26	6880.89
2.	Cotton Textiles ..	362.52	967.87	1234.77	1608.10
3.	Tyres and Tubes ..	..	567.94	1007.92	1134.67
4.	Tea manufacturing ..	305.79	486.82	452.29	531.19
5.	Heavy Chemicals ..	405.91	1346.79	3541.10	3298.95
6.	Cashewnut processing ..	164.08	393.04	983.33	795.33
7.	Tile manufacturing ..	194.57	219.65	295.66	242.04
8.	Soap and Glycerine ..	185.98	205.05	477.10	790.47
9.	Coir manufacturing ..	166.93	159.85	212.84	241.46
10.	Plywood manufacturing ..	99.12	316.52	485.69	591.51
11.	Iron and Steel Metal ..	..	159.24	264.96	271.35
12.	Printing and Binding ..	78.85	301.96	591.93	1077.24
13.	Other Industries ..	2732.97	8399.17	16548.51	50402.88
	All Industries ..	5670.44	14735.92	33310.36	67866.08

Source: Annual Survey of Industries.

Annual survey of Industries (Census sector) Kerala

3.7. Yearly value of output in the different types of Industries 1962-63 to 1976-77
(Rs. one crore and above)

Name of Industry		Value of output (Rs. in lakhs)			
		1962-63	1969-70	1975-76	1976-77
1.	Manufacture of fertilizers ..	449.39	1360.51	5968.05	5769.09
2.	Cotton textiles ..	805.34	..	3672.23	4279.53
3.	Tyres and Tubes ..	N.A.	N.A.	2626.17	1922.13
4.	Tea manufacturing ..	1022.20	1606.23	2434.34	3283.94
5.	Heavy chemicals ..	260.51	956.34	2546.12	3071.63
6.	Cashewnut processing ..	1501.67	4377.79	6962.65	7308.54
7.	Tiles manufacturing ..	294.96	320.67	722.29	636.11
8.	Soap and Glycerine ..	501.52	1056.32	2632.58	2375.63
9.	Coir manufacturing ..	712.24	569.43	405.69	702.41
10.	Plywood manufacturing ..	147.43	288.40	863.72	940.50
11.	Iron and steel metal ..	N.A.	N.A.	491.30	437.37
12.	Printing and binding ..	152.67	550.44	1094.42	1285.67
13.	Other industries ..	2883.09	12241.00	40800.39	52550.39
	All Industries ..	9015.21	25443.19	71219.95	84562.94

Source: Annual Survey of Industries.

Annual Survey of Industries (Census Sector) Kerala

3.8. Yearly value of net output (value added by manufacture) in the different types of Industries 1962-63 to 1976-77
(More than Rs. 10 lakhs)

Name of Industry	Value added by manufacture (Rs. in lakhs)			
	1962-63	1969-70	1975-76	1976-77
(1)	(2)	(3)	(4)	(5)
1. Manufacture of fertilizers ..	62.35	272.23	1285.32	1404.65
2. Cotton textiles ..	236.96	340.03	651.60	663.88
3. Tyres and Tubes ..	N.A.	N.A.	571.96	419.46
4. Tea manufacturing ..	153.41	349.39	543.87	1234.24
5. Heavy chemicals ..	N.A.	N.A.	745.23	707.34
6. Cashewnut processing ..	380.73	743.26	1557.30	1859.46
7. Tile manufacturing ..	167.64	170.47	409.61	361.44
8. Soap and Glycerene ..	116.10	241.56	703.44	569.48
9. Coir manufacturing ..	118.50	85.08	62.50	142.96
10. Plywood manufacturing ..	49.65	99.89	250.01	264.07
11. Iron and steel ..	N.A.	N.A.	23.53	128.06
12. Printing and binding ..	55.46	153.34	390.88	380.66
13. Other Industries ..	985.03	3439.53	5294.70	8316.73
All Industries ..	2413.27	6027.50	12442.89	16452.43

Source: Annual Survey of Industries.

3.9.1 Government of India Companies in Kerala Installed Capacity and Production

Name of Company	Name of Product	Unit	Installed capacity		Production	
			1977-78	1978-79	1977-78	1978-79
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Cochin Refineries Ltd.	Liquified Petroleum Gas ..	M.T.	10000	10000	9330	15765
	Naphtha ..	"	267000	267000	138549	262170
	Motor Spirit-83 ..	"	184000	184000	99226	142109
	Aviation Turbine Fuel ..	"	..	N.A	..	2559
	Superior Kerosene ..	"	735000	735000	215032	363644
	High Speed Diesel ..	"	707000	707000	535644	899823
	Light Diesel Oil ..	"	..	..	12089	20506
	Asphalt ..	"	..	N.A	..	28736
	Furnace Oil ..	"	1110000	1110000	600639	991035
	Low sulphur Heavy Stock ..	"	..	N.A	..	28736
Fertilisers & Chemicals Travancore Ltd.	Ammonium Sulphate ..	M.T.	198000	198000	134341	137505
	Ammonium Phosphate 16.20 ..	"	99000	99000	70675	69334
	Ammonium Phosphate 20.20 ..	"	49500	49500	40138	42672
	Ammonium chloride ..	"	24750	24750	6878	6953
	Super Phosphate ..	"	49500	49500	30677	33701
	Sulphur Dioxide ..	"	8250	8250	1502	1113
	Oleum ..	"	6600	6600	1931	2242
	Synthetic Cryolite ..	"	1650	1650	182	124
	Urea ..	"	330000	330000	161790	186043
	Complex Fertilisers ..	"	485000	485000	89270	103690
Hindustan Insecticides Ltd.	Technical DDT ..	Tonnes	1344	1344	1153	1357
	Formulated DDT ..	"	2688	2688	2182	2229
	Technical BHC ..	"	3000	3000	1526	1928
	Formulated BHC ..	"	3000	3000	2010	2019
	HILDAN 35 EC ..	"	N.A	1910	2683	381
Hindustan Latex Ltd.	Contraceptive condoms ..	Million pieces	288	288	163	183
	Metrological Balloons (875gms) ..	Nos.	Not fixed	12000	3560	4750
H.M.T. Ltd.	Machine Tools and accessories ..	Nos.	Not fixed	Not fixed	2113	46
	Printing Machines and Accessories..	"	"	"	19	57
Indian Rare Earths Ltd.	Ilmenite ..	M.T.	200000	160000	146127	99617
	Monozite ..	"	600	300	2813	217
	Zircon ..	"	10000	9000	7822	4482
	Rutile ..	"	9000	7500	5096	3916
	Sillimanite ..	"	4000	4000	1673	646
	Ziropac 'A' ..	"	..	..	226	120
	Zirflor ..	"	..	..	2210	2803
	Cerium Oxide ..	"	..	12	..	24
	Rare Earth Chloride ..	"	5000	5000	3751	3483
	Trisodium Phosphate ..	"	5600	5600	4398	4034
	Thorium Hydroxide ..	"	820	820	1170	1159
	Rare Earths Flouride ..	"	180	180	101	67
	Rare Earth Oxide ..	"	60	60	17	39
Indian Telephone Industries Ltd.	Electronic Switchin Instruments Lines		Not fixed	2500	896	992
Instrumentations Ltd.	Complementary out fits to instruments (including valves) ..	Nos.	Not fixed	4000	1037	1081
Modern Bakeries (India Ltd.)	Modern Bread ..	Lakh Nos. of 400gms	123	123	83.59	136.46
	Modern Bun ..	Lakh Nos. of 50gms.	47.66	47.66	24.37	6.29

3.9.2 Government of India Companies - Main Features

Name of Company	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	Value of Production (Rs. in lakhs)	Value of Production (Rs. in lakhs)	Value of Sales (Rs. in lakhs)	Value of Sales (Rs. in lakhs)	Persons Employed (Nos.)	Paidup Capital (Rs. in lakhs)	Value of Production per worker Rs.	Value of Production per worker Rs.	Value of Sales per worker Rs.	Value of Sales per worker Rs.	Net profit or loss (Rs. in lakhs)	Value of Production per worker Rs.	Value of Sales per worker Rs.	Value of Sales per worker Rs.	Net profit or loss (Rs. in lakhs)	Value of Production per worker Rs.
1. Cochin Refineries Ltd.**	15133.42	25565.50	14977.68	25446.48	447	700.00	3385553	5462714	3350711	5437282	(+107.63	(+107.63	(+107.63	(+107.63	(+184.07	(+107.63
2. Fertilizers and Chemicals Travancore Ltd.	6714.45	7514.27	8333.16	8735.43	7028	11881.20	95539	104948	118571	122003	(-886.00	(-886.00	(-886.00	(-886.00	(-554.00	(-886.00
3. Hindustan Insecticides Ltd. Alwaye	433.09	684.81	345.68	535.49	52	..	82337	128002	65719	100092	(+0.29	(+0.29	(+0.29	(+0.29	(-16.06	(+0.29
4. Hindustan Latex Ltd.	249.40	261.00	249.40	258.11	748	130.00	33342	35852	33342	35455	(+14.24	(+14.24	(+14.24	(+14.24	(-12.30	(+14.24
5. H.M.T. Ltd. Kalamassery..	440.00	995.29	588.00	993.54	2495	..	17635	36998	23567	38480	(-99.35	(-99.35	(-99.35	(-99.35	(+46.83	(-99.35
6. Indian Rare Earths Ltd. ...	800.38	910.45	858.90	862.30	882	323.50	90746	97374	97381	92225	(+93.70	(+93.70	(+93.70	(+93.70	(+96.50	(+93.70
7. Indian Telephone Industries Ltd. Palghat ..	16.92	23.12	12.68	9.79	109	..	15523	21407	11633	9065	(-8.90	(-8.90	(-8.90	(-8.90	(-9.68	(-8.90
8. Instrumentation Ltd. Palghat ..	225.05	352.68	313.25	490.68	194	..	116005	127321	161469	177141	(+70.90*	(+70.90*	(+70.90*	(+70.90*	(+103.81*	(+70.90*
9. Modern Bakeries (India) Ltd. Cochin ..	97.00	151.83	97.00	163.25	155	..	62581	98591	62581	106006	(+3.45	(+3.45	(+3.45	(+3.45	(+15.74	(+3.45

*Gross Profit

**Financial year 1977-78 consists of seven months from 1-9-77 to 31-3-78.

3.9.3 Kerala Government Owned Companies - Production and Installed capacity

Name of Company	Name of Product	Unit	Installed capacity		Production	
			1977-78	1978-79	1977-78	1978-79
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Kerala Ceramics Ltd.	Porcelain	.. Tonnes	595	595	564	535
	China Clay	.. "	5000	5000	4859	6100
	Spray & Dried Kaolin	.. "	18000	18000	4260	3808
2. Kerala Electrical & Allied Engineering Company Ltd.	Distribution Transformers KVS	.. "	120000	120000	76837	80028
	Electric Motors	.. Nos.	500	300	6	3
	Meter components	.. "	252000	252000	46266	39312
	Electric Wiring Accessories	.. "	133000	133000	21988	6330
	C.I. Special	.. M.T.	240	240	129	41
	Steel structures	.. "	1200	1200	546	303
	Alternators	.. Nos.	600	600	299	399
3. Kerala Minerals and Metals Ltd.	Ilmenite	.. Tonnes	25000	25000	22155	23549
	Rutile	.. "	2400	2400	20223	2052
	Sillimanite	.. "	1200	1200	124	981
	Zircon	.. "	300	300	521	124
	Brown Ilmenite	.. "	300	300	114	83
	Monozite	.. "	240	240	87	109
4. Kerala Premopipe Factory Ltd.	Prestressed Concrete Pipes	.. Nos.	N.A.	N.A.	2841	N.A.
	R.C.C. pipes	.. "	N.A.	N.A.	2692	N.A.
	R.C.C. Collars	.. "	N.A.	N.A.	1526	N.A.
5. Kerala Soaps & Oils Ltd.	Soaps	.. Tonnes	7900	7900	2566	4347
	Sharkliver Oil Products	.. "	300	300	47	63
	Glycerine	.. "	260	260	36	57
6. Kerala State Drugs & Pharmaceutical Ltd.	Tablets	.. Nos. (lakhs)	2514	2514	1650.52	2483
	Granules	.. Kgm.	20000	20000	12643.00	4700
	Capsules	.. Nos.(lakhs)	149	149	63.03	85.00
	Liquids	.. Lts. (lakhs)	2.25	2.25	0.79	1.02
	(a) Bottles	.. Nos.(lakhs)	4.50	4.50	Nil	3.54
	(b) Vials	.. "	15	15	Nil	5.55
	(c) Ampoules	.. "	60	60	14.94	15.99
7. Travancore Plywood Industries Ltd.	Plywood and allied articles	.. Lakhs Sq. Mtrs. of 4mm. basis	27.38	27.38	10.00	9.50
8. Trivandrum Rubber Works Ltd.	Cycle Tyres	.. Nos.	1500000	1500000	347034	56446
	Cycle Rims	.. "	300000	300000	102715	313581
	Cycle Tubes	.. "	..	1800000	..	18373
	Rubber Hoses	.. Metres	Not known	Not known	7276	26010
	Sheetings	.. Kgm.	"	"	253236	587717
	Camel Back	.. "	"	"	207746	171735
	Cycle	.. Nos.	"	"	277	297
	Latex Goods	.. Kgm.	"	"	64008	65900
9. Trivandrum Spinning Mills	Cotton yarn	.. Kgm.	25200 Ring Spindles 800 Doubling Spindles	25200 Spindles	485657	675434

3.9.4 Kerala Government owned companies - Main Features

Name of Company	Value of production (Rs. in lakhs)		Value of sales (Rs. in lakhs)		Persons Employed (No.)		Paid up capital (Rs. in lakhs)		Value of production per worker (Rs.)		Value of sales per worker (Rs.)		Net profit/loss (Rs. in lakhs)		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1. Kerala Ceramics Ltd.	1977-78	81.35	85.34	86.93	100.47	639	107.95	107.95	107.95	12731	13967	13604	16444	(-)53.51	(-)46.53
2. Kerala Electricals & Allied Engineering Com. Ltd.	1977-78	178.30	262.82	215.63	253.63	554	105.82	105.82	105.82	32184	47440	38922	45782	(-)44.11	(-)42.68
3. Kerala Minerals & Metals Ltd.	1977-78	63.61	69.68	62.20	64.37	431	204.05	204.05	204.05	14759	16018	14432	14798	(+)9.16	(+)10.70
4. Kerala Premopipe Factory Ltd.	1977-78	51.88	N.A	52.55	N.A	311	19.50	N.A	N.A	16682	..	16897	..	(+)9.36	N.A
5. Kerala Soaps and oils Ltd.	1977-78	197.34	321.68	165.56	268.82	420	149.97	149.97	149.97	46986	76590	39419	64005	(-)16.26	(+)0.36
6. Kerala State Drugs and Pharmaceuticals Ltd.	1977-78	135.26	220.40	170.01	273.62	280	45.00	45.00	85.00	48307	78156	60718	97028	(+)4.45	(+)2.26
7. Sitaram Textiles Ltd. Travancore	1977-78	34.73	N.A	43.09	N.A	63	188.00	N.A	N.A	55127	..	68397	..	(+)0.66	N.A
8. Plywood Industries Ltd.	1977-78	154.34	141.12	162.98	144.81	506	48.58	48.58	48.58	30502	28281	32209	29020	(-)10.69	(-)9.70
9. Trivandrum Rubber Works Ltd.	1977-78	109.09	183.79	107.00	168.77	416	57.70	57.70	168.69	26224	45719	25721	41983	(-)59.19	(-)49.35
10. Trivandrum Spinning Mills Ltd.	1977-78	112.84	179.58	99.91	178.61	539	65.45	65.45	65.86	20935	33441	18536	33261	(-)14.24	(+)0.01

3.9.5 Government Majority Companies Installed Capacity and Production

Sl.No.	Name of Company	Name of Product	Unit	Installed Capacity			Production	
				1977-78	1978-79	1977-78	1978-79	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1.	Chalaky Refractories Ltd.	Refractories	Tonnes	5000	5000	1142	2126	
2.	Forest Industries (Travancore) Ltd.	Wooden Doors, Windows, Furniture etc.	Lakh man hours	7.26	7.26	2.41	2.74	
3.	Pallathra Bricks & Tiles Ltd.	Sand Lime Bricks	Lakh Numbers	120	120	70.43	55.48	
4.	Traco Cable Company Ltd.	A.A./A.C.S.R.	M.T.	1500	1500	1009	1166.70	
		P.V.C. covered conductors and Bar copper conductors	Lakh crore metres	109.73	109.73	22.45	48.81	
		Telephone Cable	L.K.M.	1000	1000	1308	1709	
5.	Transformers and Electricals Kerala Ltd.	Power Transformers	M.V.A.	3000	N.A.	2006	N.A.	
		Current & Potential Transformers	Nos.	600	N.A.	338	N.A.	
6.	Travancore Cements Ltd.	White Cement	Tonnes	30000	30000	34890	34057	
		Cement Paint	Tonnes	Nil	450	Nil	267	
7.	Travancore Cochin Chemicals Ltd.	Zinc Hydroxide	M.T.	Nil	..	Nil	552	
		Caustic Soda	M.T.	59400	59400	27440	26883	
		Hydro Sulphite of Soda	M.T.	2100	2100	242	352	
		Sodium Sulphide	M.T.	2100	2100	573	456	
		Chlorine	M.T.	52272	52272	24147	23657	
8.	Travancore Titanium Products Ltd.	Titanium Dioxide	Tonnes	24500	24500	9888	9916	
		K.W.H. Meters	Numbers	200000	200000	115997	125010	
		Motor Control Gears	Numbers	11800	11800	4445	4703	
		L.T. Switch Gears	Numbers	600	600	115	164	
		Magneto Generator	Numbers	Not fixed	Not fixed	1522	752	
		11 K.V. Switch Gear	Numbers	Not fixed	Not fixed	11	10	
		Plastic Film Capacitors	Numbers	1000000	1000000	7086542	7157230	
		Electronic Items	Numbers	Not fixed	Not fixed	253	62	
		C.F.R.	Numbers	2000000	2000000	6638900	13329850	
9.	United Electrical Industries Ltd.							

3.9.6 Government Majority Companies - Main features

Name of the Company	Value of production (Rs. in lakhs)		Sales during (Rs. in lakhs)		Persons Employed (No.)		Paid up capital (Rs. in lakhs)		Value of production per worker (Rs.)		Value of sales per worker (Rs.)		Net profit/loss (Rs. in lakhs)	
	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1. Chalaky														
Refractories Ltd.	6.06	13.12	6.30	9.41	141	164	36.03	40.03	4298	8000	4468	5738	(-)8.22	(-)6.17
2. Forest Industries (Travancore) Ltd.	52.60	50.86	46.93	59.76	161	157	17.71	17.71	32671	322204	29149	38064	(+)0.28	(+)2.50
3. Pallathra Bricks and tiles Ltd.	18.13	9.56	17.78	11.35	115	115	18.56	20.06	15765	8313	15461	9870	(-)4.21	(-)4.49
4. Traco Cable Company Ltd.	313.59	476.33	395.51	465.11	232	234	119.92	119.92	135168	204	170478	198765	(+)18.28	(+)22.46
5. Transformers and Electricals Ltd.	1105.31	N.A.	1071.00	N.A.	1095	1095*	398.41	398.41*	100942	..	97808	59301	(+)60.54	(+)62.56
6. Travancore Cements Ltd.	246.32	464.22	274.24	268.04	469	452	50.00	50.00	52520	102704	58473	59301	(+)26.44	(+)17.74
7. Travancore Cochin Chemicals Ltd.	588.00	673.91	585.00	674.24	1100	1092	634.75	634.75	53455	61713	53182	61744	(-)258.68	(-)134.24
8. Travancore Titanium Products Ltd.	985.62	967.70	976.01	989.25	1336	1381	159.75	159.75	73774	70072	73055	71633	(+)43.00	(+)30.62
9. United Electrical Industries Ltd.**	155.38	174.11	154.05	173.42	497	499	58.90	83.90	31264	34892	30996	34754	(-)17.25	(+)2.21
Total	3471.01	..	3499.82	..	5146	5189	1494.03	1524.53	..	..	..	..	(-)139.82	(-)35.94

*Last years figure retained

**Calendar year 1977 & 1978 respectively

3.10 Production of Handloom cloth and Yarn

Year	Production of handloom cloth		Yarn (Metric tonnes)
	Co-operative sector and private sector (lakh metres)		
1973-74	1021	..	..
1974-75	938	..	..
1975-76	911	..	..
1976-77	869	..	..
1977-78	787	..	..
1978-79	783	16803	..

3.11 Khadi and Village Industries in Kerala Production and Sales in the State

Sl.No	Industry	1960-61					1969-70				
		Production in lakhs	Sales Rs. in lakhs	Employment (Numbers)		Total	Production in lakhs	Sales Rs. in lakhs	Employment (Numbers)		Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1.	Khadi	28.02	23.46	Not available		..	56.25	48.46	2520	9506	12026
2.	Processing of Cereals & pulses	7.91	6.78	462	754	1216	1.77	0.06	..	72	72
3.	Ghani oil	53.37	60.75	1566	2110	3676	53.34	54.54	481	1049	1530
4.	Village leather	0.15	0.17	22	43	65	12.76	13.27	227	205	432
5.	Cottage match	0.19	N.A.	3658	..	3658	2.78	2.58	60	116	176
6.	Gurkhandsari	N.A.	..	..	..	..	20.78	22.41	..	1208	1208
7.	Palmgur	N.A.	..	..	..	..	23.12	40.15	..	18467	18467
8.	NEO soap	1.39	1.43	32	57	89	4.96	4.78	46	580 @	626
9.	Hand made paper	0.97	0.83	Not Available		..	1.95	1.46	260	89	349
10.	Bee Keeping	1.99	1.99	..	4991	4991	19.21	19.21	..	11403	11403
11.	Village pottery	2.65	2.74	1058	358	1416	30.49	33.60	2942	254	3196
12.	Fibre (less than Rs.500)	..	..	..	..	..	5.30	4.80	11	10	21
13.	Carpentry, Blacksmith	0.05	0.01	..	..	..	2.13	2.00	104	55	159
14.	Cane and Bamboo	Nil	..	..	..	..	..	..	..	..	..
15.	Lime	Nil	..	..	..	..	5.29	5.61	532	550	882
16.	Gobar gas	Nil	..	..	..	..	@ 0.10 worth of gas produced				

1. The above figures have been taken from the statistical abstract of K.V.I, prepared by ECR, KVIC Bombay.

2. The break up of direct dealing and Khadi Boards performances is not available.

@ includes oil pressing, seed collection

1974-75

1975-76

Sl. No.	Industry	1974-75				1975-76					
		Production	Sales	Employment F.T	P.T	Wages	Production	Sales	Employment F.T	P.T	Wages
(1)	(2)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
1.	Khadi										
(1)	Kerala Khadi and V. I. Board	4067839	6853189	4766	..	1731269	5206316	6768061	4801	..	1331526
(2)	Directly assisted	5194324	3627704	5754	..	2533760	5540445	5026792	5922	..	3754395
(3)	Departmental (Commission)	3801	482	63	..	16500	13826	3948	70	..	32871
	Total	9265964	10481375	10583	..	4281529	10760587	11798801	10793	..	51188792
	VILLAGE INDUSTRIES										
2.	Village Oil Industry										
(1)	Kerala Khadi and V. I. Board	8257431	10307892	764	..	..	8753070	9119726	145	830	568374
(2)	Directly Assisted	667562	687108	17	..	30627	575000	608000	13	7	30021
	Total	9625000	10995000	781	..	30627	9328070	9727726	158	837	598395
3.	Village Leather Industry										
(1)	Kerala Khadi and V. I. Board	3587692	3908249	434	232	1426395	3811207	3951264	489	235	1213345
(2)	Directly assisted	147687	146048	9	..	19185	159793	145736	11	..	17915
	Total	3735379	4054307	443	..	1445580	3971000	4097000	500	235	1231260
4.	Cottage Match Industry										
(1)	Kerala Khadi & V. I. Board	326066	284531	26	60	45413	416692	449409	63	107	58470
(2)	Directly assisted	54934	60469	15	11	6587	55497	56478	11	6	7555
	Total	381000	345000	41	71	52000	472189	505887	74	113	66025
5.	Gur Khandisari										
	Kerala Khadi and V. I. Board	4348000	4486000	1478	1593	..	6656500	8878000	1187	1054	1347097
6.	Palmgur										
	Kerala Khadi and V. I. Board	5172000	5289000	248	19050	..	52670000	5388000	273	15130	3180000
7.	N. F. O. S.										
(1)	Kerala Khadi and V. I. Board	857000	455000	12	15	8860	577000	493000	27	15	28800
(2)	Directly assisted	986000	961000	10	1	27240	286000	961000	11	1	29500
	Total	1843000	1416000	22	16	36100	1563000	1454000	38	16	58300
8.	Handmade Paper Industry										
(1)	Kerala Khadi and V. I. Board	442048	365555	219	..	155488	573421	508090	210	N.A.	198931
(2)	Directly assisted	..	..	..	..	..	..	..	..	N.A.	..
	Total	442048	365555	219	..	155488	573421	508090	210	15158	198931

Sl. No.	Industry	1974-75				1975-76				
		Production (13)	Sales (14)	Employment F.T. (15)	Wages P.T. (16)	Production (18)	Sales (19)	Employment F.T. (20)	Wages P.T. (21)	Wages (22)
9.	Beekkeeping Industry									
	(1) Kerala Khadi and V. I. Board	..	Separately not available	..	..	..	..	..	..	..
	(2) Directly Assisted	..	..	..	..	..	..	..	..	..
	Total	3461871	3461871	13040	..	..	..	..	..	..
10.	Village Pottery Industry									
	(1) Kerala Khadi and V. I. Board	4582202	4768766	3894	..	3013232	5014631	5158860	3459	284
	(2) Directly assisted	19798	12234	15	10	9768	43135	42236	17	345
	Total	4602000	4788000	3909	10	3023000	5057766	5201096	3476	629
11.	Fibre Industry									
	(1) Kerala Khadi and V. I. Board	30743039	35250867	45909	1550	24057658	32289921	37190236	48114	1774
	(2) Directly Assisted	2628	583	51	4	318	36508*	23431*	34	40*
	Total	30745667	35951450	45960	1554	24057976	32326429	37213667	48148	1814
12.	Blacksmithy and Carpentry									
	(1) Kerala Khadi and V. I. Board	562555	558710	135	..	109713	1327775	1198595	211	34
	(2) Directly Assisted	304165	230998	26	..	51532	276970	258280	61	6
	Total	866720	789708	161	..	161245	1604745	1456875	272	40
13.	Line Industry									
	(1) Kerala Khadi and V. I. Board	2980000	3134000	1295	..	1632000	3030000	3308000	1886	..
	(2) Directly Assisted	16000	18000	3	..	2000	17000	18000	3	..
	Total	2996000	3152000	1298	..	1634000	3047000	3326000	1889	..
14.	Cane and Bamboo									
	Kerala Khadi and V. I. Board	913218	866811	1833	..	429840	1125900	1117844	430	178
15.	Fruit Preservation									
	Kerala Khadi and V. I. Board	..	..	..	..	..	10172	13189	6	..
16.	Medicinal Plants									
	Kerala Khadi and V. I. Board	800	9000	93	..	631	48000	35000	3	..

* Departmental (Commission)

(3.11 Continued)

Sl. No.	Industry	1976-77					1977-78							
		Production (23)	Sales (24)	Employment Full time (25)	Employment Part time (26)	Wages (27)	Production (28)	Sales (29)	Employment Full time (30)	Employment Part time (31)	Wages (32)			
1. Khadi														
(1) Kerala Khadi and V. I. Board	..	5252504	5482611	5283	..	3016566	6202498	5705294	5245	..	3214675			
(2) Directly assisted	..	6399028	5341537	6511	..	5035116	8656511	6515972	6760	..	5629209			
(3) Departmental (Commission)	..	40737	455460	99	..	119619	55728	1169755	94	..	72648			
Total	..	12392270	11279609	11893	..	8171302	14914737	13391021	12099	..	8916532			
VILLAGE INDUSTRIES														
2. Village Oil Industry														
(1) Kerala Khadi and V. I. Board	..	8029997	8292727	417	1067	697480	8051000	8198000	1819	..	664000			
(2) Directly Assisted	..	629579	652030	18	15	39419	1641000	1777000	18	..	39000			
Total	..	8659576	8944757	435	1080	736899	9692000	9975000	1837	..	703000			
3. Village Leather Industry														
(1) Kerala Khadi and V. I. Board	..	4561392	4901487	637	258	1434895	5592000	5828000	746	333	1663000			
(2) Directly assisted	..	370589	314113	22	7	34889	640000	637000	87	68	55000			
Total	..	4931979	5215600	659	265	1469784	6232000	6465000	833	401	1718000			
4. Cottage Match Industry														
(1) Kerala Khadi and V. I. Board	..	472349	519288	85	176	82771	2745000	2573000	391	1090	437000			
(2) Directly assisted	..	37355	39930	10	5	4521	119000	55000	15	..	8000			
Total	..	509705	559218	95	181	87292	2864000	2628000	406	1090	445000			
5. Car Khandeeri														
Kerala Khadi and V. I. Board	..	6116250	7515250	875	880	1337760	7496000	8602000	1112	999	1426000			
6. Palmar														
Kerala Khadi and V. I. Board	..	5453000	5334000	275	15260	3219000	4696000	4668000	217	45130	3245000			
7. N. E. O. S.														
(1) Kerala Khadi and V. I. Board	..	592000	479000	29	39	39000	425000	454000	30	44	43000			
(2) Directly assisted	..	860000	863000	5	12	42300	1235000	1122000	9	7	45000			
Total	..	1452000	1342000	34	51	81300	1660000	1576000	39	51	88000			
8. Handmade Paper Industry														
(1) Kerala Khadi and V. I. Board	..	454252	429014	227	..	164697	380000	212000	178	..	95000			

1976-77

1977-78

Sl. No.	Industry	Production		Sales		Employment Part time		Wages		Production		Sales		Employment Part time		Wages	
		(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
9. Beekeeping Industry																	
(1) Kerala Khadi and V. I. Board	..	4408668	4408668	282	7459	4408668	3538000	7941	..	3538000	..	3538000	7941	..	3538000	..	3538000
(2) Directly assisted	..	3262719	3262719	45	7591	3262719	2814000	7109	..	2814000	..	2814000	7109	..	2814000	..	2814000
Total	..	7671387	7671387	327	15050	7671387	6352000	15050	..	6352000	..	6352000	15050	..	6352000	..	6352000
10. Village Pottery Industry																	
(1) Kerala Khadi and V. I. Board	..	5575000	5552000	3309	500	3511000	6651000	490	4103	7043000	..	7043000	490	4103	4051000	..	4051000
(2) Directly assisted	..	31840	28165	15	298	21018	31000	80	122	28000	..	28000	80	122	16000	..	16000
Total	..	5606840	5580165	3324	798	3532018	6682000	570	4225	7071000	..	7071000	570	4225	4067000	..	4067000
11. Fibre Industry																	
(1) Kerala Khadi and V. I. Board	..	34284784	37393073	48643	997	26902637	34161000	50487	..	37379000	..	37379000	50487	..	25894000	..	25894000
(2) Directly assisted	38506	87	..	34000	..	34000	87	..	29214	..	29214
(3) Department (Commission)	..	37467	38756	28	..	13370	33976	23	..	38060	..	38060	23	..	11673	..	11673
Total	..	34322251	37431829	48671	997	26916007	34233482	50597	..	37451060	..	37451060	50597	..	25934887	..	25934887
12. Blacksmithy and Carpentry																	
(1) Kerala Khadi and V. I. Board	..	1221126	1019801	116	32	242359	1003000	132	10	1084000	..	1084000	132	10	186000	..	186000
(2) Directly assisted	..	664459	462299	59	14	103433	632000	54	..	317000	..	317000	54	..	58000	..	58000
Total	..	1885585	1482100	175	46	345792	1635000	186	10	1401000	..	1401000	186	10	244000	..	244000
13. Lime Industry																	
(1) Kerala Khadi and V. I. Board	..	2924000	3162000	1088	407	1606000	4235000	1153	444	4561000	..	4561000	1153	444	1748000	..	1748000
(2) Directly assisted	..	99000	118000	6	30	25000	18000	2	2	19000	..	19000	2	2	8000	..	8000
Total	..	3023000	3280000	1094	437	1631000	4253000	1155	446	4580000	..	4580000	1155	446	1756000	..	1756000
14. Cane and Bamboo																	
(1) Kerala Khadi and V. I. Board	..	1131018	1125123	695	1443	695522	1466000	799	1617	1455000	..	1455000	799	1617	720000	..	720000
(2) Directly assisted	9000	5	5	7000	..	7000	5	5	4000	..	4000
15. Fruit Preservation																	
(1) Kerala Khadi and V. I. Board	..	31548	33853	5	12	2204	72000	11	18	50000	..	50000	11	18	16000	..	16000
16. Medicinal Plants																	
(1) Kerala Khadi and V. I. Board	..	40375	39881	3	..	13100	160000	5	2000	165000	..	165000	5	2000	2005	..	2005
17. P. C. P. Industry																	
(1) Kerala Khadi and V. I. Board	..	813414	883303	267	622	176342	1496724	264	38	1494296	..	1494296	264	38	337176	..	337176
(2) Directly assisted	7276	1	..	4704	..	4704	1	..	1968	..	1968
Total	..	813414	883303	267	622	176342	1504000	265	38	1499000	..	1499000	265	38	338144	..	338144

3.11 (Continued)

(Rs. in lakhs)

Sl. No.	Industry	1978-79					
		Production	Sales	Employment (Numbers)		Wages	
		(Rs.)	(Rs.)	F.T.	P.T.	(Rs.)	
(1)	(2)	(33)	(34)	(35)	(36)	(37)	
1.	Khadi:						
	(1) Directly assisted	..	84.18	98.63	4986	..	44.76
	(2) State Board	..	62.82	51.56	6890	..	44.58
	Total	..	147.00	150.19	11876	..	89.34
2.	Village Pottery						
	(1) Directly assisted	..	82.33	84.58	5624	..	55.50
	(2) State Board	..	82.33	84.58	5624	..	55.50
	Total	..	82.33	84.58	5624	..	55.50
3.	Village Oil						
	(1) Directly assisted	..	6.18	6.33	19	3	0.45
	(2) State Board	..	87.07	88.36	325	1375	5.15
	Total	..	93.25	94.69	344	1378	5.60
4.	Black Smithy and Carpentry						
	(1) Directly assisted	..	14.30	10.72	218	31	26.79
	(2) State Board	..	14.30	10.72	218	31	26.79
	Total	..	14.30	10.72	218	31	26.79
5.	NEO Soap						
	(1) Directly assisted	..	12.21	11.02	23	1	0.61
	(2) State Board	..	7.08	7.18	22	22	0.48
	Total	..	18.29	18.20	45	23	1.09
6.	Fibre						
	(1) Directly assisted	..	372.31	424.86	51291	963	276.85
	(2) State Board	..	372.31	424.86	51291	963	276.85
	Total	..	372.31	424.86	51291	963	276.85
7.	Lime						
	(1) Directly assisted	..	0.53	0.53	2	5	0.04
	(2) State Board	..	64.91	68.70	1404	537	26.79
	Total	..	65.44	69.23	1406	542	26.83
8.	Cottage Match						
	(1) Directly assisted	..	0.49	0.52	15	7	0.16
	(2) State Board	..	38.13	41.35	1064	1139	7.31
	Total	..	38.62	41.87	1079	1146	7.47
9.	Palm gur						
	(1) Directly assisted	..	41.08	42.02	270	15130	37.85
	(2) State Board	..	41.08	42.02	270	15130	37.85
	Total	..	41.08	42.02	270	15130	37.85
10.	P.C.P.I.						
	(1) Directly assisted	..	1.28	1.38	13	1	0.23
	(2) State Board	..	32.97	35.25	..	848	7.86
	Total	..	34.25	36.63	13	849	8.09
11.	Hand made Paper						
	(1) Directly assisted	..	5.07	5.23	180	..	1.98
	(2) State Board	..	5.07	5.23	180	..	1.98
	Total	..	5.07	5.23	180	..	1.98
12.	Village Leather						
	(1) Directly assisted	..	6.50	6.37	26	13	0.54
	(2) State Board	..	63.03	66.26	787	413	18.34
	Total	..	69.53	72.63	813	426	18.88
13.	Bee-keeping						
	(1) Directly assisted	..	42.49	42.49	37	8605	42.49
	(2) State Board	..	36.02	36.02	929	7483	36.02
	Total	..	78.51	78.51	966	16088	78.51
14.	Fruit Processing						
	(1) Directly assisted	..	1.96	2.25	3	4	0.52
	(2) State Board	..	1.96	2.25	3	4	0.52
	Total	..	1.96	2.25	3	4	0.52
15.	Cane and Bamboo						
	(1) Directly assisted	..	4.70	5.37	17	29	0.86
	(2) State Board	..	21.27	19.89	1235	1723	11.21
	Total	..	25.97	25.26	1252	1752	12.07
16.	Gur and Khandasari						
	(1) Directly assisted	..	66.57	76.08	988	947	15.19
	(2) State Board	..	66.57	76.08	988	947	15.19
	Total	..	66.57	76.08	988	947	15.19
17.	Collection of Forest Plants						
	(1) Directly assisted	..	0.78	0.84	1	1005	0.09
	(2) State Board	..	0.78	0.84	1	1005	0.09
	Total	..	0.78	0.84	1	1005	0.09
18.	Gobar Gas						
	(1) Directly assisted	..	..	..	..	..	..
	(2) State Board	..	..	..	..	..	..
	Total	..	..	..	..	..	..

3.12 District-wise Details of Loans Sanctioned, Disbursed and Balance Outstanding in Respect of Loans advanced by the Kerala Financial Corporation

(Rs. in lakhs)

(1)	1970-71		1971-72		1972-73		1973-74		1974-75		1975-76		1976-77		1977-78		1978-79	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
TRIVANDRUM																		
Sanction	37	99.22	73	139.24	120	176.00	165	219.26	223	312.32	302	462.12	347	521.74	390	602.25	436	689.50
Disbursement	35	92.78	58	108.41	79	135.61	115	156.68	171	199.99	231	252.99	287	373.64	318	405.37	372	502.29
Outstanding	28	70.25	50	86.32	67	111.98	100	124.00	152	162.82	211	219.50	261	301.27	284	345.48	309	446.63
QUILON																		
Sanction	55	106.51	108	153.82	180	228.95	223	285.71	279	352.35	326	449.65	369	504.43	442	574.90	558	671.90
Disbursement	47	86.68	80	105.74	124	138.71	166	168.95	200	196.05	261	254.29	290	305.96	352	370.70	432	448.77
Outstanding	19	59.57	56	81.85	91	112.58	133	142.08	160	165.04	225	218.00	246	272.90	297	334.08	353	382.72
ALLEPPEY																		
Sanction	31	77.88	44	132.85	83	226.85	111	279.92	153	415.40	182	480.82	220	542.50	274	664.97	300	714.03
Disbursement	29	64.99	33	77.34	53	118.67	76	148.95	101	174.68	131	263.85	155	303.40	183	352.21	222	428.32
Outstanding	12	38.42	15	50.27	40	100.07	64	132.33	91	156.47	120	236.73	143	280.65	162	299.63	189	363.93
KOTTAYAM																		
Sanction	53	183.34	66	210.25	80	241.33	87	248.28	99	277.22	128	321.81	152	367.51	201	468.15	241	490.32
Disbursement	49	149.83	59	167.43	68	192.23	71	201.70	83	248.18	100	240.14	116	258.44	151	298.92	195	349.98
Outstanding	22	79.14	27	97.03	33	122.61	39	136.59	48	150.67	72	171.95	82	193.42	118	275.71	159	331.52
IDUKKI																		
Sanction	..	..	..	..	1	5.66	1	5.66	3	9.06	4	9.95	19	23.71	39	33.78	42	37.81
Disbursement	..	..	..	..	Nil	Nil	Nil	Nil	1	0.70	3	4.30	10	8.01	25	16.87	33	22.14
Outstanding	..	..	..	..	Nil	Nil	Nil	Nil	1	0.70	2	3.40	9	6.54	21	11.49	29	17.67
ERNAKULAM																		
Sanction	49	227.22	82	349.43	131	486.44	162	558.38	204	676.13	342	939.84	418	1133.31	562	1369.82	651	1514.67
Disbursement	42	181.03	73	234.61	108	320.14	131	355.32	169	415.33	264	528.07	334	677.82	417	801.62	526	957.82
Outstanding	29	143.00	64	186.10	91	253.96	117	286.90	153	345.15	240	427.24	313	586.16	380	703.32	455	865.28
TRICHUR																		
Sanction	29	131.35	68	186.31	109	245.77	138	290.46	163	353.41	199	427.45	234	506.35	267	587.54	287	626.67
Disbursement	25	93.33	38	117.94	70	152.81	96	174.07	120	207.57	142	246.79	170	285.90	201	334.77	231	403.39
Outstanding	18	85.70	28	119.03	65	141.10	90	154.99	118	196.41	142	254.99	165	275.86	192	322.68	209	379.37
PALGHAT																		
Sanction	7	47.48	9	48.72	12	50.48	16	56.06	23	68.72	31	113.47	52	127.34	67	139.77	73	151.41
Disbursement	4	32.64	6	34.08	6	34.08	11	36.36	15	39.40	21	45.55	27	54.22	39	89.35	49	96.35
Outstanding	3	29.02	6	31.56	6	26.05	11	26.33	15	28.13	24	39.80	27	46.89	39	81.35	49	87.88
MALAPPURAM																		
Sanction	Nil	Nil	19	19.56	27	31.85	45	67.23	95	135.18	134	238.76	153	261.46	171	300.26	186	322.04
Disbursement	Nil	Nil	4	4.80	16	15.95	28	33.03	53	49.84	96	91.43	116	154.20	130	184.63	148	207.9
Outstanding	Nil	Nil	4	4.35	16	16.12	27	29.74	60	49.96	97	93.68	116	159.93	129	192.62	146	220.81
KOZHIKODE																		
Sanction	26	102.80	48	129.16	68	172.51	79	182.51	116	227.86	180	292.94	228	343.08	375	423.56	393	467.82
Disbursement	18	83.34	24	100.95	44	115.97	67	145.26	84	160.00	134	201.96	167	227.27	287	282.84	338	320.93
Outstanding	17	76.34	21	88.88	44	106.48	64	124.02	79	136.00	136	189.14	162	213.66	279	263.10	319	300.86
CANNANORE																		
Sanction	10	34.45	19	43.51	37	78.81	56	116.21	82	179.81	106	237.53	136	295.02	161	311.49	192	338.29
Disbursement	9	31.23	12	33.68	23	45.06	38	57.40	52	74.52	71	118.02	84	135.83	107	168.90	137	197.65
Outstanding	5	19.29	6	19.02	20	33.81	36	42.96	50	60.40	65	76.90	77	97.87	103	134.32	134	186.63
MAHI & OTHER AREA																		
Sanction	3	2.90	3	2.90	3	2.90	4	3.13	4	3.13	4	3.13	4	3.13	4	3.13	4	3.13
Disbursement	3	2.90	3	2.90	3	2.90	4	3.06	4	3.06	4	3.06	4	3.06	4	3.06	4	3.06
Outstanding	1	0.12	1	0.13	1	0.12	2	0.30	1	0.16	1	0.17	1	0.18	1	0.20	1	0.22
STATE TOTAL	300	1013.15	539	1415.95	851	1947.55	1087	2312.81	1444	3010.59	1938	2977.47	2332	4629.58	2953	5479.62	3363	6027.59
Sanction	261	818.75	390	987.88	594	1271.73	803	1480.78	1053	1746.32	1458	2250.45	1760	2787.75	2214	3309.24	2687	3938.60
Outstanding	154	600.85	278	764.54	474	1024.88	683	1200.24	928	1451.91	1335	1931.50	1602	2435.33	2005	2963.54	2352	3583.52

3.13 Corporations/Boards under the Control of Government of Kerala

1. Kerala State Housing Board, Trivandrum
2. Kerala Khadi and Village Industries Board, Trivandrum
3. State Planning Board, Trivandrum
4. Kerala State Rural Development Board, Trivandrum
5. Kerala Toddy Workers' Welfare Fund Board, Trivandrum
6. Kerala State Electricity Board, Trivandrum
7. Kerala Livestock Development and Milk Marketing Board Ltd.
8. Kerala State Board for Prevention and Control of Water Pollution
9. Kerala Agro Industries Corporation Ltd., Trivandrum
10. Kerala State Bamboo Corporation Ltd., Angamally
11. Kerala State Cashew Development Corporation Ltd., Quilon
12. Kerala Agro-Machinery Corporation, Ernakulam
13. The Kerala State Civil Supplies Corporation Ltd., Ernakulam
14. Kerala State Coconut Development Corporation Ltd., Trivandrum
15. The Kerala State Coir Corporation Ltd., Alleppey
16. Kerala State Construction Corporation Ltd., Trivandrum
17. The Kerala State Development Corporation for Scheduled Castes/Scheduled Tribes Ltd., Trichur
18. Kerala State Electronics Development Corporation Limited, Trivandrum
19. Kerala State Small Industries Development and Employment Corporation Ltd., Trivandrum
20. The State Farming Corporation of Kerala Ltd., Punalur
21. Kerala State Film Development Corporation Ltd., Trivandrum
22. Kerala Financial Corporation, Trivandrum
23. Kerala Fishermen's Welfare Corporation Ltd., Trivandrum
24. Kerala Fisheries Corporation Ltd., Cochin
25. Kerala Forest Development Corporation Ltd., Kottayam
26. The Kerala Handloom Finance and Trading Corporation Ltd., Cannanore
27. Handicrafts Development Corporation of Kerala Ltd., Trivandrum
28. Kerala State Industrial Products Trading Corporation Ltd., Trivandrum
29. Kerala Inland Navigation Corporation Ltd., Cochin
30. The Kerala Land Development Corporation Ltd., Alleppey
31. The Plantation Corporation of Kerala Ltd., Kottayam
32. Kerala State Road Transport Corporation, Trivandrum
33. Kerala Shipping Corporation Ltd., Cochin
34. Kerala State Textile Corporation Ltd., Trivandrum
35. Kerala Tourism Development Corporation Ltd., Trivandrum
36. Kerala Urban Development Finance Corporation Ltd., Calicut
37. Kerala State Warehousing Corporation, Ernakulam
38. Kerala State Handicapped Persons' Welfare Corporation Ltd., Trivandrum
39. Kerala State Industrial Enterprises Ltd., Trivandrum
40. Kerala State Industrial Development Corporation Ltd., Trivandrum.

IV LABOUR AND WAGES

4.1. Number of working factories registered under the Factories Act and average daily Employment therein under different sections-Kerala
(Employment in thousands)

Year	Factories defined under sections									
	2m(i)		2m(ii)		85(p)		(85 (N.P))		Grand Total	
	Number	Employment	Number	Employment	Number	Employment	Number	Employment	Number	Employment
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1960	1253	91	497	70	409	3	241	3	2400	167
1970	1785	148	343	51	724	4	188	2	3040	205
1975	2158	179	318	59	3017	18	824	8	6317	264
1976	2207	186	325	66	3326	19	1063	10	6921	281
1977	2225	188	280	65	3851	22	1269	11	7625	286
1978	2160	179	250	59	4189	24	1185	10	7784	272

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

Source: B.E.S.

4.2.1 Number of Registered working Factories and Employment therein Classified into 2m(i) 2m(ii), 85(P) and 85 (NP) (District-wise)

District	1976									
	2m(i)		2m(ii)		85(P)		85(NP)		Total	
	No.	Employment	No.	Employment	No.	Employment	No.	Employment	No.	Employment
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. Trivandrum ..	102	15210	16	3384	117	686	39	265	274	19545
2. Quilon ..	288	69587	133	55258	255	1420	48	399	724	126664
3. Alleppey ..	114	11498	28	679	232	1187	138	1387	512	14751
4. Kottayam ..	129	4954	2	41	349	2182	58	361	538	7538
5. Idukki ..	99	4259	..	..	23	164	3	12	125	4435
6. Ernakulam ..	385	30572	6	169	615	3584	79	555	1085	34880
7. Trichur ..	340	14851	17	1402	420	2274	34	247	811	18774
8. Palghat ..	212	7592	11	521	364	2029	44	363	631	10505
9. Malappuram ..	36	1417	..	..	87	457	8	63	131	1937
10. Kozhikode ..	316	16853	26	1096	384	2800	215	1657	941	22406
11. Cannanore ..	186	10094	86	3399	380	2241	397	4302	1049	20036
State ..	2207	186887	325	65949	3326	19024	1063	9611	6821	281471

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

Source: B.E. and S.

4.2.2. Number of Registered Working Factories and Employment therein Classified into 2m(i), 2m(ii) 85(P) and 85 N.P. (District wise)

District	1977									
	2m(i)		2m(ii)		85(P)		85(NP)		Total	
	No.	Employment	No.	Employment	No.	Employment	No.	Employment	No.	Employment
1. Trivandrum ..	101	15484	14	3291	133	751	47	370	295	19896
2. Quilon ..	274	67230	132	56192	324	1924	70	726	800	126072
3. Alleppey ..	125	12579	25	712	247	1372	163	1429	560	16092
4. Kottayam ..	129	5017	3	45	426	2658	59	395	617	8115
5. Idukki ..	94	4065	..	..	26	188	3	12	123	4265
6. Ernakulam ..	370	30925	6	220	616	3516	67	461	1059	35122
7. Trichur ..	334	15801	8	1203	507	2604	35	199	884	19807
8. Palghat ..	206	7462	6	141	495	2790	39	246	746	10639
9. Malappuram ..	43	1592	..	..	95	545	11	124	149	2261
10. Kozhikode ..	338	16929	15	756	562	3290	269	2174	1184	23149
11. Cannanore ..	211	10318	71	2549	420	2442	506	4759	1208	20068
State ..	2225	187402	280	65109	3851	22080	1269	10895	7625	285486

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

Source: B.E.S.

4.2.3 Number of Registered Working Factories and Employment therein Classified into 2m(i), 2m(ii), 85(P) and 85 NP (District-wise)

District	1978									
	2m(i)		2m(ii)		85 (P)		85(NP)		Total	
	No.	Employment	No.	Employment	No.	Employment	No.	Employment	No.	Employment
1. Trivandrum ..	101	13736	9	2286	146	818	47	351	303	17191
2. Quilon ..	260	62098	117	50877	355	2098	55	542	787	115615
3. Alleppey ..	127	11595	23	621	264	1375	166	1734	580	15325
4. Kottayam ..	123	4944	3	52	434	2546	59	387	619	7929
5. Idukki ..	89	4170	..	..	22	146	3	12	114	4328
6. Ernakulam ..	356	32048	6	235	811	4888	76	518	1249	37689
7. Trichur ..	322	15418	8	1160	510	2607	36	211	876	19396
8. Palghat ..	199	7236	6	144	572	3281	39	243	816	10904
9. Malappuram ..	44	1692	..	..	114	638	11	124	169	2454
10. Kozhikode ..	338	16031	16	948	563	3461	255	2148	1172	22588
11. Cannanore ..	201	10103	62	2393	398	2210	438	4272	1099	18978
State ..	2160	179071	250	58716	4189	24068	1185	10542	7784	272397

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

Source: B.E.S.

4.3.1 Percentage Distribution of Employed Persons by hours at Work in Kerala for the year 1976 (2m+85) Section.

Weekly hours at work	Employed		
	Male	Female	Persons
(1)	(2)	(3)	(4)
42 and below	1.71	1.07	1.33
43-45	4.75	0.65	6.44
46-48	82.66	98.03	91.72
Above 48	0.88	0.25	0.51
Total	100.00	100.00	100.00

4.3.2 Percentage Distribution of Employed persons by hours at Work in Kerala for the year 1977 (2m Section)

Weekly hours at work	Employed		
	Male	Female	Persons
(1)	(2)	(3)	(4)
42 and below	2.44	1.17	1.70
43-45	14.03	1.02	6.53
46-48	81.59	95.22	89.45
Above 48	1.94	2.59	2.32
Total	100.0	100.00	100.00

4.3.3 Percentage Distribution of Employed persons by hours at Work in Kerala for the year 1977 (85 Section)

Weekly hours at work	Employed		
	Male	Female	Persons
(1)	(2)	(3)	(4)
42 and below	9.14	9.30	9.16
43-45	2.78	2.62	2.76
46-48	85.58	86.78	85.73
Above 48	2.50	1.30	2.35
Total	100.00	100.00	100.00

4.3.4 Percentage Distribution of Employed persons by hours at Work in Kerala for the year 1978 ('2m' Section)

Weekly hours at work	Employed		
	Male	Female	Persons
(1)	(2)	(3)	(4)
42 and below	2.07	0.78	1.38
43-45	25.40	5.48	14.72
46-48	72.21	93.72	83.74
Above 48	0.32	0.02	0.16
Total	100.00	100.00	100.00

4.3.5 Percentage Distribution of Employed Persons by hours at Work in Kerala for the year 1978 (85 Section)

Weekly hours at work	Employed		
	Male	Female	Persons
(1)	(2)	(3)	(4)
42 and below	10.86	10.56	10.82
43-45	2.82	2.65	2.68
46-48	85.16	85.83	85.36
Above 48	1.16	0.96	1.14
Total	100.00	100.00	100.00

4.4. Per capita Average Daily Earnings of Factory workers under the payment of wages act 1936 - Kerala (In respect of persons earnings less than Rs. 400 only)

Industry	(Rs.)					
	1960	1970	1975	1976	1977	1978
1. Rice mill	1.68	5.05	6.97	8.80	9.33	8.04
2. Sugar	..	9.05	13.34	19.32	9.71	25.16
3. Edible Oils	2.68	4.90	10.35	9.54	9.97	10.12
4. Tea Factories	2.41	4.12	8.10	8.50	10.97	12.03
5. Cashew Factories	1.25	3.35	6.67	7.89	7.87	9.35
6. Cotton Textiles	3.13	7.12	8.79	9.80	9.35	7.93
7. Coir	2.63	7.55	10.93	12.43	12.99	13.89
8. Umbrellas	2.45	6.20	10.11	9.43	10.81	13.45
9. Saw Mills	2.97	5.78	10.20	10.03	10.97	11.12
10. Plywood	2.65	7.27	..	8.91	11.72	18.08
11. Splints and veneers	1.44	2.86	8.62	7.43	8.76	9.71
12. Furniture and Fixtures	3.11	9.36	12.45	11.70	12.38	15.69
13. Printing and Publishing	3.49	10.24	10.70	15.84	12.94	12.94
14. Tyres and tubes	3.87	18.22*	8.62	34.01	10.78	21.92
15. Rubber	2.80	6.97	10.40	13.39	16.47	10.89
16. Artificial manures	4.26	4.99	10.04	26.92	19.50	28.11
17. Pharmaceuticals	3.73	6.56	10.41	19.02	19.62	23.29
18. Matches	2.43	2.10	3.05	3.70	3.69	4.12
19. Soaps	7.77	10.25	11.83	27.03	27.38	17.00
20. Bricks and tiles	2.58	5.12	11.11	10.43	10.68	11.95
21. Pottery China and (earthen ware)	2.94	7.08	11.93	15.25	13.89	16.39
22. Metal Products	3.13	7.44	9.18	20.45	19.76	23.37
23. General jobbing Engineering	4.93	7.21	9.23	13.86	14.13	13.56
24. Electrical machinery	3.94	9.87	10.08	25.66	28.45	18.01
25. Repair of motor vehicles	3.58	10.06	10.23	18.16	17.17	18.32
26. Sanitary Services	Nil	10.29	..	15.07	15.25	..

* High rate due to the Payment of a large amount of Bonus.

4.5. Industrial Disputes Resulting in work-stoppages by Selected Industries in Kerala

	Plantations			Textiles			Coir			Saw Mills		
	A	B	C	A	B	C	A	B	C	A	B	C
1960	25	8036	30	14	2926	33	1	101	1	6	318	2
1970	37	16735	84	6	836	4	3	70	5	12	640	4
1975	11	1671	14578	5	823	20566	..	..	..	3	199	5018
1976	2	28	126	20	1829	9368	..	..	..	..	..	..
1977	19	60572	417457	16	6083	215392	4	3848	11528	5	59	276
1978	32	29407	644404	13	7940	671180	6	3296	28881	1	12	276

A - Number of Disputes
B - Workers affected
C - Man-days lost (in thousands)

4.5 (Contd.....)

	Tiles			Cashew			Others			Total		
	A	B	C	A	B	C	A	B	C	A	B	C
1960	40	3614	98	140	139046	264	48	5026	42	274	159067	470
1970	26	4397	40	1	820	1	188	49750	533	273	73248	671
1975	4	341	2877	3	5114	23342	65	15101	471783	91	23249	538164
1976	2	299	2362	..	..	..	33	1701	78968	57	3857	90824
1977	5	499	25952	16	20044	190174	115	63049	1920356	180	154154	2781135
1978	14	8760	214723	4	2182	61953	61	13879	487082	131	65476	2108499

A - Number of disputes
B - Workers affected
C - Man-days lost

4.6.1 Industry wise distribution of work stoppages in Kerala by Causes

Sl. No.	Industry	1976						
		Wages	Bonus	Personnel	Working Conditions	Retrenchment	Others	Total No. of disputes
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	Plantation	1	..	..	1	..	..	2
2.	Cashew	..	..	..	..	..	..	..
3.	Textiles	3	16	..	..	..	1	20
4.	Coir	..	..	..	..	..	..	..
5.	Saw Mills	..	..	..	..	..	..	..
6.	Tiles	1	1	..	..	..	..	2
7.	Miscellaneous	5	6	4	..	..	18	33
	Total	10	23	4	1	..	19	57

Source: Bureau of Economics and Statistics.

4.6.2 Industry-wise Distribution of work stoppages in Kerala by causes

Sl. No.	Industry	1977						
		Wages	Bonus	Personnel	Working Conditions	Retrenchment	Others	Total No. of disputes
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	Plantation	9	5	3	..	..	2	19
2.	Cashew	11	1	1	..	..	3	16
3.	Textiles	3	3	2	..	..	8	16
4.	Coir	1	..	..	..	..	3	4
5.	Saw Mills	3	1	..	..	..	1	5
6.	Tiles	3	2	..	..	..	..	5
7.	Miscellaneous	43	37	11	..	..	24	115
	Total	73	49	17	..	..	41	180

Source: Bureau of Economics & Statistics.

4.6.3 Industry-wise distribution of work stoppages in Kerala by causes

Sl. No.	Industry	1978						
		Wages	Bonus	Personnel	Working conditions	Retrenchment	Others	Total No. of disputes
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	Plantation	9	12	1	..	..	10	32
2.	Cashew	1	2	..	..	..	1	4
3.	Textiles	5	3	..	..	..	5	13
4.	Coir	4	..	..	..	..	2	6
5.	Saw Mills	..	..	..	..	1	..	1
6.	Tiles	6	1	..	..	..	7	14
7.	Miscellaneous	24	8	3	2	2	22	61
	Total	49	26	4	2	3	47	131

Source: Bureau of Economics & Statistics.

4.7. Statistics of Maternity Benefits in Respect of Factories covered by the Maternity Benefit Act 1961

Year	Number of establishments		Average daily No. of women employed in establishments which submitted returns	No. of women who claimed maternity benefits	No. of claims accepted and paid either fully or partially
	Covered by the Maternity Benefit Act	Which submitted annual returns			
(1)	(2)	(3)	(4)	(5)	(6)
1961	877	428	51476	5689	5289
1970	948	737	53684	3245	3148
1975	708	488	69294	2702	2702
1976	1118	694	73455	775	775
1977	570	546	76290	1934	1934
1978	781	541	39361	950	940

Source: Chief Inspector of Factories & Boilers, Trivandrum.

4.8 Statistics of Maternity Benefits in Respect of Plantations covered by the Maternity Benefit Act 1961

Year	Number of establishments		Average daily No. of women employed in establishments which submitted returns	No. of women who claimed maternity benefits	No. of claims accepted and paid either fully or partially
	Covered by the Maternity Benefit Act	Which submitted annual returns			
(1)	(2)	(3)	(4)	(5)	(6)
1961	405	250	42673	7908	7908
1970	454	170	20850	6536	6536
1975	490	276	43034	8419	8053
1976	484	288	44232	8371	7865
1977	609	322	53052	7848	7787
1978	473	361	42583	15821	15821

Source: Chief Inspector Plantations, Kottayam

4.9 (a) Average daily wage rates of skilled labour in the construction sector (urban)

(in Rupees)

Sl. No.	District	Carpenter (1st Class)					Mason (1st Class)				
		1965-66	1970-71	1976-77	1977-78	1978-79	1965-66	1970-71	1976-77	1977-78	1978-79
1.	Trivandrum	4.90	8.52	14.29	14.40	14.75	5.30	8.56	14.18	14.50	14.93
2.	Quilon	4.84	9.13	14.98	15.45	16.00	5.00	9.11	14.92	15.45	16.60
3.	Alleppey	5.25	8.90	14.93	15.03	15.38	5.60	8.89	14.93	15.16	15.38
4.	Kottayam	5.15	9.02	14.64	14.71	14.93	5.65	8.89	14.75	14.78	15.04
5.	Idukki	..	..	..	15.11	15.50	..	..	..	15.11	15.75
6.	Ernakulam	5.64	8.84	14.47	15.00	15.25	5.85	8.97	14.49	15.00	15.25
7.	Trichur	6.30	8.68	13.85	15.33	16.43	7.75	9.24	13.80	15.33	16.40
8.	Palghat	6.20	7.04	12.79	12.92	13.75	4.79	7.18	12.73	12.75	13.25
9.	Malappuram	..	..	14.80	15.39	16.18	..	..	14.90	15.52	16.48
10.	Kozhikode	5.44	8.73	15.00	16.70	17.55	5.34	8.94	15.00	16.66	17.60
11.	Cannanore	6.15	8.80	15.25	17.00	17.00	5.40	8.81	15.25	16.88	16.38
	State	5.54	8.63	14.50	15.19	15.70	5.41	8.73	14.50	15.15	15.68

Source: Bureau of Economics & Statistics.

4.9.(b) Average daily wage rates of unskilled labour in the construction sector (urban)

(in Rupees)

Sl. No.	District	Male					Female				
		1965-66	1970-71	1976-77	1977-78	1978-79	1965-66	1970-71	1976-77	1977-78	1978-79
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1.	Trivandrum ..	3.10	5.18	8.79	8.82	9.15	1.75	4.10	7.27	7.76	8.19
2.	Quilon ..	2.43	5.25	8.86	9.28	9.04	2.00	4.00	7.18	7.90	8.00
3.	Alleppey ..	3.15	5.61	9.96	10.14	10.78	2.85	4.38	7.75	7.94	8.35
4.	Kottayam ..	3.30	5.64	9.90	9.93	10.04	3.10	4.00	7.85	7.90	7.95
5.	Idukki ..	..	..	..	10.00	10.42	..	..	..	8.00	8.25
6.	Ernakulam ..	3.06	6.80	10.00	11.85	12.03	2.52	4.60	7.50	8.18	8.88
7.	Trichur ..	3.50	5.97	9.07	10.22	10.63	2.48	3.69	7.32	7.37	7.71
8.	Palghat ..	2.51	4.05	7.56	7.83	7.89	1.45	2.66	5.37	5.60	5.84
9.	Malappuram ..	..	..	9.55	9.75	10.33	..	..	7.06	7.56	8.10
10.	Kozhikode ..	3.97	6.30	11.28	11.65	12.20	2.70	3.99	7.93	7.95	8.15
11.	Cannanore ..	4.80	6.61	11.56	11.60	11.63	2.82	3.88	6.25	7.53	7.55
	State ..	3.31	5.71	9.65	10.00	10.42	2.41	3.92	7.15	7.61	7.91

Source: Bureau of Economics and Statistics.

4.10 (a) Average monthly wage rates of shop assistants in the trade and commerce sector-whole sale (urban)

(in Rupees)

Sl. No.	District	1976-77			1977-78			1978-79		
		A	B	C	A	B	C	A	B	C
1.	Trivandrum ..	270	278	319	272	358	329	276	378	333
2.	Quilon ..	243	251	245	255	298	260	270	325	268
3.	Alleppey ..	231	472	219	250	522	246	267	581	271
4.	Kottayam ..	409	408	317	417	413	319	422	419	329
5.	Idukki ..	296	300	296	329	310	309	340	322	333
6.	Ernakulam ..	251	391	284	287	404	292	292	404	296
7.	Trichur ..	278	364	286	307	367	304	310	405	314
8.	Palghat ..	190	238	213	233	242	..	258	273	217
9.	Malappuram ..	363	279	..	..	..	..	..	..	..
10.	Kozhikode ..	263	360	319	269	377	..	277	386	..
11.	Cannanore ..	288	306	328	289	362	328	303	370	349
	Kerala ..	280	332	283	291	365	289	302	386	301

A - Wholesale Trade in food grains and provision

B - Textiles

C - Metal and Metal Products

Source: B. E. & S.

4.10 (b) Average monthly wage rates of shop attenders in the trade and commerce sector - Whole sale (urban)

(in Rupees)

Sl. No.	District	1976-77			1977-78			1978-79		
		A	B	C	A	B	C	A	B	C
1.	Trivandrum ..	198	221	199	199	242	202	226	261	211
2.	Quilon ..	185	179	166	187	250	182	203	263	187
3.	Alleppey ..	167	248	186	180	300	191	194	307	201
4.	Kottayam ..	261	234	217	267	258	232	283	274	233
5.	Idukki ..	179	237	201	206	240	204	210	248	208
6.	Ernakulam ..	213	263	188	242	265	216	256	266	218
7.	Trichur ..	232	234	239	233	289	243	240	307	247
8.	Palghat ..	163	200	173	170	200	196	208	229	197
9.	Malappuram ..	232	221	..	..	..	..	..	..	190
10.	Kozhikode ..	199	272	208	207	318	211	224	341	218
11.	Cannanore ..	206	255	223	226	256	238	231	259	251
	Kerala ..	203	235	200	212	262	212	228	276	215

A - Wholesale trade in food-grains and provisions.

B - Textiles

C - Metal and metal Products.

Source: Bureau of Economics & Statistics.

4.11 (a) Average daily wage rates of carpenter (Agriculture-Sector)

(in Rupees)

Sl. No.	District	Carpenter				
		1960-61	1970-71	1976-77	1977-78	1978-79
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Trivandrum	2.29	7.00	11.96	12.00	12.58
2.	Quilon	3.16	7.56	14.21	14.92	15.13
3.	Alleppey	2.66	8.00	14.00	14.79	15.08
4.	Kottayam	3.27	7.63	14.54	14.75	14.79
5.	Ernakulam	..	8.25	13.53	14.13	14.21
6.	Trichur	3.32	8.37	14.00	15.00	15.00
7.	Palghat	2.48	6.02	10.75	12.00	12.00
8.	Malappuram	..	..	12.50	14.46	15.04
9.	Kozhikode	3.26	7.45	12.31	12.75	14.75
10.	Cannanore	3.54	7.36	14.08	14.63	15.52
	Kerala	3.00	7.52	13.19	13.94	14.40

Source: B. E. & S

4.11 (b) Average daily wage rates of mason (Agriculture-sector)

(in Rupees)

Sl. No.	District	Mason				
		1960-61	1970-71	1976-77	1977-78	1978-79
(1)	(2)	(3)	(4)	(5)	(6)	
1.	Trivandrum	3.26	7.00	12.00	12.00	12.67
2.	Quilon	3.28	8.00	14.25	14.92	15.13
3.	Alleppey	3.50	8.00	14.00	14.79	15.08
4.	Kottayam	3.27	7.67	14.54	14.75	14.78
5.	Ernakulam	..	8.27	13.60	14.09	14.21
6.	Trichur	3.03	7.90	14.88	15.00	15.00
7.	Palghat	2.43	6.02	11.50	12.00	12.00
8.	Malappuram	..	..	12.94	14.46	15.04
9.	Kozhikode	3.26	7.01	14.19	14.38	14.50
10.	Cannanore	3.55	7.46	14.33	14.63	15.50
	Kerala	3.20	7.48	13.62	14.10	14.39

Source: B. E. & S

4.11 (c) Average daily wage rates of Paddy field labour

(in Rupees)

Sl. No.	District	Male				
		1960-61	1970-71	1976-77	1977-78	1978-79
(1)	(2)	(3)	(4)	(5)	(6)	
1.	Trivandrum	1.59	4.75	7.96	8.00	8.00
2.	Quilon	1.80	4.47	7.73	8.00	8.46
3.	Alleppey	1.78	5.43	7.90	8.00	8.05
4.	Kottayam	1.71	5.04	7.38	7.25	7.25
5.	Ernakulam	..	5.83	9.69	9.75	9.79
6.	Trichur	1.97	5.62	8.50	8.50	8.88
7.	Palghat	1.45	4.05	6.18	6.35	6.75
8.	Malappuram	..	..	8.63	9.75	10.00
9.	Kozhikode	2.05	4.39	9.06	9.00	9.71
10.	Cannanore	2.48	6.23	11.38	12.13	12.96
	Kerala	1.85	5.09	8.44	8.67	8.99

Source: B. E. & S

4.11 (d) Average daily wage rates of Paddy field Labour

(in Rupees)

Sl. No.	District	Female		
		1976-77	1977-78	1978-79
(1)		(2)	(3)	(4)
1.	Trivandrum	6.92	6.58	6.58
2.	Quilon	5.83	6.42	6.50
3.	Alleppey	5.67	6.30	6.38
4.	Kottayam	5.19	5.25	5.25
5.	Ernakulam	6.31	6.25	6.25
6.	Trichur	5.38	5.38	5.80
7.	Palghat	5.09	5.35	5.75
8.	Malappuram	6.19	6.65	6.81
9.	Kozhikode	7.00	6.88	7.21
10.	Cannanore	5.33	5.52	6.04
	Kerala	5.89	6.06	6.26

Source: B. E. & S

V HOUSING

5.1.1 Distribution of Census Households according to Tenure (Percentage) 1961 Census

Sl.No.	Name of District	Total		Rural		Urban	
		Owned	Rented	Owned	Rented	Owned	Rented
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Trivandrum	90.3	9.7	96.2	3.8	71.8	28.2
2.	Quilon	93.3	6.7	94.9	5.1	70.3	29.7
3.	Alleppey	95.6	4.4	97.8	2.2	84.5	15.5
4.	Kottayam	79.9	20.1	80.3	19.7	75.6	24.4
5.	Ernakulam	89.2	10.8	94.4	5.6	67.5	32.5
6.	Trichur	87.4	12.6	89.8	10.2	68.0	32.0
7.	Palghat	88.5	11.5	90.2	9.8	70.3	29.7
8.	Malappuram	..	..	..	..	..	..
9.	Kozhikode	85.9	14.1	88.8	11.2	68.5	31.5
10.	Cannanore	81.5	18.5	83.7	16.3	68.8	31.2

Source: Census Reports.

5.1.2 Distribution of Census Houses according to Tenure (Percentage) 1971 Census

Sl.No.	Name of District	Total		Rural		Urban	
		Owned	Rented	Owned	Rented	Owned	Rented
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Trivandrum	88.9	11.1	94.6	5.4	71.0	29.0
2.	Quilon	92.7	7.3	94.5	5.5	69.5	30.5
3.	Alleppey	96.1	3.9	98.0	2.0	86.3	13.7
4.	Kottayam	80.5	19.5	81.4	18.6	70.8	29.2
5.	Ernakulam	88.2	11.8	94.3	5.7	70.6	29.4
6.	Trichur	90.8	9.2	92.6	7.4	76.7	23.3
7.	Palghat	89.9	10.1	92.9	7.1	68.3	31.7
8.	Malappuram	91.6	8.4	92.2	7.8	81.8	18.2
9.	Kozhikode	85.9	14.1	89.9	10.1	72.9	27.1
10.	Cannanore	88.5	11.5	90.7	9.3	74.0	26.0

Source: Census Reports.

5.2.1 Distribution of 1000 census houses by predominant material of wall (urban) 1961

Sl. No.	District	Grass leaves reeds or bamboo	Timber	Mud	Unburnt bricks	Burnt bricks	G.I.sheets or other metal sheets	Stone	Cement concrete	All other materials
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Trivandrum	53	14	89	613	208	0	23	N	0
2.	Quilon	177	85	5	253	1	0	477	0	2
3.	Alleppey	386	161	48	21	33	N	351	0	N
4.	Kottayam	157	132	134	5	18	0	553	1	0
5.	Ernakulam	185	99	14	N	33	N	669	0	N
6.	Trichur	51	2	342	0	15	0	590	N	0
7.	Palghat	37	N	552	0	104	0	307	0	0
8.	Kozhikode	164	20	39	89	N	0	687	N	1
9.	Cannanore	35	3	126	302	65	0	468	1	N
	Kerala	144	56	120	177	64	N	439	N	N

N—Negligible

Source: Census Reports.

5.2.2 Distribution of 1000 Census houses by predominant material of wall (urban) 1971

Sl.No.	District	Grass leaves reeds or bamboo	Mud	Unburnt bricks	Wood	Burnt brick	G.I.sheets or other metal sheets	Stone	Cement concrete	All other materials and materials not stated
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Trivandrum	53	46	421	21	399	1	55	N	4
2.	Quilon	131	41	117	99	98	1	506	N	7
3.	Alleppey	284	27	10	117	114	N	441	1	6
4.	Kottayam	83	69	33	155	39	3	601	7	10
5.	Ernakulam	102	9	14	71	262	1	534	1	6
6.	Trichur	46	158	39	9	43	0	703	N	2
7.	Palghat	9	346	29	5	443	N	162	N	6
8.	Malappuram	64	191	69	5	1	N	668	N	2
9.	Kozhikode	101	15	71	47	1	N	760	1	4
10.	Cannanore	51	83	179	10	1	N	674	1	1
	Kerala	99	71	117	54	168	1	484	1	5

N—Negligible

Source: Census Reports.

5.3.1 Distribution of 1000 Census Houses by predominant material of Roof (urban) 1961

Sl.No.	District	Grass leaves reeds thatch wood or bamboo	Tiles slate shingle	Corrugated iron zinc or other metal sheets	Asbestos cement sheets	Brick and lime	Concrete and stone	All other materials
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	Trivandrum	745	240	2	N	0	13	0
2.	Quilon	608	382	N	1	0	9	0
3.	Alleppey	772	277	N	N	0	1	0
4.	Kottayam	614	382	N	2	0	2	0
5.	Ernakulam	486	505	1	1	0	7	0
6.	Trichur	433	564	N	1	N	2	0
7.	Palghat	335	663	0	N	0	2	0
8.	Kozhikode	508	492	N	N	0	N	0
9.	Cannanore	422	577	N	N	0	1	0
	Kerala	567	427	1	N	N	5	0

N—Negligible

Source: Census Reports.

5.3.2 Distribution of 1000 Census houses by predominant material of roof (urban) 1971

Sl. No.	District	Grass, leaves reeds, thatch wood mud un- burnt bricks or bamboo	Tile slate shingle	Corrugated iron, zinc or other metal sheets	Asbestos cement sheets	Brick & lime	Stone	Concrete R.C.C.	All other materials not stated
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	Trivandrum	524	370	9	6	0	N	90	1
2.	Quilon	400	534	5	6	0	0	55	N
3.	Alleppey	528	433	4	10	0	N	25	N
4.	Kottayam	347	571	27	21	0	N	34	N
5.	Ernakulam	246	656	6	13	0	N	79	N
6.	Trichur	243	702	1	5	0	0	49	0
7.	Palghat	180	790	2	4	N	0	24	0
9.	Malappuram	374	608	0	4	0	0	13	1
9.	Kozhikode	341	631	2	6	1	N	18	1
10.	Cannanore	219	745	2	7	0	N	27	N
	Kerala	351	586	6	9	N	N	48	N

N. Negligible

Source: Census Reports

5.4. Number of Plans sanctioned and area under different types of buildings (Private Sector - Municipalities)

Type of Buildings	(a) NEW CONSTRUCTIONS									(b) ALTERATION AND ADDITIONS								
	1976			1977			1978			1976			1977			1978		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Family Quarters	4536	328174	264078	4726	365955	297214	7495	566952	462808	1445	67934	54572	1457	64887	52733	1902	102255	83425
Non Family Quarters	86	16275	13263	106	27546	22508	138	56189	45134	40	3301	2664	36	3949	3196	33	4365	3562
Industrial Buildings	266	31358	25661	190	16859	13646	187	35606	29107	56	3885	3182	46	3929	3218	33	2374	1937
Commercial Buildings	545	48527	39630	462	56783	46620	532	82574	67589	193	16862	13773	158	11437	9391	181	20131	16399
Institutional Buildings	124	30217	25032	125	26964	21962	166	43651	35789	43	6854	5738	66	14118	11693	63	14416	11840
Other Buildings	49	8617	7199	49	12596	10287	90	17624	14441	15	1594	1300	18	2185	1805	11	2289	1889
Total	5606	463168	374863	5658	506703	412237	8608	802596	654868	1792	100430	81229	1781	100505	82036	2223	145830	119052

Source: Director of Municipalities

A. Number of plan sanctioned

B. Plinth area in Sq. m.

C. Floor area in Sq. m.

5.5. Statement showing Tax Revenue collection by Municipalities of Kerala during 1977-78 and 1978-79

Sl. No.	Name of Municipality	Property Tax		Profession Tax		Advertisement Tax		Entertainment Tax		Show Tax		Tax on Animals and vessels	
		1977-78	1978-79	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79	1977-78	1978-79
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1.	Neyyattinkara	249641	181157	53031	54032	5479	5024	117638	144105	4562	4540	2709	3002
2.	Nedumangad	212839	68855	58428	27849	4392	4392	109110	61122	4437	4960	1386	1438
3.	Attungal	1396324	235846	546378	64147	6519	10348	1226196	201645	15945	5732	4193	2412
4.	Quilon	224933	133425	37417	835975	48596	52174	135436	1678221	6681	22784	4975	4975
5.	Punahur		464253		56059	5690	6749		155880		6629	1190	1240
6.	Pathanamthitta		84510		28814				131157		4651		832
7.	Alleppey	1315286	1166459	289710	286999	22400	23022	646264	750440	13027	10355	26871	18928
8.	Sherattalai	221301	279583	73612	69325	1384	2531	117678	157365	4381	4548	4731	4978
9.	Kayamkulam	328083	313970	107045	188469	7802	11227	94938	106737	8774	8778	4794	5043
10.	Mavelikara	266783	304987	35221	67469	4982	5227	102058	93206	4723	4850	6151	6905
11.	Chengannur	187005	161983		80430	2118			84534		6032		2556
12.	Thiruvalla	1306197	339246	31725	49403	2410	2497	46155	138601	1791	3911	2889	2151
13.	Kottayam	616930	165753	293462	492832	36997		959532	1108894	14737	14396	3500	196
14.	Chan ganacherry	129325	686550	133213	138029	18893	24065	470513	542454	9890	10404	6754	6367
15.	Vaikom	253701	142320	57908	42128	3571	3571	35497	123047	4122	5623	2370	2772
16.	Palai		270811	75835	81859	7816	13179	202518	392248	4840	9900	1994	2484
17.	Thodupuzha		26609		51041				277009		5109		1419
18.	Alwaye	552868	555740	107711	269241	7171	6454	325903	392939	6675	7691	2428	3016
19.	Perumbavoor	285318	509206	86287	116071	7885	6099	245700	313169	6745	5146	2829	3252
20.	Parur	271450	330192	79860	86925	5192	161398	182787	542454	4693	4960	5462	5684
21.	Moovattupuzha	276742	310320	77014	30801	12246	14837	230778	266221	6504	6645	1220	1620
22.	Kothamangalam		122387		63385		6751		217039		6338		1626
23.	Angamaly		122787		45252		4923		85869		6489		3359
24.	Tripunithura		180012		35856		2651		188549		7287		4805
25.	Trichur	1822296	2193681	374931	319886	29118	36690	1340399	1616775	13308	14630	12069	17471
26.	Kunnamkulam	405522	433685	67395	65241	8240	13009	202599	304113	6741	7215	455	377
27.	Irinjalakuda	249202	357660	84514	84915	5507	6504	153582	222605	4292	4845	2995	3455
28.	Chalaky	249152	327449	59323	79935	7170	5086	138059	263799	8159	9336	4438	3624
29.	Kodungallur	50364	237714	19185	52916	2264	7421	193863	261182	4975	6756	1944	2481
30.	Chavakkad		118502		33873		2398		83846		2662		934
31.	Guruvayur Township	247399	389115	33869	60058	6562	8089	164593	218464	4600	4848	1231	3695
32.	Badagara	209838	484958	49585	91463	6444	9070	294137	398071	4757	5359	87	236
33.	Palghat	657802	715910	157424	93585	18566	22152	1015305	1339602	19859	22191	3743	1254
34.	Chittur-Thattamangalam	275580	297173	40042	50477	2058	1631	69447	75846	4566	4211	4003	4064
35.	Shoranur		107558		58749		374		56633		5125		183
36.	Malappuram	253840	301703	21558	61389	2800	2290	47850	73105	4115	4044	269	60
37.	Manjeri		236875		56147		4213		141071		3680		1614
38.	Tirur	234620	237147	68225	52069	10300	859	247943	291115	7210	7761	748	836
39.	Ponnani	40780	66263	27669	31845	839	3336	17569	27802	1270	2164	4107	4152
40.	Cannanore	1206264	747122	196150	206291	14925	17832	678546	811846	12887	16671	4068	3907
41.	Tellicherry	933751	726662	166543	180371	5141	4729	630087	975322	9668	14240	6047	4989
42.	Kasaragod	564794	713209	42108	93583	3161	22153	175292	219785	4334	32191	1423	1255
	Total	15595930	18540456	3350428	4935190	323846	380993	10596573	13156218	234286	345197	129098	145689

Source: Director of Municipalities.

5.6. Statement showing the Income received from Markets, Slaughter Houses, Bus stands, Cart stands and Cattle pounds of the Municipalities of Kerala for 1977-78 and '78-79

Sl. No.	Name of Municipality	Markets			Slaughter Houses			Bus Stands			Cart Stands			Cattle pounds				
		1977-78	1978-79	(4)	1977-78	1978-79	(6)	1977-78	1978-79	(7)	1977-78	1978-79	(9)	1977-78	1978-79	(10)	(11)	(12)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)							
1.	Neyyattinkara	127435	148775	6326	610	..	..	..	..	..	..	..	..	..	..	14	2	29
2.	Nedumangad	..	66875	13910	14514	7186	7450	..	..	..	..	..	..	..	..	..	..	..
3.	Attingal	42119	40017	17140	24750	20037	21601	9084	12650	1458	2377	..	..	..	..	1458	209	2377
4.	Quilon	111648	146170	8002	7006	14211	119282	..	..	176	209	..	..	..	..	176	..	209
5.	Punatur	86948	97155	..	151	..	38577	..	..	..	..	..	..	..	..	..	..	..
6.	Pathanamthitta	..	56170	9275	9390	..	..	907	148	1648	1185	..	..	..	..	1648	..	1185
7.	Alleppey	49120	16150	5209	6407	3050	3259	8152	8049	181	20	..	..	..	..	181	..	20
8.	Shertallai	35011	54830	10001	15251	9051	12237	3813	390	..	..	..	..	..	..	..	..	..
9.	Kayamkulam	12084	11427	3110	3125	7257	7581	..	..	..	..	..	..	..	..	..	..	..
10.	Mavelikara	..	23905	1755	2000	9123	7005	..	..	..	..	..	..	..	..	..	..	..
11.	Chengannur	43253	70255	14100	12000	125286	132359	650	750	1445	1719	..	..	..	..	1445	..	1719
12.	Thiruvalla	279582	185903	14100	12000	125286	132359	650	750	1445	1719	..	..	..	..	1445	..	1719
13.	Kottayam	77826	86630	14200	14400	43300	46250	34000	42010	83	1123	..	..	..	..	83	..	1123
14.	Changanacherry	5360	5501	5911	1000	10989	14867	3525	3646	127	50	..	..	..	..	127	..	50
15.	Vaikom	5326	4070	12695	11235	34476	26966	8212	5662	137	306	..	..	..	..	137	..	306
16.	Palai	..	26030	17117	18502	15323	28005	1251	1622	76	68	..	..	..	..	76	..	68
17.	Thodupuzha	108398	89187	13075	18050	25470	30769	2925	2255	609	750	..	..	..	..	609	..	750
18.	Alwaye	96485	94725	605	770	8025	12310	..	..	..	..	..	..	..	..	..	..	..
19.	Perumbavoor	57210	59515	28005	40030	22470	24515	7715	6535	108	279	..	..	..	..	108	..	279
20.	Parur	34195	33210	..	..	..	42277	..	..	..	1014	..	..	..	..	..	..	1014
21.	Muvattupuzha	..	9542	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22.	Kothamangalam	..	23090	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23.	Angamaly	..	9542	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24.	Tripunithura	..	23090	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
25.	Trichur	172151	197671	35005	3190	77187	82000	26231	3988	..	..	..	..	..	..	..	..	..
26.	Kunnamkulam	83065	86814	6481	35990	57500	80504	1205	32320	..	..	..	..	..	..	..	..	..
27.	Irinjalakuda	26272	33143	1729	5557	26371	30477	..	..	13	9	..	..	..	..	13	..	9
28.	Chalakudy	65101	90317	3875	3002	8036	10103	..	..	329	143	..	..	..	..	329	..	143
29.	Kodungallur	600	525	..	4831	17003	20001	..	..	..	..	..	..	..	..	..	..	..
30.	Chavakkad	..	6024	..	425	..	..	..	..	..	..	..	..	..	..	..	..	..
31.	Guruvayur Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
32.	Badagara	15320	14950	6306	6277	37025	39000	..	..	..	..	..	..	..	..	..	..	..
33.	Palghat	25534	23969	10000	8920	169523	53463	10348	1895	1057	3091	..	..	..	..	1057	..	3091
34.	Chittur-Thattamangalam	8172	8201	10285	..	11106	18651	1960	1760	205	196	..	..	..	..	205	..	196
35.	Shornur	..	134319	..	..	..	23850	..	..	..	..	..	..	..	..	..	..	..
36.	Malappuram	4340	5905	..	..	17004	13400	1855	600	992	677	..	..	..	..	992	..	677
37.	Manjeri	..	52724	..	..	..	71316	..	..	..	..	..	..	..	..	..	..	..
38.	Tirur	30797	26235	3006	4100	21582	24425	..	..	..	..	..	..	..	..	..	..	..
39.	Ponnani	2174	5058	2032	4535	16475	19800	710	1075	..	..	..	..	..	..	..	..	..
40.	Cannanore	163702	131326	5458	5951	28742	167375	4432	3187	..	..	..	..	..	..	..	..	..
41.	Tellicherry	249440	216130	5500	17005	64510	70900	29900	1895	722	163	..	..	..	..	722	..	163
42.	Kasaragod	4905	24264	2609	8921	14304	187128	..	..	550	3091	..	..	..	..	550	..	3091
	Total	2037683	2486544	262637	318180	1275458	1710810	155895	161846	10307	20879	..	..	..	..	10307	..	20879

Source: Director of Municipalities

5.7 Municipality-wise D. C. B. Statement for the year 1978-79 including loans, Grants and Debt heads

Sl.No.	Name of Municipality	Demand Rs.	Collection Rs.	Balance Rs.
(1)	(2)	(3)	(4)	(5)
* 1.	Neyyattinkara	1405503	912724	492779
2.	Nedumangad	778663	555980	158536
3.	Attingal	1365734	1162768	202341
4.	Quilon	18068587	13382265	4686301
5.	Punalur	2571126	1647646	923480
* 6.	Pathanamthitta	696458	667995	38447
* 7.	Alleppey	7997819	4629198	3368621
* 8.	Shertallai	1135934	981073	154861
9.	Kayamkulam	2649526	2057045	603740
10.	Mavelikara	1225610	1036229	188640
11.	Chengannur	906208	675735	230473
12.	Thiruvalla	1208049	1031769	174423
13.	Kottayam	12373348	10517455	1569939
14.	Changanacherry	4953342	4650549	264303
15.	Vaikom	903800	695331	207176
16.	Palai	2333846	2314921	18180
17.	Thodupuzha	1061342	918180	143163
18.	Alwaye	4340713	3674849	664887
* 19.	Perumbavoor	2131868	1960958	170909
20.	Parur	2323357	2235032	87542
21.	Moovattupuzha	1558184	1457832	100752
22.	Kothamangalam	1184354	1149238	34352
23.	Angamaly	517596	463999	53597
24.	Tripunithura	806477	723930	83548
* 25.	Trichur	22963104	18910689	4052416
26.	Kunnamkulam	4361757	3266250	1069961
27.	Irinjalakuda	2093646	1591867	101483
28.	Chalakydy	1792779	1649372	139108
29.	Kodungallur	2308390	2286560	20860
* 30.	Chavakkad	700403	640055	60348
31.	Guruvayur Township	2816156	2322595	493532
32.	Badagara	3261495	2749445	500587
33.	Palghat	6746758	6618922	127058
34.	Chittur-Thattamangalam	1241663	1065361	176125
35.	Shornur	670412	605977	64436
36.	Malappuram	3068742	2758548	308113
37.	Manjeri	1190322	1056928	128567
38.	Tirur	2634931	2263355	96336
39.	Ponnani	431110	413902	16946
40.	Cannanore	5093199	4112888	934387
41.	Tellicherry	4149883	3502446	649293
42.	Kasaragod	2486267	1780431	705493
Total		142508491	117498292	24256038

* Provisional figures.

Note:— The difference between demand and collection and balance accounts for the write off and remissions granted.

Source: Director of Municipality.

5.8. Expenditure incurred by Municipalities on Public Works for the years 77-78 and 78-79

(Rs. in Lakhs)

Sl.No.	Name of Municipality	1977-78	1978-79
(1)	(2)	(3)	(4)
1.	Neyyattinkara	1.61	0.81
2.	Nedumangad	..	1.29
3.	Attingal	1.39	0.51
4.	Quilon	18.70	28.70
5.	Punalur	5.02	6.40
6.	Pathanamthitta	..	1.53
7.	Alleppey	8.11	10.42
8.	Shertallai	3.05	2.17
9.	Kayamkulam	5.34	3.97
10.	Mavelikara	1.94	3.18
11.	Chengannur	..	0.65
12.	Thiruvalla	1.26	1.74
13.	Kottayam	34.37	32.18
14.	Changanacherry	11.01	9.75
15.	Vaikom	0.46	0.58
16.	Palai	10.51	12.43
17.	Thodupuzha	..	3.77
18.	Alwaye	2.06	2.25
19.	Perumbavoor	4.02	4.53
20.	Parur	2.57	4.20
21.	Moovattupuzha	7.93	2.80
22.	Kothamangalam	..	3.28
23.	Angamaly	..	0.84
24.	Tripunithura	..	1.23
25.	Trichur	43.48	39.68
26.	Kunnankulam	3.07	6.64
27.	Irinjalakuda	5.57	5.56
28.	Chalakydy	6.30	7.94
29.	Kodungallur	1.15	5.46
30.	Chavakkad	..	3.56
31.	Guruvayur Town ship	4.58	5.05
32.	Badagara	5.71	9.23
33.	Palghat	25.18	17.00
34.	Chittur-Thattamangalam	1.60	0.55
35.	Shornur	..	0.14
36.	Malappuram	1.30	6.49
37.	Manjery	..	0.38
38.	Tirur	4.34	9.57
39.	Ponnani	0.35	0.80
40.	Cannanore	21.04	24.77
41.	Tellicherry	10.08	20.31
42.	Kasaragod	2.30	4.66
	Total	266.61	307.00

Source: Director of Municipalities

5.9. Expenditure Incurred by each Council on Public Health during 1977-78 and 1978-79

(Rs. in Lakhs)

Sl.No.	Name of Municipality	1977-78	1978-79
(1)	(2)	(3)	(4)
1.	Neyyattinkara ..	2.25	2.39
2.	Nedumangad ..	..	0.23
3.	Attingal ..	2.33	2.86
4.	Quilon ..	16.70	17.71
5.	Punalur ..	1.90	2.06
6.	Pathanamthitta ..	..	0.31
7.	Alleppey ..	14.58	14.08
8.	Shertallai ..	2.56	2.26
9.	Kayamkulam ..	2.83	3.07
10.	Mavelikara ..	2.14	1.61
11.	Chengannur ..	..	0.62
12.	Thiruvalla ..	2.04	1.98
13.	Kottayam ..	11.64	13.66
14.	Changanacherry ..	4.29	4.65
15.	Vaikom ..	1.19	1.37
16.	Palai ..	1.48	2.65
17.	Thodupuzha ..	..	0.84
18.	Alwaye ..	3.98	4.16
19.	Perumbavoor ..	2.80	2.80
20.	Parur ..	1.99	2.16
21.	Moovattupuzha ..	3.00	2.42
22.	Kothamangalam ..	..	1.08
23.	Angamaly ..	..	1.10
24.	Tripunithura ..	..	1.18
25.	Trichur ..	18.73	18.82
26.	Kunnamkulam ..	2.64	2.82
27.	Irinjalakuda ..	3.26	3.26
28.	Chalakydy ..	1.31	1.52
29.	Kodungallur ..	0.33	1.31
30.	Chavakkad ..	..	0.16
31.	Guruvayur Township ..	2.35	2.35
32.	Badagara ..	3.11	3.41
33.	Palghat ..	15.59	19.37
34.	Chittur-Thattamangalam ..	3.27	3.53
35.	Shornur ..	..	1.03
36.	Malappuram ..	1.11	1.22
37.	Manjery ..	..	0.72
38.	Tirur ..	1.60	2.25
39.	Ponnani ..	0.46	0.89
40.	Cannanore ..	10.33	10.71
41.	Tellicherry ..	10.78	11.99
42.	Kasargod ..	2.46	2.70
	Total ..	158.03	175.31

5.10 Number of plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

NEYYATTINKARA

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	108	6705	5436	120	8052	6543	155	..	..	196	12413	10537
(b) Non-family quarters	..	..	..	..	..	..	4	..	..	2	180	150
2. Industrial Building	7	835	681	2	62	51	..	..	..	..	..	..
3. Commercial Building	18	812	660	12	816	670	2	..	..	1	19	14
4. Institutional Building	1	53	40	..	..	..	1	..	..	1	194	164
5. Other Building	..	..	..	..	..	..	21	..	..	25	1886	1603
Total	134	8405	6817	132	8930	7264	183	..	..	225	14692	12468
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family Quarters	11	518	415	22	937	767	30	..	..	20	536	456
(b) Non-family quarters	..	..	..	..	..	..	..	..	..	..	..	..
2. Industrial Building	2	70	57	..	..	..	..	..	..	..	..	..
3. Commercial Building	5	91	71	6	121	99	..	..	..	..	..	..
4. Institutional Building	..	..	..	1	178	144	..	..	..	..	..	..
5. Other Building	..	..	..	..	..	..	10	..	..	7	..	..
Total	18	679	543	29	1236	1010	40	..	..	27	536	456

A - Number of Plans sanctioned, B - Plinth area in Square Metre, C - Floor Area in square metre.

Source: Municipality

5.11 Number of plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

ATTINGAL

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	152	9284.39	6963.23	178	8658.46	6494.15	185	8990.27	6742.26	299	15110.97	11332.76
(b) Non-family quarters	..	..	..	..	..	..	..	..	..	1	207.58	158.20
2. Industrial Building	..	..	..	..	..	..	..	..	..	18	448.76	343.36
3. Commercial Building	16	356.73	267.47	21	344.35	258.22	12	1648.95	1236.82	18	448.76	343.36
4. Institutional Building	2	228.75	171.55	1	45.65	36.03	2	55.45	42.08	2	633.00	478.30
5. Other Building	112	432.55	324.36	206	656.43	340.22	237	786.33	588.76	120	372.48	279.36
Total	382	10302.42	7726.61	406	9704.89	7128.62	436	11481.0	8609.92	440	16772.79	12591.98
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family Quarters	14	493.71	367.81	28	762.71	571.91	19	500.15	373.05	18	542.73	414.20
(b) Non-family quarters	..	..	..	..	..	..	..	..	..	..	..	..
2. Industrial Building	..	..	..	..	..	..	..	..	..	..	..	..
3. Commercial Building	1	45.63	34.28	4	115.45	86.54	1	28.25	23.08	1	33.27	26.25
4. Institutional Building	..	..	..	..	..	..	..	..	..	1	28.25	22.64
5. Other Building	3	123.65	96.49	2	54.43	40.82	..	..	..	20	604.25	463.09
Total	18	667.99	498.58	34	932.59	699.27	20	528.40	396.13	20	604.25	463.09

A - Number of Plans sanctioned, B - Plinth area in square metre, C - Floor area in square metre

Source: Municipality

5.12 Number of plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

QUILON

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	175	15970	12942	241	24740	20211	335	26466	N.A	687	37180	N.A
(b) Non-family quarters	5	1511	1253	1	887	790	14	814	N.A	11	765	N.A
2. Industrial Building	6	1431	1155	..	..	..	11	2125	N.A	9	880	N.A
3. Commercial Building	7	965	778	1	38	32	20	1835	N.A	15	1202	N.A
4. Institutional Building	5	2228	1845	..	..	..	1	923	N.A	1	650	N.A
5. Other Building	1	375	300	1	334	281	18	825	N.A	5	148	N.A
Total:	199	22480	18273	244	25999	21314	399	32988	N.A	728	40825	N.A
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family Quarters	7	368	297	9	636	513	33	1678	N.A	47	2054	N.A
(b) Non-family quarters	..	..	..	..	..	..	4	178	N.A	2	139	N.A
2. Industrial Building	1	48	40	..	..	..	..	..	N.A	3	216	N.A
3. Commercial Building	..	..	..	..	..	..	..	..	N.A	..	..	..
4. Institutional Building	..	..	..	..	..	..	..	..	N.A	..	..	..
5. Other Building	..	..	..	..	..	..	..	..	N.A	..	..	..
Total:	8	416	337	9	636	513	37	1856	N.A	55	2537	..

A - Number of Plans sanctioned, B - Plinth area in square Metre, C - Floor Area in square metre.

Source: Municipality

5.13 Number of plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

PUNALUR

Type of building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	88	5743	4625	78	5958	4810	163	9399	7519	170	10936	9759
(b) Non-family Quarters	7	658	537	3	544	438	10	1204	964	10	3857	3085
2. Industrial Building	8	5400	4565	3	709	569	3	1011	808	4	6624	5360
3. Commercial Building	13	1634	1398	3	239	193	18	1658	1426	16	5329	4263
4. Institutional Building	3	121	97	1	88	70	3	806	647	3	909	765
5. Other Building	2	203	164	1	22	18	61	1155	924	34	2250	1821
Total	121	13759	11386	89	7560	6098	258	15233	12288	237	29905	25053
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings :</i>												
1. (a) Family Quarters	37	1112	886	31	1269	1017	52	1986	1589	65	4186	3349
(b) Non-family Quarters	1	42	34	1	55	44	..	..	..	..	..	..
2. Industrial Building	4	632	527	..	..	..	..	..	..	..	..	..
3. Commercial Building	1	39	31	..	..	..	1	13	10	..	..	..
4. Institutional Building	2	198	164	1	230	184	..	..	..	..	..	..
5. Other Building	1	58	46	1	103	83	8	116	93	15	1672	1385
Total	46	2081	1688	34	1657	1328	61	2115	1692	80	5858	4734

A - Number of Plans sanctioned B - Plinth area in square metre C - Floor area in square metre

Source: Municipality

5.14 Number of Plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

ALLEPPEY

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	289	16852	13539	471	26204	21312	623	28318	26071	1238	53818	49532
(b) Non-family Quarters	5	478	382	13	853	688	9	2603	2402	9	2736	2541
2. Industrial Building	25	2583	2124	23	1129	925	33	5716	5286	41	7296	6751
3. Commercial Building	56	3705	3051	48	3346	2742	159	9871	9181	243	14318	13397
4. Institutional Building	12	1135	937	12	2027	1643	11	737	683	11	1813	1687
5. Other Building	2	263	220	4	1252	1046	215	11818	10994	415	19274	18929
Total	389	25016	20253	571	34811	28356	1050	59063	54617	1957	99255	92837
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family Quarters	122	6454	5280	104	4275	3500	84	2011	1881	21	578	539
(b) Non-family Quarters	1	93	79	1	56	46	..	..	..	..	..	..
2. Industrial Building	3	346	282	2	162	131	3	418	388	..	..	..
3. Commercial Building	5	448	352	11	360	295	5	139	130	6	218	204
4. Institutional Building	..	..	..	2	93	76	..	..	..	..	..	..
5. Other Building	..	..	..	..	..	..	8	313	292	12	379	353
Total	131	7341	5993	120	4946	4048	100	2881	2691	39	1175	1096

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor Area in square metre

Source: Municipality

5.15 Number of Plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

SHERTALLAI

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings</i>												
1. (a) Family Quarters	196	8643	6993	151	6404	5243	385	16869	N.A	448	21361	N.A
(b) Non-family Quarters	1	16	13	4	229	182	..	..	N.A	..	..	N.A
2. Industrial Building	8	213	174	10	330	270	13	1125	N.A	10	1732	N.A
3. Commercial Building	10	573	472	11	1288	1057	13	526	N.A	24	1694	N.A
4. Institutional Building	2	36	30	..	..	..	6	652	N.A	4	1668	N.A
5. Other Building	..	..	..	5	106	87	256	1060	N.A	280	9860	N.A
Total:	217	9481	7682	181	8357	6839	673	20232	N.A	766	36315	N.A
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings</i>												
1. (a) Family Quarters	32	1052	872	19	609	504	35	731	N.A	83	1718	N.A
(b) Non-family Quarters	1	45	37	..	..	..	..	..	..	..	..	N.A
2. Industrial Building	2	112	93	1	74	60	..	..	N.A	1	138	N.A
3. Commercial Building	4	738	596	2	18	15	..	..	..	10	1421	N.A
4. Institutional Building	..	..	..	..	..	..	..	..	N.A	3	361	N.A
5. Other Building	..	..	..	..	..	..	..	..	N.A	8	286	N.A
Total	39	1947	1598	22	701	579	35	731	N.A	95	3924	N.A

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor Area in square metre

Source: Municipality

5.16 Number of Plans sanctioned and area under different types of Buildings-Private Sector (Municipality)

KAYAMKULAM

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	154	7780	6346	159	8432	6835	304	14113	12008	255	18208	15484
(b) Non-family quarters	2	66	54	3	73	89	1	1672	1425	1	113	97
2. Industrial Building	2	120	101	..	..	..	1	94	82	1	17	14
3. Commercial Building	4	220	182	..	..	..	29	3975	3455	11	1118	958
4. Institutional Building	..	..	..	..	..	..	9	972	832	5	2748	2345
5. Other Building	..	..	..	..	..	..	40	1182	1012	21	2864	2441
Total	162	8186	6683	162	8505	6924	384	22008	18814	297	25068	21339
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family Quarters	18	771	626	13	426	343	34	1810	1545	30	1845	1574
(b) Non-family Quarters	..	..	..	..	..	..	..	..	..	..	..	..
2. Industrial Building	..	..	..	..	..	..	..	..	..	2	342	295
3. Commercial Building	..	..	..	..	..	..	5	292	257	6	478	413
4. Institutional Building	..	..	..	..	..	..	1	16	14	2	353	302
5. Other Building	..	..	..	..	..	..	5	208	179	1	94	82
Total	18	771	626	13	426	343	45	2326	1995	41	3112	2666

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor area in square metre.

Source: Municipality.

5.17 Number of Plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

MAVELIKARA

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	73	5620	4178	82	7211	6154	132	8196	6616	163	14984	12869
(b) Non-family Quarters	..	..	..	1	50	48	..	..	..	..	..	..
2. Industrial Building	..	..	..	1	92	85	..	..	..	3	825	683
3. Commercial Building	..	..	..	6	513	469	6	1039	774	19	1641	1347
4. Institutional Building	3	528	419	5	268	225	3	985	708	12	2493	2275
5. Other Building	3	40	36	2	39	32	12	412	316	5	274	257
Total	79	6188	4633	97	8173	7013	153	10632	8414	202	20217	17431
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family Quarters	39	987	763	45	1050	888	66	2871	2523	67	3430	2871
(b) Non-family quarters	5	152	126	6	194	180	16	326	339	17	554	501
2. Industrial Building	..	..	..	..	..	..	..	..	..	1	23	20
3. Commercial Building	1	20	16	2	45	30	2	89	82	1	12	13
4. Institutional Building	..	..	..	..	..	..	..	..	..	2	30	27
5. Other Building	..	..	..	..	..	..	..	..	..	1	46	42
Well, Bathroom & Latrine etc.	*48	..	..	53	..	..	70	..	..	68	..	..
Compound wall	32	976	..	47	1296	..	38	1073	..	36	1134	..
Total	125	2135	905	153	2585	1098	192	4359	2944	193	5229	3474

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor area in square metre

*Area not specified

Source: Municipality

5.18 Number of plans sanctioned and area under different types of Buildings— Private Sector (Municipality)

THIRUVALLA

Type of building	1976			1977		
	A	B	C	A	B	C
(a) NEW CONSTRUCTION						
<i>Dwellings:</i>						
1. (a) Family Quarters	122	8110	6474	117	8405	6818
(b) Non-family quarters	5	823	645	2	162	130
2. Industrial Building	14	1375	1109	9	503	404
3. Commercial Building	17	2041	1639	15	1953	1582
4. Institutional Building	12	2328	1895	13	2199	1783
5. Other Building	1	20	15	1	519	420
Total	171	14697	11777	157	13741	11137
(b) ALTERATIONS AND ADDITIONS						
<i>Dwellings:</i>						
1. (a) Family Quarters	87	2801	2210	94	3181	2376
(b) Non-Family Quarters	1	15	12	..	..	..
2. Industrial Building	2	52	40	2	73	59
3. Commercial Building	9	485	388	17	1147	949
4. Institutional Building	5	1013	844	10	1303	1076
5. Other Building	..	..	..	1	49	40
Total	104	4366	3494	124	5753	4500

A—No. of Plans sanctioned, B—Plinth area in Square Metre, C—Floor Area in square metre.

Source: Municipality

5.19 Number of plans sanctioned and area under different types of Buildings—Private sector (Municipality)

KOTTAYAM

Type of Building	1976			1977		
	A	B	C	A	B	C
(a) NEW CONSTRUCTION						
<i>Dwellings:</i>						
1 (a) Family Quarters	246	18431	15015	202	19381	15799
(b) Non-Family quarters	1	382	320	6	3632	2994
2. Industrial Building	9	668	535	9	1056	849
3. Commercial Building	36	6837	5813	31	7023	5684
4. Institutional Building	10	4727	3902	6	2085	1650
5. Other Building	8	1788	1553	2	2044	1635
Total	310	32833	27218	256	35221	28611
(b) ALTERATIONS AND ADDITIONS						
<i>Dwellings:</i>						
1. (a) Family Quarters	90	5713	4674	107	4113	3347
(b) Non-Family Quarters	2	203	161	3	679	542
2. Industrial Building	3	859	707	3	332	267
3. Commercial Building	20	2979	2480	10	1473	1203
4. Institutional Building	7	2343	2050	3	1057	887
5. Other Building	1	55	44	3	516	424
Total	132	12152	10116	129	8170	6670

A—No. of plans sanctioned, B—Plinth area in Square Metre, C—Floor Area in square metre.

Source: Municipality.

5.20 Number of plans sanctioned and area under different types of Buildings—Private Sector (Municipality)

CHANGANACHERRY

Type of building	1976			1977		
	A	B	C	A	B	C
(a) NEW CONSTRUCTION						
<i>Dwellings:</i>						
1. (a) Family Quarters	173	12545	10148	210	14521	11778
(b) Non-Family quarters	5	690	569	4	922	745
2. Industrial Building	13	1530	1303	13	793	642
3. Commercial Building	12	775	630	21	1488	1212
4. Institutional Building	5	677	552	5	542	446
5. Other Building	2	110	88	2	72	57
Total	210	16327	13290	255	18338	14880
(b) ALTERATIONS AND ADDITIONS						
<i>Dwellings:</i>						
1. (a) Family Quarters	61	2970	2389	78	2607	2129
(b) Non-Family Quarters	..	..	..	2	125	101
2. Industrial Building	2	42	31	1	43	34
3. Commercial Building	6	121	99	5	276	217
4. Institutional Building	1	18	16	3	4120	3464
5. Other Building	1	27	20	..	..	..
Total	71	3178	2555	89	7171	594

A—No. of Plans sanctioned, B—Plinth area in Square Metre, C—Floor Area in square metre.

Source: Municipality.

5.21 Number of plans sanctioned and area under different types of Buildings —Private sector (Municipality)

VAIKOM

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	100	4457	3532	121	6256	5039	118	8205.5	6748.5	145	9848.5	8104.5
(b) Non-Family Quarters	9	274	225	7	179	146	58	3680.4	2892.5	104	6248.5	4976.3
2. Industrial Building	10	354	273	14	1372	1111	..	..	..	..	..	..
3. Commercial Building	10	441	355	15	885	710	..	..	..	..	..	..
4. Institutional Building	2	847	677	5	529	430	3	30.6	244.5	..	..	..
5. Other Building	1	15	12	4	205	165	28	326.5	251.63	21	218.65	163.5
Total	132	6388	5074	166	9426	7601	207	12243	10237.13	270	16315.6	13244.3
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family Quarters	18	714	573	24	834	672	127	2565.5	2016.2	109	2248.6	1986.5
(b) Non-Family Quarters	1	68	54	..	..	..	..	..	..	..	..	..
2. Industrial Building	1	52	40	1	9	7	..	..	..	..	..	..
3. Commercial Building	2	60	48	2	347	282	..	..	..	..	..	..
4. Institutional Building	..	..	..	..	..	..	..	..	..	..	..	..
5. Other Building	..	..	..	..	..	..	..	..	..	..	..	..
Total	22	894	715	27	1190	961	127	2565.5	2016.2	109	2248.6	1986.5

A—No. of Plans sanctioned, B—Plinth area in Square Metre, C—Floor Area in square metre.

Source: Municipality.

5.22 Number of plans sanctioned and area under different types of Building—Private sector (Municipality)

PALA I

Type of Building	1976			1977		
	A	B	C	A	B	C
(a) NEW CONSTRUCTION						
<i>Dwellings:</i>						
1. (a) Family Quarters	73	4956	3985	59	4115	3329
(b) Non-Family quarters	1	18	15	2	179	151
2. Industrial Building	10	617	501	5	1261	1033
3. Commercial Building	23	1189	971	20	2411	1968
4. Institutional Building	1	280	210	2	1126	913
5. Other Building	..	..	..	..	..	..
Total	108	7060	5682	88	9092	7394
(b) ALTERATIONS AND ADDITIONS						
<i>Dwellings:</i>						
1. (a) Family Quarters	33	1929	1558	23	1056	862
(b) Non-Family quarters	1	24	19	1	44	36
2. Industrial Building	2	129	105	2	271	226
3. Commercial Building	9	1159	925	5	623	518
4. Institutional Building	..	..	..	3	525	429
5. Other Building	..	..	..	..	..	..
Total	45	3241	2607	34	2519	2071

A—No. of plans sanctioned, B—Plinth area in Square Metre, C—Floor Area in square metre.

Source: Municipality

5.23 Number of plans sanctioned and area under different types of Building—Private Sector (Municipality)

ALWAYE

Type of Building	1976			1977		
	A	B	C	A	B	C
(a) NEW CONSTRUCTION						
<i>Dwellings:</i>						
1. (a) Family Quarters	149	12742	10150	150	10742	8705
(b) Non-Family quarters	12	973	794	22	5845	4738
2. Industrial Building	11	916	748	1	56	46
3. Commercial Building	14	1712	1350	19	10341	8501
4. Institutional Building	4	606	500	6	1653	1373
5. Other Building	..	..	..	..	..	..
Total	190	16949	13542	198	28637	23363
(b) ALTERATIONS AND ADDITIONS						
<i>Dwellings:</i>						
1. (a) Family Quarters	24	1661	1344	41	1743	1419
(b) Non-Family quarters	4	130	105	3	170	137
2. Industrial Building	..	..	..	1	94	78
3. Commercial Building	9	2077	1809	2	217	178
4. Institutional Building	..	..	..	3	230	185
5. Other Building	..	..	..	..	..	..
Total	37	3868	3258	50	2454	1997

A—No. of Plans sanctioned, B—Plinth area in Square Metre, C—Floor Area in square metre.

Source: Municipality

5.24 No. of plans sanctioned and area under different types of Buildings—Private Sector (Municipality)

PERUMBAVOOR

Type of building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	74	5253	4171	80	5367	4363	..	..	..	..	..	140
(b) Non-family quarters	2	131	106	3	1230	971	145	..	..	..	..	..
2. Industrial Building	17	5104	4095	5	552	443	20	..	..	..	..	15
3. Commercial Building	21	1329	1078	9	737	602	28	..	..	..	..	12
4. Institutional Building	2	415	326	3	802	654	2	..	..	..	..	1
5. Other Building	7	186	148	1	65	52	28	..	..	..	..	22
Total	123	12418	9924	101	8753	7085	223	..	..	..	..	190
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family Quarters	37	1817	1409	29	1609	1313	10	..	..	..	..	12
(b) Non-Family quarters	4	135	104	3	282	232	..	..	..	..	..	..
2. Industrial Building	1	28	24	4	771	634	..	..	..	..	..	..
3. Commercial Building	9	899	731	4	314	254	..	..	..	..	..	..
4. Institutional Building	1	47	40	..	..	..	..	..	..	..	..	..
5. Other Building	..	..	..	1	56	45	..	..	..	..	..	..
Total	52	2926	2308	41	3032	2478	10	..	..	..	..	12

A—No. of plans sanctioned, B—Plinth area in Square Metre, C—Floor Area in square metre.

Source: Municipality

5.25 Number of plans sanctioned and area under different types of Building—Private Sector (Municipality)

PARUR

Type of building	1976			1977		
	A	B	C	A	B	C
(a) NEW CONSTRUCTION						
<i>Dwellings:</i>						
1. (a) Family Quarters	162	9121	7314	200	11132	9015
(b) Non-Family quarters	..	..	..	..	..	..
2. Industrial Building	18	891	704	11	365	293
3. Commercial Building	20	1209	971	21	825	670
4. Institutional Building	8	766	603	6	639	536
5. Other Building	3	1656	1380	1	151	121
Total	211	13643	10972	239	13112	10635
(b) ALTERATIONS AND ADDITIONS						
<i>Dwellings:</i>						
1. (a) Family Quarters	69	3107	2501	77	3380	2751
(b) Non-Family Quarters	1	90	73	1	51	41
2. Industrial Building	6	240	194	2	71	59
3. Commercial Building	10	526	424	9	476	396
4. Institutional Building	3	471	356	5	443	367
5. Other Building	1	10	8	1	23	18
Total	90	4444	3556	95	4444	3632

A—No. of plans sanctioned, B—Plinth area in Square Metre, C—Floor Area in square metre.

Source: Municipality.

5.26 Number of plans sanctioned and area under different types of Buildings—Private Sector (Municipality)

MUVATTUPUZHA

Type of Building	1976			1977		
	A	B	C	A	B	C
(a) NEW CONSTRUCTION						
<i>Dwellings:</i>						
1. (a) Family Quarters	76	4972	4029	73	5100	4132
(b) Non-Family quarters	3	98	77	3	795	656
2. Industrial Building	5	396	322	5	296	240
3. Commercial Building	11	1104	911	9	750	605
4. Institutional Building	5	1198	995	4	783	594
5. Other Building	3	691	553	..	..	..
Total	103	8459	6887	94	7724	6227
(b) ALTERATIONS AND ADDITIONS						
<i>Dwellings:</i>						
1. (a) Family Quarters	40	1840	1379	34	1299	1053
(b) Non-Family quarters	2	40	32	2	201	165
2. Industrial Building	4	239	198	3	201	165
3. Commercial Building	8	503	410	2	113	92
4. Institutional Building	2	336	279	5	880	740
5. Other Building	1	40	32	..	..	..
Total	57	2998	2330	46	2694	2220

A—No. of plans sanctioned, B—Plinth area in Square Metre, C—Floor Area in square metre.

Source: Municipality

5.27 Number of plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

TRICHUR

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	238	21023	16784	254	26612	21612	284	24032	..	598	46096	..
(b) Non-family Quarters	2	87	70	..	..	..	2	33	..	30	1999	..
2. Industrial Building	2	125	108	4	645	516	..	..	..	2	100	..
3. Commercial Building	16	1537	1244	19	4296	3530	14	1962	..	44	6552	..
4. Institutional Building	5	1210	1003	9	3175	2574	16	3871	..	14	3746	..
5. Other Building	3	1715	1453	3	473	392	29	1238	..	26	2844	..
Total	266	25697	20662	289	35201	28624	345	31136	..	714	61337	..
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family Quarters	137	5968	4766	112	5064	4118	60	2617	..	142	7951	..
(b) Non-family quarters	2	300	248	..	..	..	1	89	..	..	..	..
2. Industrial Building	..	..	..	..	..	..	..	..	..	..	..	..
3. Commercial Building	8	591	477	2	231	190	2	35	..	3	405	..
4. Institutional Building	2	529	437	4	407	340	2	121	..	4	340	..
5. Other Building	..	..	..	3	616	507	2	43	..	..	..	..
Total	149	7388	5928	121	6318	5155	67	2905	..	149	8696	..

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor Area in square metre

Source: Municipal.

5.28 Number of Plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

KUNNAMKULAM

Type of Building	1976			1977		
	A	B	C	A	B	C
(a) NEW CONSTRUCTION						
<i>Dwellings:</i>						
1. (a) Family Quarters	64	4140	3307	80	6635	5370
(b) Non-family quarters	3	1855	1513	3	343	283
2. Industrial Building	7	636	513	7	291	239
3. Commercial Building	19	2715	2226	19	2222	1802
4. Institutional Building	2	185	147	..	..	..
5. Other Building	..	..	..	1	28	23
Total	95	9531	7706	110	9519	7717
(b) ALTERATIONS AND ADDITIONS						
<i>Dwellings:</i>						
1. (a) Family Quarters	41	2204	1773	55	3067	2478
(b) Non-family quarters	1	171	136	..	..	..
2. Industrial Building	2	52	43	2	75	61
3. Commercial Building	3	146	115	14	1018	832
4. Institutional Building	..	..	..	1	65	52
5. Other Building	..	..	..	..	..	..
Total	47	2573	2067	72	4225	3423

A-Number of Plans sanctioned

B-Plinth area in square metre

C-Floor Area in square metre

Source: Municipality

5.29 Number of plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

IRINJALAKUDA

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	85	6087	4876	82	6786	5512	61	3688	3154	50	3534	2948
(b) Non-family quarters	1	565	452	1	267	223	..	..	..	1	413	358
2. Industrial Building	6	498	398	5	1035	869	5	292	281	3	338	293
3. Commercial Building	7	285	222	4	208	172	4	523	646	2	279	251
4. Institutional Building	1	128	103	6	1276	1070	6	1511	1274	1	8	8
5. Other Building	..	..	..	2	171	134	9	260	217	15	357	287
Total	100	7563	6051	100	9743	7980	85	6274	5572	72	4929	4145
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family Quarters	23	1473	1177	6	245	204	44	1569	1376	37	1022	1307
(b) Non-family Quarters	2	91	75	..	..	..	..	..	..	..	..	..
2. Industrial Building	..	..	..	..	..	..	3	295	246	..	..	..
3. Commercial Building	..	..	..	1	36	30	9	520	420	2	16	9
4. Institutional Building	1	137	110	1	456	376	3	185	150	1	14	11
5. Other Building	..	..	..	..	..	..	2	35	33	1	16	14
Total	26	1701	1362	8	737	610	61	2604	2225	41	1068	1341

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor area in square metre

Source: Municipality

5.30 Number of Plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

CHALAKUDY

Type of Building	1976			1977		
	A	B	C	A	B	C
(a) NEW CONSTRUCTION						
<i>Dwellings:</i>						
1. (a) Family Quarters	98	6752	5497	77	5587	4519
(b) Non-family quarters	1	848	678	1	33	27
2. Industrial Building	4	783	645	3	498	411
3. Commercial Building	4	452	380	1	45	39
4. Institutional Building	3	2268	1949	5	1350	1129
5. Other Building	1	910	760	2	4146	3406
Total	111	12013	9909	89	11659	9531
(b) ALTERATIONS AND ADDITIONS						
<i>Dwellings:</i>						
1. (a) Family Quarters	27	1545	1244	17	1471	1180
(b) Non-family quarters	..	..	..	1	157	130
2. Industrial Building	..	..	..	..	..	..
3. Commercial Building	2	151	121	1	20	16
4. Institutional Building	..	..	..	2	606	500
5. Other Building	1	492	417	..	..	..
Total:	30	2188	1782	22	2254	1826

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor area in square metre

Source: Municipality

5.31 Number of Plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

KODUNGALLOOR

Type of Building	1976			1977		
	A	B	C	A	B	C
(a) NEW CONSTRUCTION						
<i>Dwellings:</i>						
1. (a) Family Quarters	10	810	650
(b) Non-family quarters
2. Industrial Building	1	5	4
3. Commercial Building	1	77	62
4. Institutional Building
5. Other Building
Total	12	892	716
(b) ALTERATIONS AND ADDITIONS						
<i>Dwellings:</i>						
1. (a) Family Quarters	4	279	225
(b) Non-family Quarters
2. Industrial Building
3. Commercial Building
4. Institutional Building
5. Other Building
Total	4	279	225

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor area in square metre

Source: Municipality

5.32 Number of Plans sanctioned and area under different types of Buildings Private Sector (Municipality)

GURUVAYOOR TOWNSHIP

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	78	6963	5656	57	6834	5505	77	3855	2695	97	4850	3395
(b) Non-family quarters	4	2687	2258	1	1498	1198	4	360	280	2	175	145
2. Industrial Building	3	1133	919	1	37	30	5	500	425	5	495	350
3. Commercial Building	10	1040	862	2	655	524	8	900	750	9	1075	830
4. Institutional Building	2	984	865	2	574	457	4	95	75	..	..	..
5. Other Building	..	..	..	..	..	..	149	3725	2975	162	4050	3250
Total	97	12807	10560	63	9598	7714	274	9435	7200	275	10645	7970
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family Quarters	37	2559	2093	34	2276	1852	67	3400	3000	80	2800	2250
(b) Non-family quarters	1	913	750	1	94	78	3	145	120	4	250	200
2. Industrial Building	..	..	..	..	..	..	..	..	..	..	..	..
3. Commercial Building	2	411	320	1	84	68	..	..	..	..	..	..
4. Institutional Building	3	201	163	..	..	..	..	..	..	..	..	..
5. Other Building	..	..	..	..	..	..	..	..	..	..	..	..
Total	43	4084	3326	36	2454	1998	70	3545	3120	84	3050	2450

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor area in square metre

Source: Municipality

5.33 Number of Plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

BADAGARA

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	368	24785	19740	331	23184	18766	373	..	..	342	..	..
(b) Non-family quarters	1	22	18	4	2074	1787						
2. Industrial Building	16	1026	874	3	241	194	1	..	..	1	..	..
3. Commercial Building	34	2052	1638	32	3280	2691	33	..	..	38	..	..
4. Institutional Building	3	155	129	8	1739	1418	3	..	..	9	..	..
5. Other Building	1	89	72	1	98	80	5	..	..	10	..	..
Total	423	28129	22471	379	30616	24936	415	..	..	400	..	..
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family Quarters	40	1638	1325	37	1778	1446	78	..	..	61	..	..
(b) Non-family quarters	1	63	50	..	..	..			
2. Industrial Building	2	101	82	..	..	..	1	..	..	..	..	..
3. Commercial Building	15	638	511	7	500	407	2	..	..	6	..	..
4. Institutional Building	3	184	160	..	..	..	1	..	..	..	..	..
5. Other Building	..	..	..	..	..	..	..	..	..	..	..	..
Total	61	2624	2128	44	2278	1853	82	..	..	67	..	..

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor area in square metre

Source: Municipality

5.34 Number of Plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

PALGHAT

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	217	16298.51	..	268	19417.84	..	332	19605.63	..	392	29460.18	..
(b) Non-family quarters	..	..	..	..	..	..	..	..	..	..	..	..
2. Industrial Building	15	1178.24	..	15	3795.80	..	2	262.93	..	2	103.55	..
3. Commercial Building	47	2811.56	..	52	8884.84	..	64	3514.16	..	59	4187.83	..
4. Institutional Building	1	183.80	..	3	829.86	..	1	8.53	..	Nil	Nil	..
5. Other Building	35	4283.58	..	29	5367.40	..	40	7249.08	..	50	6090.84	..
Total	315	24755.69	..	367	38295.74	..	439	30640.33	..	503	39842.40	..
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family quarters	85	3079.85	..	95	4278.74	..	88	3241.93	..	82	4160.97	..
(b) Non-family quarters	..	..	..	..	..	..	..	..	..	..	..	..
2. Industrial Building	..	..	..	1	35.04	..	..	..	..	..	..	..
3. Commercial Building	5	352.30	..	2	165.57	..	5	127.51	..	3	101.04	..
4. Institutional Building	..	..	..	..	..	..	..	..	..	..	..	..
5. Other Building	10	216.59	..	1	43.76	..	3	39.22	..	3	60.35	..
Total	100	3648.74	..	99	4523.11	..	96	3408.66	..	88	4322.36	..

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor area in square metre

Source: Municipality

5.35 Number of Plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

CHITTOOR

Type of Building	1976			1977		
	A	B	C	A	B	C
(a) NEW CONSTRUCTION						
<i>Dwellings:</i>						
1. (a) Family Quarters	25	1384	1113	82	5258	4267
(b) Non-family quarters	1	30	24	..	..	..
2. Industrial Building	1	43	35	5	321	258
3. Commercial Building	7	595	467	9	474	379
4. Institutional Building	3	458	383	7	297	245
5. Other Building	..	..	..	..	..	..
Total	37	2510	2022	103	6350	5149
(b) ALTERATIONS AND ADDITIONS						
<i>Dwellings:</i>						
1. (a) Family Quarters	17	797	639	43	1789	1442
(b) Non-family quarters	3	256	206	2	95	77
2. Industrial Building	..	..	..	1	29	23
3. Commercial Building	2	121	96	2	53	43
4. Institutional Building	1	239	197	2	48	39
5. Other Building	..	..	..	..	..	..
Total	23	1413	1138	50	2014	1624

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor area in square metre

Source: Municipality

5.36 Number of Plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

SHORNUR

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	28	1560	1210	45	3240	2560	97	9285	6965	82	6040	4850
(b) Non-family quarters	8	620	525	6	410	326	6	360	270	13	976	794
2. Industrial Building	..	..	..	2	82	71	..	..	..	5	410	346
3. Commercial Building	2	48	40	4	168	143	2	156	120	4	240	202
4. Institutional Building	1	143	117	..	..	..	..	..	..	3	368	312
5. Other Building	1	23	18	..	..	..	..	..	..	1	29	26
Total	40	2394	1910	57	3900	3100	105	9801	7355	108	8063	6530
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family Quarters	8	246	194	2	67	54	27	990	740	43	1176	992
(b) Non-family quarters	2	23	20	..	..	..	2	68	51	11	281	232
2. Industrial Building	..	..	..	..	..	..	..	..	..	2	86	71
3. Commercial Building	1	8	7	1	12	11	3	22	17	4	104	83
4. Institutional Building	..	..	..	1	43	38	..	..	..	3	246	197
5. Other Building	..	..	..	..	..	..	..	..	..	..	..	..
Total	11	277	221	4	122	103	32	1080	808	63	1893	1575

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor area in square metre

Source: Municipality

5.37 Number of Plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

MALAPPURAM

Type of Building	1976			1977		
	A	B	C	A	B	C
(a) NEW CONSTRUCTION						
<i>Dwellings:</i>						
1. (a) Family Quarters	104	6391	5132	101	6761	5435
(b) Non-family quarters	..	..	..	..	..	..
2. Industrial Building	2	95	78	1	67	55
3. Commercial Building	5	246	200	5	869	716
4. Institutional Building	4	875	762	..	..	..
5. Other Building	1	14	12	1	68	55
Total	116	7621	6184	108	7765	6261
(b) ALTERATIONS AND ADDITIONS						
<i>Dwellings:</i>						
1. (a) Family Quarters	57	2634	2107	60	2585	2093
(b) Non-family quarters	1	58	42	..	..	..
2. Industrial Building	2	119	97	1	8	6
3. Commercial Building	4	143	117	3	253	203
4. Institutional Building	1	196	158	4	140	112
5. Other Building	..	..	..	1	17	14
Total	65	3150	2521	69	3003	2428

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor area in square metre

Source: Municipality

5.38 Number of Plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

THIRUR

Type of Building	1976			1977		
	A	B	C	A	B	C
(a) NEW CONSTRUCTION						
<i>Dwellings:</i>						
1. (a) Family Quarters	184	14519	11587	148	11832	9658
(b) Non-family quarters	..	..	..	2	300	248
2. Industrial Building	3	222	180	5	463	382
3. Commercial Building	21	1724	1364	12	2911	2373
4. Institutional Building	4	447	360	..	..	..
5. Other Building	4	189	153	5	504	418
Total	216	17101	13644	172	16060	13079
ALTERATIONS AND ADDITIONS						
<i>Dwellings:</i>						
1. (a) Family Quarters	47	2193	1741	47	2384	1943
(b) Non-family quarters	..	..	..	3	366	301
2. Industrial Building	1	48	38	1	114	94
3. Commercial Building	9	867	700	5	209	171
4. Institutional Building	..	..	..	1	207	178
5. Other Building	3	184	147	3	144	120
Total	60	3292	2626	60	3424	2807

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor area in square metre

Source: Municipality

5.39 Number of Plans sanctioned and area under different types of Buildings - Private Sector (Municipality)

CANNANOR E

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	224	24241	19635	240	29611	24236	239	..	..	276	..	..
(b) Non-family quarters	1	698	587	4	2033	1643	7	..	..	3	..	..
2. Industrial Building	12	1111	913	5	918	757	1	..	..	4	..	..
3. Commercial Building	35	3984	3235	43	4623	3998	4	..	..	28	..	..
4. Institutional Building	5	513	412	2	1596	1279	6	..	..	5	..	..
5. Other Building	1	60	48	4	248	202	114	..	..	2	..	..
Total	278	30607	24830	298	39029	32115	371	..	..	318	..	..
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family Quarters	59	2761	2207	75	3751	3075	89	..	..	118	..	..
(b) Non-family quarters	3	151	121	1	90	74	..	..	..	..	..	..
2. Industrial Building	3	111	87	2	199	165	..	..	..	..	..	..
3. Commercial Building	15	1303	1067	15	709	582	..	..	..	..	..	..
4. Institutional Building	3	538	431	3	926	748	..	..	..	..	..	..
5. Other Building	1	96	77	..	..	..	..	..	..	..	..	..
Total	84	4960	3990	96	5675	4644	89	..	..	118	..	..

A - Number of Plans sanctioned

B - Plinth area in square metre

C - Floor area in square metre

Source: Municipality

5.40 Number of Plans sanctioned and area under different types of Buildings—Private sector (Municipality)

TELLICHERRY

Type of Building	1976			1977		
	A	B	C	A	B	C
(a) NEW CONSTRUCTION						
<i>Dwellings:</i>						
1. (a) Family Quarters	218	21158	17065	239	25740	20773
(b) Non-family quarters	5	2502	1980	5	4740	3793
2. Industrial Building	8	715	576	8	675	543
3. Commercial Building	31	3196	2589	21	1207	983
4. Institutional Building	1	39	33	4	1829	1521
5. Other Building	1	32	26	..	..	..
Total	264	27642	22269	227	34191	27613
(b) ALTERATIONS AND ADDITIONS						
<i>Dwellings:</i>						
1. (a) Family Quarters	32	1614	1308	50	2630	2123
(b) Non-family quarters	2	46	38	2	141	113
2. Industrial Building	2	181	145	3	296	241
3. Commercial Building	4	112	91	2	53	43
4. Institutional Building	1	46	34	4	647	527
6. Other Building	1	11	9	1	398	341
Total	42	2010	1625	62	4165	3388

A—No. of plans sanctioned, B—Plinth area in Square Metre, C—Floor area in square metre.

Source: Municipality.

5.41 Number of plans sanctioned and area under different types of Buildings—Private Sector (Municipality)

KASARAGOD

Type of Building	1976			1977			1978			1979		
	A	B	C	A	B	C	A	B	C	A	B	C
(a) NEW CONSTRUCTION												
<i>Dwellings:</i>												
1. (a) Family Quarters	127	8360	6654	74	4945	4014	113	8263	7883	176	12476	10422
(b) Non-family quarters	1	278	221	4	125	104	1	323	1329	1	21	17
2. Industrial Building	7	480	384	1	214	174	4	136	96	10	1256	1654
3. Commercial Building	19	2058	1643	16	643	525	13	2696	2431	20	6191	5631
4. Institutional Building	4	691	557	6	675	550	..	..	..	..	..	..
5. Other Building	2	66	52	4	205	168	22	280	235	42	1431	1096
Total	160	11933	9511	105	6807	5535	153	11698	11974	249	21375	18820
(b) ALTERATIONS AND ADDITIONS												
<i>Dwellings:</i>												
1. (a) Family Quarters	54	2550	2023	36	1694	1389	34	1036	771	114	6787	6180
(b) Non-family quarters	1	33	25	1	49	40	..	..	..	..	..	..
2. Industrial Building	1	22	18	..	..	..	..	..	..	11	1743	1568
3. Commercial Building	9	1024	818	9	1148	977	6	202	141	15	620	491
4. Institutional Building	2	44	36	3	273	223	..	..	..	..	..	..
5. Other Building	2	213	171	1	113	92	10	271	124	11	260	206
Total	69	3886	3091	50	3277	2721	50	1509	1036	151	9410	8445

A—Number of plans sanctioned, B—Plinth area in square metre, C—Floor area in square metre.

Source: Municipality.

VI. INCOME

6.1. Percentage distribution of State Domestic Products by Broad Sectors - Kerala (Percent to total)

Year	At Current Prices														
	Primary			Secondary			Tertiary			Secondary				Tertiary	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)		
		Agriculture, Forestry & Mining	Manufacturing, Construction and Water Supply	Trade, Transport, Storage and Communication	Finance & Real Estate	Community & Personal Services	Total	Agriculture, Forestry & Mining	Fish-ery & Mining	Manufacturing, Construction, Electricity and water Supply	Trade, Transport, Storage & Communication	Finance and Real Estate	Community & Personal Services	Total	
*1960-61	56.00	56.00	15.20	13.40	3.60	11.80	100	56.00		15.20	13.40	3.60	11.80	100	
*1969-70	54.00	54.00	14.50	15.80	3.40	12.30	100	50.00		17.90	16.20	3.60	12.30	100	
1974-75	52.63	52.63	17.37	14.28	3.81	11.91	100	52.20		17.13	13.97	3.99	12.71	100	
1975-76	48.58	48.58	17.74	15.96	4.44	13.28	100	51.21		17.12	14.34	4.29	13.04	100	
1976-77	47.92	47.92	17.12	17.00	4.42	13.54	100	49.54		17.56	14.56	4.48	13.86	100	
1977-78	45.49	45.49	18.67	17.81	4.49	13.54	100	46.29		21.07	14.13	4.61	13.90	100	

* At Constant 1960-61 prices.

Source: B E & S.

6.2. State Domestic Product and Per Capita S. D. P. 1960-61 to 1977-78 (At current and constant prices)

Year	State, Net Domestic Product (Rupees lakhs)		Per Capita State Domestic Product (Rupees)		Remarks
	At current Prices	At constant Prices (1970-71)	At current Prices	At constant prices (1970-71)	
(1)	(2)	(3)	(4)	(5)	(6)
* 1960-61	43222	43222	258.60	258.60	Details Furnished are from the revised series from 1970-71.
* 1969-70	111095	59965	541.40	292.20	
1974-75	202944	130803	882.71	568.93	
1975-76	213131	132514	907.33	564.13	
1976-77	227065	129868	948.04	542.22	
1977-78	240576	135757	987.02	556.97	

* At constant 1960-61 prices.

Source: BE and S.

6.3 Net State Domestic Product at Factor Cost by Industry of origin at current prices—Kerala

(Rs. in lakhs)

Industry	1960-61	1969-70	1974-75	1975-76	1976-77	1977-78
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Agriculture ..	23091	56278	98663	92945	99697	96887
2. Forestry and Logging ..	477	1178	2176	3402	2808	4211
3. Fishing ..	475	2412	5619	6774	5917	7995
4. Mining ..	153	109	360	415	384	338
Sub Total—Primary ..	24196	59977	106818	103536	108806	109431
5. Manufacturing ..	5382	12592	27665	28422	28997	31941
(a) Registered ..	2677	8095	13864	14882	16031	16482
(b) Un registered ..	2705	4497	13801	13540	12966	15459
6. Construction ..	983	2531	5504	7061	6635	8372
7. Electricity Gas and Water Supply ..	220	939	2092	2317	3252	4612
(a) Electricity ..	207	900	2003	2217	3142	4492
(b) Water Supply ..	13	39	89	100	110	120
Sub Total—Secondary ..	6585	16062	35261	37800	38884	44925
8. Transport Storage and Communication ..	1564	1739	10826	13303	15404	16562
(a) Railways ..	294	496	755	963	1119	1154
(b) Transport by other means and Storage ..	1116	3516	8778	10842	12444	13347
(c) Communication ..	154	727	1293	1498	1841	2061
9. Trade Hotels and Restaurants ..	4205	12843	18151	20720	23206	26291
Sub Total—Transport Communication and Trade ..	5769	17582	28977	34023	38610	42853
10. Banking and Insurance ..	414	1334	4146	5207	5734	6233
11. Real Estate, owner ship of dwelling and Business Services ..	1159	2461	3578	4263	4290	4565
Sub Total—Finance and Real Estate ..	1573	3795	7724	9470	10024	10798
12. Public Administration and Defence ..	1110	3256	7002	8101	9050	10795
13. Other Services ..	3989	10423	17162	20201	21691	21774
Sub Total—Community and personal services ..	5099	13679	24164	28302	30741	32569
14. Net domestic product at Factor Cost ..	43222	111095	202944	213131	227065	240576
Population (1000 Persons) ..	16714	20521	22991	23490	23951	24374
Per capita Income (Rs.) ..	258.60	541.40	882.71	907.33	948.04	987.02

Source: BE and S.

6.4. Net State Domestic Product at Factor Cost by Industry of Origin at Constant prices (1970-71 prices)—Kerala

(Rs. in lakhs)

Industry	1960-61*	1969-70*	1974-75	1975-76	1976-77	1977-78
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Agriculture ..	23091	28473	63927	63237	60848	59016
2. Forestry and Logging ..	477	883	1146	1406	1266	1218
3. Fishing ..	475	582	2989	2994	2031	2431
4. Mining ..	153	71	212	219	201	174
Sub Total—Primary ..	24196	30009	68274	67856	64346	62839
5. Manufacturing ..	5382	8970	16756	16413	16735	21472
(a) Registered ..	2677	6154	8273	8501	9179	12957
(b) Un registered ..	2705	2816	8483	7912	7556	8515
6. Construction ..	983	1294	3969	4421	3928	4677
7. Electricity Gas and Water Supply ..	220	451	1685	1850	2133	2455
(a) Electricity ..	207	429	1629	1791	2069	2387
(b) Water Supply ..	13	22	56	59	64	68
Sub Total—Secondary ..	6585	10715	22410	22684	22796	28604
8. Transport Storage and Communication ..	1564	2812	8017	8750	9168	9663
(a) Railways ..	294	383	652	729	779	797
(b) Transport by other means and Storage ..	1116	1995	6300	6860	7248	7661
(c) Communications ..	154	434	1065	1161	1141	1205
9. Trade Hotels and Restaurants ..	4205	6899	10258	10256	9740	9522
Sub Total—Transport Communication and Trade ..	5769	9711	18275	19006	18908	19185
10. Banking and Insurance ..	414	700	2328	2630	2747	3048
11. Real Estate, owner ship of dwelling and Business services ..	1159	1468	2889	3059	3074	3212
Sub Total—Finance and Real Estate ..	1573	2168	5217	5689	5821	6260
12. Public Administration and Defence ..	1110	2405	5588	5938	6442	7211
13. Other Services ..	3989	4957	11039	11341	11555	11658
Sub Total—Community and personal services ..	5099	7362	16627	17279	17997	18869
14. Net domestic product at factor Cost ..	43222	59965	130803	132514	129868	135757
Population (1000 Persons) ..	16714	20521	22991	23490	23951	24374
Per capita Income (Rs) ..	258.60	292.20	568.93	564.13	542.22	556.97

* At constant 1960-61 prices.

Source: BE and S.

6.5 Net Domestic Product at factor Cost by Industry of Origin—Percentage Distribution of Kerala at Current Prices

Industry	1960-61	1969-70	1974-75	1975-76	1976-77	1977-78
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Agriculture ..	53.40	50.60	48.62	43.61	43.91	40.27
2. Forestry and Logging ..	1.10	1.10	1.07	1.60	1.24	1.75
3. Fishing ..	1.10	2.20	2.77	3.18	2.61	3.32
4. Mining ..	0.40	0.10	0.17	0.19	0.16	0.15
Sub Total—Primary ..	56.00	54.00	52.63	48.58	47.92	45.44
5. Manufacturing ..	12.40	11.30	13.63	13.34	12.77	13.28
(a) Registered ..	6.20	7.30	6.83	6.98	7.06	6.85
(b) Un registered ..	6.20	4.00	6.80	6.36	5.71	6.43
6. Construction ..	2.30	2.30	2.71	3.31	2.92	3.47
7. Electricity Gas and Water Supply ..	0.50	0.90	1.03	1.09	1.43	1.92
(a) Electricity ..	..	..	0.99	1.04	1.38	1.87
(b) Water Supply ..	..	..	0.04	0.05	0.05	0.05
Sub Total—Secondary ..	15.20	14.50	17.37	17.74	17.12	18.67
8. Transport Storage and Communication ..	3.70	4.30	5.33	6.24	6.78	6.88
(a) Railways ..	0.70	0.40	0.37	0.45	0.49	0.48
(b) Transport by other means and Storage ..	2.60	3.20	4.33	5.09	5.48	5.55
(c) Communication ..	0.40	0.70	0.63	0.70	0.81	0.85
9. Trade Hotels and Restaurants ..	9.70	11.50	8.95	9.72	10.22	10.93
Sub Total—Transport Communication and Trade ..	13.40	15.80	14.28	15.96	17.00	17.81
10. Banking and Insurance ..	0.90	1.20	2.04	2.44	2.53	2.59
11. Real Estate, owner ship of dwelling and Business Services ..	2.70	2.20	1.77	2.00	1.89	1.90
Sub Total—Finance and Real Estate ..	3.60	3.40	3.81	4.44	4.42	4.49
12. Public Administration and Defence ..	2.60	2.90	3.45	3.80	3.99	4.49
13. Other Services ..	9.20	9.40	8.46	9.48	9.55	9.05
Sub Total—Community and personal Services ..	11.80	12.30	11.91	13.28	13.54	13.54
14. Net domestic product at factor Cost ..	100.00	100.00	100.00	100.00	100.00	100.00

Source: BE and S.

6.6 Net Domestic Product at Factor cost by Industry of origin—Percentage distribution of Kerala at constant prices (1970-71)

Industry	* 1960-61	*1969-70	1974-75	1975-76	1976-77	1977-78
(1)	(2)	(3)	(4)	(5)	(5)	(7)
1. Agriculture ..	53.40	47.50	48.87	47.72	46.85	43.47
2. Forestry and Logging ..	1.10	1.50	0.88	1.06	0.97	0.90
3. Fishing ..	1.10	0.90	2.29	2.26	1.56	1.79
4. Mining ..	0.40	0.10	0.16	0.17	0.16	0.13
Sub Total—Primary ..	56.00	50.00	52.20	51.21	49.54	46.29
5. Manufacturing ..	12.40	15.00	12.81	12.39	12.89	15.82
(a) Registered ..	6.20	10.30	6.32	6.42	7.07	9.54
(b) Un Registered ..	6.20	4.70	6.49	5.97	5.82	6.28
6. Construction ..	2.30	2.10	3.03	3.33	3.03	3.44
7. Electricity Gas and Water Supply ..	0.50	0.80	1.29	1.40	1.64	1.81
(a) Electricity ..	..	..	1.25	1.35	1.59	1.76
(b) Water supply ..	..	..	0.04	0.05	0.05	0.05
Sub Total—Secondary ..	15.20	17.90	17.13	17.12	17.56	21.07
8. Transport Storage and Communication ..	3.70	4.70	6.13	6.60	7.06	7.12
(a) Railway ..	0.70	0.70	0.50	0.55	0.50	0.59
(b) Transport by other means & Storage ..	2.60	3.30	4.82	5.18	5.58	5.64
(c) Communication ..	0.40	0.70	0.81	0.87	0.98	0.89
9. Trade Hotel and Restaurants ..	9.70	11.50	7.84	7.74	7.50	7.01
Sub Total—Transport Communication and Trade ..	13.40	16.20	13.97	14.34	14.56	14.13
10. Banking and Insurance ..	0.90	1.20	1.78	1.98	1.98	2.25
11. Real Estate, ownership of dwelling and business services ..	2.70	2.40	2.21	2.31	2.50	2.36
Sub Total—Finance and Real Estate ..	3.60	3.60	3.99	4.29	4.48	4.61
12. Public Administration and Defence ..	2.60	4.00	4.27	4.48	4.96	5.31
13. Other Services ..	9.20	8.30	8.44	8.56	8.90	8.59
Sub Total—Community and personal services ..	11.80	12.30	12.71	13.04	13.86	13.90
14. Net domestic product at factor Cost ..	100.00	100.00	100.00	100.00	100.00	100.00

* At constant 1960-61 prices

Source: BE and S.

6.7 Indices of state domestic product by broad sectors—Kerala—1960-61—1977-78 at current and constant (1970-71) Prices

Year	At Constant Prices (1970-71)						At current Prices						
	Primary	Secondary	Tertiary		Total	Primary	Secondary	Tertiary		Total			
	Agriculture Forestry Fishing & Mining	Manufacturing Construction Electricity and water supply	Trade, Transport, Storage and commu- nication	Finance & Real Estate	Community & Personal Services		Agriculture Forestry, Fishing & Mining	Manufacturing Construction & Electricity and water supply	Trade Transport, Storage & Communi- cation	Finance Real Estate	Community & Personal Services		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
*1960-61	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
*1969-70	247.9	243.9	304.8	241.3	268.3	281.8	124.0	162.7	168.3	137.8	144.4	154.7	
1974-75	105.5	115.2	116.9	125.2	116.0	110.5	165.0	181.0	185.0	185.0	169.0	171.0	
1975-76	104.8	116.6	121.6	136.5	120.5	112.0	160.0	194.0	218.0	227.0	197.0	180.0	
1976-77	99.4	117.2	120.9	139.7	125.5	109.7	168.0	200.0	247.0	241.0	214.0	192.0	
1977-78	97.1	147.0	122.7	150.2	131.6	114.7	169.0	231.0	274.0	259.0	227.0	203.0	

* At constant 1960-61 prices.

Source: BE and S.

6.8 Indices of net domestic product at factor cost by industry of origin—Kerala at current prices (1970-71 = 100)

Industry	1960-61	1969-70	1974-75	1975-76	1976-77	1977-78
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Agriculture	100	244	162	153	164	159
2. Forestry and Logging	100	247	196	306	253	379
3. Fishing	100	508	219	264	230	311
4. Mining	100	71	245	282	261	230
Sub Total—Primary	100	248	165	160	168	169
5. Manufacturing	100	234	185	191	194	214
(a) Registered	100	302	192	206	222	228
(b) Un-registered	100	166	179	176	168	201
6. Construction	100	258	164	210	197	249
7. Electricity Gas and Water Supply	100	427	177	196	275	391
(a) Electricity	100	427	176	195	276	395
(b) Water Supply	100	435	207	233	256	279
Sub Total—Secondary	100	244	181	194	200	231
8. Transport storage and communication	100	303	178	219	254	273
(a) Railways	100	169	116	147	171	177
(b) Transport by other means & storage	100	315	192	237	272	292
(c) Communication	100	472	153	177	218	244
9. Trade Hotels and Restaurants	100	205	190	217	151	275
Sub Total Transport communications and Trade	100	305	185	218	247	274
10. Banking and insurance	100	322	255	320	352	383
11. Real estate, owner ship of dwelling and business services	100	212	141	168	170	180
Sub Total—Finance and Real estate	100	241	185	227	241	259
12. Public Administration and Defence	100	293	179	207	231	276
13. Other Services	100	261	165	194	208	209
Sub total community and personal services	100	268	169	197	214	227
14. Net domestic product at factor cost population (1000 persons)	100	257	171	180	192	203
Per capita income (Rs.)	..	..	110	112	114	116
	..	..	157	161	168	175

Source: BE and S.

6.9 Indices of net domestic product at factor cost by Industry of origin at constant prices (1970-71)

Industry	1960-61*	*1969-70	1974-75	1975-76	1976-77	1977-78
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Agriculture	100.0	123.3	105.0	103.8	99.9	96.9
2. Forestry and logging	100.0	185.1	103.2	126.7	114.1	109.7
3. Fishing	100.0	122.5	116.3	116.5	79.1	94.6
4. Mining	100.0	46.4	144.2	149.0	136.7	118.4
Sub Total—Primary	100.0	124.0	105.5	104.8	99.4	97.1
5. Manufacturing	100.0	166.7	112.3	110.0	112.2	144.0
(a) Registered	100.0	229.9	114.6	117.8	127.2	179.5
(b) Un registered	100.0	104.1	110.2	102.8	98.2	110.6
6. Construction	100.0	131.6	118.1	131.6	98.2	139.2
7. Electricity, Gas and water supply	100.0	205.0	142.7	156.6	180.6	207.9
(a) Electricity	100.0	207.2	143.1	157.4	181.8	209.8
(b) Water supply	100.0	169.2	130.2	137.2	148.8	158.1
Sub Total—Secondary	100.0	162.7	115.2	116.6	117.2	147.0
8. Transport storage and communication	100.0	179.8	132.1	144.2	151.1	159.3
(a) Railways	100.0	130.3	99.8	111.6	119.3	122.1
(b) Transport by other means and storage	100.0	178.8	137.9	150.1	158.6	167.6
(c) Communication	100.0	281.8	126.2	137.6	135.2	142.8
9. Trade hotels and restaurants	100.0	164.1	107.2	107.2	101.7	99.5
Sub Total—Transport communication and Trade	100.0	168.3	116.9	121.6	120.9	122.7
10. Banking and insurance	100.0	169.1	142.9	161.4	168.6	187.1
11. Real Estate, ownership of Dwellings and Business services	100.0	126.7	113.8	120.5	121.1	120.1
Sub Total Finance and Real Estate	100.0	137.8	125.2	136.5	139.7	150.2
12. Public Administration and Defence	100.0	216.7	142.8	151.7	164.6	184.2
13. Other services	100.0	124.3	105.9	108.8	110.8	111.8
Sub Total community and personal services	100.0	144.4	116.0	120.5	125.5	131.6
14. Net domestic product at factor cost Population (1000 persons)	100.0	144.8	110.5	112.0	109.7	114.7
Per capita income (Rs.)	..	..	109.5	111.9	114.1	116.1
	..	..	101.0	100.1	96.2	98.8

* At constant 1960-61 prices

Source: BE and S.

6.10. District-wise break up of net state domestic product by broad sectors at current prices (1974-75)

(Rs. lakhs)

Districts	Primary		Secondary		Tertiary		net product	population '000'	per capita income (Rupees)
	Agriculture forestry fishing and mining	manufacturing construction electricity and water supply	Trade Transport Storage & communication	Finance and real estate	Community and personal service	sub Total			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	10428	3349	3007	807	3817	7631	21408	2357	908.27
Quilon	17224	4219	2659	699	2541	5899	27342	2570	1063.89
Alleppey	9466	2772	2949	698	2491	6138	18376	2219	828.12
Kottayam	11468	1926	1951	643	2003	4597	17991	1602	1123.03
Idukki	6025	1266	553	226	577	1356	8647	835	1035.57
Ernakulam	7447	8474	3599	1583	2582	7764	23685	2331	1016.09
Trichur	7758	3718	2935	869	2445	6249	17725	2354	752.97
Palghat	7900	2236	2098	517	1663	4278	14414	1791	804.80
Malappuram	7659	1434	2180	319	1423	3922	13015	2039	638.30
Kozhikode	10173	2549	3600	733	2407	6740	19462	2304	844.70
Cannanore	11270	3318	3446	630	2215	6291	20879	2589	806.45
Kerala	106818	35261	28977	7724	24164	60865	202944	22991	882.71

Source: BE and S.

6.11. District-wise break up of net state domestic product by broad sectors 1974-75 At constant (1970-71) prices.

(Rs. lakhs)

District	Primary		Secondary		Tertiary		net product	population '000'	per capita income (Rupees)
	Agriculture Forestry fishing and mining	manufacturing construction electricity and water supply	Trade transport storage and communication	Finance and real estate	Community and personal service	Sub total			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	6260	2175	1896	530	2754	5180	13615	2357	577.64
Quilon	10382	2652	1659	493	1737	3889	16923	2570	658.48
Alleppey	6235	1780	1845	465	1706	4016	12031	2219	542.18
Kottayam	6879	1264	1218	420	1342	2980	11123	1602	694.32
Idukki	3665	826	352	146	393	891	5382	835	644.55
Ernakulam	5054	5266	2391	1015	1784	5190	15510	2331	665.38
Trichur	5440	2348	1845	592	1680	4117	11905	2354	505.73
Palghat	5898	1434	1310	370	1144	2824	10156	1791	567.06
Malappuram	5204	924	1381	208	961	2550	8678	2039	425.60
Kozhikode	6453	1640	2254	576	1627	4457	12550	2304	544.70
Cannanore	6804	2101	2124	402	1499	4025	12930	2589	499.42
Kerala	68274	22410	18275	5217	16627	40119	130803	22991	568.93

Source: BE and S.

6.12. District-wise Break up of Net State Domestic Product by Broad Sectors at Current Prices 1975-76

(Rs. lakhs)

District	Primary	Secondary	Tertiary			Sub total	net product	population '000'	per capita income (Rupees)
	Agriculture Forestry fishing and mining	manufacturing construction electricity and water supply	Trade transport storage and communication	Finance and real estate	Community and personal service				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	10416	3597	3325	979	4423	8727	22740	2409	943.96
Quilon	17298	4149	3118	852	2974	6944	28391	2619	1084.04
Alleppey	9083	3099	3362	775	2910	7047	19229	2250	854.62
Kottayam	10517	2081	2270	745	2339	5354	17952	1626	1104.06
Idukki	5811	1357	752	260	811	1823	8991	855	1051.58
Ernakulam	6734	8400	4407	2270	2869	9546	24680	2384	1035.23
Trichur	7417	3973	3500	1010	2908	7418	18808	2405	782.04
Palghat	8408	2359	2476	649	1948	5073	15840	1823	868.90
Malappuram	7947	1536	2532	346	1675	4553	14036	2095	669.98
Kozhikode	9477	3723	4173	774	2807	7754	20954	2365	886.00
Cannanore	10428	3526	4108	810	2638	7556	21510	2659	808.95
Kerala	103536	37800	34023	9470	28302	71795	213131	23490	907.33

Source: BE and S.

6.13 District-wise Break up of Net State Domestic Product by Broad Sectors 1975-76 at constant (1970-71) Prices

(Rs. lakhs)

District	Primary	Secondary	Tertiary			Sub total	net product	population '000'	per capita income (Rupees)
	Agriculture Forestry fishing and mining	manufacturing construction electricity and water supply	Trade transport storage and communication	Finance and real estate	Community and personal service				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	6243	2212	1887	580	2902	5369	13824	2409	573.85
Quilon	10304	2487	1733	541	1806	4080	16871	2619	644.18
Alleppey	6139	1873	1886	537	1786	4209	12221	2250	543.16
Kottayam	6895	1289	1258	449	1408	3115	11299	1626	694.90
Idukki	3733	826	425	140	404	969	5528	855	646.55
Ernakulam	4927	4956	2429	1157	1854	5440	15323	2384	642.74
Trichur	5505	2371	1971	628	1723	4322	12198	2405	507.19
Palghat	5780	1425	1373	378	1188	2939	10144	1823	556.45
Malappuram	5306	926	1432	214	989	2635	8867	2095	423.25
Kozhikode	6415	2218	2391	601	1667	4659	13292	2365	562.03
Cannanore	6609	2101	2221	464	1552	4237	12947	2659	486.91
Kerala	67856	22684	19006	5689	17279	41974	132514	23490	564.13

Source: BE and S.

6.14. District-wise Break up of Net State Domestic Product by Broad Sectors at current prices—1976-77

(Rs. lakhs)

District	Primary	Secondary	Tertiary			Sub total	net product	population '000'	per capita income (Rupees)
	Agriculture Forestry and fishing and mining	manufacturing construction electricity and water supply	Trade transport storage and communication	Finance and real estate	Community and personal service				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	9778	3754	3840	1038	4864	9742	23274	2454	948.41
Quilon	13683	4905	3551	938	3261	7750	26338	2666	987.92
Alleppey	9031	2962	3829	848	3120	7797	19790	2278	868.74
Kottayam	10150	2131	2569	781	2472	5822	18103	1645	1100.49
Idukki	6974	1421	811	275	678	1764	10159	877	1158.38
Ernakulam	8553	9527	5091	2146	3413	10650	28730	2431	1181.82
Trichur	8678	3857	3891	1088	3064	8043	20578	2453	838.89
Palghat	7308	2472	2813	705	2145	5663	15443	1854	832.96
Malappuram	10321	1498	2889	385	1848	5122	16941	2146	789.42
Kozhikode	10707	2803	4750	982	3044	8776	22286	2424	919.39
Cannanore	13623	3554	4576	838	2832	8246	25423	2723	933.64
Kerala	108806	38884	38610	10024	30741	79375	227065	23951	948.04

Source: BE and S.

6.15. District-wise Break up of Net State Domestic Product by Broad Sectors 1976-77 at constant prices (1970-71)

(Rs. lakhs)

District	Primary	Secondary	Tertiary			Sub total	net product	population '000'	per capita income (Rupees)
	Agriculture Forestry and fishing and mining	manufacturing construction electricity and water supply	Trade transport storage and communication	Finance and real estate	Community and personal service				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	5817	2229	1877	595	2046	5518	13564	2454	552.73
Quilon	8176	2864	1724	553	1863	4140	15180	2666	569.39
Alleppey	5553	1746	1869	548	1840	4257	11556	2278	507.29
Kottayam	6271	1269	1244	459	1403	3106	10640	1645	647.17
Idukki	3311	836	404	143	414	961	5108	877	582.44
Ernakulam	5293	5530	2477	1188	1920	5585	16408	2431	674.95
Trichur	5391	2259	1925	643	1795	4363	12013	2453	489.73
Palghat	4935	1452	1371	388	1235	2994	9381	1854	505.99
Malappuram	5925	882	1450	218	1062	2730	9537	2146	444.41
Kozhikode	6247	1649	2399	611	1760	4770	12666	2424	522.52
Cannanore	7427	2080	2168	475	1659	4302	13809	2723	507.12
Kerala	64346	22796	18908	5821	17997	42726	129868	23951	542.22

Source: BE and S.

6.16. District-wise Break up of Net State Domestic Product by Broad Sectors at current prices 1977-78

(Rs. lakhs)

District	Primary	Secondary		Tertiary			net product	population '000'	per capita income (Rupees)
	Agriculture Forestry fishing and mining	manufacturing construction electricity and water supply	Trade transport storage and communication	Finance and real estate	Community and personal service	Sub total			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	8336	4511	4178	1122	5376	10676	23523	2495	942.81
Quilon	12136	5433	3952	1009	3403	8364	25933	2708	957.64
Alleppey	8594	3586	4257	913	3364	8534	20714	2301	900.22
Kottayam	9229	2601	2893	841	2685	6419	18249	1660	1099.34
Idukki	5601	1609	885	292	733	1910	9120	895	1018.99
Ernakulam	9922	10448	5635	2320	3503	11458	31828	2476	1285.46
Trichur	9500	4542	4337	1174	3266	8777	22819	2493	915.32
Palghat	8532	2909	3113	757	2224	6094	17535	1882	931.72
Malappuram	10302	1830	3224	411	1873	5508	17640	2199	802.18
Kozhikode	12439	3310	5280	1061	3179	9520	25269	2479	1019.32
Cannanore	14840	4146	5099	898	2963	8960	27946	2786	103.09
Kerala	109431	44925	42853	10798	32569	86220	240576	24374	987.02

Source: BE and S.

6.17. District-wise Break up of Net State Domestic Product by Broad Sectors 1977-78—at constant prices (1970-71)

(Rs. lakhs)

District	Primary	Secondary		Tertiary			net product	population '000'	per capita income (Rupees)
	Agriculture Forestry fishing and mining	manufacturing construction electricity and water supply	Trade transport storage and communication	Finance and real estate	Community and personal service	Sub total			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	4847	2697	1871	645	3140	5756	13300	2495	533.07
Quilon	7202	3689	1742	593	1971	4306	15197	2708	561.19
Alleppey	5263	2133	1891	586	1927	4404	11800	2301	512.82
Kottayam	5579	1574	1273	493	1489	3255	10408	1660	626.99
Idukki	2884	1039	407	149	395	951	4874	895	544.58
Ernakulam	6020	7226	2579	1292	2100	5971	19217	2476	776.13
Trichur	5604	2847	1951	692	1876	4519	12970	2493	520.26
Palghat	5588	1782	1377	414	1304	3095	10466	1882	556.26
Malappuram	5484	1062	1472	492	1083	3047	9593	2199	436.24
Kozhikode	6598	2042	2443	435	1804	4682	13321	2479	537.35
Cannanore	7770	2513	2179	469	1680	4328	14611	2786	524.44
Kerala	62839	28604	19185	6260	18869	44314	135757	24374	556.97

Source: BE and S.

6.18 District—Income at current prices for the years 1970-71 to 1977-78

(Rs. lakhs)

District	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Kerala ..	118336	121047	139726	174621	202944	213131	227065	240576
Trivandrum ..	11862	12737	14397	18410	21408	22740	23274	23523
Quilon ..	14752	15149	18777	23211	27342	28391	26338	25933
Alleppey ..	11371	11132	13101	16183	18376	19229	19790	20714
Kottayam ..	9533	9829	11337	15313	17991	17952	18103	18249
Idukki ..	4694	4695	5266	6613	8647	8991	10159	9120
Ernakulam ..	13833	14886	16329	18855	23685	24680	28730	31828
Trichur ..	11145	11288	12782	15349	17725	18808	20578	22819
Palghat ..	8892	9179	10859	12749	14414	15840	15443	17535
Malappuram ..	8428	8910	10014	11794	13015	14036	16941	17640
Kozhikode ..	11742	11150	12947	18162	19462	20954	22286	25269
Cannanore ..	12084	12092	13917	17982	20879	21510	25423	27946

Source: Bureau of Economics and Statistics.

6.19. District-wise per capita Income for the years for 1970-71 to 1977-78

(Per capita Income)

District	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Kerala ..	563.56	563.35	635.58	776.58	882.71	907.33	948.04	987.02
Trivandrum ..	548.66	575.55	636.47	798.35	908.27	943.96	948.41	942.81
Quilon ..	621.92	624.96	758.67	921.80	1063.89	1084.04	987.92	957.64
Alleppey ..	543.81	523.86	606.25	740.30	828.12	854.62	868.74	900.22
Kottayam ..	629.66	639.08	726.27	969.79	1123.03	1104.06	1100.49	1099.34
Idukki ..	622.55	606.59	663.22	814.41	1035.57	1051.58	1158.38	1018.99
Ernakulam ..	650.35	683.16	731.91	827.70	1016.09	1035.23	1181.82	1285.46
Trichur ..	532.23	526.98	583.12	666.48	752.97	782.04	838.89	915.32
Palghat ..	536.63	542.81	629.14	726.03	804.80	868.90	832.96	931.72
Malappuram ..	461.30	473.94	518.32	594.76	638.30	669.98	789.42	802.18
Kozhikode ..	566.43	523.72	591.19	809.36	844.70	886.00	919.39	1019.32
Cannanore ..	51930	505.52	565.73	718.29	806.45	808.95	933.64	1003.09

Source: Bureau of Economics and Statistics.

6.20 Estimates of net state domestic product of states for 1960-61 to 1978-79 (at current prices)

(Rs. million)

State	1960-61	1969-70	1975-76	1976-77	1977-78	1978-79
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Andhra Pradesh	9830	21960	43415	44341	50321	53013
2. Assam	3360	6850	12969	14641	16513	17535
3. Bihar	9930	21930	40622	43799	46925	..
4. Gujarat	7380	17840	35840	40350	..	..
5. Haryana	2450	7820	14402	17001	19042	..
6. Himachal Pradesh	..	1970	4105	3995	4666	5119
7. Jammu & Kashmir	..	..	4578	4772	5378	6412
8. Karnataka	6670	14260	32254	32716	37698	39012
9. Kerala	4320	11110	21313	22706	24038	..
10. Madhya Pradesh	8320	18820	36226	36600	44650	43060
11. Maharashtra	15970	36560	76052	84387	93476	..
12. Manipur	120	430	989	986	1055	..
13. Meghalaya	..	..	..	..	..	..
14. Orissa	3740	10440	18114	17278	21748	..
15. Punjab	4110	13680	23617	27327	30169	32953
16. Rajasthan	5590	12040	24682	26315	28938	31745
17. Tamil Nadu	11120	21480	36979	42287	46918	52811
18. Tripura	..	..	1464	..	..	..
19. Uttar Pradesh	17990	44920	70051	79525	91036	94200
20. West Bengal	11070	22290	54328	59831	64556	66570
21. Delhi	1750	4590	10925	11452	12641	..
22. Goa, Daman & Diu	..	..	1517	1714	1948	..
23. Pondicherry	..	..	..	706	..	..
24. All India	133350	318770	616440	668850	747940	800900

.. not available
Source: C. S. O.

6.21 Estimates of total net State domestic product of the States for the years 1960-61 to 1978-79 (at 1970-71 prices)

(Rs. million)

State	* 1960-61	* 1969-70	1975-76	1976-77	1977-78	1978-79
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Andhra Pradesh *	9830	11910	16014	14990	16724	18003
2. Assam	2680	3770	9421	9513	10309	10435
3. Bihar	9930	11230	25334	26390	27440	..
4. Gujarat	7380	9970	23660	24590	..	..
5. Haryana*	2450	4130	5221	5641	5933	6552
6. Himachal Pradesh	..	1110	2810	2662	2888	2986
7. Jammu and Kashmir *	..	..	1706	1837	1938	2164
8. Karnataka	5560	8340	22523	20668	24134	24723
9. Kerala	4320	6000	13251	12987	13574	..
10. Madhya Pradesh	8320	10040	21980	21044	24365	23068
11. Maharashtra*	15970	20640	26720	28424	30285	..
12. Manipur	120	200	603	609	659	..
13. Orissa	3740	5550	12613	11297	12701	..
14. Punjab	4110	6810	16757	17593	18936	20357
15. Rajasthan *	5590	6560	8852	9188	9253	9779
16. Tamil Nadu	11120	13490	26117	26146	29118	32240
17. Tripura*	..	..	674	..	..	..
18. Uttar Pradesh	17990	23100	46111	46777	49887	51591
19. West Bengal	11070	14670	37069	37362	37896	39718
20. Delhi*	1750	2770	3992	4113	4310	..
21. Goa, Daman & Diu	..	..	1149	1185	1259	..
22. Meghalaya	..	..	..	..	..	..
23. All India	133350	182020	400110	405340	438570	456370

* at 1960-61 prices
.. not available
Source: C. S. O.

6.22 Estimates of per capita net state domestic product (State Income) of different states (at current prices)

State	1960-61	1969-70	1975-76	1976-77	1977-78	1978-79
1. Andhra Pradesh ..	275	521	903	901	999	1027
2. Assam ..	315	491	776	881	932	960
3. Bihar ..	215	403	661	700	735	..
4. Gujarat ..	362	696	1215	1340	..	..
5. Haryana ..	327	811	1274	1466	1600	..
6. Himachal Pradesh ..	..	586	1078	1029	1178	1267
7. Jammu & Kashmir ..	..	..	883	897	986	1145
8. Karnataka ..	286	495	1005	999	1129	1146
9. Kerala ..	259	541	907	948	987	..
10. Madhya Pradesh ..	260	469	769	759	905	854
11. Maharashtra ..	409	752	1377	1498	1628	..
12. Manipur ..	155	425	798	770	799	..
13. Meghalaya ..	..	..	..	..	..	..
14. Orissa ..	217	491	747	696	857	..
15. Punjab ..	374	945	1597	1812	1962	2101
16. Rajasthan ..	284	497	850	884	948	1017
17. Tamil Nadu ..	334	536	840	948	1036	1151
18. Tripura ..	..	..	813	..	..	..
19. Uttar Pradesh ..	246	522	730	815	916	930
20. West Bengal ..	321	522	1116	1202	1268	1279
21. Delhi ..	668	1203	2223	2234	2364	..
22. Goa, Daman & Diu ..	..	..	1615	1791	2000	..
23. Pondicherry ..	..	..	..	1342	..	..
24. All India ..	306	598	1021	1086	1189	1249

NOTE : Owing to the differences in methodology and source material used the figures for different states are not strictly comparable—
.. Not available.

Source: C. S. O.

6.23 Estimates of per capita net state domestic product (State Income) of different states (at constant—1970-71) prices.

State	1960-61	1969-70	1975-76	1976-77	1977-78	1978-79
1. Andhra Pradesh* ..	275	283	333	305	332	349
2. Assam ..	251	280	564	553	582	572
3. Bihar ..	215	206	413	422	430	..
4. Gujarat ..	262	389	802	817	..	..
5. Haryana* ..	327	429	462	486	498	537
6. Himachal Pradesh ..	..	331	738	686	729	739
7. Jammu & Kashmir* ..	..	..	329	345	355	386
8. Karnataka ..	238	289	702	631	723	726
9. Kerala ..	259	292	564	542	557	..
10. Madhya Pradesh ..	260	250	467	436	494	458
11. Maharashtra* ..	409	425	484	504	527	..
12. Manipur ..	155	198	487	476	500	..
13. Orissa ..	217	261	520	455	501	..
14. Punjab ..	374	470	1133	1166	1231	1298
15. Rajasthan* ..	284	271	305	309	303	313
16. Tamil Nadu ..	334	335	594	586	643	702
17. Tripura* ..	..	..	374	..	..	..
18. Uttar Pradesh ..	246	269	481	479	501	509
19. West Bengal ..	321	344	761	750	784	763
20. Delhi* ..	668	726	812	802	806	..
21. Goa, Daman & Diu ..	..	..	1224	1238	1293	..
22. Meghalaya ..	..	..	..	..	..	..
23. Pondicherry ..	..	..	..	N.A.	..	..
All India ..	306	341	662	658	697	712

* at constant (1960-61) Prices.

.. not available.

Source: C. S. O.

VII. EXPENDITURE

7.1 Distribution of sample households by monthly per-capita expenditure classes 1969-70 Kerala

Monthly per-capita expenditure class in Rs.	No. of sample households		
	Rural	Urban	State
(1)	(2)	(3)	(4)
0-8	4	2	6
8-11	16	5	21
11-13	26	6	32
13-15	59	12	71
15-18	114	24	138
18-21	149	32	181
21-24	134	26	160
24-28	195	48	243
28-34	229	37	266
34-43	197	57	254
43-55	109	47	156
55-75	97	45	142
75 and above	64	98	162
All classes	1393	439	1832

Source: N. S. S. 24th round.

7.2 Average number of persons per household by monthly per-capita expenditure classes and by sectors 1969-70 Kerala

Monthly per-capita expenditure class in Rs.	Average number of person per household		
	Rural	Urban	State
0-8	7.25	9.50	7.76
8-11	5.85	9.21	6.38
11-13	6.88	8.83	7.12
13-15	7.98	6.42	7.00
15-18	6.57	7.00	6.62
18-21	6.46	7.72	6.61
21-24	6.53	7.04	6.58
24-28	6.23	7.18	6.35
28-34	5.45	5.91	5.49
34-43	5.35	5.55	5.38
43-55	5.35	5.72	5.42
55-75	5.10	4.94	5.07
75 and above	4.85	2.46	3.84
All classes	5.93	5.80	5.90

Sources: N. S. S. 24th round.

7.3 Distribution of estimated number of households by monthly per-capita expenditure 1969-70 Kerala

Monthly per-capita expenditure class in Rs.	Percentage of estimated number of households		
	Rural	Urban	State
(1)	(2)	(3)	(4)
0-8	0.31	0.55	0.34
8-11	1.18	1.37	1.21
11-13	2.01	1.64	1.95
13-15	4.45	3.29	4.29
15-18	8.59	6.58	8.31
18-21	10.93	8.78	10.63
21-24	10.03	7.13	9.62
24-28	14.59	12.47	14.28
28-34	16.80	9.68	15.80
34-43	13.82	14.48	13.91
43-55	7.49	9.68	7.80
55-75	6.10	7.99	6.37
75 and above	3.70	16.36	5.49
All classes	100.00	100.00	100.00

Source: N. S. S. 24th round

7.4 Percentage distribution of estimated number of persons by monthly per-capita expenditure 1969-70, Kerala

Monthly per-capita expenditure class in Rs.	Percentage of estimated number of persons		
	Rural	Urban	State
0-8	0.38	0.90	0.45
8-11	1.17	2.18	1.31
11-13	2.33	2.51	2.36
13-15	5.31	3.64	5.08
15-18	9.53	7.94	9.31
18-21	11.92	11.68	11.80
21-24	11.05	8.65	10.72
24-28	15.34	15.44	15.35
28-34	15.45	9.87	14.68
34-43	12.48	13.86	12.66
43-55	6.76	9.56	7.15
55-75	5.25	6.82	5.46
75 and above	3.03	6.95	3.58
All classes	100.00	100.00	100.00

Source: N. S. S. 24th round.

7.5 Consumer Expenditure in Rs. (0.00) per person for a period of 30 days by broad groups of items of consumption and by percapita expenditure classes—1969-70 Kerala—Rural

Expenditure classes	Cereals	Grams	Cereal substitutes	Pulses	Milk & milk products	Edible Oil	Meat, fish and eggs	Vegetables	Fruits and nuts	Sugar	Salt	Spices	Beverages & refreshments	Food Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0-8	3.71	..	0.25	..	..	0.18	0.22	0.01	0.33	0.09	0.03	0.26	0.73	8.81
8-11	3.53	..	1.27	0.03	0.03	0.28	0.71	0.10	0.39	0.22	0.03	0.49	0.88	7.96
11-13	3.80	0.01	1.28	0.01	0.01	0.36	0.80	0.11	0.53	0.37	0.03	0.55	1.15	9.01
13-15	5.75	0.01	1.27	0.04	0.14	0.37	0.83	0.15	0.72	0.38	0.04	0.68	1.04	11.42
15-18	6.15	0.03	1.41	0.08	0.23	0.55	0.88	0.59	0.72	0.43	0.04	0.98	1.43	13.52
18-21	7.55	0.08	1.52	0.12	0.27	0.68	1.17	0.31	0.88	0.48	0.05	0.87	1.66	15.64
21-24	7.82	0.09	1.56	0.15	0.52	0.75	1.23	0.59	1.09	0.59	0.05	0.99	2.28	17.71
24-28	8.94	0.16	1.66	0.19	0.61	1.88	1.44	0.84	1.31	0.69	0.05	1.14	2.39	20.30
28-34	9.91	0.11	1.85	0.23	1.14	0.95	1.58	1.00	1.48	0.79	0.13	1.28	2.65	23.10
34-43	12.31	0.14	1.44	0.40	1.63	1.32	1.85	1.15	1.90	1.01	0.07	1.46	3.03	27.71
43-55	12.85	0.15	1.81	0.47	2.54	1.49	2.63	1.38	2.36	1.22	0.07	1.62	4.94	33.53
55-75	16.62	0.19	1.44	0.81	4.13	2.13	4.14	1.51	3.17	1.44	0.08	2.10	4.40	42.16
75 and above	21.94	0.12	1.13	1.29	8.18	3.07	5.77	2.32	5.63	2.38	0.11	2.72	7.21	61.88
All classes	9.64	0.11	1.55	0.27	1.23	1.00	1.70	0.84	1.51	0.78	0.07	1.22	2.62	22.54

(Contd...)

7.5 (Continued)

Expenditure classes	Pan, tobacco and intoxicants	Fuel and light	Clothing	Footwear	Miscellaneous goods and services	Rents	Taxes	Durable goods	Pet animals	Nonfood total	Total Consumer expenditure
(1)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
0-8	0.27	0.60	..	..	0.22	..	..	..	..	1.09	6.90
8-11	0.30	1.06	..	..	0.42	0.05	..	..	..	0.83	9.79
11-13	0.93	1.32	0.06	..	1.00	..	..	..	..	3.31	12.32
13-15	0.54	1.10	0.12	..	0.92	..	..	..	..	2.68	14.10
15-18	0.99	1.40	0.12	..	1.32	0.02	..	0.01	..	3.86	17.38
18-21	0.87	1.45	0.13	0.10	1.40	0.01	..	0.07	0.01	4.04	19.68
21-24	1.14	1.52	0.23	0.01	2.03	0.01	..	0.03	..	4.97	22.68
24-28	1.23	1.76	0.44	0.02	2.27	0.02	..	0.03	0.01	5.78	26.08
28-34	1.44	1.91	0.77	0.02	3.34	0.02	0.01	0.10	0.01	7.62	30.72
34-43	1.58	2.24	1.14	0.05	5.14	0.05	0.01	0.23	0.02	10.43	38.14
43-55	2.00	2.42	1.38	0.07	8.22	0.16	0.02	0.41	0.27	14.95	48.48
55-75	2.89	3.06	2.85	0.24	9.79	0.21	0.11	1.01	0.25	20.41	62.57
75 and above	2.36	4.03	7.99	0.46	24.21	0.85	0.34	6.92	0.19	47.35	109.23
All classes	1.35	1.86	0.87	0.06	3.90	0.07	0.02	0.35	0.04	8.52	31.06

Source: N. S. S. 24th round.

7.6 Consumer Expenditure in Rs. (0.00) per person for a period of 30 days by broad groups of items of consumption and by percapita expenditure class 1969-70 Kerala-Urban

Expenditure classes	Cereals	Grams	Cereal substitutes	Pulses	Milk & milk products	Edible Oil	Meat, fish and eggs	Vegetables	Fruits and nuts	Sugar	Salt	Spices	Beverages & refreshments	Food Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0-8	3.08	..	0.31	..	..	0.22	0.26	0.02	..	0.10	0.02	0.37	1.63	6.01
8-11	3.37	..	0.82	0.05	..	0.32	0.54	0.12	0.46	0.28	0.03	0.56	1.29	7.84
11-13	5.09	0.06	0.93	0.09	..	0.31	0.85	0.16	0.44	0.33	0.04	0.50	1.35	10.15
13-15	5.64	..	0.93	0.11	0.30	0.37	0.99	0.10	0.53	0.14	0.04	0.63	1.43	11.21
15-18	6.24	0.04	1.03	0.09	0.20	0.63	1.23	0.22	0.83	0.39	0.04	0.74	1.52	13.20
18-21	6.81	0.08	1.24	0.11	0.44	0.64	1.29	0.52	0.94	0.49	0.04	0.79	1.61	15.00
21-24	7.09	0.17	1.01	0.27	0.62	0.80	1.55	0.53	1.23	0.64	0.04	0.97	2.10	17.02
24-28	8.37	0.07	0.94	0.38	0.76	1.08	1.60	0.59	1.31	0.71	0.04	1.12	2.21	19.18
28-34	10.60	0.16	1.51	0.29	0.88	0.96	1.79	0.67	1.36	0.86	0.06	1.33	3.14	23.61
34-43	11.91	0.15	1.63	0.46	1.70	1.26	2.34	0.89	1.64	0.90	0.06	1.47	3.44	27.85
43-55	14.95	0.12	0.55	1.01	2.99	2.06	2.66	1.36	2.07	1.30	0.06	1.62	3.41	34.16
55-75	12.95	0.13	0.66	0.85	5.73	1.91	3.30	1.43	2.60	1.54	0.06	1.93	4.98	38.07
75 and above	12.57	0.31	0.16	0.88	8.73	3.51	5.75	2.25	3.94	1.78	0.06	2.26	22.40	64.60
All classes	9.52	0.12	1.02	0.42	1.86	1.23	2.08	0.80	1.53	0.83	0.05	1.24	3.99	..

7.6 (Continued)

Expenditure classes	Pan, tobacco and intoxicants	Fuel and light	Clothing	Footwear	Miscellaneous goods and services	Rent	Taxes	Durable goods	Pet animals	Nonfood total	Total Consumer expenditure
(1)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
0-8	0.23	0.87	..	..	0.70	..	..	..	..	1.80	7.81
8-11	0.35	0.88	..	..	0.87	0.09	..	..	..	2.19	10.03
11-13	0.61	1.34	..	..	0.89	..	..	..	..	2.84	12.99
13-15	0.26	1.20	..	..	1.12	0.41	..	..	..	2.99	14.20
15-18	0.61	1.52	0.05	..	1.16	0.09	..	0.03	..	3.46	16.66
18-21	0.75	1.52	0.06	..	1.85	0.31	..	0.08	..	4.57	19.57
21-24	1.18	1.75	0.41	..	1.82	0.11	..	0.01	..	5.28	22.30
24-28	1.01	1.78	0.42	0.02	2.75	0.25	..	0.01	..	6.24	25.42
28-34	1.11	2.03	0.76	..	0.97	0.27	..	0.01	..	7.10	30.71
34-43	1.26	2.54	1.42	0.02	4.55	0.54	..	0.01	0.14	10.48	38.33
43-55	1.38	3.04	2.76	0.03	5.92	0.80	0.02	0.10	0.05	14.10	48.26
55-75	1.65	3.70	5.30	0.14	12.91	1.16	0.02	0.07	0.01	24.96	63.03
75 and above	4.43	4.34	7.20	0.43	29.71	4.88	0.37	3.01	0.12	54.49	119.09
All classes	1.25	2.23	1.51	0.05	5.41	0.70	0.03	0.24	0.03	11.46	36.15

Source: N. S. S. 24th round.

7.7 Consumer expenditure in Rs.(0.00) per person for a period of 30 days by broad groups of items of consumption and by per capita expenditure classes 1969-70 Kerala (State)

Expenditure classes	Cereals	Grams	Cereal substitutes	Pulses	Milk & milk products	Edible Oil	Meat, fish and eggs	Vegetables	Fruits and nuts	Sugar	Salt	Spices	Beverages & refreshments	Food Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0-8	3.53	..	0.27	..	..	0.19	0.23	0.01	0.24	0.10	0.02	0.29	0.98	5.86
8-11	3.49	..	1.17	0.04	0.02	0.29	0.67	0.10	0.40	0.23	0.03	0.51	0.98	7.93
11-13	3.99	0.02	1.23	0.02	0.01	0.34	0.81	0.13	0.51	0.35	0.03	0.54	1.28	9.26
13-15	5.74	0.01	1.23	0.05	0.16	0.37	0.85	0.14	0.70	0.36	0.04	0.67	1.08	11.40
15-18	6.16	0.03	1.36	0.08	0.23	0.56	0.92	0.55	0.73	0.43	0.04	0.95	1.44	13.48
18-21	7.46	0.08	1.48	0.12	0.29	0.68	1.18	0.34	0.89	0.48	0.05	0.86	1.65	15.56
21-24	7.74	0.10	1.50	0.17	0.53	0.76	1.26	0.58	1.11	0.59	0.05	0.99	2.26	17.64
24-28	8.86	0.15	1.56	0.21	0.63	0.91	1.46	0.80	1.31	0.70	0.05	1.14	2.36	20.14
28-34	9.97	0.11	1.82	0.24	1.12	0.95	1.60	0.97	1.47	0.80	0.12	1.29	2.69	23.15
34-43	12.25	0.14	1.47	0.41	1.64	1.32	1.93	1.11	1.87	0.99	0.06	1.46	3.09	27.74
43-55	13.24	0.14	1.58	0.58	2.62	1.60	2.63	1.38	2.31	1.23	0.07	1.62	4.65	33.65
55-75	15.98	0.18	1.30	0.82	4.41	2.09	3.99	1.50	3.07	1.46	0.07	2.08	4.50	41.45
75 and above	19.42	0.17	0.87	1.18	8.33	3.19	5.77	2.30	5.18	2.22	0.09	2.59	11.31	62.62
Total	9.63	0.11	1.48	0.29	1.32	1.03	1.75	0.83	1.52	0.79	0.06	1.23	2.81	22.85

7.7 (Continued)

Expenditure Classes	Pan, tobacco and intoxicants	Fuel and light	Clothing	Footwear	Miscellaneous goods and services	Rent	Taxes	Durable goods	Pet animals	Nonfood total	Total Consumer expenditure
(1)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
0-8	0.26	0.67	..	..	0.36	..	..	..	..	1.29	7.15
8-11	0.32	1.02	..	..	0.52	0.06	..	..	..	1.92	9.85
11-13	0.88	1.32	0.05	..	0.99	..	..	..	..	3.24	12.50
13-15	0.52	1.11	0.10	..	0.94	0.04	..	..	..	2.71	14.11
15-18	0.93	1.42	0.12	..	1.30	0.02	..	0.02	..	3.81	17.29
18-21	0.86	1.46	0.12	0.08	1.46	0.05	..	0.07	0.01	4.11	19.67
21-24	1.14	1.55	0.25	0.01	2.01	0.02	..	0.02	..	5.00	22.64
24-28	1.20	1.76	0.44	0.02	2.33	0.06	..	0.03	0.01	5.85	25.99
28-34	1.41	1.92	0.77	0.02	3.30	0.04	0.01	0.09	0.01	7.57	30.72
34-43	1.54	2.25	1.18	0.04	5.04	0.13	0.01	0.20	0.04	10.43	38.17
43-55	1.88	2.53	1.64	0.06	7.79	0.28	0.02	0.36	0.23	14.79	48.44
55-75	2.68	3.17	3.28	0.22	10.33	0.38	0.09	0.85	0.20	21.20	62.65
75 and above	2.91	4.12	7.78	0.46	25.69	1.93	0.35	5.86	0.17	49.27	111.89
Total	1.34	1.91	0.96	0.06	4.11	0.15	0.02	0.34	0.04	8.93	31.78

Source: N. S. S. 24th round.

7.8 Per-capita consumer expenditure for a period of 30 days by per-capita expenditure classes and by sectors 1969-70 Kerala

Per-capita expenditure classes	Per-capita expenditure in Rs.		
	Rural	Urban	State
0-8	6.90	7.81	7.15
8-11	9.79	10.03	9.85
11-13	12.32	12.99	12.50
13-15	14.10	14.20	14.11
15-18	17.38	16.66	17.29
18-21	19.68	19.57	19.67
21-24	22.68	22.30	22.64
24-28	26.08	25.42	25.99
28-34	30.72	30.71	3.72
34-43	38.14	38.33	38.17
43-55	48.48	48.26	48.44
55-75	62.57	63.03	62.65
75 and above	109.23	119.09	111.89
All classes	31.06	36.15	31.78

Source: N. S. S. 24th round

7.9 Percentage distribution of total consumer expenditure among various items of consumption 1969-70 Kerala

Items	Rural	Urban	State
1 Cereals	31.04	26.34	30.30
2 Grams	0.35	0.33	0.35
3 Cereal substitutes	4.99	2.82	4.66
4 Pulses	0.87	1.16	0.91
5 Milk & milk products	3.96	5.15	4.15
6 Edible oil	3.22	3.40	3.24
7 Meat, fish and eggs	5.47	5.75	5.51
8 Vegetables	2.70	2.21	2.61
9 Fruits and Nuts	4.86	4.23	4.78
10 Sugar	2.51	2.30	2.49
11 Salt	0.23	0.14	0.19
12 Spices	3.93	3.43	3.87
13 Beverages & refreshments	8.44	11.04	8.84
14 Food total	72.57	68.30	71.90
15 Pan, tobacco and intoxicant	4.35	3.49	4.22
16 Fuel and lights	5.99	6.16	6.01
17 Clothing	2.80	4.18	3.02
18 Footwear	0.19	0.14	0.19
19 Miscellaneous goods and services	12.55	14.97	12.93
20 Rent	0.23	1.94	0.47
21 Taxes	0.06	0.08	0.06
22 Durable goods	1.13	0.66	1.07
23 Pet animals	0.13	0.08	0.13
24 Non-food total	27.43	31.70	28.10
25 Total consumer expenditure	100.00	100.00	100.00

Source: N. S. S. 24th round

7.10 Monthly Per-capita expenditure in Rupees (0.00) for a period of 30 days by items of consumption 1969-70 Kerala.

Items	Rural	Urban	State
1 Cereals	9.64	9.52	9.63
2 Gram	0.11	0.12	0.11
3 Cereal substitutes	1.55	1.02	1.48
4 Pulses	0.27	0.42	0.29
5 Milk, milk products	1.23	1.86	1.32
6 Edible oil	1.00	1.23	1.03
7 Meat, fish and eggs	1.70	2.08	1.75
8 Vegetables	0.84	0.80	0.83
9 Fruits and nuts	1.51	1.53	1.52
10 Sugar	0.78	0.83	0.79
11 Salt	0.07	0.05	0.06
12 Spices	1.22	1.24	1.23
13 Beverages and refreshment	2.62	3.99	2.81
14 Food total	22.54	24.69	22.85
15 Pan, tobacco and intoxicants	1.35	1.26	1.34
16 Fuel and light	1.86	2.23	1.91
17 Clothing	0.87	1.51	0.96
18 Footwear	0.06	0.05	0.06
19 Miscellaneous goods and services	3.90	5.41	4.11
20 Rent	0.07	0.70	0.15
21 Taxes	0.02	0.03	0.02
22 Durable goods	0.35	0.24	0.34
23 Pet animals	0.04	0.03	0.04
24 Non food total	8.52	11.46	8.93
25 Total consumer expenditure	31.06	36.15	31.78

Source: N. S. S. 24th round

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

RURAL & URBAN (COMBINED)

Monthly per capita expenditure classes	No. of sample households	Percentage distribution of estimated number of households	Distributed number per household			Total person
			Adult males	Adult females	Children	
0-13	..	..	2.00	3.00	5.00	10.00
13-15	1	0.14	0.80	1.40	2.40	4.60
15-18	5	0.61	1.67	2.00	3.67	7.34
18-21	18	2.15	2.25	2.50	3.88	8.63
21-24	28	3.41	1.75	2.11	3.22	7.08
24-28	36	4.44	1.85	2.13	3.06	7.04
28-34	88	10.85	1.82	2.03	2.58	6.43
34-43	155	18.97	1.90	1.90	2.40	6.20
43-55	189	22.89	1.72	1.84	1.99	5.55
55-75	158	18.76	1.88	1.67	2.25	5.80
75-100	90	10.47	1.54	1.49	0.97	4.00
100-150	39	4.49	1.57	0.86	..	2.43
150-200	14	1.51	1.46	1.00	0.31	2.77
200 & above	13	1.31	1.80	1.88	2.37	6.05
All classes	834	100.00				

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

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

RURAL

Monthly per capita expenditure classes	No. of sample households	Percentage distribution of estimated number of households	Estimated number per households			Total person
			Adult males	Adult females	Children	
0-13	..	..	2.00	3.00	5.00	10.00
13-15	1	0.17	1.00	1.25	1.50	3.75
15-18	4	0.65	1.62	1.92	3.46	7.00
18-21	13	2.11	1.95	2.05	3.45	7.45
21-24	22	3.57	1.64	2.03	3.33	7.00
24-28	30	4.86	1.88	2.07	3.10	7.05
28-34	73	11.83	1.86	2.06	2.54	6.46
34-43	125	20.26	1.81	1.83	2.22	5.86
43-55	146	23.66	1.62	1.77	1.88	3.27
55-75	112	18.13	1.75	1.60	1.86	5.21
75-100	58	9.40	1.83	1.67	1.08	4.58
100-150	24	3.89	1.33	0.83	..	2.16
150-200	6	0.97	1.33	0.67	..	2.00
200 and above	3	0.48	1.77	1.87	2.34	5.98
All classes	617	100.00				

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

URBAN

Monthly per capita expenditure classes	No. of sample households	Percentage distribution of estimated number of households	Estimated number per households			Total persons
			Adult males	Adult females	Children	
0-13	..	..	..	..	..	..
13-15	..	..	..	..	..	..
15-18	1	0.46	..	2.00	6.00	8.00
18-21	5	2.30	1.80	2.20	4.20	8.20
21-24	6	2.76	1.83	2.50	2.83	7.16
24-28	6	2.76	2.33	2.50	2.67	7.50
28-34	15	6.91	1.73	2.40	2.87	7.00
34-43	30	13.82	1.63	1.90	2.77	6.30
43-55	43	19.82	2.05	2.05	2.93	7.03
55-75	46	21.20	1.98	2.02	2.26	6.26
75-100	32	14.75	2.10	1.81	2.32	6.23
100-150	15	6.91	1.07	1.20	0.80	3.07
150-200	8	3.69	1.75	0.88	..	2.63
200 and above	10	4.62	1.50	1.10	0.40	3.00
All classes	217	100.0	1.84	1.89	2.34	6.07

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

RURAL & URBAN COMBINED

Number of sample Villages 360

Items Monthly per capita expenditure class in Rupees

(1)	Monthly per capita expenditure class in Rupees															
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
	0-13	13-15	15-18	18-21	21-24	24-28	28-34	34-43	43-55	55-75	75-100	100-150	150-200	200 & above	All Classes	
1. Cereals	..	7.20	7.95	7.75	10.03	11.55	13.42	16.67	20.18	23.72	30.37	33.67	31.96	34.49	19.48	
2. Gram	0.04	0.02	0.00	0.06	0.12	0.31	0.54	0.26	0.88	0.47	..	0.22	
3. Cereal substitutes	..	2.50	1.04	2.89	3.36	2.69	2.41	3.08	3.30	3.12	3.70	4.38	0.88	3.90	3.10	
4. Pulse and products	..	0.11	0.12	0.02	0.06	0.04	0.13	0.22	0.28	0.49	0.76	1.25	1.59	1.65	0.39	
5. Milk and Products	0.25	0.15	0.18	0.44	0.73	0.99	2.97	3.50	7.62	7.18	11.50	1.26	
6. Edible Oil	..	0.31	0.53	0.43	0.84	0.70	1.07	1.40	1.58	2.77	2.56	3.98	3.87	7.16	1.43	
7. Meat, Fish and Egg	..	0.40	0.44	0.91	1.03	1.23	1.54	1.79	2.19	2.76	3.76	4.35	6.38	10.16	1.97	
8. Vegetables	..	0.37	0.30	0.38	0.39	0.46	0.63	0.89	1.09	1.45	1.46	2.92	2.20	3.88	0.98	
9. Fruits and Nuts	0.41	0.77	0.88	1.21	1.56	1.94	2.28	3.04	4.25	3.71	6.76	9.76	2.12	
10. Sugar	..	0.11	0.13	0.50	0.61	0.63	0.76	0.91	1.12	1.49	1.62	2.79	3.82	3.84	0.98	
11. Salt	..	0.03	0.05	0.05	0.06	0.06	0.07	0.08	0.07	0.09	0.08	0.10	0.09	0.16	0.07	
12. Spices	..	0.48	0.68	0.57	0.86	0.92	1.00	1.16	1.26	2.67	1.49	2.55	2.87	2.59	2.32	
13. Beverages & Refreshment	..	0.38	1.34	1.25	1.30	1.94	2.58	2.72	3.16	4.41	4.41	7.86	24.99	28.18	2.82	
14. Food Total	..	11.89	12.99	15.81	19.59	21.61	25.62	31.58	37.35	48.28	58.22	75.96	93.06	117.27	35.78	
15. Pan, Tobacco & Intoxicants	..	1.19	0.67	0.77	0.73	0.82	1.05	1.46	1.36	1.92	1.58	2.98	3.08	3.56	1.24	
16. Fuel and Light	..	1.20	1.75	1.41	1.53	1.75	2.00	2.52	2.58	5.21	3.06	5.89	8.93	7.14	2.36	
17. Clothing	0.15	0.21	0.20	0.31	0.81	1.34	2.64	4.94	3.08	35.82	1.09	
18. Foot wear	0.00	0.01	0.02	0.14	0.17	0.63	0.05	1.83	0.06	
19. Miscellaneous goods and series	..	0.37	1.05	1.44	0.77	1.33	2.00	2.47	3.77	5.62	10.25	18.95	11.53	53.48	4.76	
20. Rent	0.05	..	0.03	0.32	0.06	0.65	12.13	3.00	0.16	
21. Tax	0.01	0.00	0.08	0.06	0.44	..	1.00	0.08	
22. Durable goods	0.06	..	0.02	0.19	0.01	0.14	0.00	0.53	1.50	13.17	6.11	0.30	
23. Non-food Total	..	2.76	3.47	3.68	3.18	4.13	5.49	6.79	8.71	14.57	18.35	35.99	59.97	111.94	10.00	
24. Total Consumer Expenditure	..	14.65	16.46	19.49	22.77	25.75	31.11	38.37	46.06	62.85	76.57	111.95	153.03	229.21	45.78	
25. Number of Sample Households	..	1	5	18	28	36	88	155	189	158	90	39	14	13	834	

7.15. Consumer expenditure (Rs. 0.00) per person for a period of 30 days by broad groups of items and by monthly per capita expenditure classes, 1973-74 Kerala

No. of sample villages: 360

RURAL

Items	Monthly per capita expenditure class in Rupees														
	0-13	13-15	15-18	18-21	21-24	24-28	28-34	34-43	43-55	55-75	75-100	100-150	150-200	200 & above	All Classes
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1. Cereal	..	7.20	7.94	7.58	10.03	11.37	13.53	16.64	20.22	24.30	32.90	36.26	48.75	56.24	19.38
2. Gram	0.05	0.01	0.01	0.05	0.12	0.33	0.64	0.20	0.64	1.15	..	0.21
3. Cereal substitutes	..	2.50	0.69	3.11	2.62	2.85	2.49	3.21	3.44	3.53	4.18	5.19	2.30	10.00	3.28
4. Pulses & products	..	0.11	0.15	0.02	0.07	0.04	0.12	0.20	0.27	0.61	0.73	1.24	0.58	3.28	0.26
5. Milk & milk products	0.31	0.13	0.16	0.41	0.73	0.93	3.78	3.24	7.20	5.15	6.42	1.10
6. Edible oil	..	0.31	0.52	0.38	0.81	0.67	1.08	1.40	1.52	3.38	2.51	3.72	3.56	4.37	1.35
7. Meat, fish & egg	..	0.40	0.28	0.92	1.01	1.24	1.55	1.81	2.12	3.15	3.47	4.60	7.17	12.35	1.86
8. Vegetables	..	0.37	0.30	0.41	0.40	0.40	0.62	0.89	1.06	1.70	1.45	2.50	3.61	2.49	0.87
9. Items & nuts	0.23	0.76	0.85	1.25	1.53	2.01	2.22	3.58	4.43	3.27	11.54	11.00	2.05
10. Sugar	..	0.11	0.10	0.56	0.61	0.63	0.73	0.90	1.07	1.75	1.55	2.43	1.53	1.45	0.90
11. Salt	..	0.03	0.06	0.06	0.06	0.06	0.07	0.08	0.07	0.11	0.08	0.11	1.57	0.17	0.07
12. Spices	..	0.48	0.71	0.54	0.87	0.89	0.99	1.14	1.33	3.52	1.54	2.70	3.24	2.02	1.11
13. Beverages and refreshments	..	0.38	1.58	1.09	1.27	2.05	2.52	2.56	2.54	3.31	4.25	4.41	20.41	38.33	2.47
14. Food total	..	11.89	12.56	15.79	18.74	21.62	25.69	31.69	37.12	53.35	60.53	74.27	110.56	148.06	34.91
15. Pan, tobacco and intoxicants	..	1.19	0.79	0.80	0.86	0.87	1.08	1.52	1.34	2.43	1.49	3.30	5.58	4.02	1.24
16. Fuel & light	..	1.20	1.89	1.42	1.60	1.65	1.99	2.45	2.51	4.02	2.72	5.33	12.11	4.21	2.25
17. Clothing	0.15	0.18	0.19	0.25	0.87	1.41	2.82	5.04	..	13.33	0.92
18. Foot wear	0.10	0.01	0.02	0.20	0.22	0.48	..	1.50	0.05
19. Miscellaneous goods and service	..	0.37	1.06	1.45	0.74	1.66	1.97	2.42	3.75	4.39	9.55	17.14	18.31	97.17	4.25
20. Rents	0.05	..	..	0.13	..	..	1.92	4.17	0.00
21. Taxes	0.01	..	0.01	0.06	0.45	..	..	0.06
22. Durable goods	0.07	..	0.02	0.21	0.01	0.05	0.10	0.71	1.72	25.38	..	0.24
23. Non-Food Total	..	2.76	3.74	3.74	3.15	4.38	5.49	6.67	8.54	12.60	17.57	33.96	63.30	124.40	9.08
24. Total consumer expenditure	..	14.65	16.30	19.58	21.89	26.00	31.18	38.36	45.66	65.95	78.10	108.22	173.86	272.46	43.94
25. Number of sample households	..	1	4	13	22	30	73	125	146	112	57	24	6	3	617

7.16. Consumer expenditure (Rs. 0.00) per person for a period of 30 days by broad groups of items and by monthly per capita expenditure classes, 1973-74 Kerala

URBAN

No. of sample villages 360

Items	Monthly per capita expenditure class in Rupees														
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	0-13	13-15	15-18	18-21	21-24	24-28	28-34	34-43	43-55	55-75	75-100	100-150	150-200	200 & above	All Classes
1. Cereal	7.98	8.47	10.03	12.43	12.28	16.86	19.94	22.52	28.84	21.46	21.64	30.06	20.07
2. Gram	0.01	..	0.14	0.05	0.24	0.32	0.42	2.04	0.05	..	0.28
3. Cereal Substitutes	2.50	1.91	1.33	1.97	1.51	2.01	2.50	2.24	2.25	0.54	..	2.71	2.08
4. Pulses & Products	0.06	..	0.20	0.38	0.31	0.26	0.85	1.29	2.22	1.34	0.44
5. Milk & Products	0.31	0.30	0.76	0.78	1.34	1.26	4.30	9.64	8.45	12.53	2.18
6. Edible Oil	0.60	0.58	1.03	0.90	0.98	1.41	1.78	1.50	2.69	5.22	4.06	7.71	1.85
7. Meat, Fish & Egg	1.13	0.68	1.20	1.22	1.47	1.61	2.56	1.94	4.62	3.19	5.89	9.42	2.58
8. Vegetables	0.30	0.26	0.32	0.72	0.68	0.84	1.22	0.97	1.48	4.31	1.33	4.20	1.20
9. Fruits & Nuts	1.13	0.78	1.12	1.00	1.95	1.49	2.62	1.93	3.82	5.81	3.82	9.52	2.55
10. Sugar	0.26	0.26	0.64	0.64	1.14	0.94	1.38	0.94	1.81	4.50	5.25	4.33	1.41
11. Salt	0.04	0.04	0.05	0.05	0.07	0.06	0.09	0.05	0.06	0.08	0.05	0.16	0.07
12. Spices	0.53	0.71	0.81	1.05	1.04	1.27	1.39	0.89	1.32	1.85	1.59	2.71	1.22
13. Beverages & Refreshments	0.31	1.96	1.56	1.43	2.63	2.75	3.66	2.84	4.90	24.17	28.98	26.11	4.79
14. Food Total	14.78	15.95	18.47	21.71	24.85	30.45	39.03	37.66	57.36	84.10	83.28	110.80	40.72
15. Pan, Tobacco and Intoxicants	0.19	0.65	0.50	0.55	0.74	0.91	1.49	0.86	1.45	1.47	1.53	3.45	1.21
16. Fuel & Light	1.18	1.41	1.74	2.24	2.12	3.04	2.99	7.78	4.06	6.18	6.98	7.73	2.98
17. Clothing	0.18	0.33	0.35	0.80	0.47	1.21	2.09	4.47	5.00	40.15	2.00
18. Foot Wear	0.04	12.39	1.36	..	1.89	0.10
19. Miscellaneous goods and services	1.00	1.38	1.01	2.15	2.35	2.97	3.89	8.17	0.26	27.50	20.37	45.25	7.62
20. Rents	0.23	0.71	0.07	3.81	19.69	2.79	0.76
21. Taxes	0.01	0.04	..	0.39	..	1.18	0.06
22. Durable Goods	0.61	..	..	0.48	21.38	7.27	0.67
23. Non-Food Total	2.37	3.44	3.43	5.27	5.56	7.72	9.59	18.81	20.72	45.66	74.95	109.71	15.40
24. Total Consumer Expenditure	17.15	19.39	21.90	26.98	30.41	38.17	48.72	56.47	78.08	129.76	158.23	220.51	56.12
25. Number of Sample Households	1	5	6	6	15	30	43	46	32	15	8	10	217

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

RURAL AND URBAN (COMBINED)

Number of Sample Blocks 144

(1)	monthly per-capita expenditure classes in Rupees															All Classes
	0-13	13-15	15-18	18-21	21-24	24-28	28-34	34-43	43-55	55-75	75-100	100-150	150-200	200 & above	(16)	
	(1) QUANTITY (KG. 0.00)															
1. Rice & Products	..	2.40	6.12	3.56	4.71	4.43	5.68	6.07	6.68	8.03	10.87	10.77	12.77	11.32	7.97	
2. Wheat & Products	0.28	0.22	0.66	0.43	0.40	0.33	0.48	0.51	0.66	0.59	0.44	0.42	
3. Jowar & Products	
4. Bajra & Products	
5. Maize & Products	0.00	..	..	..	..	..	..	0.00	
6. Ragi & Products	0.06	..	0.01	..	..	..	..	..	0.01	
7. Barley & Products	
8. Small Millets & Products	
9. Total Cereals	..	2.40	6.12	3.84	4.93	5.09	6.17	6.47	7.02	8.51	11.38	11.43	13.36	11.76	7.40	
10. Gram & Products	0.01	0.01	0.00	0.03	0.05	0.06	0.26	0.14	0.62	0.45	..	0.11	
11. General Substitutes	..	10.00	2.04	5.12	4.55	5.32	5.14	5.89	6.12	5.90	6.00	5.75	1.85	7.25	5.70	
	(2) VALUE (RS. 0.00)															
1. Rice & Products	..	7.20	7.95	7.57	9.82	10.76	12.90	16.19	19.64	23.04	29.59	31.93	31.25	33.62	18.88	
2. Wheat & Products	0.18	0.21	0.79	0.47	0.48	0.53	0.68	0.78	1.74	0.71	0.87	0.59	
3. Jowar & Products	
4. Bajra & Products	
5. Maize & Products	0.00	..	..	..	..	..	..	0.00	
6. Ragi & Products	0.05	..	0.01	..	..	..	..	..	0.01	
7. Barley & Products	
8. Small Millets & Products	
9. Total Cereals	..	7.20	7.95	7.75	10.03	11.55	13.42	16.67	20.18	23.72	30.37	33.67	31.96	34.49	19.48	
10. Gram & Products	0.04	0.02	0.00	0.06	0.12	0.31	0.54	0.26	0.88	0.47	..	6.22	
11. Cereal Substitutes	..	2.50	1.04	2.89	3.36	2.69	2.41	3.08	3.30	3.12	3.70	4.38	0.88	3.90	3.10	
Number of sample Households	..	1	5	18	28	36	88	155	189	158	90	39	14	13	834	

Source: N.S.S. 28th round

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

No. of Sample blocks 144

RURAL

Monthly per-capita expenditure classes in rupees

Items	Monthly per-capita expenditure classes in rupees											200 & above	All classes		
	0-13	13-15	15-18	18-21	21-24	24-28	28-34	34-43	43-55	55-75	75-100			100-150	150-200
1	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	(1) QUANTITY (KG. 0.00)														
1. Rice & Products	..	2.40	6.85	3.35	4.63	4.44	5.93	5.90	6.64	8.64	11.01	11.81	20.41	16.41	6.97
2. Wheat & Products	0.32	0.19	0.67	0.41	0.37	0.28	0.39	0.52	0.80	1.15	2.50	0.39
3. Jowar & Products
4. Bajra & Products	0.00	..	..	..	..	..	..	0.00
5. Maize & Products	0.01
6. Ragi & Products	0.08	..	..	..	..	..	..	..	..
7. Barley & Products
8. Small Millets & Products
9. Total cereals	..	2.40	6.85	3.67	4.82	5.11	6.42	6.27	6.93	9.03	11.53	12.61	21.56	18.91	7.37
10. Gram and Products	0.02	0.01	0.00	0.03	0.05	0.06	0.35	0.13	0.59	1.15	..	0.12
11. Cereal substitutes	..	10.00	1.80	6.29	5.20	5.64	5.57	6.26	6.63	6.96	7.41	7.47	4.85	10.00	6.40
	(2) VALUE (RS. 0.00)														
1. Rice & Products	..	7.20	7.94	7.24	9.85	10.66	13.02	16.17	19.74	24.28	32.04	33.88	47.58	51.23	18.81
2. Wheat & Products	0.34	0.18	0.71	0.45	0.47	0.47	0.02	0.86	2.38	1.17	5.01	0.56
3. Jowar & Products
4. Bajra & Products	0.00	..	..	..	..	..	..	0.00
5. Maize & Products	0.01	..	..	..	..	..	0.01
6. Ragi & Products	0.06	..	..	..	..	..	..	..	..
7. Barley & Products
8. Small Millets & Products
9. Total cereals	..	7.20	7.94	7.58	10.03	11.37	13.53	16.64	20.22	24.30	32.90	36.26	48.74	56.24	19.38
10. Gram & Products	0.05	0.01	0.01	0.05	0.12	0.33	0.64	0.20	0.64	1.15	..	0.21
11. Cereal substitutes	..	2.50	0.69	3.11	2.62	2.85	2.49	3.21	3.44	3.52	4.18	5.19	2.30	10.00	3.28
No. of sample households	0	1	4	13	22	30	73	125	146	112	58	24	6	3	617

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

VIII. CLIMATE AND RAINFALL

8.1. Temperature at selected centres in Kerala (annual) (in degree centigrade)

Sl.No.	Name of Centre	1965		1970		1976		1977		1978	
		Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1.	Trivandrum	30.9	23.7	30.9	23.4	30.9	22.9	31.0	23.3	30.9	23.3
2.	Punalur	31.1	23.8	33.1	20.3	33.0	21.5	32.8	22.8	32.7	22.8
3.	Alleppey	31.1	23.9	31.1	24.1	31.9	21.7	31.2	24.1	30.8	24.2
4.	Fort Cochin	30.2	23.7	30.2	23.3	31.6	23.4	30.9	24.1	30.7	24.1
5.	Palghat	32.3	22.8	32.0	23.2	32.5	22.4	32.4	22.6	32.4	22.6
6.	Kozhikode	30.9	23.9	31.2	23.8	31.6	22.7	30.8	24.0	30.6	23.9

Source: Meteorological Centre, Trivandrum

8.2.1 Monthly Maximum and Minimum temperature at selected centres for the year 1976 (in degree centigrade)

Stations	Trivandrum		Alleppey		N.A.S.Cochin		Palghat		Kozhikode		Punalur	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
January	31.3	21.5	31.5	21.8	30.5	21.7	32.5	19.9	31.1	20.9	33.5	19.4
February	31.8	21.5	31.7	23.1	31.1	22.9	35.4	21.1	31.3	22.1	36.1	19.9
March	33.0	23.2	32.7	24.9	31.9	24.9	38.3	24.0	32.2	24.7	38.3	21.7
April	32.4	24.8	33.1	24.8	32.1	25.3	34.6	23.9	32.2	25.0	35.0	21.4
May	31.8	24.8	32.1	25.6	31.4	25.8	32.8	24.5	32.1	25.9	33.6	22.7
June	31.5	24.0	31.0	24.6	30.7	24.6	31.6	24.5	30.4	24.3	32.7	22.4
July	29.7	23.4	29.1	23.5	29.2	23.5	28.7	22.9	28.5	23.5	30.2	23.2
August	29.8	23.2	29.3	23.6	29.1	24.0	29.1	22.8	28.7	23.7	30.6	23.0
September	30.4	23.4	30.4	24.1	30.1	24.1	30.5	22.9	30.2	24.1	32.1	29.9
October	30.3	23.2	31.0	24.1	30.6	24.3	32.0	23.2	31.2	24.2	32.2	22.9
November	29.7	23.1	30.5	24.0	30.7	24.0	31.9	23.3	31.1	23.9	31.4	23.1
December	30.9	22.9	31.9	21.7	31.6	23.4	32.5	22.4	31.6	22.7	33.0	21.5

Source: Meteorological Centre, Trivandrum.

8.2.2. Monthly Maximum and minimum Temperature at selected centres for the year 1977 (in degree centigrade)

Stations	Trivandrum		Punalur		Alleppey		N.A.S. Cochin		Palghat		Kozhikode	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
January	31.4	21.5	34.1	19.4	31.8	22.8	31.2	22.4	33.3	20.9	31.3	21.7
February	31.4	23.0	34.8	21.7	31.9	23.9	31.7	24.0	35.1	23.0	32.1	23.7
March	33.0	24.1	36.2	22.9	33.0	25.1	32.6	25.5	37.6	24.2	33.2	25.5
April	32.9	25.1	36.0	24.4	33.4	25.7	33.0	25.7	36.9	24.7	33.5	26.3
May	31.0	24.1	33.0	23.7	31.5	24.8	31.3	24.5	33.0	23.6	31.7	25.1
June	29.8	23.4	30.7	23.3	30.1	23.9	29.7	24.1	29.6	22.5	29.4	24.2
July	29.9	23.2	30.2	23.1	29.0	23.5	29.5	23.6	28.2	21.9	28.0	23.3
August	30.2	23.7	31.3	23.8	29.7	24.1	29.6	24.4	29.3	22.4	29.0	24.0
September	30.6	23.5	31.6	23.7	30.1	24.2	29.7	24.2	30.5	22.4	29.4	24.1
October	29.4	23.3	31.1	23.4	30.9	24.3	30.6	24.4	32.1	22.6	30.9	24.2
November	30.4	23.1	31.4	22.9	30.9	24.2	30.5	24.1	31.2	22.3	30.3	23.8
December	31.8	22.3	32.8	21.8	32.0	22.9	31.6	22.5	32.3	21.0	31.2	21.7

Source: Meteorological Centre, Trivandrum.

8.2.3. Monthly maximum and minimum temperature at selected centres for the year 1978

Stations	Trivandrum		Punalur		Alleppey		N.A.S.Cochin		Palghat		Kozhikode	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
January	31.6	21.9	34.3	20.8	31.6	23.2	31.2	22.4	33.7	20.9	31.3	22.1
February	32.3	23.2	35.2	22.8	32.1	24.1	31.7	24.0	35.3	22.3	31.7	23.6
March	32.7	24.5	36.2	23.8	32.5	25.3	32.6	25.5	38.7	24.2	32.6	24.8
April	33.0	25.3	35.7	24.5	32.9	25.9	33.0	25.7	37.5	24.0	33.6	26.5
May	31.6	24.5	33.0	24.2	32.1	25.2	31.3	24.5	34.5	24.1	32.1	25.3
June	29.6	23.1	30.0	22.7	29.2	23.3	29.7	24.1	27.3	21.2	28.1	23.0
July	29.0	22.8	29.5	22.4	28.4	23.2	29.5	23.6	27.2	21.3	27.7	23.1
August	28.8	22.8	29.2	23.0	28.3	23.3	29.6	24.4	27.2	21.4	28.0	23.4
September	30.1	23.0	31.6	22.8	29.5	23.7	29.7	24.2	29.9	21.7	29.3	23.8
October	30.3	23.4	32.1	23.0	30.8	24.3	30.6	24.4	32.7	22.5	31.0	24.3
November	30.3	22.5	32.5	21.6	30.7	24.3	30.5	24.1	32.3	21.9	30.7	23.4
December	31.3	23.2	33.2	22.1	32.0	24.2	31.6	22.5	32.3	25.6	31.4	23.4

8.2.4. Monthly maximum and minimum temperature at selected centres—year 1979 (Degree-centigrade)

Stations	Trivandrum		Punalur		Alleppey		Cochin		Palghat		Kozhikode	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
January	32.0	22.7	34.5	21.6	32.5	23.3	31.2	22.4	33.9	N.A.	31.8	22.9
February	32.1	23.5	35.8	23.0	31.8	24.4	31.5	24.2	35.0	"	31.9	24.2
March	32.7	24.3	36.5	23.5	33.2	25.5	32.1	25.1	37.2	"	32.8	25.1
April	33.5	25.4	36.7	24.4	33.5	26.3	32.7	25.7	37.8	"	33.1	26.1
May	32.4	25.0	34.1	24.4	32.5	26.2	31.6	25.4	35.0	"	32.5	26.0
June	30.6	24.0	32.0	23.9	30.7	24.7	28.7	23.3	31.2	"	30.6	24.6
July	29.5	23.4	29.7	23.1	28.8	23.7	28.7	23.2	28.2	"	28.0	23.5
August	29.9	23.2	30.9	22.8	29.5	23.9	28.5	23.5	28.8	"	28.4	23.3
September	30.3	23.4	31.7	23.1	30.2	24.4	29.3	23.9	32.1	"	29.7	24.3
October	30.8	23.7	33.0	23.2	31.1	24.5	30.4	24.2	31.2	23.6	31.0	24.5
November	29.6	23.2	31.3	22.7	30.7	24.1	31.4	24.0	31.3	23.1	30.9	24.2
December	31.4	23.1	N.A.	N.A.	31.0	23.8	32.9	23.7	32.8	23.1	31.8	23.5

Source: Meteorological Centre, Trivandrum.

8.3.0 Relative Humidity at selected centre in Kerala during the year—1970

Months	Trivandrum		Punalur		Alleppey		Fort Cochin		Palghat		Kozhikode	
	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
January	77	65	74	45	79	67	73	72	72	46	74	64
February	78	63	68	44	76	64	73	76	71	33	68	63
March	79	65	79	52	76	68	72	83	75	36	70	69
April	82	74	85	71	77	71	74	76	79	60	73	71
May	81	76	89	74	84	75	75	76	85	65	81	77
June	89	83	94	81	92	86	85	85	90	80	92	87
July	88	77	94	79	92	85	87	88	92	85	95	91
August	90	79	93	78	94	87	90	88	92	83	95	91
September	85	77	91	73	88	82	86	83	89	74	90	85
October	87	82	91	78	85	82	83	82	89	75	86	81
November	85	77	88	72	83	73	77	75	82	67	76	68
December	70	64	75	50	73	63	66	68	69	47	66	60

Source: Regional Meteorological Centre, Madras

8.3.1. Relative humidity at selected centres in Kerala during the year 1977

Stations	Trivandrum		Punalur		Alleppey		Fort Cochin Naval Air Station		Palghat		Kozhikode	
	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
January ..	70	59	84	38	70	63	71	58	72	43	72	62
February ..	77	63	81	47	76	67	79	65	71	42	75	67
March ..	77	68	84	44	77	69	78	69	74	40	75	68
April ..	80	72	85	68	78	74	78	72	81	55	73	69
May ..	88	79	92	78	85	78	85	75	84	67	83	78
June ..	89	78	93	77	91	84	89	81	93	85	90	85
July ..	87	76	95	75	93	86	91	85	93	85	93	89
August ..	87	77	93	70	90	84	87	80	94	83	90	84
September ..	84	78	91	73	86	84	85	80	93	79	88	83
October ..	94	84	93	80	86	81	86	78	90	76	86	78
November ..	88	82	92	77	85	76	85	77	87	74	86	80
December ..	72	66	83	59	72	63	73	58	75	49	74	63

8.3.2. Relative humidity at selected centres in Kerala during the year 1978

Stations	Trivandrum		Punalur		Alleppey		Fort Cochin Naval Air Station		Palghat		Kozhikode	
	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
January ..	77	65	78	38	73	65	74	63	75	44	77	65
February ..	75	63	76	40	77	67	78	62	78	42	77	69
March ..	82	69	83	53	79	72	76	67	83	50	74	70
April ..	81	72	87	64	79	73	77	68	85	60	73	72
May ..	86	82	91	73	85	79	84	77	83	61	81	77
June ..	87	78	92	76	92	88	90	83	94	84	93	87
July ..	88	81	93	82	93	90	90	84	94	87	92	88
August ..	91	82	94	81	94	88	90	84	94	86	93	89
September ..	85	76	91	68	89	81	85	77	90	70	84	84
October ..	88	81	91	73	81	77	85	77	87	69	84	79
November ..	83	77	94	70	81	74	82	74	80	63	83	75
December ..	81	71	85	50	74	65	72	62	75	64	76	70

8.3.3 Relative humidity at selected centres in Kerala during the year 1979

Stations	Trivandrum		Punalur		Alleppey		Fort Cochin		Palghat		Kozhikode	
	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST	8.30 IST	17.30 IST
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
January ..	76	65	82	42	74	67	73	58	79	51	77	70
February ..	83	67	88	52	80	71	79	65	83	50	75	67
March ..	79	66	82	54	76	71	74	64	80	44	74	56
April ..	77	69	86	66	75	72	74	67	79	49	75	71
May ..	81	72	89	67	80	75	78	70	78	58	76	72
June ..	87	79	92	77	89	84	87	80	90	79	84	71
July ..	89	80	..	..	92	88	90	84	..	..	93	95
August ..	..	..	..	..	..	..	..	..	..	..	..	..
September ..	..	..	..	..	..	..	..	..	..	..	..	..
October ..	..	..	..	..	..	..	..	..	..	..	..	..
November ..	..	..	..	..	..	..	..	..	..	..	..	..
December ..	..	..	..	..	..	..	..	..	..	..	..	..

.. Data not received

.. Meteorological centre, Trivandrum

8.4. District-wise Annual and Normal Rainfall in Kerala (in MM)

District	Normal rainfall	Annual rainfall				
		1960	1970	1976	1977	1978
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum ..	2001.6	2814.4	1668.3	630.5	1618.0	1536.0
Quilon ..	2760.2	3321.8	2403.0	1769.3	2613.0	1392.9
Alleppey ..	3012.2	3635.3	2271.3	1562.4	2449.6	1817.5
Kottayam ..	3462.6	3404.2	2571.8	1648.5	2761.2	2179.3
Idukki ..	2898.9	..	..	1235.6	2263.7	2581.9
Ernakulam ..	3548.4	3963.5	3032.2	1963.2	2306.6	3048.4
Trichur ..	3177.5	3593.5	2316.5	1696.9	2727.7	2894.1
Palghat ..	2397.7	2772.5	2346.3	1309.3	2233.6	1222.2
Malappuram ..	2900.1	..	1863.5	2002.0	2196.9	2812.2
Kozhikode ..	3796.0	3441.7	3557.2	2242.2	4688.5	2574.4
Cannanore ..	3437.9	3476.4	3007.9	1916.4	2818.4	3490.4
State average ..	3035.7	3380.3	2591.8	1634.2	2607.0	2322.7

Source: Revenue Board, Trivandrum

8.5.1 District-wise monthly distribution of rainfall in Kerala (in M.M.) for the year 1976

District	January	February	March	April	May	June	July	August	September	October	November	December
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	20.1	57.0	62.8	59.4	151.2	140.9	46.1	146.6	229.5	33.0
Quilon ..	0.4	..	37.0	143.9	98.3	155.6	353.1	259.7	110.7	322.6	362.4	38.1
Alleppey	33.8	77.0	119.2	181.6	454.6	298.9	99.8	275.9	426.5	33.3
Kottayam	22.3	188.5	121.6	209.8	549.2	309.3	106.7	250.3	354.6	42.6
Idukki	21.4	224.2	83.2	147.5	676.6	424.4	165.3	250.6	253.9	28.0
Ernakulam	8.7	33.2	159.7	110.2	200.0	680.5	391.5	94.1	327.1	363.1	44.8
Trichur	9.6	105.9	84.7	219.3	732.1	440.6	130.2	200.0	217.3	20.6
Palghat	20.0	153.3	62.5	118.1	394.8	204.5	74.3	197.5	337.2	10.5
Malappuram	3.4	158.1	41.0	186.3	658.8	372.0	75.6	237.5	296.8	37.2
Kozhikode	10.7	90.0	66.5	218.1	974.7	445.8	135.0	212.5	350.2	39.7
Cannanore	6.3	33.9	66.3	411.1	1054.9	429.4	185.2	90.2	209.4	13.5
State	0.8	19.8	126.5	80.8	191.5	607.3	337.9	11.2	228.3	309.2	31.0

8.5.2 District-wise monthly distribution of rainfall in Kerala in (M.M) for the year 1977

District	January	February	March	April	May	June	July	August	September	October	November	December
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum ..	4.1	19.9	33.2	88.2	361.3	228.8	175.2	97.5	106.0	527.7	202.7	18.2
Quilon ..	0.4	44.2	47.7	145.4	497.5	411.8	343.6	145.0	160.9	535.3	317.9	9.9
Alleppey ..	..	13.6	74.8	139.8	599.1	698.7	517.4	223.9	199.1	500.4	337.4	14.7
Kottayam ..	2.2	11.1	67.2	233.7	421.5	603.9	560.4	271.4	238.3	512.5	282.8	19.4
Idukki ..	..	13.0	19.5	145.5	254.6	485.2	628.9	234.6	239.3	406.3	215.7	9.7
Ernakulam ..	..	18.4	44.3	206.0	369.3	593.8	643.7	233.9	176.0	420.3	498.5	..
Trichur ..	..	6.7	21.1	47.3	317.1	678.8	892.6	238.1	211.6	476.9	513.7	..
Palghat ..	..	6.0	30.2	94.1	143.7	472.0	493.2	185.8	183.7	388.0	361.7	..
Malappuram ..	..	..	28.1	88.3	278.3	640.5	697.4	205.3	172.0	492.2	422.3	..
Kozhikode ..	..	3.4	10.8	60.1	305.6	1005.4	1592.1	389.4	288.8	516.3	498.3	..
Cannanore ..	..	12.4	7.6	30.8	208.0	812.4	1374.5	307.8	206.1	320.4	297.0	1.2
State average ..	0.6	13.5	35.0	116.3	341.5	602.8	719.9	230.3	198.4	463.0	358.9	6.7

8.5.3 District-wise monthly distribution of rainfall in Kerala (in M.M.) for the year 1978

District	January	February	March	April	May	June	July	August	September	October	November	December
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	7.7	22.6	66.8	76.6	388.0	231.4	342.5	163.3	53.8	92.4	643.1	42.9
Quilon	0.7	22.3	117.9	176.3	450.3	356.9	454.8	339.9	177.7	207.8	634.4	18.7
Alleppey	..	17.6	51.2	70.1	484.0	536.2	619.4	409.8	184.4	205.3	463.3	51.0
Kottayam	1.0	34.0	80.7	90.8	643.1	608.7	611.0	391.1	171.8	166.3	293.8	34.1
Idukki	0.2	15.6	38.9	106.7	266.1	563.4	544.0	665.7	175.7	207.9	392.5	101.0
Ernakulam	22.0	21.6	15.0	42.1	630.4	945.1	691.3	496.3	208.2	345.3	356.4	55.5
Trichur	..	16.5	23.0	32.1	263.1	835.2	901.1	703.3	90.0	168.0	341.8	63.5
Palghat	..	8.7	9.5	73.2	147.3	489.8	542.5	408.7	40.9	151.7	268.0	29.2
Malappuram	..	5.0	..	40.0	278.0	820.9	691.7	548.7	209.0	85.0	513.8	5.0
Kozhikode	..	3.7	..	0.6	535.3	1415.1	1164.1	634.9	215.3	128.8	372.2	58.1
Cannanore	..	..	2.0	22.2	471.6	1334.3	1035.5	687.7	129.0	54.0	128.8	51.7
State	2.9	15.2	36.8	66.4	414.3	739.7	690.7	495.4	150.5	164.8	400.7	46.4

Source: Revenue Board, Trivandrum

8.5.4 Monthly distribution of rainfall at selected centres in Kerala for the year 1970

District/Station	January	February	March	April	May	June	July	August	September	October	November	December
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
TRIVANDRUM												
1. Ponnudi	*	..	*	*	*	*	*	*	*	*	*	*
2. Varkala	*	..	81.0	66.9	248.4	*	67.4	482.9	227.6	380.6	62.0	19.8
3. Attingal	20.0	..	95.4	129.2	290.2	260.4	151.2	*	189.8	*	90.8	*
4. Nedumangad	5.1	10.2	67.2	104.5	264.7	235.1	416.1	190.5	145.5	442.0	177.5	..
5. Trivandrum-B	1.5	16.1	77.5	73.1	162.2	288.9	126.7	167.3	109.9	419.9	101.0	11.0
6. Neyyattinkara	*	*	*	*	*	*	*	*	*	*	*	*
7. Parassala	..	30.5	15.2	116.9	129.5	139.8	22.5	101.3	66.1	191.0	104.2	10.2
8. Trivandrum(Aerodrom)	2.0	*	68.2	135.3	166.5	185.4	107.9	134.6	108.5	388.2	107.5	13.3
9. Vellayani (A.M.)	28.2	*	*	*	*	*	73.3	148.8	118.7	427.7	*	32.1
QUILON												
1. Pathanamthitta	49.1	68.6	87.0	240.0	166.0	474.0	*	313.6	170.4	340.3	170.6	25.3
2. Konni	4.8	108.5	96.0	251.4	350.6	435.0	287.0	360.7	211.0	275.9	*	..
3. Adoor	..	30.5	39.9	188.2	273.0	304.9	306.8	402.2	235.5	336.3	83.8	26.9
4. Karunagappally	..	57.7	39.4	92.9	438.6	913.0	276.6	267.9	414.6	288.9	145.8	5.1
5. Punalur	15.7	35.2	133.2	224.2	237.2	366.1	353.8	381.5	229.3	698.3	80.6	*
6. Kottarakkara	17.0	0.8	..	10.2	195.3	356.0	185.0	354.0	*	208.5	5.8	..
7. Aryankavu	*	*	*	*	220.0	312.0	210.0	382.2	222.8	542.7	234.2	61.5
8. Quilon	1.2	*	*	93.3	261.8	*	169.0	*	*	354.2	*	*
9. Nilamel	..	12.7	97.0	233.4	274.8	511.9	*	*	*	*	*	*
10. Paravur	*	*	*	*	*	*	*	*	*	*	*	*
11. Kayamkulam (A.M.)	29.3	30.0	30.0	209.5	295.7	*	307.9	*	325.7	223.8	124.2	5.2
ALLEPPEY												
1. Arukutty	37.1	*	18.8	188.4	367.1	*	498.7	439.1	309.8	381.5	*	..
2. Shertallai	49.5	1.0	20.2	84.8	391.1	674.7	884.4	391.1	273.3	574.6	78.8	..
3. Alleppey-B	48.0	5.0	91.5	270.8	336.4	498.2	791.4	423.3	326.8	431.6	111.8	10.6
4. Ambalappuzha	12.7	12.7	2.5	94.0	*	*	252.5	256.6	*	177.5	*	*
5. Thiruvalla	..	2.2	4.3	56.2	159.3	1000.9	*	365.8	174.4	210.0	6.9	..
6. Chengannur	*	*	*	*	*	*	*	*	*	*	*	*
7. Haripad	..	6.1	14.3	105.3	240.2	534.9	223.1	364.7	425.5	208.2	38.1	17.8
8. Mavelikkara	24.5	12.7	*	135.5	*	582.2	205.6	177.5	260.4	302.0	46.0	15.0
9. Kayamkulam	..	*	5.3	43.1	163.3	309.4	98.8	134.2	84.2	64.5	11.4	*

(Contd....)

8.5.4 (Contd.....)

District/Station	January	February	March	April	May	June	July	August	September	October	November	December
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
KOTTAYAM												
1. Chinnar	*	9.7	2.5	68.6	73.1	55.7	331.1	*	*	*	207.5	*
2. Marayur	79.3	11.2	..	290.2	*	322.4	147.1	281.0	240.7	727.9	350.4	17.5
3. Munnar	10.0	4.8	5.2	346.4	431.0	457.0	548.0	753.0	76.0	430.0	101.0	33.0
4. Devikulam	..	12.0	4.8	167.0	*	*	408.8	486.7	95.2	430.7	133.6	33.0
5. Vandammedu	..	69.8	*	110.7	110.5	320.0	275.9	341.8	135.3	249.3	101.4	14.0
6. Vaikom	37.8	*	*	82.1	159.9	252.9	*	513.7	*	157.2	*	4.4
7. Palai	5.1	82.3	76.2	300.4	14.1	672.3	514.4	473.3	342.0	503.7	168.8	..
8. Ettumanoor	..	*	*	*	*	*	439.3	*	*	119.1	*	..
9. Kumali	..	17.8	8.9	67.4	62.1	147.2	*	*	*	*	*	..
10. Kottayam	*	13.0	52.6	*	177.0	*	508.7	*	*	397.8	25.2	..
11. Peermade (Taluk)	47.0	135.8	49.9	162.1	68.0	868.4	755.5	833.8	346.3	*	104.9	21.1
12. Peermade (R.sy)	97.0	161.8	96.0	196.8	347.8	924.9	411.5	*	*	*	*	..
13. Kanjirappally	*	*	*	*	*	*	*	*	*	*	*	..
14. Changanacherry	24.4	24.8	37.4	155.5	317.5	338.2	*	*	322.8	174.6	*	..
15. Velur	..	23.6	*	83.5	63.6	316.7	94.8	326.7	116.0	74.5	25.2	..
16. Kottayam	4.8	17.4	54.2	347.4	234.1	601.9	469.5	*	350.2	*	73.6	15.8
ERNAKULAM												
1. Malayattur	10.2	..	83.6	113.6	*	549.9	294.3	782.6	227.7	*	61.4	..
2. Parur	25.0	..	13.5	30.6	393.0	824.0	642.0	465.0	196.0	159.4	4.6	..
3. Perumbavur	5.1	..	5.1	61.0	229.5	615.0	648.0	*	120.0	232.5	..	..
4. Alwaye	*	..	37.5	85.8	288.8	954.0	*	572.0	269.8	221.4	42.6	..
5. Neriamangalam	107.2	165.9	8.1	*	393.4	912.8	*	*	327.1	*	*	..
6. Muvattupuzha	48.2	3.8	*	207.0	193.2	621.3	424.4	*	*	*	*	..
7. Karikode	19.3	8.4	40.1	310.1	303.2	773.4	687.6	680.7	328.0	568.0	58.9	..
8. Ernakulam	10.0	*	60.0	96.0	237.0	685.0	627.0	554.0	*	*	*	..
9. Cochin-B	63.9	..	91.4	210.6	435.5	831.1	661.8	452.9	310.0	278.0	82.7	..
10. Fort of Cochin-B	*	*	*	*	375.8	828.1	623.4	447.2	340.8	254.6	88.4	..
TRICHUR												
1. Cranganore	..	..	50.8	48.3	478.8	122.2	533.3	443.0	295.0	247.0	43.0	..
2. Mukundapuram	..	..	2.5	177.2	407.9	*	95.5	*	360.0	*	*	..
3. Trichur	..	..	..	125.0	338.0	666.0	*	600.6	205.0	239.0	83.0	..
4. Thalappilly	..	..	..	*	*	*	8.1	630.0	95.0	115.0	35.0	..
5. Ollukkara (A.M.)	..	..	*	150.3	313.7	696.7	733.4	536.9	227.0	235.1	38.2	..
6. Peechi (A.M.)	..	..	*	33.2	228.3	603.8	*	534.2	180.9	115.0	22.3	..
PALGHAT												
1. Alathur	*	..	..	155.3	189.1	467.3	519.6	415.2	83.8	142.7	78.3	..
2. Palghat	*	..	..	74.6	123.8	376.8	363.0	488.4	114.8	*	*	..
3. Parali	*	*	*	*	*	*	*	*	*	*	*	..
4. Ottappalam	*	..	..	312.9	261.4	709.8	479.6	301.6	221.9	471.0	185.0	..
5. Cherpulassery	..	..	..	178.0	271.0	293.0	510.0	490.0	144.2	*	92.0	..
6. Mannarghat	4.2	..	..	191.6	262.2	289.8	645.2	428.0	211.2	*	75.0	..
7. Chittur	*	..	..	88.0	82.0	*	*	353.1	41.3	*	*	..
8. Pattambi (A.M)	..	..	..	110.8	278.0	*	675.6	507.3	182.3	317.7	42.0	..
MALAPPURAM												
1. Perinthalmanna	*	..	..	128.2	266.0	423.0	710.4	*	231.5	397.4	131.5	..
2. Ponnani	*	..	..	47.4	354.5	675.9	798.2	453.6	283.9	190.4	66.3	..
3. Manjeri	*	..	..	26.2	313.3	458.7	678.6	544.2	108.1	242.6	47.0	..
4. Thirurangadi	..	..	..	112.4	488.3	458.1	782.6	632.2	242.9	167.1	*	..
5. Nilambur	*	..	..	129.9	*	410.6	855.0	*	175.4	*	1.7	..
KOZHIKODE												
1. Kozhikode	*	..	..	*	*	*	*	*	207.8	*	*	..
2. Vythiri	..	..	..	..	528.9	702.2	546.7	338.5	263.8	242.0	*	..
3. Quilandy	..	..	..	136.4	481.0	672.7	969.8	888.6	205.0	127.4	26.5	..
4. Badagara	..	..	..	58.6	364.7	731.6	1127.3	1090.2	225.4	84.4	88.6	..
5. Kuttiyadi	*	..	..	188.7	345.0	*	1170.2	1081.1	299.4	383.8	119.7	..
CANNANORE												
1. Kasargode	11.0	..	..	48.0	376.4	899.9	1159.1	1224.4	455.3	336.6	31.0	..
2. Thaliparamba	..	..	..	22.0	351.0	605.0	605.6	782.0	178.0	152.0	12.0	..
3. Cannanore	*	*	*	*	*	*	*	*	33.5	18.5	2.6	..
4. Hosdurg	..	..	..	1.0	..	..	358.6	1071.5	267.5	141.0	2.0	..
5. Tellicherry	..	..	..	101.0	310.0	687.0	272.2	*	138.5	202.9	1.1	..
6. Irikkur	..	..	..	17.4	168.0	254.6	540.3	367.7	78.1	129.6	22.7	..
7. Payyannur	12.4	..	..	11.4	333.6	*	1088.3	1086.9	277.3	185.0	11.7	..
8. Mananthodi	*	..	..	160.2	141.8	787.0	1011.9	541.5	20.4	47.6	117.3	..
9. Mahi	7.9	..	..	117.1	513.7	299.2	930.2	*	192.8	180.8	33.0	..
10. Kasargode	..	..	..	*	299.8	699.2	*	1157.2	430.5	220.8	*	..

* Data not received

8.5.5 Monthly distribution of rainfall at selected centres in Kerala for the year 1976

District/Station	January	February	March	April	May	June	July	August	September	October	November	December
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
TRIVANDRUM												
1. Ponmudi	x	x	x	x	x	6.2	92.1	18.2	x	38.9	76.6	-
2. Varkala	-	x	x	x	80.7	86.9	247.2	247.1	98.4	243.5	270.9	23.1
3. Attingal	-	-	29.0	57.0	52.0	88.0	228.0	213.0	63.0	x	293.0	53.2
4. Nedumangad	-	x	x	x	51.6	33.3	114.6	94.6	34.9	x	x	43.4
5. Trivandrum-6	x	-	11.2	x	123.5	76.2	127.0	149.2	30.6	166.1	330.5	28.4
6. Neyyattinkara	x	x	x	x	x	x	x	x	x	x	x	x
7. Parassala	x	x	x	x	22.0	9.0	x	x	x	x	x	x
8. Trivandrum (Aerodrome)	-	-	x	x	88.1	80.7	x	145.2	35.4	147.1	260.3	54.8
9. Vellayani	x	-	x	x	22.0	95.0	147.0	x	x	x	x	x
QUILON												
1. Pathanamthitta	x	x	x	x	x	x	x	x	x	x	x	x
2. Konni	-	-	76.2	193.1	129.6	216.1	358.2	274.3	99.0	287.0	312.5	104.2
3. Adoor	-	-	90.2	68.0	40.0	119.4	323.6	187.8	109.5	300.4	272.9	42.0
4. Karunagappally	-	-	25.5	70.3	151.3	228.6	505.8	256.7	292.9	264.5	656.5	22.6
5. Punalur	-	-	54.3	332.0	163.3	141.0	369.9	252.3	132.4	365.6	311.5	12.3
6. Kottarakara	3.0	-	43.5	220.0	45.0	93.6	388.5	312.8	113.0	776.6	390.0	16.0
7. Aryankavu	-	-	6.0	186.8	59.8	140.4	338.5	289.1	132.4	215.0	442.4	85.4
8. Quilon	x	x	x	x	163.6	126.2	338.5	291.4	96.2	x	302.4	21.0
9. Nilamel	x	x	x	x	x	x	x	x	x	x	x	x
10. Paravoor	-	-	-	-	-	x	202.0	254.0	32.0	96.4	266.5	21.0
11. Kayamkulam	-	-	-	80.6	132.0	179.8	x	218.8	89.3	275.3	307.2	19.6
ALLEPPEY												
1. Arukutty	x	x	x	x	x	x	x	x	x	x	x	x
2. Shertallai	x	x	x	x	111.7	170.1	505.3	276.9	132.0	173.0	472.6	2.5
3. Alleppey-6	-	-	33.0	117.6	92.0	225.8	x	303.0	117.8	399.4	372.2	2.1
4. Ambalapuzha	x	x	x	x	x	x	432.0	x	x	x	x	x
5. Thiruvalla	-	-	x	91.5	x	96.5	405.0	212.0	5.0	87.0	316.5	111.5
6. Chengannur	x	x	x	x	x	x	x	x	x	x	x	-
7. Haripad	-	-	53.3	63.5	226.1	363.4	607.3	399.2	155.2	566.4	594.5	83.8
8. Mavelikara	-	x	15.0	x	123.0	149.0	356.5	303.4	109.5	257.5	376.7	11.0
9. Kayamkulam	x	-	x	35.5	43.2	85.0	421.5	x	79.0	172.0	x	22.0
KOTTAYAM												
1. Vaikom	-	-	13.2	111.4	91.2	146.2	703.7	318.5	92.9	153.9	420.4	48.0
2. Palai	x	x	x	x	x	x	x	x	x	x	x	x
3. Ettumannur	x	x	x	x	x	x	x	x	x	x	x	x
4. Kottayam	x	x	36.4	281.8	94.0	238.0	534.5	339.0	80.5	210.2	378.4	1.5
5. Kanjirappally	x	x	x	x	x	x	x	x	x	x	x	x
6. Changanacherry	-	-	17.3	127.3	185.0	229.1	400.8	258.2	143.5	280.5	265.0	72.0
7. Kottayam	x	x	x	233.3	116.1	226.0	557.6	321.6	110.0	356.6	x	48.9
IDUKKI												
1. Chinar	x	x	x	x	x	x	x	x	x	x	x	x
2. Marayur	x	x	-	x	26.0	71.4	x	87.0	x	164.1	x	-
3. Munnar	-	x	12.3	243.1	69.1	165.6	754.6	589.0	186.2	233.4	211.4	-
4. Devikulam	x	x	x	223.8	96.3	105.3	555.3	x	152.8	272.5	244.0	-
5. Vandanmedu	-	-	6.3	128.7	71.2	78.7	415.2	x	55.8	144.8	246.3	8.1
6. Kumily	x	x	x	x	x	x	x	x	x	x	x	x
7. Peermade (Taluk)	-	-	x	x	71.2	171.8	894.9	702.9	276.8	260.5	369.5	4.4
8. Peermade (Residency)	x	x	x	x	x	x	x	x	x	x	x	x
9. Velur	x	x	58.4	211.6	84.9	162.5	441.0	251.3	92.0	126.0	168.7	13.2
10. Karikode	-	26.0	30.0	314.0	164.0	277.2	998.5	492.0	221.4	552.3	283.2	170.4

(Contd....)

8.5.5 (Contd....)

District/Station	January	February	March	April	May	June	July	August	September	October	November	December
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
ERNAKULAM												
1. Malayattur	-	-	x	260.1	73.6	185.9	470.5	x	x	x	x	x
2. Parur	-	x	-	x	129.0	200.0	874.0	394.0	84.0	270.0	195.0	30.0
3. Perumbavur	x	-	-	-	72.7	12.0	173.5	138.0	11.0	230.7	x	22.4
4. Alwaye	x	x	2.0	x	127.4	256.3	708.7	421.9	81.7	249.9	x	16.3
5. Neriya Mangalam	x	x	x	x	x	x	x	x	x	x	x	-
6. Muvattupuzha	x	-	145.0	321.0	176.0	339.0	1150.0	612.0	159.0	590.0	503.0	200.0
7. Ernakulam	x	x	x	x	x	x	x	x	x	x	x	-
8. Cochin-B	x	-	19.1	57.5	82.2	207.0	706.5	x	135.0	295.0	391.3	x
TRICHUR												
1. Crangannore	x	-	-	57.0	146.0	164.0	608.0	x	85.9	192.3	176.0	31.0
2. Mukundapuram	-	-	-	x	11.0	264.0	623.0	398.0	x	135.0	199.0	-
3. Trichur	-	x	36.0	181.0	168.0	239.0	877.0	449.0	168.0	176.0	255.0	14.0
4. Thalappilly	x	x	x	x	85.0	189.0	x	x	x	219.0	252.0	10.0
5. Ollukara (A.M)	-	-	4.6	104.8	75.9	203.4	852.6	x	x	154.7	201.7	x
6. Peechi (A.M)	-	-	7.4	80.6	55.0	259.6	801.4	x	138.6	293.8	235.2	1.0
7. Chalakudy	x	-	x	x	51.4	216.0	640.5	474.8	128.4	229.0	202.1	67.8
PALGHAT												
1. Alathur	x	x	-	x	85.0	130.5	444.8	x	x	239.9	x	7.0
2. Palghat	x	x	x	207.8	114.2	138.2	x	x	130.8	252.0	373.2	22.4
3. Parali	-	x	5.5	73.2	15.7	71.3	206.0	106.1	39.1	122.2	305.4	11.3
4. Ottappalam	-	-	43.0	184.0	66.0	155.0	475.0	168.0	83.0	237.0	249.0	2.0
5. Cherpulassery	-	x	x	111.3	-	126.0	516.0	231.0	36.0	235.0	443.0	-
6. Mannarghat	-	-	51.5	286.8	77.9	144.2	547.2	361.4	x	172.4	538.6	x
7. Chittur	-	-	-	37.0	45.0	28.0	180.0	171.0	74.0	124.0	150.0	27.0
8. Pattambi (A.M.)	x	x	x	172.7	96.0	151.2	x	189.3	82.9	x	301.1	3.6
MALAPPURAM												
1. Perinthalmanna	-	-	x	161.0	24.0	173.0	604.4	305.4	66.4	333.0	397.2	48.4
2. Ponnani	-	-	-	156.0	100.0	250.0	626.0	365.0	64.0	300.0	298.0	47.0
3. Manjeri	-	x	7.1	157.2	23.8	115.5	604.2	334.7	71.2	242.7	303.3	5.6
4. Thirurangadi	-	-	x	x	37.0	178.0	699.1	325.2	55.2	188.4	268.6	23.8
5. Nilambur	-	-	3.0	x	20.0	214.9	760.2	529.8	121.4	123.2	217.1	61.2
KOZHIKODE												
1. Kozhikode	-	x	15.6	134.3	54.1	215.4	760.1	256.4	86.2	297.7	335.4	7.1
2. Vythiri	x	x	5.8	x	43.5	100.0	1079.0	655.0	182.0	81.0	269.0	20.0
3. Quilandy	x	x	x	129.0	64.1	281.5	834.9	328.2	36.5	x	xx	-
4. Badagara	-	x	x	56.0	150.0	275.5	869.5	339.0	100.0	x	x	x
5. Kuttiyadi	-	x	x	40.8	20.7	x	1330.0	650.5	270.5	278.8	446.1	131.8
CANNANORE												
1. Kasargode	-	-	33.8	4.0	65.0	607.2	1299.0	x	281.8	120.6	178.6	22.1
2. Thaliparamba	x	-	x	x	23.0	x	x	x	x	x	x	x
3. Cannanore	-	-	x	35.0	61.0	425.0	1055.0	441.2	119.0	75.0	168.0	11.0
4. Hosdurg	-	-	-	14.9	72.7	460.0	1167.5	377.7	133.0	31.0	159.5	21.5
5. Thalassery	-	-	-	30.2	59.0	358.9	1104.9	350.8	82.2	x	240.0	22.0
6. Irikkur	x	-	x	x	x	x	x	x	x	x	x	-
7. Payyannur	-	-	x	54.1	127.7	473.8	1056.9	424.8	x	78.1	257.6	-
8. Mananthody	-	-	4.2	x	31.5	83.1	745.3	451.8	177.3	157.2	148.2	15.2
9. Mahi	-	-	-	64.9	90.4	314.0	956.0	x	x	79.4	314.1	16.1
10. Kasargode (A.M.)	x	-	x	x	x	566.6	x	530.0	318.0	x	x	x

x Not Available

- Nil

8.5.6 Monthly distribution of rainfall at selected centres in Kerala for the year 1977

District/Station	January	February	March	April	May	June	July	August	September	October	November	December
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
TRIVANDRUM												
1. Ponnudi	x	x	x	4.7	32.7	144.7	177.0	99.3	162.1	214.6	122.3	-
2. Varkala	-	1.0	24.0	69.1	536.9	463.2	286.4	123.2	116.5	679.3	225.9	-
3. Attingal	-	26.4	72.0	131.0	403.6	248.5	180.0	121.2	118.6	659.6	255.8	-
4. Nedumangad	-	22.0	46.0	137.6	302.6	127.8	88.2	117.0	61.1	402.5	231.0	3.4
5. Trivandrum-6	20.2	28.3	39.5	108.2	427.6	206.6	216.5	82.3	109.7	655.4	243.6	x
6. Neyyattinkara	x	x	x	x	x	x	x	x	x	x	x	x
7. Parassala	x	x	4.0	63.0	365.0	142.5	127.9	51.4	83.4	556.1	x	x
8. Trivandrum (Aerodrome)	4.0	21.8	13.9	103.5	460.5	268.6	150.3	88.2	90.4	526.1	204.9	13.7
9. Vellayani	x	x	x	x	x	x	x	x	x	x	x	x
QUILON												
1. Pathanamthitta	-	-	x	x	x	x	x	x	x	x	x	x
2. Konni	-	58.4	60.9	230.7	301.2	392.7	403.8	295.7	190.0	660.8	455.1	5.0
3. Adoor	-	140.0	-	192.0	581.6	379.0	459.1	153.4	133.0	660.8	x	34.3
4. Karunagappally	-	90.2	106.7	123.3	607.8	535.5	450.1	159.5	198.6	569.8	322.0	-
5. Punalur	-	23.6	64.6	265.2	437.2	423.8	395.4	131.6	200.8	426.5	371.6	-
6. Kottarakkara	4.5	-	5.0	136.0	338.5	240.7	197.0	54.0	61.5	490.5	308.0	11.0
7. Aryankavu	-	97.4	113.0	126.2	263.8	250.6	250.8	192.0	185.3	522.7	345.8	23.4
8. Quilon	-	16.3	30.0	25.2	725.1	439.9	287.4	90.7	137.7	519.4	209.5	-
9. Nilamel	-	x	x	x	x	x	x	x	x	x	x	x
10. Paravur	-	-	-	65.0	559.5	447.4	313.0	83.0	160.5	494.5	211.0	-
11. Kayamkulam	-	15.8	49.2	145.0	663.0	579.0	335.4	x	181.1	470.4	320.4	16.0
ALLEPPEY												
1. Arukutty	-	x	x	x	x	x	x	x	x	x	x	x
2. Shertallai	-	-	32.6	111.9	516.8	644.3	527.5	263.0	221.8	400.0	211.2	-
3. Alleppey-6	x	33.7	195.7	157.3	784.2	580.9	x	x	x	x	x	x
4. Ambalapuzha	x	x	x	x	x	x	x	x	x	x	x	x
5. Thiruvalla	-	-	-	15.5	436.0	503.0	x	x	x	466.4	298.0	-
6. Chengannur	-	-	-	-	x	x	-	-	-	-	x	-
7. Haripad	-	33.0	138.4	307.3	939.9	1111.1	719.7	485.4	370.8	630.0	485.0	45.7
8. Mavelikara	-	38.3	82.0	166.5	397.8	654.3	476.5	209.4	242.0	510.7	328.6	31.8
9. Kayamkulam	-	-	75.0	220.0	519.9	x	346.0	161.5	161.0	495.0	364.0	10.5
KOTTAYAM												
1. Vaikom	8.9	-	46.4	348.7	429.0	608.7	581.0	195.3	246.9	550.4	211.4	-
2. Palai	x	x	x	x	x	x	x	x	x	x	x	x
3. Ettumanur	x	x	x	x	x	x	605.8	290.7	245.5	545.9	315.5	x
4. Kottayam	-	36.0	31.0	169.0	480.2	642.2	563.9	291.7	245.5	549.0	329.4	48.3
5. Kanjirappally	x	x	x	x	x	x	x	x	x	x	x	x
6. Changanacherry	-	-	118.0	183.5	355.4	494.0	445.2	271.6	204.0	358.1	275.0	10.0
7. Kottayam	-	8.4	73.2	x	x	670.9	605.9	307.9	249.4	559.2	x	x
IDUKKI												
1. Chinar	x	x	x	x	x	x	x	x	x	x	x	x
2. Marayur	-	22.2	44.0	x	x	x	x	x	x	x	x	14.0
3. Munnar	-	13.0	2.2	175.6	152.8	496.4	685.0	331.6	132.5	244.1	169.8	-
4. Devicolum	-	-	-	67.0	248.1	452.6	753.6	221.5	256.9	540.7	223.0	-
5. Vandanmedu	-	33.1	14.0	66.1	53.7	283.7	454.1	5.3	192.9	408.3	202.1	x
6. Kumily	x	x	x	x	x	x	x	x	x	x	x	x
7. Peermade (Taluk)	-	-	-	140.5	431.8	720.8	641.4	245.9	380.4	527.1	184.3	1.0
8. Peermade (Residency)	x	x	x	x	x	x	x	x	x	x	x	x
9. Velur	-	10.0	34.0	145.1	109.8	245.0	453.4	184.4	200.0	248.1	110.4	-
10. Karikode	-	12.7	42.2	278.7	531.3	712.8	785.9	319.1	273.3	469.2	404.5	43.2

(Contd....)

8.5.6 (Contd.....)

District/Station	Janu- ary	Febru- ary	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
ERNAKULAM												
1. Malayattur	x	x	x	x	x	x	x	x	x	x	x	x
2. Parur	-	6.0	20.0	53.0	293.0	614.0	661.0	190.2	186.0	433.0	574.0	-
3. Perumbavur	x	-	15.5	23.5	153.0	530.1	x	x	x	457.8	x	-
4. Alwaye	-	28.3	64.0	40.1	320.9	568.5	659.0	257.2	137.2	462.2	497.5	-
5. Neriya Mangalam	x	x	x	x	x	x	x	x	x	x	x	x
6. Muvattupuzha	-	57.0	42.0	808.0	x	x	x	x	x	x	x	x
7. Ernakulam	x	x	x	x	x	x	x	x	x	x	x	x
8. Cochin-B	x	0.6	79.9	105.5	710.1	662.5	611.2	254.2	204.8	328.2	424.1	-
TRICHUR												
1. Crangannore	-	10.0	27.0	76.5	350.1	723.0	687.5	165.3	119.5	463.5	468.0	-
2. Mukundapuram	-	3.0	10.0	18.0	383.0	x	x	x	x	x	x	x
3. Trichur	-	21.0	-	32.0	403.9	836.0	1435.0	341.0	335.0	572.0	706.0	x
4. Thalappilly	-	-	82.0	39.0	126.0	600.0	717.0	171.0	241.0	417.8	x	x
5. Ollukara (A.M.)	-	8.6	7.2	61.4	294.6	586.2	x	194.2	168.6	389.9	440.8	-
6. Peechi (A.M.)	-	-	5.0	27.0	x	668.7	868.8	267.8	218.8	420.8	435.8	-
7. Chalakudy	-	4.5	16.5	77.0	345.2	659.0	754.5	289.3	186.4	597.1	517.8	-
PALGHAT												
1. Alathur	-	4.0	1.0	62.5	100.0	409.0	504.5	206.5	118.0	366.2	432.0	x
2. Palghat	-	0.6	5.8	97.4	109.8	410.6	470.6	220.0	325.4	259.2	212.4	x
3. Parali	-	-	2.9	186.3	203.2	494.1	502.6	165.1	282.5	x	x	x
4. Ottappalam	-	x	100.0	87.0	100.0	405.0	477.0	138.0	128.0	395.0	412.0	-
5. Cherpulassery	-	-	40.0	83.0	291.0	661.0	450.0	198.0	77.0	343.0	524.0	x
6. Mannarghat	-	22.2	44.0	96.7	x	532.2	518.6	250.2	257.0	610.0	356.6	-
7. Chittur	-	13.2	19.0	30.0	61.2	256.7	462.6	153.0	105.0	193.6	239.1	-
8. Pattambi (A.M.)	-	2.1	29.0	110.1	140.9	607.7	559.6	155.8	176.8	548.8	356.1	-
MALAPPURAM												
1. Perinthalmanna	-	-	29.6	129.8	252.2	724.6	731.0	178.0	214.0	703.8	540.6	x
2. Ponnani	-	-	x	88.0	320.0	656.0	792.0	187.0	130.0	441.0	457.0	-
3. Manjeri	-	-	60.6	31.2	209.7	x	697.8	250.9	x	335.4	412.0	-
4. Thirurangadi	-	-	22.0	148.0	x	x	x	x	x	x	x	x
5. Nilambur	-	-	-	44.5	331.2	541.0	568.7	x	x	476.5	279.7	-
KOZHIKODE												
1. Kozhikode	-	0.5	4.2	103.4	249.4	721.5	1007.8	254.6	75.7	440.7	380.6	-
2. Vythiri	-	3.0	2.0	44.5	218.5	936.0	1221.0	387.2	588.0	471.0	411.0	-
3. Quilandy	-	-	-	-	449.0	1781.0	2104.0	516.0	267.0	886.9	x	-
4. Badagara	-	-	-	18.0	x	535.5	1328.2	281.8	190.1	243.7	414.3	-
5. Kuttiyadi	-	13.7	48.0	134.7	x	1052.9	2299.6	507.8	323.3	539.1	787.3	-
CANNANORE												
1. Kasargode	-	-	10.7	89.8	114.4	960.3	1776.9	339.0	182.4	346.6	318.6	6.4
2. Thaliparamba	-	-	-	26.0	444.0	x	1304.5	x	x	352.2	304.7	x
3. Cannanore	-	-	14.0	37.6	220.1	717.6	x	264.1	137.7	174.1	424.0	-
4. Hosdurg	-	-	12.0	6.5	126.0	999.8	1539.9	285.6	236.3	482.0	213.3	-
5. Thalassery	-	7.1	2.4	-	172.7	872.7	1275.1	297.9	x	-	x	x
6. Irikkur	-	x	x	x	x	x	x	x	x	x	x	x
7. Payyannur	-	-	-	26.2	271.6	759.8	1317.2	x	x	285.7	295.4	-
8. Mananthody	-	77.3	1.3	38.7	93.0	577.6	971.1	325.0	343.3	260.5	190.3	-
9. Mahi	-	27.0	10.0	4.8	273.6	799.2	1234.0	288.8	171.4	315.8	412.2	-
10. Kasargode (A.M.)	-	-	18.4	47.6	156.5	x	1577.0	354.0	165.2	346.6	217.6	2.0

IX. AGRICULTURE, ANIMAL HUSBANDRY, FISHERIES ETC.

9.1. Land Utilization - Classification of Area (Area in Hectares)

Head of Classification	1960-61		1969-70		1976-77		1977-78		1978-79	
	Area	% to total Area	Area	% to total Area	Area	% to total Area	Area	% to total Area	Area	% to total Area
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. Total Geographical Area according to Village papers	3858523	100.00	3858523	100.00	3885497	100.00	3885497	100.00	3885497	100.00
2. Forests	1056143	27.37	1055733	27.36	1081509	27.83	1081509	27.83	1081509	27.8
3. Land put to non Agricultural uses	209486	5.43	267565	6.94	260388	6.70	257276	6.6	251912	6.5
4. Barren and uncultivable land	146120	3.79	73805	1.91	78837	2.03	75382	1.94	74183	1.9
5. Permanent Pastures and other grazing lands	4439	1.15	27800	0.72	16095	0.42	10616	0.27	10490	0.3
6. Land under miscellaneous crops not included in net area sown	202194	5.24	140235	3.64	72668	1.87	67960	1.75	66913	1.7
7. Cultivable waste	140898	3.65	81275	2.11	115726	2.98	118256	3.04	116492	3.0
8. Fallow land other than current fallow	66409	1.72	23242	0.60	22264	0.57	27118	0.70	26560	0.7
9. Current fallow	60961	1.58	22866	0.59	37409	0.96	46111	1.19	45163	1.2
10. Net area sown	1931773	50.07	2165902	56.13	2200601	56.64	2201269	56.65	2212275	56.9
11. Area sown more than once	409427	10.61	750186	19.44	732849	18.86	722535	18.60	737425	19.0
12. Total cropped area	2341200	60.68	2916088	75.57	2933450	75.50	2923804	75.25	2949700	76.0

Source: Bureau of Economics and Statistics.

9.2.1 Total Area and Classification of Area in each District of Kerala During the Year 1976-77

(Year ending 30th June 1977)

District	Total geographical area according to village papers		Forest	Land put to non-agricultural uses		Barren and uncultivable land		Permanent pastures & grazing lands		Land under miscellaneous tree crops		Cultivable waste land than current fallow		Current fallow	Net area sown	Area sown more than once	Total cropped area (Hectares)
	(1)	(2)		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)					(13)
Trivandrum	218600	49861	236048	16999	1466	36	346	1017	1670	1172	146033	95637	241670				
Quilon	474290	518	182270	24269	3302	75	587	1395	1289	1654	205671	130378	336049				
Alleppey	219550	8141	260993	27855	847	38	287	2068	634	2013	148010	78383	226393				
Kottayam	515048	235319	299390	17686	2212	279	803	1947	1614	1856	185012	73332	258344				
Ernakulam	363230	103619	438980	13411	17346	8219	19830	36384	1048	1318	156499	1222	157721				
Trichur	371150	90876	567670	29380	1561	476	2432	5316	2060	4637	181334	56353	237687				
Palghat	3885497	1081509	385497	18986	4158	328	1803	4968	1379	4067	160082	72491	232573				
Malappuram	371150	90876	567670	31587	11273	1577	8297	18406	4233	6942	220408	88659	309067				
Kozhikode	371150	90876	567670	14157	6930	720	2970	13157	2833	5621	213425	69812	283237				
Cannanore	371150	90876	567670	21474	5023	637	8824	6610	969	1572	235165	45057	280222				
State	3885497	1081509	385497	44584	24719	3710	26489	24458	4535	6557	348962	21525	370487				
				260388	78837	16095	72668	115726	22264	37409	2200601	732849	2933450				

Source: Bureau of Economics and Statistics

9.2.2 Total Area and Classification of Area in each District of Kerala During the Year 1977-78
(Year ending 30th June 1978)

District	(Hectares)												
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Total geogra- phical area acco- rding to village papers	Forest	Land put to non-agricul- tural uses	Barren and uncultivable land	Permanent pastures & grazing lands	Land under miscellane- ous tree crops	Cultivable waste land	Fallow other than current fallow	Current fallow	Net area sown	Area sown more than once	Total cro- pped area	
Trivandrum	218600	49861	16640	1466	50	274	2331	1557	2411	144010	82830	226840	
Quilon	474290	236048	24372	2802	50	401	1217	1429	1834	206137	118453	324590	
Alleppey	182270	518	30230	650	21	231	2792	863	5435	141530	79629	221159	
Kottayam	219550	8141	16416	1788	152	459	1407	3295	3783	184109	53508	237617	
Idukki	515048	260993	13570	17346	5308	17739	39952	1120	1149	157871	1919	159790	
Ernakulam	235319	8123	27610	1561	284	2653	6172	2123	4171	182622	71607	254229	
Trichur	299390	103619	20310	3055	267	1542	5295	1009	4501	159792	74194	233986	
Palghat	438980	136257	32685	11273	1164	9395	20080	5358	6508	216260	101776	318036	
Malappuram	363230	103417	16667	6930	690	2970	13172	4449	7825	207110	70384	277494	
Kozhikode	371150	90876	21688	4073	409	11409	5852	1437	2495	232911	49646	282557	
Cannanore	567670	83656	37088	24438	2221	20887	19986	4478	5999	368917	18589	387506	
State	3885497	1081509	257276	75382	10616	67960	118256	27118	46111	2201269	722535	2923804	

Source: Bureau of Economics & Statistics

9.3.1 Area under Crops in each District 1976-77

(Area in Hectares)

District	(Area in Hectares)																			
	Food crops										Condiments and spices									
	Rice					Pulses including Tur					Sugar crops					Pepper Chillies Ginger				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	
	Autumn	Winter	Summer	Total	Jowar	Ragi	Other cere- als and millets	Total cereals & millets	Autumn	Winter	Summer	Total	Total food grains	Sugar- cane	Palmy- rah	Total	Pepper	Chillies	Ginger	
Trivandrum	16584	17926	3466	37976	..	19	..	37995	211	216	2836	3263	41258	30	873	903	5630	..	..	37
Quilon	23190	25074	1393	49657	..	14	..	49671	1211	2148	137	3496	53167	1315	100	1415	11696	..	..	491
Alleppey	26173	38809	23609	88591	..	44	..	88635	137	413	264	814	89449	1785	15	1800	5057	..	..	187
Kottayam	16366	16204	16677	49247	..	..	..	49247	80	123	1547	1750	50997	174	506	680	14504	..	..	3207
Idukki	8147	7087	490	15724	5	79	10	15818	25	555	1726	2306	18124	2505	242	2747	8229	..	..	918
Ernakulam	41227	41886	16214	99327	7	..	157	99491	1019	185	546	1750	101241	62	365	427	7366	..	..	1665
Trichur	42301	54634	21130	118065	3	11	100	118179	163	30	3198	3391	121570	15	938	953	2386	..	..	38
Palghat	88047	78808	4167	171022	1978	2212	3150	178362	6829	2670	310	9809	188171	1255	5053	6308	1430	267	210	765
Malappuram	44192	40383	7005	91580	..	29	77	91686	726	301	1392	2419	94105	15	1803	1818	5327	331	765	1692
Kozhikode	12974	31310	7442	51726	..	12	..	51738	684	130	1040	1854	53592	6	838	844	16657	495	1692	1137
Cannanore	44621	29557	7281	81459	..	36	246	81741	7	2758	2912	5677	87418	10	189	199	30384	1796	1137	10347
State	363822	381678	108874	854374	1993	2456	3740	862563	11092	9529	15908	36529	899092	7172	10922	18094	108666	2889	10347	10347

(Contd....)

Table 9.3.1. (Contd.....)

District	Fresh fruits										Vegetables								
	Condiments and spices					Others					Jack				Others				
	Turmeric	Carda- mom	Betel nuts	Others	Total	Mango	Banana	Other plantain	Pine- apple	Others	Jack	Dried fruit	Total	Tapioca	Sweet potato	Tubers	Others	Tamarind	Total vegeta- bles
(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	
Trivandrum	17	164	4056	88	9992	8229	710	4283	541	2259	6448	5560	28030	66633	188	1887	381	2001	71090
Quilon	93	149	6866	284	19579	7828	1553	4963	962	2319	6587	8933	33145	85816	101	6292	538	1390	94137
Alleppey	26	..	3156	102	8528	4348	827	3236	456	1457	2505	2867	15696	28677	53	4817	1183	288	35018
Kottayam	631	..	3285	707	22334	6094	1846	4238	432	1727	4584	1080	19721	40262	179	4425	1013	520	46399
Idukki	125	43075	1236	177	53760	1636	106	2131	380	2855	1400	803	9311	9759	205	1040	915	85	12004
Ernakulam	541	..	6444	1278	17294	5472	1149	3459	847	1350	3769	3340	19386	14334	164	3700	1714	671	20583
Trichur	45	7	9668	230	12374	4672	1175	4296	975	2809	2098	5703	21728	9225	111	2090	717	1010	13153
Palghat	244	3455	1936	650	8192	6689	585	2806	264	4434	2972	11453	29203	7954	452	2635	1289	1831	14161
Malappuram	49	182	10934	145	17733	6486	1162	3414	496	2182	4371	24227	42338	29338	881	1630	1131	1132	34112
Kozhikode	339	3384	7781	244	30592	8083	738	3201	1228	3102	8632	4440	29424	8574	229	1614	361	623	11401
Cannanore	245	1265	12994	1663	49484	7561	1611	4488	1664	4346	7286	44920	71876	22706	3400	1678	1792	351	29927
State	2355	51681	68356	5568	249862	67098	11162	40535	8245	28840	50652	113326	319858	323278	5963	31808	11034	9902	381985

(Contd.....)

Table 9.3.1. (Contd.....)

District	Oil seeds										Drugs, narcotics, plantation crops														
	Non-food crops					Coco- nut					Tea					Lemon- grass					Total				
	Total	Ground- nut	Seasa- mum	Others	Total	Cotton	Betel leaves	Tobacco	Tea	Coffee	Rubber	Total	Fodder crop	Green manure crops	Other non-food crops	Total non food crops	Total cropped area								
(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)						
Trivandrum	99120	151273	..	29	79335	760	80124	..	191	..	1070	15	7907	..	8992	88	341	661	9039	241670					
Quilon	127282	201443	..	3055	93465	186	96706	..	399	..	2021	78	33500	5	35604	116	675	1106	134606	336049					
Alleppey	50714	150491	..	6448	64338	316	71102	..	118	..	..	6	3847	..	3853	65	87	677	75902	226393			
Kottayam	66120	140131	..	230	56535	389	57154	..	224	..	2333	1305	55291	42	58971	286	498	1080	118213	258344					
Idukki	21315	95946	..	406	14594	42	15042	..	15	..	24063	3546	15614	907	44130	325	236	2027	61775	157721					
Ernakulam	39969	158931	..	1840	53524	224	55588	..	109	..	30	280	20558	938	21806	20	384	849	78756	237687					
Trichur	34881	169778	..	1555	50030	88	51673	..	64	..	438	24	8924	9	9395	10	212	1441	62795	233573					
Palghat	43364	246035	16622	928	18325	650	36525	7249	55	..	662	1965	8970	..	11597	..	3802	3804	63032	309067					
Malappuram	76450	190106	..	1156	67379	28	68563	..	510	..	174	..	17569	18	17761	..	3943	2354	93131	283237					
Kozhikode	40825	125853	..	21	104885	20	104926	..	33	..	3885	24339	16984	267	45475	..	2913	1022	154369	280222					
Cannanore	101803	238904	..	302	92575	19	92896	..	36	539	1485	8944	20559	146	31673	75	2079	4824	131583	370487					
State	701843	1868891	16622	15970	694985	2722	730299	7249	1754	539	36161	40502	209723	2332	289257	985	15170	19845	1064559	2933450					

Source: Bureau of Economics Statistics

9.3.2 Area under crops in each district 1977-78

(Area in hectares)

District	Food crops																
	Rice			Pulses including Tur				other cereals and millets			Total cereals and millets			Sugar Crops			
	Autumn	winter	Summer	Total	Jowar	Ragi	other cereals and millets	Total cereals and millets	Autumn	Winter	Summer	Total	Total food grains	Sugarcane	Palmyrah	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
Trivandrum	16496	16048	1985	34529	..	19	..	34548	96	61	3368	3525	38073	30	578	608	
Quilon	24246	25124	1013	50383	..	13	..	50396	825	2147	312	3284	53680	1083	137	1220	
Alleppey	31703	31750	27454	90907	..	..	..	90907	134	232	754	1120	92027	2054	17	2071
Kottayam	15581	14393	13554	43528	..	..	..	43528	84	184	1885	2153	45681	142	587	729
Idukki	6584	6840	381	13805	7	411	254	14477	141	274	1726	2141	16618	1996	211	2207	
Ernakulam	42329	39537	17377	99243	3	14	198	99458	509	41	495	1045	100503	32	497	529	
Trichur	44479	56299	18990	119768	..	43	70	119881	2334	321	560	3215	123096	8	806	814	
Palghat	86701	81089	4118	171908	1839	879	1914	176540	6828	3298	193	10319	186859	1255	7678	8933	
Malappuram	42104	40516	5780	88400	..	15	45	88460	1046	184	1391	2621	91081	7	1791	1798	
Kozhikode	12822	29920	6638	49380	..	28	2	49410	257	135	1040	1432	50842	4	508	512	
Cannanore	42066	29343	7114	78523	77	68	109	78777	32	2658	3188	5878	84655	14	576	590	
State	365111	370859	104404	840374	1926	1490	2592	846382	12286	9535	14912	36733	883115	6625	13386	20011	

(Contd...)

9.3.2 Contd..)

District	Food Crops																				
	Fresh fruits										Vegetables										
	Pepper	Chilli- es	Ginger	Turmeric	Cardamom	Betelnuts	Others	Total	Mango	Banana	Other plantain	Pineapple	Others	Jack	Dried fruit cashewnut	Total fruits	Tapioca sweet Potato	others	Tannin		
(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	
Trivandrum	5700	..	97	11	164	3174	76	9222	7303	482	4185	327	2027	7762	5396	27482	50668	128	1399	309	1440
Quilon	10071	..	1047	98	149	5598	245	17208	7037	1245	3995	876	1622	7038	9420	31233	79365	53	6601	457	1083
Alleppey	5083	..	310	19	..	2921	88	8421	4325	641	3088	456	1590	4325	3283	17708	23469	26	5049	1190	236
Kottayam	13058	..	3426	936	..	2576	609	20605	4928	1440	4450	289	1614	4454	1096	18271	30714	56	3569	910	452
Idukki	10350	..	918	168	43354	1245	153	56188	1461	155	2623	380	2855	1299	866	9639	9733	72	1618	1273	88
Ernakulam	7069	..	2387	1050	..	7337	1102	18945	5235	1253	3833	952	2017	5236	4810	23336	14985	205	2934	2422	756
Trichur	3116	..	155	106	7	7694	198	11276	4837	1092	4296	485	2081	4838	6140	23769	7610	29	2079	807	1082
Palghat	1246	108	484	242	3455	1874	560	7969	4927	589	2363	265	3086	5808	13133	30171	12553	1368	2678	1790	2557
Malappuram	3992	155	776	120	184	9285	125	14637	6606	1297	3292	331	1609	5480	22756	41421	27489	1787	2369	1072	1126
Kozhikode	18253	143	2159	494	3390	6335	210	30984	7864	599	3056	961	2476	7858	4380	27194	11807	159	2932	337	606
Cannanore	23107	809	913	430	1305	14388	1434	42386	7675	1586	4540	1113	3320	7692	55683	81609	21329	1114	1677	1903	592
State	101045	1215	12672	3674	52008	62427	4800	237841	62198	10379	39721	6483	24297	61790	126963	331633	289722	4997	32905	12470	10018

(Contd...)

(9.4.1 Contd....)

District	(production in tonnes)													
	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)
	Betel nuts (million nuts)	Banana	Other Plantain	Raw Cashew- nuts	Tapioca	Sweet potato	Ground- nut	Sesa- mum	Coconut (million nuts)	Cotton bales of 170 kg.	Tobacco	Tea	Coffee	Rubber
Trivandrum	481	5173	32679	2658	946189	846	..	14	402	..	..	804	3	5373
Quilon	753	11315	37868	8272	1414248	455	..	693	391	..	..	851	16	26032
Alleppey	311	6026	24691	2612	433596	239	..	1657	334	..	..	..	1	2468
Kottayam	289	11264	32489	410	812487	806	..	83	228	..	..	664	259	35340
Idukki	113	772	16260	643	184933	923	..	138	50	..	..	34340	705	10842
Ernakulam	994	8372	26392	3390	215010	738	..	633	251	..	..	..	55	13443
Trichur	1883	8561	32778	2469	134224	500	..	788	342	..	..	913	5	7833
Palghat	333	4262	21410	7261	130605	2034	17453	167	67	9806	..	1275	788	4453
Malappuram	2293	8466	26049	18631	344722	3965	..	193	345	..	..	133	..	10696
Kozhikode	1677	5377	24424	3672	96715	1031	..	6	575	..	..	1214	9651	11126
Cannanore	2176	11738	34243	37239	412795	15300	..	78	363	..	1047	1450	3547	11743
State	11303	81325	309283	87257	5125524	26837	17453	4450	3348	9806	1047	41644	15030	139349

Source: Bureau of Economics and Statistics

9.4.2 District-wise production of important crops 1977-78

District	Rice															*Processed Cardamom
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)		
	Autumn	Winter	Summer	Total	Jowar	Ragi	Other cereals and millets	Pulses	Sugar (Gur)	Black Pepper	Dry Chillies	Dry ginger	Cured turmeric	(In Metric tonnes)		
Trivandrum	22886	22847	1032	46765	..	16	..	1785	148	1271	..	228	11	9		
Quilon	32671	38528	597	71796	..	11	..	1459	4910	2689	..	2915	113	8		
Alleppey	42670	51285	66063	160018	..	..	..	473	10553	1027	..	728	19	..
Kottayam	23401	21970	23689	69060	..	..	..	634	786	1319	..	11388	804	..
Idukki	9885	12598	330	22813	3	354	152	1628	12239	1232	..	2075	172	2418		
Ernakulam	64305	51602	25530	141437	1	12	127	553	198	1767	..	5905	1034	..		
Trichur	44590	67408	32159	144157	..	51	45	1047	33	676	..	155	85	..		
Palghat	195649	159538	5861	361048	824	607	1229	3546	8770	158	96	779	184	193		
Malappuram	53639	52203	8719	114561	..	13	29	973	44	687	120	1006	96	10		
Kozhikode	9736	40956	8096	58788	..	26	1	374	25	5969	115	4920	477	189		
Cannanore	52360	40255	11577	104192	35	101	70	3619	49	3351	790	2008	552	73		
State	551792	559190	183653	1294635	863	1191	1653	16091	37755	20146	1121	32107	3547	2900		

(Contd....)

(9.4.2. Continued)

District	(In M. tonnes)														
	Betal nuts (No. in millions)	Banana	Other plantains (No. in '000)	Jack	Raw Cashew nuts	Tapioca	Sweet Potato	Ground nut	Sesamum	Coconut (in million nuts)	Cotton (Bales of 170 Kg.)	Tobacco	Tea*	Coffee*	Rubber*
(1)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
Trivandrum	386	5831	50789	25653	3923	711885	576	..	2	320	..	..	1119	18	5146
Quilon	679	12481	43386	26132	8940	1003967	239	..	1097	357	..	..	852	40	22749
Alleppey	321	7854	32214	18087	2505	349688	117	..	789	283	..	..	..	7	2787
Kottayam	239	20614	66625	17353	746	506167	252	..	40	192	..	..	844	468	34766
Idukki	156	1811	36250	4240	581	187360	324	..	68	40	..	..	37506	1712	10446
Ernakulam	1269	14644	52972	25316	2506	264935	923	..	808	276	..	..	..	65	13131
Trichur	1574	17297	45177	18849	3629	139415	131	..	464	311	..	..	971	12	6133
Palghat	280	8107	30100	24998	5883	183023	6156	13288	297	62	7369	..	1389	1380	4933
Malappuram	1619	16573	34513	38790	7373	325745	8043	..	630	266	..	..	127	..	10984
Kozhikode	1418	6906	35981	35911	5208	169785	716	..	26	524	..	..	7184	14775	11276
Cannanore	2607	18561	56541	36722	43433	346596	5013	..	210	422	..	768	1991	9168	13556
State	10548	130679	484548	272051	84727	4188566	22490	13288	4431	3053	7369	768	51983	27645	135907

Source: Bureau of Economics and Statistics.

*Commodity Board Estimates.

9.5. Production of important crops 60-61, 70-71, 75-76, 77-78

(In '000 Tonnes)

Crops	1960-61	1970-71	1975-76	1976-77	1977-78
(1)	(2)	(3)	(4)	(5)	(6)
FOOD CROPS					
Rice ..	1067.530	1298.010	1331.191	1254.000	1294.635
Jowar ..	0.640	0.840	1.438	0.892	0.863
Ragi ..	8.010	4.880	5.001	2.192	1.191
Other cereals & Millets ..	2.910	3.170	3.297	2.400	1.653
Pulses ..	17.550	13.050	14.169	16.270	16.091
Sugarcane (Gur) ..	38.090	37.630	41.831	40.460	37.755
Pepper (Black) ..	27.030	25.030	25.580	24.497	20.146
Chillies (dry) ..	N.A.	2.730	2.442	2.530	1.121
Ginger (dry) ..	11.270	19.680	28.840	25.447	32.107
Turmeric (cured) ..	4.190	5.340	2.608	2.213	3.547
Cardamom (Processed) ..	1.280	1.250	2.050	1.420	2.900
Betelnut (Million nuts) ..	7737.000	12738.000	11.387	11.303	10.548
Banana and other Plantains ..	327.850	368.980	395.042	390.609	615.227
Cashewnut (Raw) ..	84.630	115.240	119.888	87.257	84.727
Tapioca ..	1683.000	4617.190	5390.217	5125.524	4188.566
NON-FOOD CROPS					
Groundnut ..	13.800	16.090	35.268	17.453	13.288
Sesamum ..	2.590	3.900	4.271	4.450	4.431
Coconut (million nuts) ..	3220.000	3981.000	3.439	3.348	3.053
Cotton ..	1.970	1.290	..	9.806	7.369
Tobacco ..	1.010	1.630	1.230	1.047	0.768
Tea ..	40.370	41.450	45.801	41.644	51.983*
Coffee ..	7.410	12.570	17.528	15.030	27.645*
Rubber ..	23.040	78.730	126.265	139.349	135.907*
Lemon grass oil ..	..	1.600	..	..	..

Source: Bureau of Economics and Statistics

* Commodity Board Estimates.

9.6.1 Area, Production and average yield of Rice 1976-77 (Taluk-wise)

Area in hectares
Production in Tonnes
Mean Yield—Kg./Hectare.

Taluk/District	Autumn			Winter			Summer		
	Area	Production	Mean Yield	Area	Production	Mean yield	Area	Production	Mean yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. Neyyattinkara ..	4299	9078	3214	4416	7117	2453	1028	1068	1581
2. Trivandrum ..	3440	4970	2199	4374	5995	2086	894	748	1273
3. Nedumangad ..	4592	5774	1914	4737	6710	2156	1124	855	1158
4. Chirayinkil ..	4253	3482	1246	4399	7035	2434	420	204	738
TRIVANDRUM DISTRICT ..	16584	23304	2139	17926	26857	2280	3466	2875	1262
5. Quilon ..	2834	2307	1239	3372	5696	2571	582	505	1322
6. Kottarakkara ..	5715	5782	1540	5787	10786	2837	228	172	1147
7. Kunnathur ..	4910	5265	1632	4619	8100	2669	178	178	1521
8. Pathanapuram ..	3947	4546	1753	4193	7829	2842	8	5	929
9. Pathanamthitta ..	1909	2890	2304	2300	4319	2858	96	83	1316
10. Karunagappally ..	3875	1421	558	4803	6564	2080	301	201	1018
QUILON DISTRICT ..	23190	22211	1458	25074	43294	2628	1393	1144	1250
11. Karthigappally ..	2064	2864	2112	4342	5143	1803	5759	14064	3717
12. Mavelikkara ..	4461	3737	1275	4797	6606	2096	2133	4227	3016
13. Chengannur ..	2923	4021	2094	2747	5429	3008	2164	5026	3535
14. Thiruvalla ..	2076	2328	1707	1603	2991	2890	4572	9892	3293
15. Kuttanad ..	6272	14155	3435	18354	45606	3782	5920	11847	3046
16. Ambalapuzha ..	4189	7326	2662	2815	3978	2151	3061	6126	3046
17. Shertalai ..	4188	4518	1642	4151	2141	785	..	..	..
ALLEPPEY DISTRICT ..	26173	38949	2265	38809	71894	2820	23609	51182	3300
18. Changanacherry ..	1454	2494	2611	1022	2343	3191	3242	7038	3304
19. Kanjirappally ..	26	37	2156	31	39	1911	..	..	..
20. Kottayam ..	8578	13475	2391	6156	10475	2590	11386	18971	2536
21. Vaikom ..	3793	4967	1993	6643	8362	1916	1650	1734	1600
22. Meenachil ..	2515	3789	2293	2352	3936	2547	399	678	2585
KOTTAYAM DISTRICT ..	16366	24762	2303	16204	24955	2344	16677	28421	2594
23. Peermade ..	183	291	2424	110	231	3198	110	133	1836
24. Devicolam ..	1855	2931	2405	1995	3096	2362	319	385	1836
25. Udumbanchola ..	1479	2355	2424	1432	1954	2077	..	..	..
26. Thodupuzha ..	4630	6996	2300	3550	5605	2403	61	73	1836
IDUKKI DISTRICT ..	8147	12573	2300	7087	10886	2338	490	591	1836
27. Kothamangalam ..	4822	7027	2218	4960	8789	2697	704	749	1620
28. Muvattupuzha ..	5006	7249	2204	6632	9150	2100	1896	2287	1836
29. Cochin ..	1642	2318	2149	..	..	..	..	..	..
30. Kanayannur ..	6068	6797	1705	3402	2432	1088	37	43	1770
31. Kunnathunad ..	10661	16068	2294	12606	16639	2009	4511	4769	1609
32. Alwaye ..	8962	12600	2140	10354	15149	2227	5504	8136	2250
33. Parur ..	4066	5548	2077	3932	5694	2204	3562	5769	2465
ERNAKULAM DISTRICT ..	41227	57607	2127	41886	57853	2102	16214	21753	2042
34. Cranganore ..	718	553	1130	990	851	1309	73	75	1568
35. Mukundapuram ..	10742	10572	1498	16823	20481	1853	9564	14835	2361
36. Trichur ..	7840	6768	1314	14804	22983	2363	7987	12116	2309
37. Thalappally ..	16603	19667	1803	15862	23427	2248	1637	2624	2440
38. Chowghat ..	6398	3556	846	6155	5378	1330	1869	4306	3501
TRICHUR DISTRICT ..	42301	41096	1479	54634	73120	2037	21130	33950	2446
39. Chittur ..	21022	42332	3065	16021	33556	3188	140	151	1647
40. Alathur ..	19181	33193	2634	18593	37074	3035	45	84	2839
41. Palghat ..	19345	40290	3170	17202	32707	2894	983	2143	3318
42. Ottappalam ..	21121	25005	1802	19403	28377	2226	1488	1770	1811
43. Mannarghat ..	7378	10591	2185	7589	12870	2481	1511	1665	1677
PALGHAT DISTRICT ..	88047	151411	2617	78808	144084	2783	4167	5813	2123
44. Perinthalmanna ..	8651	13021	2291	6891	10345	2285	1768	2863	2465
45. Ponnani ..	4309	3627	1281	4716	6615	2135	2877	7057	3733
46. Tirur ..	13173	10463	1209	11628	14974	1960	1594	2093	2000
47. Ernad ..	18059	16907	1425	17148	21293	1890	766	791	1572
MALAPPURAM DISTRICT ..	44192	44018	1516	40383	53227	2006	7005	12805	2782
48. Kozhikode ..	5726	3077	818	6862	7389	1639	951	835	1337
49. Quilandy ..	4104	2831	1050	6376	5651	1349	1505	1561	1579
50. Badagara ..	2835	2302	1236	3662	3262	1356	92	78	1293
51. South Wynad ..	309	245	987	14410	21699	2292	4894	6100	1897
KOZHIKODE DISTRICT ..	12974	8455	987	31310	38001	1847	7442	8514	1754
52. North Wynad ..	227	282	1889	8144	13237	2474	2572	3709	2195
53. Tellicherry ..	6952	8943	1958	3939	4922	1902	427	330	1176
54. Cannanore ..	9026	12972	2189	2784	2941	1608	27	39	2180
55. Taliparamba ..	9818	12411	1974	5287	6881	1981	385	349	1379
56. Hosdurg ..	9427	13514	2182	2894	4257	2239	1915	3898	3098
57. Kasargode ..	9177	15405	2555	6509	11328	2649	1955	3180	2476
CANNANORE DISTRICT ..	44621	63527	2168	29557	43566	2243	1281	11505	2405
STATE ..	363822	487913	2038	381678	587737	2344	108874	178619	2497

Source: Bureau of Economics and Statistics.

9.6.2. Area, Production and Average Yield of Rice 1977-78 (Taluk-wise)

Area in hectares
Production in Tonnes
Mean Yield—Kg./Hectare.

Taluk/District	Autumn			Winter			Summer		
	Area	Production	Mean Yield	Area	Production	Mean yield	Area	Production	Mean yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. Neyyattinkara ..	4043	6965	2622	3960	5339	2052	528	303	874
2. Trivandrum ..	3835	5845	2320	3584	4813	2044	420	126	458
3. Nedumangad ..	4492	4763	1614	4306	5734	2027	819	481	894
4. Chirayinkil ..	4126	5313	1960	4198	6961	2524	218	122	854
TRIVANDRUM DISTRICT ..	16496	22886	2112	16048	22847	2167	1985	1032	791
5. Quilon ..	3227	2847	1343	3609	5425	2288	288	202	1070
6. Kottarakkara ..	5895	8738	2256	6148	10025	2482	141	77	827
7. Kunnathur ..	4996	6394	1948	4760	7409	2369	69	20	434
8. Pathanapuram ..	4003	7272	2879	3755	7214	2924	18	8	683
9. Pathanamthitta ..	1964	3172	2458	2308	3768	2485	73	33	683
10. Karunagappally ..	4161	3948	1444	4544	4687	1570	424	257	923
QUILON DISTRICT ..	24246	32671	2051	25124	38528	2334	1013	597	896
11. Karthigappally ..	2977	3704	1894	4143	3285	1207	5076	14530	4357
12. Mavelikkara ..	5120	5224	1553	5430	7495	2101	1984	4717	3619
13. Chengannur ..	3238	4772	2243	2813	4147	2244	1845	3507	2893
14. Thiruvalla ..	1931	2738	2158	1423	2654	2839	4191	11978	4350
15. Kuttanad ..	9620	21047	3330	10609	27002	3874	11844	28403	3650
16. Ambalapuzha ..	4243	3111	1116	3135	4002	1943	2514	2928	1773
17. Sherthalai ..	4574	2074	690	4197	2700	979	..	..	..
ALLEPPEY DISTRICT ..	31703	42670	2049	31750	51285	2458	27454	66063	3662
18. Changanacherry ..	1664	2812	2572	344	603	2670	3789	7294	2930
19. Kanjirappally ..	46	82	2726	13	20	2372	..	..	..
20. Kottayam ..	7011	10650	2312	6262	10405	2529	7767	13273	2601
21. Vaikom ..	4706	5995	1939	5491	6930	1921	1650	2283	2106
22. Meenachil ..	2154	3862	2729	2283	4012	2675	348	839	3670
KOTTAYAM DISTRICT ..	15581	23401	2286	14393	21970	2323	13554	23689	2660
23. Peermade ..	180	270	2285	47	96	3107	52	45	1315
24. Devicolam ..	1470	2206	2284	1732	4487	3943	319	276	1315
25. Udumbanchola ..	1100	1651	2285	1919	3003	2382	..	..	..
26. Thodupuzha ..	3834	5758	2286	3142	5012	2428	10	9	1315
IDUKKI DISTRICT ..	6584	9885	2285	6840	12598	2803	381	330	1315
27. Kothamangalam ..	4833	7360	2318	4368	6078	2118	630	641	1548
28. Muvattupuzha ..	5924	11046	2838	6283	9143	2215	761	657	1315
29. Cochin ..	2375	4637	2972	..	..	..	..	..	..
30. Kanayannur ..	4697	5147	1668	4026	4830	1826	856	1175	2090
31. Kunnathunad ..	11211	15814	2147	11598	14950	1962	5224	6556	1881
32. Alwaye ..	9606	16258	2576	9489	11103	1781	6930	11023	2421
33. Parur ..	3683	4043	1673	3773	5498	2218	2976	5578	2853
ERNAKULAM DISTRICT ..	42329	64305	2312	39537	51602	1986	17377	25530	2236
34. Cranganore ..	605	381	959	1497	1193	1213	33	45	..
35. Mukundapuram ..	11788	11199	1446	16663	19071	1742	8532	13341	..
36. Trichur ..	8468	10448	1878	15250	20389	2035	7102	13937	..
37. Thalappally ..	17264	19089	1683	16651	21792	1992	3030	3080	..
38. Chowghat ..	6354	3473	832	6238	4963	1211	1293	1756	..
TRICHUR DISTRICT ..	44479	44590	1526	56299	67408	1822	18990	32159	2577
39. Chittur ..	20690	64242	4726	17936	36412	3090	564	814	2196
40. Alathur ..	19525	45565	3552	18503	42256	3476	207	318	2337
41. Palghat ..	18533	46951	3856	18476	41891	3451	743	1402	2872
42. Ottappalam ..	25044	28615	2120	18677	28493	2322	1306	2102	2450
43. Mannarghat ..	7409	10276	2111	7497	10486	2129	1298	1225	1436
PALGHAT DISTRICT ..	86701	195649	3435	81089	159538	2994	4118	5861	2166
44. Perinthalmanna ..	8723	12442	2171	7106	10673	2286	1510	2316	2335
45. Ponnani ..	5225	5973	1740	5623	6399	1732	1646	2604	2408
46. Tirur ..	11549	15388	2028	11837	14613	1879	1745	2885	2516
47. Ernad ..	16607	19836	1818	15950	20518	1958	879	914	1582
MALPPURAM DISTRICT ..	42104	53639	1939	40516	52203	1961	5780	8719	2295
48. Kozhikode ..	6053	4116	1035	7238	8484	1784	873	919	1602
49. Quilandy ..	3906	2715	1058	5503	4205	1163	1449	1404	1475
50. Badagara ..	2719	2796	1565	3522	3485	1506	133	120	1377
51. South Wynad ..	144	109	1156	13657	24782	2762	4183	5653	2057
KOZHIKODE DISTRICT ..	12822	9736	1156	29920	40956	2083	6638	8096	1856
52. North Wynad ..	30	37	1894	7595	12605	2526	2024	4378	3292
53. Tellicherry ..	6799	7571	1695	4183	4721	1718	500	537	1636
54. Cannanore ..	8645	11041	1944	3276	3558	1653	54	52	1476
55. Taliparamba ..	8854	10540	1812	4703	6121	1981	562	786	2129
56. Hosdurg ..	8998	10726	1944	3440	4577	2025	1677	2536	2211
57. Kasargode ..	9340	12445	2028	6146	8673	2148	2297	3388	2245
CANNANORE DISTRICT ..	42066	52360	1894	29343	40255	2088	7114	11577	2476
STATE ..	365111	551792	2300	370859	559190	2295	104404	180653	2677

9.6.3. Area, Production and Average Yield of Rice 1978-79 (Taluk-wise)

Area in hectares
Production in Tonnes
Mean Yield—Kg./Hectare.

Taluk/District	Autumn			Winter			Summer		
	Area	Production	Mean Yield	Area	Production	Mean yield	Area	Production	Mean yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. Neyyattinkara ..	3958	7175	2759	4066	5292	1981	407	317	1183
2. Trivandrum ..	3499	5669	2466	3625	5375	2257	349	359	1565
3. Nedumangad ..	4080	5474	2042	4060	5970	2238	594	463	1186
4. Chirayinkil ..	3998	7008	2668	4300	7258	2569	144	89	945
TRIVANDRUM DISTRICT ..	15535	25326	2481	16051	23895	2266	1494	1228	1251
5. Quilon ..	3571	5176	2206	3785	6239	2509	227	207	1387
6. Kottarakkara ..	5991	11158	2835	6117	11490	2859	105	105	1524
7. Kunnathur ..	4638	6399	2100	4526	6807	2289	105	99	1432
8. Pathanapuram ..	3979	6868	2627	3968	6981	2678	14	19	2087
9. Pathanamthitta ..	2077	3773	2765	2449	3384	2103	55	75	2087
10. Karunagappally ..	4355	5817	2033	4519	6835	2302	334	67	304
QUILON DISTRICT ..	24611	39191	2424	25364	41736	2504	840	572	1035
11. Karthigappally ..	1735	2850	2500	4187	5535	2012	4278	13084	4655
12. Mavelikkara ..	5031	6650	2012	4917	5689	1761	2440	5811	3625
13. Chengannur ..	2948	4714	2434	2158	2545	1795	1793	4760	4041
14. Thiruvalla ..	1832	1956	1625	969	1879	2951	3302	8459	3899
15. Kuttanad ..	10678	14985	2136	1380	3170	3496	16755	43482	3950
16. Ambalapuzha ..	1369	1098	1221	896	431	732	1008	2726	4116
17. Sherthalai ..	4201	4491	1627	2347	1246	808	..	..	..
ALLEPPEY DISTRICT ..	29071	36744	1924	16854	20495	1851	29576	78322	4031
18. Changanacherry ..	1726	2663	2348	554	940	2583	2439	8236	5140
19. Kanjirappally ..	26	46	2701	16	24	2247	..	..	..
20. Kottayam ..	6168	11805	2913	2899	3964	2081	7767	13875	2719
21. Vaikom ..	3584	5898	2505	7064	9463	2039	..	..	..
22. Meenachil ..	2435	4116	2573	2771	4633	2545	..	..	..
KOTTAYAM DISTRICT ..	13939	24528	2678	13304	19024	2176	10206	22111	3297
23. Peermade ..	..	..	..	22	33	2263	22	26	1806
24. Devicolum ..	176	323	2791	1174	2092	2712	252	299	1806
25. Udumbanchola ..	3	5	2588	1325	2870	3297	..	..	..
26. Thodupuzha ..	2983	5072	2588	2875	5064	2681	..	..	..
IDUKKI DISTRICT ..	3162	5400	2599	5396	10059	2837	274	325	1806
27. Kothamangalam ..	4018	5779	2189	3634	5126	2147	792	939	1805
28. Muvattupuzha ..	5171	8269	2434	7009	11858	2575	761	903	1806
29. Cochin ..	2019	3180	2397	..	..	..	..	..	..
30. Kanayannur ..	5276	6524	1882	3562	4095	1750	591	795	2048
31. Kunnathunad ..	12165	19789	2476	11220	16645	2258	6659	7914	1809
32. Alwaye ..	9357	16432	2673	9619	14813	2344	7722	10162	2003
33. Parur ..	3783	6949	2796	3884	6015	2356	2923	4227	2201
ERNAKULAM DISTRICT ..	41789	66922	2437	38928	58552	2289	19448	24940	1952
34. Cranganore ..	825	367	678	2144	2071	1470	49	48	1498
35. Mukundapuram ..	12840	16087	1907	16797	22601	2048	9739	13923	2176
36. Trichur ..	8848	12818	2205	12640	18494	2227	8120	12067	2262
37. Thalappally ..	16026	21132	2007	15761	22563	2179	3230	4526	2133
38. Chowghat ..	3902	2666	1040	4075	2439	911	791	1231	2369
TRICHUR DISTRICT ..	42441	53070	1903	51417	68168	2018	21929	31795	2207
39. Chittur ..	19632	50213	3893	17324	34635	3043	1066	1780	2542
40. Alathur ..	21023	49516	3583	22178	46088	3163	51	78	2327
41. Palghat ..	19518	48459	3779	17509	40043	3481	580	1158	3040
42. Ottappalam ..	20388	27406	2046	18766	26064	2114	1184	1567	2014
43. Mannarghat ..	7157	10853	2308	7442	11011	2252	595	455	1164
PALGHAT DISTRICT ..	87718	186447	3235	83219	157841	2887	3476	5038	2206
44. Perinthalmanna ..	7855	13341	2585	6518	9357	2185	652	1083	2528
45. Ponnani ..	4694	5955	1931	3841	4800	1902	1436	2518	2669
46. Tirur ..	9451	10475	1687	9971	10449	1595	2830	5758	3097
47. Ernad ..	17436	24732	2159	16052	23434	2222	726	768	1611
MALAPPURAM DISTRICT ..	39436	54503	2103	36382	48040	2010	5644	10127	2731
48. Kozhikode ..	5024	3875	1174	6822	7897	1762	1006	1237	1872
49. Quilandy ..	3490	2508	1094	5606	5488	1490	1938	1835	1441
50. Badagara ..	2204	1658	1145	3097	2342	1151	279	370	2020
51. South Wynad ..	..	..	..	15251	28917	2886	4192	7316	2522
KOZHIKODE DISTRICT ..	10718	8041	1142	30776	44644	2208	7415	10758	2208
52. North Wynad ..	..	..	..	9122	11417	1905	2208	4925	3395
53. Tellicherry ..	6821	6942	1549	4479	4835	1643	586	635	1650
54. Cannanore ..	7474	9727	1981	2818	2211	1194	29	31	1608
55. Taliparamba ..	8472	7954	1429	3969	4044	1551	288	413	2183
56. Hosdurg ..	6927	7441	1635	2407	2998	1896	1169	2275	2962
57. Kasargode ..	8713	11935	2085	5241	12045	2298	2102	5063	3666
CANNANORE DISTRICT ..	38407	43999	1744	28036	37550	2038	6382	13342	3182
STATE ..	346827	544171	2388	345727	530004	2333	106684	198558	2832

Source: Bureau of Economics & Statistics

9.7.1. Season-wise area, mean yield and Production of Paddy during 1976-77

District	Area under H. Y. V. (Hectares)					Mean yield of H. Y. V. (dry paddy in Kg/hectare)					Production of rice (in Tonnes)					
	Autumn	Summer	Winter	Total	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	Autumn	Winter	Summer	Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Trivandrum	2120	2322	2294	6736	2328	2035	1367	1897	3243	3067	2085	8395	3243	3067	2085	8395
Quilon	2226	230	779	3235	1368	2439	1178	1612	2001	1248	178	34287	24009	57952	52332	134293
Alleppey	15711	21553	23976	61240	2326	3679	3696	3338	19327	15880	27856	63063	19327	15880	27856	63063
Kottayam	11402	14448	10113	35963	2580	2390	2934	2669	7337	1150	391	8878	7337	1150	391	8878
Idukki	4577	304	759	5640	2440	2307	1956	2396	34616	1835	8560	45011	34616	1835	8560	45011
Ernakulam	21453	6705	1965	30123	2456	1421	1943	2274	12937	17728	23360	54025	12937	17728	23360	54025
Trichur	11672	13734	11536	36942	1687	2339	2589	2226	63825	23318	4250	91393	63825	23318	4250	91393
Palghat	33510	2379	12850	48739	2899	2762	2719	2854	10179	6279	12617	29075	10179	6279	12617	29075
Malappuram	7720	5686	4360	17766	2007	2192	3377	2491	1017	3791	4872	9680	1017	3791	4872	9680
Kozhikode	1225	4017	2705	7947	1264	2133	1846	1854	7293	4240	3682	15215	7293	4240	3682	15215
Cannanore	4148	2029	3466	9643	2676	1862	2762	2401	185784	136488	140183	462455	185784	136488	140183	462455
State	115764	73407	74803	263974	2443	2777	2907	2666								

Source: Bureau of Economics & Statistics

9.7.2. Season-wise area, mean yield and Production of high yielding varieties of paddy during 1977-78

District	Area under H. Y. V. (Hectare)					Mean Yield of H. Y. V. (Dry paddy in Kg/hectare)					Production of Rice (in tonnes)					
	Autumn	Winter	Summer	Total	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	Autumn	Winter	Summer	Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Trivandrum	1536	1053	1738	4327	2403	2257	784	1753	2526	1561	895	4982	2526	1561	895	4982
Quilon	3976	804	158	4938	2916	2340	827	2755	7617	1236	86	8939	23771	27891	50948	102610
Alleppey	13361	11424	19416	44201	2708	3716	3994	3533	16346	15217	24908	56471	16346	15217	24908	56471
Kottayam	9916	9133	12587	31636	2509	2536	3012	2717	3224	2164	..	5339	3224	2164	..	5339
Idukki	2105	2247	..	4352	2331	1466	..	1884	43075	5404	5400	53879	43075	5404	5400	53879
Ernakulam	24238	8648	4220	32654	2705	1949	1959	2511	15146	9880	17268	42294	15146	9880	17268	42294
Trichur	11661	38498	9582	29891	1977	1739	2743	3651	152144	82383	3637	238164	152144	82383	3637	238164
Palghat	59454	5711	1908	15444	3895	1820	2589	2596	11995	6829	5088	23912	11995	6829	5088	23912
Malappuram	6742	2686	3434	8637	1421	2745	2339	2198	2350	4844	5277	12471	2350	4844	5277	12471
Kozhikode	2517	5141	5589	17353	2187	2706	2559	2472	9516	9140	9529	28185	9516	9140	9529	28185
Cannanore	6623	89565	61599	293293	3081	2831	3039	2996	287710	166549	123036	577295	287710	166549	123036	577295
State	142129	89565	61599	293293	3081	2831	3039	2996								

Source: Bureau of Economics & Statistics

9.7.3. Season-wise area, mean yield and Production of high yielding varieties of paddy during 1978-79

District	Area under H.Y.V.(Hectare)			Mean yield of H. Y. V. (dry paddy in Kg/hectare)			Production of rice (in tonnes)					
	Autumn	Winter	Summer	Total	Autumn	Winter	Summer	Annual average	Autumn	Winter	Summer	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	2079	1058	854	3991	2739	2156	1180	2251	3651	1499	662	5812
Quilon	6102	1509	176	7787	2932	2510	1938	2828	11755	2488	224	14467
Alleppey	13255	3262	24998	41515	2111	3001	4202	3440	18385	6433	69018	93836
Kottayam	10447	10404	9644	30495	2800	2024	3534	2767	19217	13838	22393	55448
Idukki	2424	1292	..	3716	2655	2931	..	2751	4228	2488	..	6716
Ernakulam	22105	2715	4314	29134	2511	1889	2068	2387	36467	3369	5863	45699
Trichur	11471	6678	5854	24003	2356	2281	2432	2354	17759	10007	9356	37122
Palghat	59179	39488	2018	100685	3899	3079	2673	3553	151578	79881	3543	235002
Malappuram	10732	7583	3174	21489	2823	2162	2993	2615	19906	10773	6244	36923
Kozhikode	1982	2017	4444	8443	1389	1321	2589	2004	1809	1751	7560	11120
Cannanore	5133	1903	940	7976	2031	2220	2721	2157	6849	2776	1681	11306
State	144909	77909	56416	279234	3063	2643	3414	3017	291604	135303	126544	553451

Source: Bureau of Economics & Statistics.

9.7.4 Season-wise Area under Paddy (In Hectares) 1976-77

District	Area under Autumn Paddy					Area under Winter Paddy					Area under Summer Paddy				
	High yielding Variety		Others			High yielding Variety		Others			High yielding Variety		Others		
	Irrigated	Unirrigated	Irrigated	Unirrigated	Total	Irrigated	Unirrigated	Irrigated	Unirrigated	Total	Irrigated	Unirrigated	Irrigated	Unirrigated	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Trivandrum ..	700	1420	6317	8147	16584	997	1297	7981	7651	17926	1192	1130	587	557	3466
Quilon ..	959	1267	4432	16532	23190	217	562	5548	18747	25074	188	42	758	405	1393
Alleppey ..	120	15591	18	10444	26173	1337	22639	109	14724	38809	11302	10251	1588	468	23609
Kottayam ..	104	11298	103	4861	16366	4938	5175	1311	4780	16204	3483	10965	1136	1093	16677
Idukki ..	2492	2085	1934	1636	8147	606	153	3536	2792	7087	280	24	69	117	490
Ernakulam ..	15454	5999	12045	7729	41227	1835	130	33669	6252	41886	6615	90	9243	266	16214
Trichur ..	1851	9821	1326	29303	42301	8426	3110	18531	24567	54634	13712	22	6639	757	21130
Palghat ..	15795	17715	18277	36260	88047	9179	3671	43008	22950	78808	1715	664	1245	543	4167
Malappuram ..	2313	5407	2899	33573	44192	1279	3081	4939	31084	40383	5554	132	1148	171	7005
Kozhikode ..	22	1203	11	11738	12974	47	2658	305	28300	31310	2205	1812	811	2614	7442
Cannanore ..	66	4082	453	40020	44621	1667	1799	9569	16522	29557	882	1147	4011	1241	7281
State ..	39876	75888	47815	200243	363822	30528	44275	128506	178369	381678	47128	26279	27235	8232	108874

Source: Bureau of Economics & Statistics

9.7.5 Season-wise Area under Paddy (In Hectares) 1977-78

District	Area under Autumn Paddy					Area under Winter Paddy					Area under Summer Paddy				
	High yielding Variety		Others			High yielding Varieties		Others			High yielding Varieties		Others		
	Irrigated	Unirrigated	Irrigated	Unirrigated	Total	Irrigated	Unirrigated	Irrigated	Unirrigated	Total	Irrigated	Unirrigated	Irrigated	Unirrigated	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Trivandrum ..	284	1252	1848	13112	16496	303	750	2794	12201	16048	834	904	120	127	1985
Quilon ..	523	3453	712	19558	24246	171	633	835	23485	25124	95	63	436	419	1013
Alleppey ..	3	13358	90	18252	31703	762	10662	156	20170	31750	11344	8072	1233	6805	27454
Kottayam ..	127	9789	56	5609	15581	672	8461	814	4446	14393	2309	10278	908	59	13554
Idukki ..	115	1990	712	3767	6584	1485	762	547	4046	6840	..	..	..	381	381
Ernakulam ..	15400	8838	6726	11365	42329	3501	719	23863	11454	39537	3425	771	12404	777	17377
Trichur ..	2849	8812	2397	30421	44479	4528	4120	17914	29737	56299	9305	277	9395	13	18990
Palghat ..	11549	47905	3698	23549	86701	32524	5974	21182	21409	81089	1682	226	1046	1164	4118
Malappuram ..	1804	4938	5584	29978	42104	2575	3136	8752	26053	40516	2850	161	1983	806	5780
Kozhikode ..	100	2417	196	10109	12822	327	2359	476	26758	29920	2693	741	400	2804	6638
Cannanore ..	87	6536	409	35034	42066	1326	3815	8560	15642	29343	2267	3322	1221	304	7114
Total ..	32841	109288	22428	200554	365111	48174	41391	85893	195401	370859	36784	24815	29146	13659	104404

Source: Bureau of Economics & Statistics.

9.7.6 Season-wise Area under Paddy (In Hectares) 1978-79

District	Area under Autumn Paddy					Area under Winter Paddy					Area under Summer Paddy				
	High yielding Variety		Others			High yielding Variety		Others			High yielding Variety		Others		
	Irri-gated	Unirri-gated	Irri-gated	Unirri-gated	Total	Irri-gated	Unirri-gated	Irri-gated	Unirri-gated	Total	Irri-gated	Unirri-gated	Irri-gated	Unirri-gated	Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Trivandrum ..	349	1730	3074	10382	15535	373	685	3881	11112	16051	562	292	586	54	1494
Quilon ..	264	5838	95	18414	24611	657	852	4086	19769	25364	52	124	65	599	840
Alleppey ..	1	13254	1	15815	29071	1209	2053	135	13457	16854	9286	15712	975	3603	29576
Kottayam ..	21	10426	66	3426	13939	510	9894	120	2780	13304	521	9123	81	481	10206
Idukki ..	169	2255	185	553	3162	450	842	400	3704	5396	..	..	112	162	274
Ernakulam ..	12884	9221	2885	16799	41789	1975	740	28642	7571	38928	4280	34	14835	299	19448
Trichur ..	73	11398	372	30598	42441	3872	2806	27367	17372	51417	5821	33	15759	316	21929
Palghat ..	16032	43147	2936	25603	87718	37343	2145	21690	22041	83219	1991	27	1270	188	3476
Malappuram ..	692	10040	1327	27377	39436	3806	3777	9535	19264	36382	3005	169	2306	164	5644
Kozhikode ..	..	1982	..	8736	10718	102	1915	875	27884	30776	4234	210	2420	551	7415
Cannanore ..	7	5126	8	33266	38407	1120	783	9002	17131	28036	818	122	4526	916	6382
State ..	30492	114417	10949	190969	346827	51417	26492	105733	162085	345727	30570	25846	42935	7333	106684

Sources: Bureau of Economics & Statistics.

9.8.1.1 Distribution of Plantations According to Size

A. Tea

Size group (Hectares)	31-3-1975		31-3-1976		31-3-1977		31-3-1978**	
	Number	Area (Hectares)	Number	Area (Hectares)	Number	Area (Hectares)	Number	Area (Hectares)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Upto 5	3953	1833	3858	1827	3878	1849	3889	2127
5 - 50 ..	123	1766	119	1710	120	1759	79	1513
50 - 100 ..	20	1493	21	1555	20	1453	19	1393
100 - 200 ..	32	4742	32	4648	31	4423	31	4426
200 - 400 ..	57	16500	56	16080	55	15756	55	15743
400 and above ..	18	10078	19	10507	20	10954	20	10948
Total ..	4203	36412	4105	36327	4124	36194	4093	36150

** Figures relate to revised classification as upto 8.09 hectares instead of upto 5 hectares and 8.09 hectares to 50 hectares instead of 5 hectares to 50 hectares.

Source: Tea Board.

9.8.1.2 Distribution of Plantations According to Size

B. Coffee.

Sl. No.	Year	0-2 Hectares		2-4 Hectares		4-10 Hectares		10 Hectares and above	
		Number of holdings	Total planted area (Hectares)	Number of holdings	Total planted area (Hectares)	Number of holdings	Total planted area (Hectares)	Number of holdings	Total planted area (Hectares)
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	1970-71 ..	19074	13336	1435	3694	597	4046	256	9107
2.	1971-72 ..	19085	13506	1454	3632	595	3888	260	9223
3.	1972-73 ..	19524	15126	1260	3770	533	3594	255	9362
4.	1973-74 ..	20369	21038	1281	4764	586	3986	251	9026
5.	1974-75 ..	21962	21298	1366	3553	567	3777	232	8173
6.	1975-76 ..	34670	18563	1839	6315	802	5445	293	10179
7.	1976-77 ..	45215	36732	1799	4905	535	3676	211	7331
8.	1977-78 ..	43757	35671	1922	5083	537	3721	208	7233

Source: Coffee Board.

9.8.1.3 Distribution of Plantation According to size
C. Rubber

Size Group	1970-71		1971-72		1972-73		1973-74		1974-75		1975-76		1976-77		1977-78		1978-79	
	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Below 1 Acre/ .41 Hectare	95414	68470	98431	71682	102985	74086	107317	77073	110340	79386	113757	81938	118591	85450	25575	6214	30159	7937
1-5 Acres/.41 to 2 hectare	9922	25853	10301	27010	10618	27779	10919	28504	11220	29433	11386	29778	11579	30243	11517	30091	11377	30021
5-10 Acres/ 2 to 4 hectare	4380	24911	4526	25820	4788	27319	4894	27879	4956	28194	4988	28420	5041	28651	4998	28389	4978	28238
10-25 Acres/ 4-10 hectare	1213	17191	1203	16830	1240	17625	1267	18002	1299	18421	1318	18646	1321	18740	1288	18283	1292	18254
25-50 Acres/ 10-20 hectare	649	66673	650	67439	632	66303	627	66082	613	65831	598	65646	595	67479	584	68186	580	68140
Above 50 Acres/20 Hectare	111578	203098	115111	208781	120263	213112	125024	217540	128428	221265	132047	224428	137127	230563	140777	233359	144594	235910
Total																		

Source: Rubber Board.

9.8.2. Statement Showing the Number of Estates and Area of Plantations coming under the Pervue of Plantation Act for the years 1974-75 to 1977-78

Type of Plantations	1974-75		1975-76		1976-77		1977-78	
	Number of Estates	Area in hectares	Number of Estates	Area in hectares	Number of Estates	Area in hectares	Number of Estates	Area in hectares
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. Tea	123	36144.20	106	28246.00	117	34407.20	117	34407.20
2. Rubber	169	46444.09	192	52244.00	195	42904.89	195	42904.89
3. Coffee	108	9866.94	55	4329.00	81	8184.15	81	8183.15
4. Cardamom	100	11530.73	67	6316.00	213	12548.34	213	12548.34
5. Coco	1	110.00	1	110.00	1	61.60	1	61.60
6. General Plantations	1	152.00	..	..	..	..	..	..
7. Oil Palm and mixed	..	..	81	13003.00	..	..	..	..
8. Oil palm	..	..	..	..	2	1150.00	2	1150.00

Source: Chief Inspector of Plantations

9.9. Sowing, Harvesting and Peak Marketing seasons of principal crops in Kerala

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

Source: Bureau of Economics and Statistics.

9.10 Procurement of Paddy (Tonnes) For 1976-77 to 1978-79 - Season-wise

District	1976-77			1977-78			1978-79		
	Virippu	Mundakan	Punja	Virippu	Mundakan	Punja	Virippu	Mundakan	Punja
Trivandrum	76.2	85.7	2.0	84.8	74.8	10.1	35.3	..	..
Quilon	84.9	214.4	11.1	80.3	131.5	7.4	..	..	67.4
Alleppey	297.7	107.2	4004.1	295.1	51.7	2400.9	33.5	..	3.2
Kottayam	134.8	230.2	994.6	131.5	70.2	644.0	2.7	..	..
Idukki	171.8	37.9	..	99.9	36.7	..	..	..	..
Ernakulam	403.4	341.0	75.4	358.7	220.6	16.3	6.3	..	6.5
Trichur	407.5	1354.7	493.1	531.8	555.0	303.4	5.0	5.7	..
Palghat	11975.6	9064.3	..	10066.3	4768.6	..	679.0	205.8	..
Malappuram	438.3	646.9	30.5	252.1	186.0	..	7.2	..	..
Kozhikode	1461.4	99.8	27.2	968.6	36.9	2.8	110.9	..	..
Cannanore	1575.1	99.8	30.6	1127.2	61.7	..	12.2	14.5	..
State	17026.7	12281.9	5668.6	13996.3	6193.7	3384.9	892.1	226.0	77.1

Source: Civil Supplies Department.

9.11 Allotment of Rice and Wheat to Kerala from Central Pool (in tonnes) For 1976-77 to 1978-79

Month	1976-77			1977-78			1978-79		
	Rice	Wheat	Total	Rice	Wheat	Total	Rice	Wheat	Total
July	80000	30000	110000	135000	20000	155000	135000	10000	145000
August	95000	30000	125000	142500	20000	162500	135000	10000	145000
September	95000	30000	125000	135000	10000	145000	135000	10000	145000
October	95000	30000	125000	135000	10000	145000	135000	10000	145000
November	85000	30000	115000	135000	10000	145000	135000	10000	145000
December	100000	30000	130000	135000	10000	145000	135000	10000	145000
January	100000	20000	120000	135000	10000	145000	135000	10000	145000
February	100000	27000	127000	135000	10000	145000	135000	10000	145000
March	100000	20000	120000	135000	10000	145000	135000	10000	145000
April	125000	20000	145000	135000	10000	145000	135000	10000	145000
May	125000	20000	145000	135000	10000	145000	135000	10000	145000
June	135000	20000	155000	135000	10000	145000	135000	10000	145000
Total	1235000	307000	1542000	1627500	140000	1767500	1620000	120000	1740000

Source: Civil Supplies Department.

9.12 Monthly offtake of Rice and Wheat on Ration card and Permit Holders (in tonnes) - For 1976-77 to 1979-80

Month	1976-77			1977-78			1978-79			1979-80		
	Rice	Wheat	Total	Rice	Wheat	Total	Rice	Wheat	Total	Rice	Wheat	Total
July	77826	20411	98237	132139	5144	137283	84303	3556	87859	47887	3373	51260
August	83506	20103	103609	137800	4947	142747	87685	3906	91591	51950	3427	55377
September	86419	15512	101931	105405	3930	109335	77419	2988	80407	46179	2814	48993
October	88742	12849	101591	95682	3554	99236	56489	3020	59509	50938	3281	54219
November	84176	11043	95219	92616	3470	96086	61974	2996	64970	56594	3277	59871
December	98012	10947	108959	95771	3643	99414	49214	2777	51991	58460	3839	62299
January	98702	8340	107042	78431	3271	81702	44990	2619	47609	55655	3426	59081
February	98776	5407	104183	67142	2606	69748	35586	2081	37667	50857	3009	53866
March	123323	5531	128854	83658	2832	86490	34844	2117	36961	49121	2892	52013
April	122017	4981	126998	82178	2426	84604	40864	1732	42596	53594	2604	56198
May	132196	11410	143606	81324	2515	83839	41770	1927	43697	..	..	..
June	128297	4817	133114	85910	2898	88808	38541	2143	40684	..	..	..
Total	1221992	131351	1353343	1138056	41236	1179292	653679	31862	685541	..	..	..

Source: Civil Supplies Department.

9.13 Storage Capacity

1. Gross capacity available	572952	M.T.
2. Owned by Kerala Statewarehousing Corporation	30428	"
3. Owned by Food Corporation of India	221400	"
4. Owned by Civil Supplies Department	37620	"
5. Owned by others	283504	"
Details of agencies included under 'others'		
(a) Co-operatives	6576	"
(b) Private	190803	"
(c) C.W.C.	5024	"
(d) Other state departments	25556	"
(e) Municipalities	640	"
(f) F.A.C.T.	6282	"
(g) Cochin Port Trust	27835	"
(h) Devaswom Board	12000	"
(i) Plantation Corporation	713	"
(j) K.S.R.T.C.	135	"
(k) Industrial Estates	5640	"
(l) Port Godowns	2300	"
Total	283504	"

Note: Figures as on 30-6-1976

Source: Civil Supplies Department.

9.14 Agricultural Implements and Machinery—1972 Census—District-wise

State/District	Bullock and Manually Operated Implements										Sugar cane Crushers				Plant Protection Equipments, Sprayers and Dusters			
	Ploughs		Blade Harrow or Bakher or Guntaka	Wetland Puddler	Earth levelers or scrapers	Seed Drills	Maize Shellers	Carts (Animal drawn)	Worked by Power	Worked by bullocks	Hand-operated	Engine operated	Tractor operated	Total				
	Wooden	Iron													(2)	(3)	(4)	(5)
KERALA	393714	35103	48028	96739	37912	632	124	16245	96	801	25007	579	242	25828				
Trivandrum	17379	3164	4274	3842	985	21	9	1196	3	19	1148	19	28	1195				
Quilon	29462	15594	7578	6257	1008	15	4	1695	5	67	2361	25	18	2404				
Alleppey	14250	5542	7349	1805	1484	34	12	634	22	83	3782	35	24	3841				
Kottayam	8005	516	3272	810	195	21	1	392	10	170	4301	26	32	4359				
Idukki	7156	355	2155	466	150	10	1	119	6	6	1096	26	4	1126				
Ernakulam	51028	1482	3836	6720	3402	54	13	637	14	102	1589	91	60	1740				
Trichur	40896	2521	4582	10804	5105	95	11	2467	1	115	3471	96	31	3598				
Palghat	100750	2159	4351	39557	13075	193	24	8203	31	127	2887	104	21	3012				
Malappuram	52479	834	1926	19986	5937	85	6	365	1	14	622	60	3	685				
Kozhikode	25963	1645	4741	5040	1184	18	13	259	..	41	1851	24	6	1881				
Cannanore	46346	1291	3964	1452	5387	86	30	278	3	57	1899	73	15	1987				

(Contd.....)

9.14 (Contd.....)

State/District	Oil Engine with Pumps used for										Crawler Tractors				Hand Tractors or power tillers				Four Wheel Tractors				
	Irrigation		Other Agri-cultural purpose		Total	Electrical Pumps used for irrigation	Persian wheels or rahets	Government	Private	Upto 75 H.P.	Above 75 H.P.	Government	Private	Upto 35 H.P.	Above 35 H.P.	Government	Private	Upto 36 to 50 H.P.	Above 50 H.P.	Total			
	Upto 5 H.P.	6 to 10 H.P.	Above 10 H.P.	(16)																	(17)	(18)	(19)
KERALA	15241	1377	758	1273	18649	9983	4632	200	75	282	57	255	372	326	133	68	527	599	287	98	984		
Trivandrum	72	29	38	52	191	106	147	4	2	2	1	16	23	10	4	2	16	17	11	6	34		
Quilon	178	47	57	45	127	207	200	18	6	17	4	24	37	23	7	4	34	23	13	7	43		
Alleppey	1016	153	80	219	1468	546	578	28	13	57	13	45	73	43	17	7	67	69	43	12	314		
Kottayam	595	32	16	66	709	255	1169	14	8	85	12	22	37	37	12	5	54	44	24	6	74		
Idukki	120	8	4	21	153	161	203	10	2	7	3	12	17	14	5	2	21	6	3	1	10		
Ernakulam	2957	179	73	208	3417	3039	529	32	12	25	4	37	53	47	21	11	79	88	56	18	162		
Trichur	935	70	57	101	1163	1849	369	22	7	31	9	27	36	32	10	7	49	69	34	8	111		
Palghat	3237	304	156	164	3861	2373	515	43	11	28	3	32	41	52	25	12	89	155	56	21	235		
Malappuram	1456	91	33	78	1658	366	215	6	2	4	1	6	9	11	5	3	19	19	12	9	40		
Kozhikode	532	152	74	148	906	538	303	10	5	7	2	13	16	26	13	6	45	48	16	4	68		
Cannanore	4143	312	170	171	4796	543	404	13	7	19	5	21	29	31	14	9	54	51	19	3	73		

(Contd.....)

9.14 (Contd.....)

State/District	Tractor Implements										Power Driven machines and miscellaneous					Ghanies												
	Mould Board & Discploughs		Disc-harrows or tillers		Cultivators or scrapers		Levelers or sumpers		Seed-fertilizers or drill		Seed-Planter for		Trailer		Other tractor operated implements		Threshers		Maize shellers combine cutters		Harvester combine cutters		Power chaff power equipments		Other power equipments		5 sheers Less than 5 sheers operated above	
	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(53)	(54)
KERALA	..	502	256	454	447	91	129	281	392	48	..	1717	324	83	208	276	364	992	709									
Trivandrum	..	16	12	14	28	12	5	19	132	2	..	155	15	7	14	16	26	47	15									
Quilon	..	22	18	21	42	14	7	16	14	3	..	170	25	..	27	18	..	137	144									
Alleppey	..	48	27	39	65	16	12	40	24	5	..	214	27	7	37	22	38	181	153									
Kottayam	..	47	17	31	45	13	15	6	16	4	..	82	23	..	8	12	12	40	59									
Idukki	..	10	8	18	11	..	9	3	8	2	..	59	12	..	..	..	..	12	33					
Ernakulam	..	51	38	65	34	10	17	32	22	7	..	176	42	18	32	52	72	57	44									
Trichur	..	49	25	48	19	6	13	64	43	3	..	146	39	12	17	32	32	115	61									
Palghat	..	78	57	84	76	13	21	16	51	9	..	325	55	19	39	40	50	53	32									
Malappuram	..	44	10	20	32	..	..	25	4	2	..	64	15	..	2	10	10	38	7							
Kozhikode	..	62	13	51	41	2	10	24	43	5	..	133	32	9	11	35	55	219	135									
Cannanore	..	75	31	63	54	5	20	36	35	6	..	193	39	11	21	39	69	93	56									

Source: Livestock Census 1972

9.15 Agricultural Implements and Machinery (1977 Census)
(District-wise)

State/District	Bullock and manually operated implements										Sugarcane Crushers							Plant protection equipments and Dusters								
	Ploughs		Blade harrows/Brakher land scrapers		Wet land puddler		Earth levelers/scrapers		Seed drills		Maize shellers		Bullock Cart		Total Carts by power		Worked by bullocks		Hand operated		Engine operated		Tractor operated		Total	
	Wooden	Iron	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(14)	(15)	(16)	(17)	(16)	(17)	(16)	(17)
KERALA	..	316975	69191	60132	103482	38936	858	176	15092	5433	20525	459	863	28582	1285	783	30650									
Trivandrum	..	9056	5788	2945	2458	678	21	2	1294	1077	2371	6	96	1121	47	48	1216									
Quilon	..	19266	20519	3446	9263	1286	56	18	1585	328	1913	17	36	1091	20	8	1119									
Alleppey	..	15101	6506	7213	2278	1897	9	..	552	685	1237	53	107	4816	109	11	4936									
Kottayam	..	7255	880	3506	1116	301	32	..	401	331	732	20	139	4757	76	58	4891									
Idukki	..	6114	862	2041	824	150	20	..	190	60	250	39	111	3307	160	181	3648									
Ernakulam	..	45357	6701	9701	10641	3992	30	1	632	385	1017	55	115	2809	104	46	2959									
Trichur	..	27777	3968	9069	10768	3635	94	1	1825	497	2322	29	56	3226	136	72	3434									
Palghat	..	71888	16711	5221	31293	19124	112	62	7674	1562	9236	95	44	1944	214	66	2224									
Malappuram	..	48514	1051	6598	23368	2204	16	22	321	155	476	101	31	1002	59	37	1098									
Calicut	..	18995	3291	3928	4230	2174	127	8	313	318	631	2	45	1482	263	186	1931									
Cannanore	..	47652	2914	6464	7243	3495	341	62	305	35	340	42	83	3027	97	70	3194									

(Contd....)

State/District	Oil Engine with Pumpset										Crawler Tractor		Hand Tractor or Power tiller		Four wheeled Tractors						
	Used for Irrigation		Used for other agri-culture purposes		Electric pumpset used for irrigation purposes		Perial wheels/rachats upto 75 H.P.		Private Above Upto 75 H.P.		Government Above Upto 75 H.P.		Private Above Upto 36 to 50 H.P.		Government Above Upto 36 to 50 H.P.						
	Upto 5 H.P.	6 to 10 H.P.	Above 10 H.P.	Total	Total	Total	Upto 75 H.P.	Above 75 H.P.	Upto 75 H.P.	Above 75 H.P.	Upto 36 to 50 H.P.	Above 36 to 50 H.P.	Upto 36 to 50 H.P.	Above 36 to 50 H.P.	Upto 36 to 50 H.P.	Above 36 to 50 H.P.					
(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	
KERALA	23722	2043	873	2121	28759	25973	6114	231	61	224	65	160	1051	323	102	42	467	945	291	96	1332
Trivandrum	92	47	36	58	233	150	132	..	1	..	1	13	45	12	6	1	19	15	11	6	32
Quilon	155	49	11	72	287	289	93	17	1	16	5	13	32	22	8	2	32	25	4	3	32
Alleppey	1412	180	140	302	2034	1205	3397	65	14	57	12	31	75	48	17	7	72	109	43	6	158
Kottayam	514	82	48	124	768	409	854	40	8	45	12	12	62	30	12	5	47	32	22	10	64
Idukki	74	39	20	109	242	172	102	9	6	6	5	7	102	14	6	1	21	18	8	2	28
Ernakulam	3432	186	56	302	3976	10882	402	3	..	3	1	8	352	26	8	7	41	119	31	7	157
Trichur	3254	160	41	280	3735	6971	658	46	7	33	6	19	131	39	8	7	54	86	10	5	101
Palghat	2934	369	123	413	3839	3516	72	24	8	39	7	13	109	65	15	5	85	445	126	48	619
Malappuram	3450	206	19	95	3770	920	48	4	1	4	4	4	14	13	1	2	16	12	3	1	16
Calicut	458	250	84	174	966	431	281	10	7	8	4	26	61	35	12	3	50	55	20	5	80
Cannanore	7947	475	295	192	8909	1028	75	13	8	13	8	14	68	19	9	2	30	29	13	3	45

(Contd.....)

9.15 (Contd.....)

State/District	Tractor operated implements										Power Driver Machines and Miscellaneous equipments										Ghanies
	Mould and disc ploughs	Board and disc harrows	Disc harrows	Cultiva-tors	Level-lers	Ser-a-cum ferti-lizer drills	Seed Plan-ter	Rota-tor	Trailor	Other tractor operated implements	Paddy Thresh-ers	Thresher for other crops	Maize ster-ling cutters	Harve-ster bines	Power chaff cutters	Other power operated equipments	5 Seers (4.5 Kg.) and above	Less than (4.5 Kg.)			
(1)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)			
KERALA	..	962	458	675	558	53	122	192	485	144	812	156	67	71	100	706	585	400			
Trivandrum	..	10	9	9	14	11	4	12	96	1	37	45	4	10	13	31	50	23			
Quilon	..	1	1	3	..	..	..	4	1	..	2	..	5	..	..	11	15	14
Alleppey	..	46	27	21	66	..	1	27	25	4	189	9	..	3	8	95	163	132			
Kottayam	..	42	21	30	44	16	12	4	11	2	72	25	..	7	11	24	39	48			
Idukki	..	16	6	15	10	6	8	2	15	28	47	3	..	..	1	2	13	20	
Ernakulam	..	114	76	81	32	1	2	37	46	4	31	14	19	3	3	166	27	12			
Trichur	..	125	72	28	27	2	20	42	41	36	66	4	13	5	..	240	31	19			
Palghat	..	496	199	358	279	9	38	11	178	50	168	23	8	18	18	59	30	9			
Malappuram	..	21	8	9	15	..	2	12	6	..	..	..	3	..	4	7	27	2
Calicut	..	62	15	49	54	7	31	19	38	15	20	6	6	5	21	28	103	72			
Cannanore	..	29	24	72	17	1	4	22	28	4	180	27	9	20	21	43	87	49			

Source: Livestock Census - 1977

9.16 Consumption of Fertilizers in Kerala (In Tonnes) 1965-66, 70-71, 76-77 to 79-80

Year	Nitrogen (N)	Nutrients Phosphorous (P 202)	Potash (K 220)	Total
1965-66	15251	12773	11305	39329
1970-71	26335	14183	16139	56657
1976-77	33553	15696	20157	69406
1977-78	36995	19167	25394	81556
1978-79	45690	23381	30765	99836
1979-80	46340	25402	33872	105614

Source: Director of Agriculture.

9.17 Consumption of Fertilizers in Kerala (District-wise) 1978-79 (M.T.)

District	Nitrogen	Phosphorous	Potash	Total
Trivandrum	2920	1450	1665	6035
Quilon	3135	1814	2372	7321
Alleppey	5309	2902	3857	12068
Kottayam	6381	3269	4213	13863
Idukki	1506	1795	1751	5052
Ernakulam	3968	2110	2692	8770
Trichur	3931	1842	3250	9023
Palghat	8682	2123	2673	13478
Malappuram	2907	1398	1831	6136
Kozhikode	3849	2674	3219	9742
Cannanore	3102	2004	3242	8348
Total	45690	23381	30765	99836

Source: Director of Agriculture

9.18 Distribution of Operational holdings according to size of holding, District-wise

Size of holding (Hectares)	Number of Holdings											Kerala
	Trivan- dram	Quilon	Alle- ppey	Kotta- yam	Idukki	Erna- kulam	Trichur	Palghat	Mala- ppuram	Kozhi- kode	Canna- nore	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Below 0.04	80131	66074	63542	42474	12628	51492	66785	35251	36696	31286	31281	517640
0.04 - 0.25	120811	160823	159394	69839	12448	11397	141293	29466	77782	96940	98358	978551
0.25 - 0.50	48537	67601	44793	26603	10992	36192	35503	19417	40385	44250	56912	431185
0.50 - 1.00	29838	43697	31721	28882	15452	31266	31154	23155	34783	37552	60566	368066
1.00 - 2.00	13749	22223	16942	25493	18134	22875	21655	25784	23930	29174	47874	267833
2.00 - 3.00	3071	4062	3939	7761	7220	7278	6135	12970	8073	13003	13940	87452
3.00 - 4.00	1097	1597	1821	3925	2282	2864	2567	7367	3620	4405	6784	38329
4.00 - 5.00	252	416	574	1044	674	1057	700	1906	1522	1983	1984	12112
5.00 - 10.00	333	470	510	965	787	1438	922	3119	1622	1966	2636	14768
10.00 - 20.00	112	111	91	183	195	234	165	586	413	320	553	2963
20.00 - 30.00	12	25	22	64	67	21	34	96	104	51	98	594
30.00 - 40.00	8	..	9	21	8	9	26	36	12	34	25	188
40.00 - 50.00	..	..	4	..	19	4	8	14	9	25	12	95
50 and above	30	43	4	13	125	18	25	36	37	17	78	426
Total	297981	367142	323366	207267	81031	268724	306972	159203	228988	261006	321101	2822781

Source: Agricultural Census 1970-71.

9.19.1. Progress in the disposal of ceiling returns and in ordering surrender of surplus lands and distribution of surplus lands taken over upto the end of March 1979.

(Area in acres)

Beneficiaries

District	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Scheduled Caste		Scheduled Tribes		Other Communities		Total	
								No. of persons assigned	extent assigned	No. of persons assigned	Extent assigned	No. of persons assigned	extent assigned		
Trivandrum	1461	223	1456	5	1730.71	608.46	378.91	1640	186.63	..	..	1717	192.28	3357	378.91
Quilon	2276	373	2259	17	3796.19	1858.49	1418.85	1863	720.85	..	..	1828	698.00	3691	1418.85
Alleppey	2816	3953	2677	139	8178.94	4193.87	3403.25	2189	1470.06	..	..	2640	1933.19	4829	3403.25
Kottayam	4850	1491	4785	65	5362.99	3947.63	2733.83	1683	1026.03	..	..	2662	1707.80	4345	2733.83
Idukki	2806	5668	2775	31	8157.94	4859.97	2646.28	1055	986.45	13	13.00	1737	1646.83	2805	2646.28
Ernakulam	4788	736	4731	57	3185.22	1087.67	737.16	2051	472.74	10	2.64	1303	261.78	3364	737.16
Trichur	3413	2138	3365	48	5922.78	3330.61	2493.60	3399	928.40	..	..	6279	1565.20	9678	2493.60
Palghat	10575	6153	9398	1177	20774.58	10333.67	8528.18	4935	3676.51	796	669.11	5403	4182.56	11134	8528.18
Malappuram	6293	6282	4958	1335	10465.55	5828.82	4741.34	2782	2143.77	7	6.05	3283	2591.52	6072	4741.34
Kozhikode	8099	22579	7509	590	8735.59	5213.89	3574.46	2057	894.67	1719	1255.50	3259	1424.29	7035	3574.46
Cannanore	14964	56197	13566	1398	39402.60	28898.37	15168.14	3177	2937.99	2283	2079.96	9210*	10250.19	14670	15168.14
State & Board	306	..	296	10	..	..	..	..	..	..	..	..	..	..	..
Total	62647	105793	57775	4872	115713.09	70161.45	45824.00	26831	15444.10	4828	4026.26	39319	26453.64	70980	45824.00

* Including two societies

Source: Board of Revenue.

9.19.2. Progress in the disposal of ceiling returns and in ordering surrender of surplus lands and distribution of surplus lands taken over upto the end of March 1980
(Area in acres)

District	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Beneficiaries								(16)	
								Surrendered		Scheduled Caste		Scheduled Tribes		Other Communities			Total
								No. of returns received	Extent of land surrendered	No. of persons assigned	Extent of land taken over	No. of persons assigned	Extent of land distributed	No. of persons assigned	Extent of land taken over			No. of persons assigned	Extent of land distributed
Trivandrum	1461	223	1456	5	1316.18	600.15	381.95	1650	188.14	..	..	1729	193.81	3379	381.95
Quilon	2305	373	2279	26	3791.39	1805.83	1442.82	1942	733.13	..	..	1904	709.69	3846	1442.82
Alleppey	2952	3953	2808	144	8447.89	4615.95	3221.32	2234	1389.94	..	..	2340	1831.38	4574	3221.32
Kottayam	4886	1491	4842	44	5068.20	4013.39	3137.95	2022	1166.63	..	14.49	1447	1971.32	4916	3137.95		
Idukki	2852	5668	2837	15	8334.00	5187.18	2662.50	1103	1012.50	17	..	1756	1635.51	2874	2662.50		
Ernakulam	4798	736	4791	7	3150.91	1260.72	956.56	2359	613.03	11	3.35	2894	340.18	3817	956.56		
Trichur	3429	2138	3393	36	5785.42	3485.24	2723.19	3933	1033.71	..	..	7144	1689.48	11077	2723.19
Palghat	10980	6153	9961	1019	21798.06	11047.75	9102.69	5375	3955.84	341	708.26	3564	2713.78	6675	5003.62		
Malappuram	6372	6282	5364	1008	10596.00	6031.99	5003.62	3104	2283.79	7	6.05	5790	4438.59	12006	9102.69		
Kozhikode	8783	22579	8369	414	8779.13	5758.04	3819.94	2191	948.40	1805	1321.21	3502	1550.33	7498	3819.94		
Cannanore	15435	56197	14524	911	3953.57	229915.29	15865.01	3522	3245.20	2343	2133.48	9593*	10486.33	15458	15865.01		
State Land Board	306	..	296	10	..	..	..	..	..	..	..	..	..	..	..
Total	64559	105793	60920	3639	116604.75	73721.47	48317.55	29435	16570.31	4524	4186.84	41663	27560.40	76122	48317.55		

* Including two societies
Source: Board of Revenue.

9.19.3 Statement showing the receipts, disposals and balance of applications under section 31 of the K.L.R. act as on 31-3-1977.

Districts (By Special Tahsildars)	Total applications so far received	Disposals			Balance	Remarks
		Allowed	Rejected	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	177	1	176	177	..	..
Quilon	330	72	242 + 16	330	..	..
Alleppey	393	92	245 + 4	341	52	..
Kottayam	388	30	194 + 164	388	..	..
Idukki	108	18	90	108	..	..
Ernakulam	1154	241	728 + 185	1154	..	..
Trichur	1471	450	814 + 171	1435	36	..
Palghat	493	123	264 + 104	491	2	..
Malappuram	379	113	199 + 40	352	27	..
Kozhikode	210	20	62 + 65	147	63	..
Cannanore	1222	417	802 + 3	1222	..	..
Total	6325	1577	3816 + 752	6145	180	..

Source: Board of Revenue.

9.19.4 Statement showing the receipts, disposal and balance number of applications under section 31 of the K.L.R. act as on 31-3-1978.

Districts (By Special Tahsildar LTS)	Total applications so far received	Disposals			Balance	Remarks
		Allowed	Rejected	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	177	1	176	177	..	..
Quilon	330	72	258	330	..	..
Alleppey	511	116	364	480	31	..
Kottayam	388	30	358	388	..	..
Idukki	108	18	90	108	..	..
Ernakulam	1154	241	913	1154	..	..
Trichur	1471	452	1015	1467	4	..
Palghat	493	123	370	493	..	..
Malappuram	392	133	258	391	1	..
Kozhikode	210	40	170	210	..	..
Cannanore	1231	424	807	1231	..	..
Total	6465	1650	4779	6429	36	..

Source: Board of Revenue.

9.19.5 Statement showing the receipt, disposal and balance of applications under section 31 of the K.L.R. act as on 31-3-1979.

District (By Special Tahsildar and tribunals)	Total applications so far received	Disposals			Balance	Remarks
		Allowed	Rejected	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	177	1	176	177	..	..
Quilon	330	72	258	330	..	..
Alleppey	578	133	416	549	29	..
Kottayam	388	30	358	388	..	..
Idukki	108	18	90	108	..	..
Ernakulam	1154	241	913	1154	..	..
Trichur	1472	457	1015	1472	..	..
Palghat	493	123	370	493	..	..
Malappuram	392	134	258	392	..	..
Kozhikode	249	62	189	248	1	..
Cannanore	1195	403	792	1195	..	..
Total	6536	1674	4835	6506	30	..

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

Districts (By Special Tahsildar LTS)	Total applications so far received	Disposals			Balance	Remarks
		Allowed	Rejected	Total		
Trivandrum	177	1	176	177	..	..
Quilon	330	72	258	330	..	..
Alleppey	650	158	439	597	53	..
Kottayam	388	30	358	388	..	..
Idukki	108	18	9	108	..	..
Ernakulam	1154	241	913	1154	..	..
Trichur	1472	457	1015	1472	..	..
Palghat	493	123	370	493	..	..
Malappuram	395	134	260	394	1	..
Kozhikode	250	63	186	249	1	..
Cannanore	1195	403	792	1195	..	..
Total	6612	1700	4857	6557	55	..

Source: Board of Revenue.

9.19.7 Statement showing the receipt, disposal and balance of applications under section 72 of the K.L.R. Act as on 31-12-1977

District (By Special Tahsildar and Tribunals)	Receipts	Disposals allowed	Disposals rejected	Other disposals	Total	Balance
Trivandrum	22798	6361	14600	1792	22753	45
Quilon	26244	12327	12317	1412	26056	188
Alleppey	72823	30983	37040	3637	71660	1163
Kottayam	43653	21861	7842	9785	39488	4165
Idukki	7471	4094	3279	87	7460	11
Ernakulam	148146	77771	38866	29080	145717	2429
Trichur	240047	167774	23798	33463	225035	15012
Palghat	418841	253185	41039	49782	334006	74835
Malappuram	472127	278322	52643	40806	371771	100356
Kozhikode	647033	371996	99750	123031	594777	52256
Cannanore	643294	448893	119611	41868	610372	32922
Total	2742477	1673567	450785	334743	2459095	283382
Other Land Tribunals	490295	309652	67597	17890	395139	95156
Grand Total	3232772	1983219	518382	352633	2854234	378538

Source: Board of Revenue.

9.19.8 Statement showing the receipt, disposal and balance applications under section 72 of the K.L.R. Act as on 31-12-1978.

District (By Special Tahsildar Land Tribunals)	Receipts	Disposals allowed	Disposals rejected	Other disposals	Total disposals	Balance
Trivandrum	23403	6576	15010	1792	23378	25
Quilon	26990	12727	12755	1417	26899	91
Alleppey	80094	34131	41376	4416	79923	171
Kottayam	45821	24319	9757	11502	45578	243
Idukki	7704	4234	3372	87	7693	11
Ernakulam	152059	81359	41042	29370	151771	288
Trichur	272321	192427	29580	43689	265686	6635
Palghat	448740	317389	69609	56472	443470	5272
Malappuram	495885	350297	81288	54740	486335	9560
Kozhikode	697204	427134	128215	133971	689320	7884
Cannanore	671195	479486	144153	44489	668128	3067
Total	2921418	1930079	576157	381935	2888171	33247
Other Land Tribunals	550748	387503	100702	27083	515288	35460
Grand Total	3472166	2317582	676859	409018	3403459	68707

Source: Board of Revenue.

9.19.9. Statement showing the receipt disposal and balance of applications under section 72 of the K. L. R. Act as on 31-12-1979

District (By special Tahsildar, Land Tribunals)	Receipts	Disposals (allowed)	Disposals (Rejected)	Other disposals	Total disposals	Balance
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	23843	6723	15281	1792	23796	47
Quilon	27221	12857	12906	1418	27181	40
Alleppey	80725	34553	41678	4420	80681	74
Kottayam	55438	26774	11021	17453	55248	190
Idukki	8000	4427	3415	87	7929	71
Ernakulam	153049	82053	41470	29438	152961	88
Trichur	277368	198162	32171	46148	276481	887
Palghat	466229	330666	75615	57777	464058	2171
Malappuram	510945	363999	87167	57195	508361	2584
Kozhikode	755714	467135	148466	139470	755071	643
Cannanore	643774	463716	139420	39875	643011	763
Total	3002306	1991065	608610	395073	2994748	7558
Other Land Tribunals	578840	417480	120840	29856	568176	10664
Grand Total	3581146	2408545	729450	424929	3562924	18222

Source: Board of Revenue.

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

District (By Special Tahsildar, Land Tribunals)	Receipts	Disposals (allowed)	Disposals (Rejected)	Other disposals	Total disposals	Balance
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	24147	6821	15445	1792	24058	89
Quilon	27386	12923	12978	1418	27319	67
Alleppey	81056	34667	41818	4427	80912	144
Kottayam	55770	27050	11113	17458	55621	149
Idukki	8063	4531	3417	87	8035	28
Ernakulam	153567	82381	41565	29440	153386	181
Trichur	278735	199404	32683	46148	278235	500
Palghat	474820	337306	77871	57782	472959	1861
Malappuram	516559	368209	89161	57336	514706	1583
Kozhikode	760026	469986	149667	139484	759137	889
Cannanore	648228	466676	141029	40044	647749	479
Total	3028357	2009954	616747	395416	3022117	6240
Other Land Tribunals	591502	427890	127602	29975	585467	6035
Grand Total	3619859	2437844	744349	425391	3607584	12275

Source: Board of Revenue.

9.19.11 Statement showing the receipt disposal and balance of applications under section 77 of the K. L. R. Act as on 31-3-1977

Districts (by special Tahsildar, Land Tribunals)	Total applications so far received	Disposals			Balance	Remarks
		Allowed	Rejected	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	719	215	502	717	2	..
Quilon	344	97	234	331	13	..
Alleppey	1581	367	1154	1521	60	..
Kottayam	658	200	423	623	35	..
Idukki	..	..	..	..	..	..
Ernakulam	666	66	528	594	72	..
Trichur	739	191	524	715	24	..
Palghat	4	4	..	4	..	..
Malappuram	581	151	410	561	20	..
Kozhikode	625	108	470	578	47	..
Cannanore	504	62	134	496	8	..
Total	6421	1461	4679	6140	281	..

Source: Board of Revenue.

9.19.12 Statement showing the receipt, disposal and balance number of applications under section 77 of the K. L. R. Act as on 31-3-1978

Districts (by Special Tahsildar, Land Tribunals)	Total applications so far received	Disposals			Balance	Remarks
		Allowed	Rejected	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum ..	735	218	516	734	1	..
Quilon ..	344	98	235	333	11	..
Alleppey ..	1619	403	1208	1611	8	..
Kottayam ..	703	223	469	692	11	..
Idukki ..	..	..	..	..	..	..
Ernakulam ..	683	92	572	664	19	..
Trichur ..	763	203	548	751	12	..
Palghat ..	4	4	..	4	..	..
Malappuram ..	595	158	425	583	12	..
Kozhikode ..	686	123	523	646	40	..
Cannanore ..	518	64	446	510	8	..
Total ..	6650	1586	4942	6528	122	..

Source: Board of Revenue.

9.19.13 Statement showing the receipt disposal and balance number of applications under section 77 of the K. L. R. Act as on 31-3-1979

Districts (by Special Tahsildar, Land Tribunals)	Total applications so far received	Disposals			Balance	Remarks
		Allowed	Rejected	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum ..	741	219	521	740	1	..
Quilon ..	344	98	243	341	3	..
Alleppey ..	1640	410	1224	1634	6	..
Kottayam ..	722	232	490	722	..	..
Idukki ..	..	..	..	..	..	..
Ernakulam ..	713	104	599	703	10	..
Trichur ..	769	207	560	767	2	..
Palghat ..	4	4	..	4	..	..
Malappuram ..	608	161	436	597	11	..
Kozhikode ..	731	159	560	719	12	..
Cannanore ..	519	66	453	519	..	..
Total ..	6791	1660	5086	6746	45	..

Source: Board of Revenue.

9. 19. 14 Statement showing the receipt disposal and balance number of applications under section 77 of the K. L. R. Act as on 31-3-1980

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

Source: Board of Revenue.

9.19.15 Statement showing the receipt disposal and balance of applications under section 80 (A)9 of the K. L. R. Act as on 31-3-1977

Districts (by Special Tahsildar, Land Tribunals)	Total applications so far received	Disposals				Remarks
		Allowed	Rejected	Total	Balance	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum ..	2	2	..	2	..	..
Quilon ..	..	..	..	..	..	..
Alleppey ..	2	..	2	2	..	..
Kottayam ..	95	52	43	95	..	..
Idukki ..	9	4	5	9	..	..
Ernakulam ..	322	70	252	322	..	..
Trichur ..	543	266	275	541	2	..
Palghat ..	..	..	..	..	..	..
Malappuram ..	193	62	131	193	..	..
Kozhikode ..	126	85	32	117	9	..
Cannanore ..	624	242	379	621	3	..
Total ..	1916	783	1119	1902	14	..

Source: Board of Revenue.

9.19.16 Statement showing the receipt disposal and balance number of applications under section 80 (A)9 of the K.L.R. Act as on 31-3-1978.

Districts (by Special Tahsildar, Land Tribunals)	Total applications so far received	Disposals				Remarks
		Allowed	Rejected	Total	Balance	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum ..	2	2	..	2	..	..
Quilon ..	..	..	..	..	..	..
Alleppey ..	17	1	16	17	..	..
Kottayam ..	95	52	43	95	..	..
Idukki ..	11	4	6	10	1	..
Ernakulam ..	322	70	252	322	..	..
Trichur ..	544	267	275	542	2	..
Palghat ..	..	..	..	..	..	..
Malappuram ..	193	62	131	193	..	..
Kozhikode ..	127	89	37	126	1	..
Cannanore ..	633	248	383	631	2	..
Total ..	1944	795	1143	1938	6	..

Source: Board of Revenue.

9.19.17 Statement showing the receipt disposal and balance number of applications under section 80 (A)9 of the K. L. R. Act as on 31-3-1979.

Districts (by Special Tahsildar, Land Tribunals)	Total applications so far received	Disposals				Remarks
		Allowed	Rejected	Total	Balance	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum ..	2	2	..	2	..	..
Quilon ..	3	..	..	..	3	..
Alleppey ..	17	1	16	17	..	..
Kottayam ..	95	52	43	95	..	..
Idukki ..	11	5	6	11	..	..
Ernakulam ..	322	70	252	322	..	..
Trichur ..	545	268	276	544	1	..
Palghat ..	..	..	..	..	..	..
Malappuram ..	193	62	131	193	..	..
Kozhikode ..	137	96	40	136	1	..
Cannanore ..	634	249	385	634	..	..
Total ..	1959	805	1149	1954	5	..

Source: Board of Revenue.

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

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

Source: Board of Revenue.

9.19.19. Statement showing the receipt disposal and balance of applications under section 80 B of the K. L. R. act as on 31-3-1977

Districts (By Special Tahsildar, Land Tribunals)	Receipts	Disposals allowed	Disposals rejected	Other disposals	Total disposals	Balance	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Trivandrum	31475	16284	15052	56	31392	83	..
Quilon	21456	9852	10352	1211	21415	41	..
Alleppey	104062	72883	30382	600	103865	197	..
Kottayam	28875	18617	9215	955	28787	88	..
Idukki	1223	615	704	3	1322	1	..
Ernakulam	95893	55997	33596	5569	95162	731	..
Trichur	52394	36620	15259	188	52067	327	..
Palghat	639	237	401	1	639	..	..
Malappuram	21427	15648	4103	1538	21289	138	..
Kozhikode	32381	15819	8428	7477	31724	657	..
Cannanore	15662	7855	7513	..	15368	294	..
Total	405587	250427	135005	17598	403030	2557	..

Source: Board of Revenue

9.19.20. Statement showing the receipt disposal and balance of applications under section 80 B of the K. L. R. Act as on 31-3-1978

Districts (By Special Tahsildar, Land Tribunals)	Receipts	Disposals allowed	Disposals rejected	Other disposals	Total disposals	Balance	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Trivandrum	32513	16830	15575	56	32461	52	..
Quilon	21782	9948	10517	1214	21679	103	..
Alleppey	106450	74304	31137	892	106333	117	..
Kottayam	29475	18905	9490	1021	29416	59	..
Idukki	1350	630	714	3	1347	3	..
Ernakulam	98091	57348	34553	5726	97627	464	..
Trichur	53007	37021	15581	253	52855	152	..
Palghat	639	237	401	1	639	..	..
Malappuram	21975	16069	4251	1552	21872	103	..
Kozhikode	33977	16676	8869	7890	33435	542	..
Cannanore	16182	8216	7824	..	16040	142	..
Total	415441	256184	138912	18608	413704	1737	..

Source: Board of Revenue

9.19.21. Statement showing the receipt disposal and balance of applications under section 80 B of the K.L.R. Act as on 31-3-1979

<i>Districts (By Special Tahsildar Land Tribunals)</i>	<i>Receipts</i>	<i>Disposals allowed</i>	<i>Disposals rejected</i>	<i>Other disposals</i>	<i>Total disposals</i>	<i>Balance</i>	<i>Remarks</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Trivandrum	33649	17459	16063	56	33578	71	..
Quilon	22200	10136	10737	1227	22100	100	..
Alleppey	109731	75538	31802	895	108235	1496	..
Kottayam	31981	20289	10447	1133	31869	112	..
Idukki	1371	641	723	3	1367	4	..
Ernakulam	99922	58526	35294	5831	99651	270	..
Trichur	53821	37522	15817	272	53611	211	..
Palghat	639	237	401	1	639	..	..
Malappuram	22634	16513	4395	1545	22453	172	..
Kozhikode	35182	17584	9421	7961	34966	207	..
Cannanore	16210	8188	7916	..	16104	106	..
Total	427340	262633	143016	18924	424573	2749	..

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

<i>Districts (By Special Tahsildar Land Tribunals)</i>	<i>Receipts</i>	<i>Disposals allowed</i>	<i>Disposals rejected</i>	<i>Other disposals</i>	<i>Total disposals</i>	<i>Balance</i>	<i>Remarks</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Trivandrum	34505	17894	16395	56	34345	160	..
Quilon	22635	10316	10935	1227	22478	157	..
Alleppey	111774	76740	32691	904	110335	1439	..
Kottayam	32323	20478	10590	1136	32204	119	..
Idukki	1401	652	735	3	1390	11	..
Ernakulam	101186	59127	35553	5838	100518	668	..
Trichur	54312	37834	15922	332	54088	224	:
Palghat	639	237	401	1	639	..	..
Malappuram	23124	16883	4503	1545	22931	193	..
Kozhikode	35682	17833	9592	7970	35395	287	..
Cannanore	16471	8303	8060	..	16363	108	..
Total	434052	184864	145377	19012	430686	3366	..

Source: Board of Revenue.

9.19.23. Statement showing the number of certificates of purchase issued under sections 72 and 80 B of the K. L. R. Act as on 31-3-1977

Districts (By Special Tahsildar Land Tribunals)	Under Section 72		Under Section 80 B		Remarks
	No. of cases allowed	No. of certificates of purchase issued	No. of cases allowed	No. of certificates of purchase issued	
Trivandrum	6361	5975	16284	10983	..
Quilon	12327	12372	9852	9821	..
Alleppey	30983	27657	72853	64811	..
Kottayam	21861	18922	18617	14977	..
Idukki	4094	4017	615	612	..
Ernakulam	77771	71187	55997	50777	..
Trichur	167774	143746	36620	31464	..
Palghat	253185	215459	237	187	..
Malappuram	278322	223873	15648	13004	..
Kozhikode	371996	258999	15819	12315	..
Cannanore	448893	394924	7855	6317	..
Total	1673567	1377131	250427	215268	..
Special Munsiff Land Tribunals and Special Tahsildar Land Tribunals attached to them.					..
Quilon	18438	13257	..	..	..
Kottayam	32077	20122	..	..	..
Trichur-I	26823	16557	..	..	..
Trichur-II	19668	9603	..	..	..
Chavakkad	5543	5139	..	..	..
Ottappalam	32878	19019	..	..	..
Badagara	17945	11381	..	..	..
Deputy Collector Land Tribunals and Special Tahsildar Land Tribunals attached to them.					..
Alleppey	16447	13856	..	..	..
Ernakulam-I	14770	13954	..	..	..
Ernakulam-II	15503	8496	..	..	..
Malappuram	26344	13606	..	..	..
Kalpetta	13929	9393	..	..	..
Cannanore	32610	30565	..	..	..
Taliparamba	46677	32320	..	..	..
Total	309652	217268	..	..	..
Grand Total	1983219	1594399	250427	215268	..

Source: Board of Revenue

9.19.24. Statement showing the number of certificates of purchase issued under sections 72 and 80 B of the K.L.R. Act as on 31-3-1978.

Districts (By Special Tahsildar Land Tribunals)	Section 72		Section 80 B		Remarks
	Number of cases allowed	Number of certificates of purchases issued	Number of cases allowed	Number of certifi- cates of purchase issued	
Trivandrum	6576	6571	16830	10983	..
Quilon	12727	12722	9948	9947	..
Alleppey	34131	32568	74304	71768	..
Kottayam	24319	23835	18905	17066	..
Idukki	4234	4198	630	626	..
Ernakulam	81359	79345	57348	54445	..
Trichur	192427	185679	37021	36133	..
Palghat	317389	300851	237	189	..
Malappuram	350297	333093	16069	14362	..
Kozhikode	427134	357312	16676	14028	..
Cannanore	479486	476017	8216	7390	..
Total	1930079	1812191	256184	236937	..
Special Munsiff Land Tribunals and Special Tahsildars (LR) attached to them.					..
Quilon	19467	16968	..	..	..
Kottayam	35093	34187	..	..	..
Trichur	31589	24390	..	..	..
Chavakkad	6369	5994	..	..	..
Ollukkara	46547	41885	..	..	..
Deputy Collector - Land Tribunals and Special Tahsildars (LR) attached to them.					..
Alleppey	17700	17670	..	..	..
Ernakulam I	17777	17620	..	..	..
Ernakulam II	18001	16058	..	..	..
Trichur	26811	23353	..	..	..
Malappuram	39665	29820	..	..	..
Kalpetta	16606	14199	..	..	..
Badagara	30659	26437	..	..	..
Cannanore	38051	37260	..	..	..
Taliparamba	43168	42698	..	..	..
Total	387503	348539	..	..	..
Grand Total	2317582	2160730	256184	236937	..

Source: Board of Revenue.

9.19.25. Statement showing the number of certificates of purchase issued under section 72 and 80 B of the K.L.R. Act
as on 31-3-1979

Districts (By Special Tahsildar Land Tribunals)	Section 72		Section 80 B		Remarks
	No. of cases allowed	No. of certificates of purchase issued	No. of cases allowed	No. of certificates of purchase issued	
Trivandrum ..	6723	6658	17450	11082	..
Quilon ..	12857	12849	10136	10109	..
Alleppey ..	34553	34441	75538	75288	..
Kottayam ..	26774	26544	20289	19429	..
Idukki ..	4427	4291	641	631	..
Ernakulam ..	82053	81876	58526	55327	..
Trichur ..	198162	193061	37522	36311	..
Palghat ..	330666	321720	237	189	..
Malappuram ..	363999	360070	16513	15195	..
Kozhikode ..	467135	454174	17584	15413	..
Cannanore ..	463716	462352	8188	8008	..
Total ..	1991065	1958036	262633	246984	..
Special Munsiff Land Tribunal Kottayam ..	53798	52274	..	..	..
Deputy Collector, Land Tribunals and Special Tahsildars (LR) attached to them.					
Quilon ..	37753	35404	..	..	..
Ernakulam I ..	19077	18810	..	..	..
Trichur II ..	31495	30008	..	..	..
Trichur III ..	33734	25302	..	..	..
Chavakkad ..	6503	6284	..	..	..
Ottappalam ..	53848	51221	..	..	..
Malappuram ..	45182	40664	..	..	..
Kalpetta ..	17362	15979	..	..	..
Badagara ..	34845	34421	..	..	..
Cannanore ..	83883	83577	..	..	..
Total ..	417480	393944	..	..	..
Grand Total ..	2408545	2351980	262633	246984	..

Source: Board of Revenue.

9.19.26. Statement showing the number of certificates of purchase issued under sections 72 & 80 B of the K.L.R. Act
as on 31-3-1980

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

Source: Board of Revenue.

9.20. Gross area irrigated by minor & lift irrigation schemes in Kerala (crop-wise) 1960-61 to 1978-79

(Area in Hectares)

Sl. No.	Crop	1960-61*	1969-70*	1975-76	1976-77	1977-78	1978-79
1.	Paddy	347799	476579	89009	102005	107741	113629
2.	Sugarcane	3650	4290	Nil	Nil	Nil	Nil
3.	Other Food Crops	65310	55690	Nil	Nil	Nil	Nil
4.	Total Food Crops	416759	536559	89009	102005	107741	113629
5.	Total Non-food Crops	39497	52770	Nil	Nil	Nil	Nil
6.	All Crops	456256	589329	89009	102005	107741	113629

Source: Chief Engineer Irrigation & Project.

* L.U.S. Estimate

9.21.1. Net area irrigated by minor and lift irrigation - 1960-61 to 1978-79

(Area in Hectares)

Sl. No.	Source	1960-61	1969-70	1975-76	1976-77	1977-78	1978-79
1.	Net area irrigated by Government canals	133049	193496	..	..	..	..
2.	Net area irrigated by Private canals	5738	10160	..	..	..	..
3.	Net area irrigated by Tanks	46952	72031	(Source-wise details are not readily available)		..	..
4.	Net area irrigated by wells	2032	5460	..	..	..	..
5.	Net area irrigated by other sources	130940	141822	73329	83405	88264	93140
	Total (Minor and Lift Irrigation)	318711	422969	73329	83405	88264	93140
6.	Percentage of area irrigated to net area	16.57	19.53	..	..	..	..
7.	Area irrigated more than once in an year	137545	166360	15680	18600	19477	20489
8.	Total irrigated area (M.I. and L.I.)	456266	589329	89009	102005	107741	113629
9.	Percentage of total irrigated area to total cropped area	19.42	20.21	..	..	..	..

Source: Chief Engineer Irrigation & Project

9.21.2. District-wise area irrigated minor and lift irrigation schemes 1973-74 to 1978-79

(Area in Hectares)

District	1973-74		1974-75		1975-76		1976-77		1977-78		1978-79	
	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	4499	4575	5750	6183	6519	6952	8105	8538	8705	9138	8916	9349
Quilon	4289	4565	4699	5060	4917	5292	5924	6378	6644	7123	7136	7615
Alleppey	19739	22982	20206	23449	20672	23915	22922	26165	23492	26735	24507	27750
Kottayam Idukki	7347	7792	7448	7893	7908	8353	8091	8536	8363	8828	8659	9215
Ernakulam	11512	16201	11964	16845	12676	17911	14080	19710	14445	20172	15254	20981
Trichur	5888	6824	6294	7477	7228	9267	7758	10399	8530	11324	9100	12464
Palghat	2812	5107	2812	5107	3201	5885	3237	5957	3615	6590	3899	6874
Malappuram	3554	3308	3960	4139	4436	4683	6172	8196	6630	8796	7547	10043
Calicut	1870	2405	1916	2451	2768	3303	3524	4059	3871	4494	4058	4702
Cannanore	2710	3154	2747	3191	3004	3448	3592	4067	3969	4541	4064	4636
State	64220	76913	67796	81795	73329	89009	83405	102005	88264	107741	93140	113629

Source: Chief Engineer, Irrigations & Project.

9.21.3. Distribution of area irrigated according to source of irrigation* (Area in hectares) 1976-77

District	Government canal	Private canal	Government tanks and wells	Private tanks and wells	Minor and lift irrigation (Government scheme)	Other Sources	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Trivandrum ..	6544	51	1702	771	1152	482	10702
Quilon ..	..	64	2434	1215	2225	4483	10421
Alleppey ..	540	..	429	17908	3275	721	22873
Kottayam ..	..	..	681	570	4127	4994	10372
Idukki ..	..	..	464	19	276	3667	4426
Ernakulam ..	18667	55	1775	5105	12820	2610	41032
Trichur ..	20380	61	1498	4198	5024	3889	35050
Palghat ..	43628	506	287	2374	3651	2218	52664
Malappuram ..	..	..	219	6050	5651	3439	15395
Kozhikode ..	2366	26	82	784	1071	960	5289
Cannanore ..	..	..	367	2430	7188	2845	12830
Total ..	92125	763	9938	41424	46496	30308	221054

* The figures given in this table are on the basis of TRS reports.

9.21.4. Distribution of area irrigated according to source of irrigation (Area in hectares) 1977-78

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

9.22. Area of Reserve Forests and Reserve Lands and Vested Forests 1960-61-1978-79

(Area in square km.)

Year	Reserve forest	Reserve land	Vested forests (rough estimates)	Total
(1)	(2)	(3)	(4)	(5)
* 1960-61 ..	885191	16407	..	901598
* 1970-71 ..	882238	18645	..	900883
1975-76 ..	9139.4	232.9	2269.8	11642.1
1976-77 ..	9170.1	181.3	1982.1	11333.5
1977-78 ..	9161.3	181.3	1975.7	11318.3
1978-79 ..	9152.4	183.3	1935.0	11270.7

Source: Forest Department.

* Area in hectares.

9.22.1. Division-wise area of Reserve Forests and Reserve Lands, 1978-79 and 1979-80

Division	Reserve Forest	Reserve land including Fodder reserve	Total
(1)	(2)	(3)	(4)
1. Trivandrum	564.759	5.825	570.584
2. Thenmala	567.617	..	567.617
3. Punalur	280.050	..	280.050
4. Konni	320.643	11.021	331.664
5. Ranni	1050.289	7.167	1057.456
6. Kottayam	724.401	6.422	730.823
7. Malayattur	680.488	..	680.488
8. Munnar	849.345	48.028	897.373
9. Chalakudy	855.903	..	855.903
10. Trichur	522.593	..	522.593
11. Thekkady	777.000	..	777.000
12. Nenmara	484.071	..	484.071
13. Nilambur	324.690	..	324.690
14. Palghat	373.174	..	373.174
15. Kozhikode	334.479	86.138	420.617
16. Wynad	442.755	15.064	457.819
17. Special Division, Kozhikode	0.108	3.589	3.697

Source: Chief Conservator of Forests.

9.23. Division-wise area of Reserve forest and Reserve lands

(Area in sq. km.)

Division	Reserve forest				Reserve lands				Total			
	1975-76	1976-77	1977-78	1978-79	1975-76	1976-77	1977-78	1978-79	1975-76	1976-77	1977-78	1978-79
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	565.0	564.9	564.9	564.8	5.8	5.8	5.8	5.83	570.8	570.7	570.7	570.6
Thenmala	567.6	567.6	567.6	567.6	..	..	..	..	567.6	567.6	567.6	567.6
Punalur	280.5	280.1	280.1	280.1	..	..	..	..	280.5	280.1	280.1	280.1
Konni	332.8	332.8	329.4	320.6	11.0	11.0	11.0	11.0	343.0	343.0	340.4	331.7
Ranni	1050.3	1050.3	1050.3	1050.3	..	7.2	7.2	7.2	1050.3	1057.5	1057.5	1057.5
Kottayam	878.3	724.4	724.4	724.4	5.3	5.3	5.3	6.4*	883.6	729.7	729.7	730.8
Malayattur	520.1	679.5	680.5	680.5	..	..	..	..	520.1	679.5	680.5	680.5
Munnar	849.3	849.3	849.3	849.3	47.3	47.3	47.3	48.0*	896.6	896.6	896.6	897.4
Chalakudy	836.2	860.9	855.9	855.9	..	..	..	..	836.2	860.9	855.9	855.9
Trichur	523.9	523.9	522.6	522.6	..	..	..	..	523.9	523.9	522.6	522.6
Thekkady	777.0	777.0	777.0	777.0	..	..	..	..	777.0	777.0	777.0	777.0
Nenmara	484.1	484.1	484.1	484.1	..	..	..	..	484.1	484.1	484.1	484.1
Nilambur	324.7	324.7	324.7	324.7	57.6	..	..	..	382.3	324.7	324.7	324.7
Palghat	372.0	373.2	373.2	373.2	1.1	..	..	..	373.1	373.2	373.2	373.2
Kozhikode	334.7	334.5	334.5	334.5	86.1	86.1	86.1	86.1	420.8	420.6	420.6	420.6
Wynad	442.8	442.8	442.8	442.8	15.1	15.1	15.1	15.1	457.9	457.9	457.9	457.8
Special Division, Kozhikode	0.1	0.1	0.1	0.1	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7
Total	9139.4	9170.1	9161.3	9152.5	232.9	181.3	181.3	183.2	9372.3	9351.4	9342.6	9335.8

Source: Forest Department

*including fuel and fodder reserve.

9.24. Out-turn of Major Forest Products.

Year	Timber(round cum. logs)	Poles (Nos.)	Sawn and squared timber (cum.)	Fuel firewood tonnes
1976-77	540643.31	1417501	485.209	264576.92
1977-78	528923.92	1258052	23.777	250837.43
1978-79	447090.7	1387450	450.2	304683.23

Source: Forest Department.

9.25. Division-wise out turn of major forest products in Kerala

Sl. No.	Name of Division	Year	Timber Round log (Cu.m.)	Round poles (Nos.)	Sawn squared (Quantity cu.m.)	Fule Firewood(Tonnes)	Charcoal (bags)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Trivandrum	1975-76	27067.0	24336	..	9506.9	..
		1976-77	17003.5	18649	172.0	7519.5	..
		1977-78	25033.7	..	3.6	..	..
		1978-79	15101.3	3413	..	7142.2	5000
2.	Thenmala	1975-76	23486.0	190999	..	33669.5	..
		1976-77	37479.7	169916	310.0	26790.9	26968
		1977-78	36896.7	48456	0.3	2845.3	..
		1978-79	32293.2	300865	..	14612.1	..
3.	Punalur	1975-76	86613.0	22093	..	50870.1	..
		1976-77	85148.5	15038	..	34807.5	..
		1977-78	42266.4	19460	10.8	381.7	..
		1978-79	36948.8	4964	..	19711.1	..
4.	Ranni	1975-76	42135.0	23355	147.7	4884.9	..
		1976-77	22817.5	36833	0.1	5766.9	..
		1977-78	34394.9	11607	1.1	..	..
		1978-79	24801.1	3760	7.5	2425.0	..
5.	Konni	1975-76	31951.0	25018	..	15012.0	..
		1976-77	28340.0	34384	..	14417.0	..
		1977-78	37283.0	32754	..	23962.0	..
		1978-79	32612.0	116809	2.0	19713.0	..
6.	Kottayam	1975-76	11315.0	65375	..	1430.8	..
		1976-77	16787.0	16184	3.1	1510.0	..
		1977-78	9158.9	..	..	532.5	..
		1978-79	6287.9	139980	..	199.7	..
7.	Malayattur	1975-76	35608.0	240149	104.3	399.5	..
		1976-77	25904.1	124451	..	50.5	12000
		1977-78	16431.6	69715	..	1469.5	..
		1978-79	13147.9	140025	..	13146.0	..
8.	Chalakydy	1975-76	52161.0	99010	..	26220.5	..
		1976-77	56303.2	347487	..	3295.0	27863
		1977-78	37493.5	176442	..	12132.2	..
		1978-79	42680.8	155887	2.2	12787.0	..
9.	Trichur	1975-76	5377.0	88065	..	6043.1	..
		1976-77	22262.0	146985	..	17925.0	2
		1977-78	35254.3	101905	..	12842.0	..
		1978-79	36315.3	65937	..	48917.3	..
10.	Nenmara	1975-76	7748.0	34800	..	4892.0	..
		1976-77	3381.7	34833	..	1188.0	14700
		1977-78	3644.3	3528	..	884.0	2300
		1978-79	5857.1	7309	..	646.0	..
11.	Palghat	1975-76	7874.0	26678	4422.0	4892.0	..
		1976-77	16440.3	33462	..	13756.3	..
		1977-78	15242.5	24802	3.8	16425.0	..
		1978-79	7965.2	16869	..	3207.0	..
12.	Nilambur	1975-76	34740.0	137906	3928.0	19709.3	..
		1976-77	73079.5	191119	..	54833.0	..
		1977-78	33266.2	328263	..	28548.4	..
		1978-79	26961.3	39032	22196.9	11511.0	..

(Contd)

9.25 (Continued)

Sl. No.	Name of Division	Year	Timber Round log (Cu. m.)	Round poles (Nos.)	Sawn squared (Quantity cu.m.)	Fuel Firewood (Tonnes)	Charcoal (bags)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
13.	Munnar	1975-76	292.0	..	..	300.0	2000
		1976-77	456.1	1081	..	1466.0	2000
		1977-78	32973.3	..	..	6874.0	..
		1978-79	9980.3	..	391.9	2664.0	64858
14.	Hydel Division Kottayam	1975-76	16723.0	..	..	13868.0	10500
		1976-77	17495.0	..	..	9814.0	29532
		1977-78	24802.4	740	..	9537.0	..
		1978-79	16349.1	..	..	11404.5	63745
15.	Kozhikode	1975-76	29300.0	26337	..	12020.0	..
		1976-77	35759.8	26863	..	28898.0	..
		1977-78	35104.0	23753	..	48193.0	..
		1978-79	46222.9	77300	385.0	37953.0	..
16.	Wynad	1975-76	34155.0	37368	..	9882.8	..
		1976-77	36247.9	78740	..	18034.1	..
		1977-78	33697.4	81855	..	7757.5	..
		1978-79	61139.5	108476	..	53605.6	..
17.	Teak plantation Parambikulam	1975-76	34155.0	37368	..	9882.8	..
		1976-77	..	66076	..	..	..
		1977-78	..	71046	..	..	..
		1978-79	1.7	89795	..	..	..
18.	Kallarvalley Teak Plantation Achen- coil	1975-76	..	..	..	..	..
		1976-77	1657.8	14829	..	36.9	..
		1977-78	..	29630	..	..	..
		1978-79	..	25430	..	..	..
19.	I. P. Division Kalady	1975-76	7198.0	..	..	..	..
		1976-77	14246.2	339	..	64.8	..
		1977-78	12850.0	..	..	14250.0	..
		1978-79	6974.6	..	..	..	..
20.	I. P. Division Vazhachal	1975-76	..	..	..	17.5	..
		1976-77	..	..	..	..	..
		1977-78	1218.3	13031	..	14478.0	..
		1978-79	976.7	21904	..	8270.7	..
21.	I. P. Division Kothamangalam	1975-76	..	..	..	..	..
		1976-77	8898.6	47936	..	4970.0	..
		1977-78	6660.0	207397	..	5952.0	..
		1978-79	2870.3	69357	..	5403.2	..
22.	Grassland Affore- station Division, Pamba	1975-76	..	..	..	..	..
		1976-77	189.0	..	..	..	..
		1977-78	..	..	..	3885.7	..
		1978-79	..	..	..	1138.7	..
23.	Special Division Palghat	1975-76	778.0	6291	..	3283.4	..
		1976-77	345.8	1410	..	2977.0	53
		1977-78	210.4	2300	1.2	581.8	13
		1978-79	1478.4	235	1.5	7547.8	36
24.	Special Division Tellicherry	1975-76	10431.0	4096 cu.m	..	4228.1	..
		1976-77	3876.1	8986	..	1232.5	32165
		1977-78	4992.3	2700	..	1122.5	30
		1978-79	96.9	..	..	96.5	200

(Contd.)

9.25 (Continued)

<i>Sl. No.</i>	<i>Name of Division</i>	<i>Year</i>	<i>Timber Round log (Cu. m.)</i>	<i>Round poles (Nos.)</i>	<i>Sawn squared (Quantity cu. m.)</i>	<i>Fuel Firewood (Tonnes)</i>	<i>Charcoal (bags)</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
25.	Special Division	1975-76	323.0	..	..	54.0	..
	Kozhikode	1976-77	1674.8	702	..	172.0	2
		1977-78	29003.7	3540	3.0	22979.5	5006
		1978-79	1723.8	52	..	385.0	..
26.	Rubber Plantation	1975-76	10034.0	..	481.7	177.0	..
	Division, Punalur	1976-77	..	..	..	..	..
		1977-78	..	..	..	..	..
		1978-79	..	..	..	..	..
27.	I. P. Circle	1975-76	..	..	..	..	..
		1976-77	..	..	..	..	..
		1977-78	..	..	..	..	..
		1978-79	..	..	..	..	..
28.	Special Division	1975-76	2939.0	156	..	35.5	22
	Nilambur	1976-77	7395.0	157	..	14052.0	3210
		1977-78	21046.0	5098	..	15204.0	2
		1978-79	18304.5	51	..	22196.9	13086
29.	Sales Division	1975-76	..	..	..	..	..
	Perumbavoor	1976-77	..	..	..	..	..
		1977-78	..	..	..	..	..
		1978-79	..	..	..	..	..
30.	I. P. Division,	1975-76	4479.0	300	..	..	..
	Perumuzhi	1976-77	..	..	..	..	..
		1977-78	..	..	..	..	..
		1978-79	..	..	..	..	..
31.	Sugarcane, special	1975-76	..	..	..	..	..
	Division, Punalur	1976-77	..	..	..	..	..
		1977-78	..	..	..	..	..
		1978-79	..	..	..	..	..
32.	Sugarcane special	1975-76	..	..	..	..	..
	Division, Pamba	1976-77	..	..	..	..	..
		1977-78	..	..	..	..	..
		1978-79	..	..	..	..	..
33.	I. P. Division,	1975-76	9620.0	23384	..	1113.3	..
	Perumbavoor	1976-77	..	..	..	..	..
		1977-78	..	..	..	..	..
		1978-79	..	..	..	..	..
34.	Other Receipts	1975-76	..	..	..	..	..
		1976-77	4453.4	1038	..	..	..
		1977-78	..	..	..	..	..
		1978-79	..	..	..	..	..
	Total	1975-76	..	..	..	..	..
		1976-77	540643.3	1417501	485.3	264576.9	148495
		1977-78	528923.9	1258052	23.8	250837.4	2345
		1978-79	447090.7	1387450	450.2	304683.2	151931

9.26. Forest plantations in Kerala

Species	Area of plantations in hectares			
	1976-77	1977-78	1978-79	1979-80
(1)	(2)	(3)	(4)	(5)
1. Teak ..	65470	68511	71439	73847
2. Soft wood ..	20414	21634	21619	22211
3. Rosewood ..	..	..	93	117
4. Balsa ..	62	93	110	115
5. Bamboo ..	985	965	965	965
6. Wattle ..	571	652	702	802
7. Mahagony ..	141	242	207	207
8. Sandal ..	..	..	4	9
9. Cashew ..	3482	3796	4196	4355
10. Cardamom ..	40	41	40	40
11. Pine ..	..	..	429	429
12. Kongu ..	19	20	20	20
13. Eucalypts ..	32049	31051	34053	34910
14. Ableezeafalcata ..	..	..	124	124
15. Pepper ..	..	..	98	98
16. Cocoa ..	..	..	2	2
17. Hardwood ..	1571	1592	..	4
18. Zylonicum ..	..	..	4	4
19. Grevilla ..	..	..	51	51
20. Beedi ..	..	..	4	4
21. Rubber ..	1824	..	2	2
22. Mixed Plantations ..	1149	1290	1131	1247
23. Other plantations ..	1652	1321	932	932
24. Supplemental crops ..	..	..	..	208
25. Fuel ..	715	453	..	..
Total ..	130144	131821	136225	140699

Source: Forest Department

9.27. Live-stock population in Kerala

Items	Numbers in Thousands as per	
	1972 census	1977 census
A. Cattle		
Males over 3 years		
(i) Breeding bulls	4.8	3.5
(ii) Working bullocks	372.0	363.5
(iii) Not used for breeding or work	14.8	4.1
Total	391.6	371.1
B. Females over 3 years		
(i) Breedings cows		
(a) In milk	606.2	705.1
(b) Dry and not calves	680.7	660.2
(ii) Working Cows	7.6	2.5
(iii) Not used for breeding or work	5.7	3.1
Total	1300.2	1370.9
C. Young Stock	1164.6	1264.0
Total Cattle	2856.3	3006.0
Buffaloes		
A. Males over 3 years		
(i) Breeding	2.2	1.8
(ii) Working	211.5	214.5
(iii) Not used for breeding or work	12.1	2.5
Total	225.7	218.8
B. Females over 3 years		
(i) Breeding		
(a) In Milk	83.2	86.7
(b) Dry and not calves	64.1	64.6
(i) Used for work	6.1	5.0
(iii) Not used for breeding or work	2.4	1.2
Total	155.8	157.5
C. Young stock	90.2	78.0
Total Buffaloes	471.7	454.4
Sheep	10.3	2.5
Goats	1467.7	1683.3
Pigs	129.1	172.4
Others	1.3	0.4
Total Livestock	4936.5	5319.0

Source: Live stock Census 1972 & 1977.

9.28. Veterinary Hospitals and dispensaries in Kerala

Year	No. of		
	Hospitals	Dispensaries	Mobile dispensaries
1960-61	59	143	4
1970-71	61	259	11
1976-77	N.A.	N.A.	12
1977-78	72	348	12
1978-79	373	158	12

Source: Department of animal Husbandary.

9.29 Inland Water Resources in Kerala

Type of Inland Water	Area (Hectares) (Provisional Estimate)
Rivers	85000
Tanks and Roads	3300
Reservoirs	24137
Brackish water, Lakes Backwater and Estueries	242600
Total	355037

Note: An area of 121600 hectares are available for Prawn cultivation opt of the total estimated area.

Source: Director, Fisheries Department.

9.30 Marine Districts of Kerala

District	Length of Coastal line in KMs.
1. Trivandrum	78.2
2. Quilon	37.3
3. Alleppey	81.7
4. Ernakulam	46.2
5. Trichur	53.5
6. Malappuram	70.0
7. Kozhikode	70.5
8. Cannanore	152.1
Total	589.5

Source: Director, Fisheries Department.

9.31 Fishing Villages (Marine) in Kerala

Sl. No.	District	Number of fishing villages (marine)	Total Number of fishermen households (provisional)	Total fishermen population (provisional)
1.	Trivandrum	47	22185	125795
2.	Quilon	26	9981	62280
3.	Alleppey	27	13370	80297
4.	Ernakulam	20	8926	53556
5.	Trichur	18	6606	40289
6.	Malappuram	28	6795	54260
7.	Kozhikode	48	9676	72582
8.	Cannanore	48	9628	67396
	Total	262*	87167	556555

* 265 fishing villages were identified earlier.

After verification, following modifications have been made. Mattancherry in Ernakulam District is excluded from the list as it does not have any fishermen household. Palluruthy and Kumbalangy in the same District are also excluded as these are inland fishing villages.

Source: Director, Fisheries Department

9.32 Fish Landings in Kerala

Year	Marine Fish Landings		Inland Fish Landings	
	Quantity (M.T.)	Value (Rs. in lakhs)	Quantity (M.T.)	Value (Rs. in lakhs)
1960-61	399900	497.65	390	2.35
1970-71	379865	2835.68	12845	117.86
1976-77	317544	5768.98	23968	696.89
1977-78	341525	6823.75	24129	831.40
1978-79	367866	8141.88	24512	972.21

Source: Fisheries Department.

392378

9.33 Inland Fish Landings

Sl. No.	Name of species	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1.	Prawns	4117	2789	3304	3628	4867	4032	4929	5106	5204	4652
2.	Etropolis	1303	1584	1613	1578	1662	3031	2886	2402	2638	2847
3.	Murels	874	2014	1803	2282	1996	2859	2755	2810	2752	2883
4.	Mulletts	1603	1434	2563	2549	2155	1979	2068	2020	2043	2196
5.	Catfish	1104	1570	1496	1820	2834	2165	2257	2320	2385	2638
6.	Burbus	192	330	980	947	1019	252	134	281	243	256
7.	Tilapia	502	753	1045	1405	1772	2691	3429	3590	3720	4018
8.	Labeo	86	539	841	775	560	235	194	15	45	12
9.	Margila	18	222	612	568	257	187	69	17	22	10
10.	Carpio	36	98	750	501	493	109	49	13	58	24
11.	Catla	9	165	188	223	445	142	93	31	46	9
12.	Rohita	27	103	175	223	206	91	..	..	..	..
13.	Gourami	43	47	201	264	198	71	27	221	257	8
14.	Chanos	53	78	104	78	118	59	22	100	139	162
15.	Cirrhina	..	46	..	66	106	61	..	..	..	..
16.	Scianidae	402	1321	782	1218	2262	1554	2000	1435	1272	1367
17.	Crahs	259	184	312	355	642	541	358	351	313	362
18.	Mirror craps	..	10	58	86	119	40	..	..	..	..
19.	Macrores	..	8	..	..	..	125	..	..	..	..
20.	Eels	..	..	..	..	..	..	15	10	35	46
21.	Miscellaneous	2217	1811	2589	2581	1940	2984	2689	3407	3340	3590
	Total	12845	15002	19416	21247	23651	23208	23968	24129	24512	25080

Source: Director, Fisheries Department.

9.34 Species-wise landing of marine fish in Kerala

(Quantity in Tonnes)

Sl. No.	Name of Fish	1959	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1.	Elasmo branches	6181	5759	7490	4889	6986	8852	10338	10292	7308	5796	9302
2.	Eels	..	9	1	31	5	3	49	12	10	6	38
3.	Cat fishes	5174	6245	16380	15189	12636	17438	33526	32603	12743	7947	9125
4.	Chirocentrus	456	308	877	464	397	544	860	605	807	547	1298
5.	(a) Oil Sardine	62036	139983	191683	194977	104426	122783	102135	97183	123937	117356	119937
	(b) Lesser Sardines	18468	9485	6139	11403	6790	62421	31335	43652	34305	20754	11713
	(c) Hilsailisha	..	..	..	9	19	..	..	10	12	36	182
	(d) Other Hilsa	..	..	13	6	3	39	33	..	..	14	69
	(e) Anchoviella	..	10846	7948	10842	10672	8940	19463	11432	9987	10105	21203
	(f) Thrissocles	..	1166	4610	2349	2001	1663	1321	1638	2732	1648	1898
	(g) Other Clapeids	5276	1589	1566	1668	1346	1158	1323	998	1174	512	973
6.	(a) Harpodeon nehereus	..	..	1066	1395	1426	1136	8839	11294	99	5169	6246
	(b) Saurida & Sanrus	..	546	..	..	..	..	..	..	141	281	281
7.	Hemir hamphus belon	..	83	30	97	88	185	331	278	..	..	..
8.	Flying Fish	..	..	3	2	..	1	2	..	1	14121	24989
9.	Perches	2494	2340	4336	3663	3939	8663	20970	14741	3069	240	171
10.	Red mullets	..	1548	279	1573	2960	1537	3881	23	2577	69	35
11.	Polynemids	..	142	22	569	24	570	3	105	122	69	35
12.	Sciaenids	..	3450	3195	5792	4145	6137	11723	9220	16811	11965	13045
13.	Ribbon Fish	..	6410	7446	4922	17380	10459	23897	30192	15175	7687	7440
14.	(a) Caranx	..	3542	2563	4952	14848	14283	5260	7190	10478	15673	7197
	(b) Chornemus	..	55	77	49	817	48	72	135	265	540	148
	(c) Trachynotus	..	6	..	6	2	..	..	6	..	7	19
	(d) Other carangids	3619	4	38	3	36	73	85	6	6	78	72
	(e) Coryphaena	..	1	1	1	92	153	94	61	56	28	19
	(f) Elacate	..	51	118	299	76	52	35	62	106	158	166
15.	(a) Heiognathus	5558	14019	16167	8609	5042	18388	17518	5211	2727	7708	3040
	(b) Gazza	..	..	21	15	4	..	5	..	..	..	..
16.	Lactarius	3016	1301	1443	2991	3074	6663	2904	983	468	823	1533
17.	Pimbrets	1316	1177	693	2416	1952	1809	1500	1181	799	3712	1614
18.	Mackerel	24689	29981	54659	95164	34516	19780	10335	14930	19978	19968	25917
19.	Seer Fish	1407	1010	1731	2800	1386	1690	4909	4065	5936	3250	3354
20.	Tunnies	2239	978	1226	3043	3626	2699	5927	5845	12880	6705	6548
21.	Sphyraena	..	339	79	174	1125	2333	3865	396	494	353	721
22.	Mugil	..	64	154	549	91	103	955	74	26	38	1
23.	Bregmacoros	..	..	..	8807	6149	8551	12771	6932	3567	5778	7276
24.	Soles	9374	10039	10212	31294	35866	84770	59815	77207	34478	40150	45034
25.	(a) Penacid Prawns	..	34334	36940	1519	711	981	1014	755	55	174	395
	(b) Non-Penacid Prawns	..	34	14	..	..	..	..	31	50	40	38
	(c) Lobsters	..	..	..	525	158	1781	2886	1797	1316	4621	2176
	(d) Croabs & other crustaceans	14767	435	86	473	350	339	2175	3342	872	4973	6516
26.	Cephalopods	16695	6923	12966	11002	15419	12208	14305	43696	22824	26254	16823
27.	Miscellaneous	..	..	..	..	..	..	..	..	..	..	..
	Total	192625	294787	392880	445347	295618	448269	420257	420836	331047	345037	373339

9.35. Marine production by species and district (1978) in tonnes

Species	Total Kerala	Trivandrum	Quilon	Alleppey	Ernakulam	Trichur	Malappuram	Kozhi-kode	Cannanore
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Sardine	130903	2041	7430	26298	19580	7066	7792	26817	33879
Mackerel	25917	1292	896	2668	2762	1863	2501	6660	7275
Anchoviella	21203	9925	2076	2757	4246	1323	180	449	247
Prawn	47643	382	33887	2180	3454	123	376	2455	4786
Perches	24989	1684	20384	1554	974	267	92	18	16
Ribbon fish	24207	21018	2284	236	210	105	140	193	21
Swanids	13075	2556	5454	732	1251	76	494	1028	1484
Flasmo branch	9301	584	4219	731	2446	78	163	410	670
Cat fish	9124	322	5374	727	1388	109	259	584	361
Sole	7277	473	3786	427	1155	66	264	525	581
Caranx	7195	4433	1470	168	530	89	60	178	267
Turney	6549	4982	502	167	890	6	2	..	..
Seer	3353	1303	372	182	1046	11	2	11	426
Pomfret	1613	193	289	412	519	3	..	1	196
Cephalopods	6515	4560	1367	198	198	103	26	31	32
Others	33754	5123	16506	2476	5404	671	612	1076	1886
Total	372618	60871	106296	41913	46053	11959	12963	40436	52127

Source: FAO Working Paper, General Description of Marine Small Scale Fisheries, Kerala, India.

9.36. Landings of fish and crustaceans by species and month 1978-79 (tonnes)

Species	April	May	June	July	August	Septem-ber	Octo-ber	Novem-ber	Decem-ber	January	Febru-ary	March	Total	In % of total landings
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Sardine	6176	3372	905	1948	1244	15593	17369	21327	38431	2496	10294	7543	126698	34.4
Prawn and other crustaceans	1732	4516	5661	17218	7153	3295	514	953	893	2362	1547	5146	50992	13.9
Perche	220	217	232	4580	15600	2152	2210	21	118	1483	579	153	27565	7.5
Mackerel	1734	660	441	239	47	8582	2120	1037	1876	1172	2371	3017	23296	6.3
Ribbon fish	215	131	3072	5809	1007	11168	1523	79	10	121	78	19	23232	6.3
Anchoviella	327	322	375	1161	1721	5437	7055	52	176	37	342	1776	18781	5.1
Seveanid	788	1109	972	2096	1404	3203	364	174	339	586	841	433	12309	3.3
Elasmobranch	257	1354	974	235	614	309	3325	318	305	757	626	542	9616	2.6
Cat fish	222	1964	1418	1785	222	851	1176	113	145	251	220	194	8561	2.4
Others	3892	7855	4898	6149	6893	11142	8531	2552	2929	3433	4501	4021	66796	18.2
Total	15563	21500	18948	41220	35907	61732	44187	26626	45222	12698	21399	22844	367846	100.0

Source: FAO Working Paper, General Description of Marine Small Scale Fisheries, Kerala, India.

9.37 District-wise landings (marine) in Kerala by type of fish 1979 (quantity in tonnes)

Sl. No.	Name of fish	Trivandrum	Quilon	Alleppey	Ernakulam	Trichur	Malappuram	Calicut	Cannanore	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1.	Elasmo branches	..	990	1350	551	1858	432	313	418	985	6897
2.	Eels	..	..	..	..	7	1	..	1	1	10
3.	Cat fishes	..	500	3288	910	1502	303	259	1245	3222	11229
4.	Chirocentrus	..	604	115	16	28	38	26	41	225	1125
5.	(a) Oil sardine	..	5968	5065	25193	15290	15001	7350	16511	25945	116323
	(b) Lesser sardines	..	5043	1679	7494	396	130	55	576	541	15914
	(c) Hilsa Ilisha	..	6	..	..	..	..	..	..	..	6
	(d) Other Hilsa	..	33	2	..	1	..	..	..	..	36
	(e) Anchoviella	..	4112	1885	162	351	19	6	10	5	6550
	(f) Thriassocles	..	38	424	485	170	159	145	169	199	1789
	(g) Other clupeids	..	60	411	43	83	9	..	..	68	674

9.37 (Contd....)

Sl. No.	Name of fish	Trivandrum	Quilon	Alleppy	Ernakulam	Trichur	Malappuram	Calicut	Cannanore	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
6.	(a) Harpodon nehereus ..	..	..	..	..	..	..	1	..	1
	(b) Saurida and saurus ..	27	4810	2	466	2	5	10	3	5325
7.	Hemirhamphus and Belone ..	36	121	17	52	..	..	16	15	257
8.	Flying fish ..	..	..	..	..	..	..	..	..	..
9.	Perches ..	1676	15306	106	2873	42	27	65	51	20146
10.	Red mullets ..	..	21	1	..	..	37	68	..	127
11.	Polynemids ..	..	..	..	..	..	8	18	2	29
12.	Sciaenids ..	794	1611	304	1339	137	130	254	665	5234
13.	Ribbon fish ..	21056	2002	87	638	170	69	853	810	25685
14.	(a) Caranx ..	10171	573	252	307	181	80	256	492	12312
	(b) Chorinemus ..	9	11	1	104	1	1	1	..	128
	(c) Trachinotus ..	..	..	..	..	..	..	..	..	..
	(d) Other caraugids ..	..	..	..	..	..	..	..	..	..
	(e) Corvohaena ..	38	7	2	3	..	..	..	..	48
	(f) Flacate ..	15	1	35	45	..	..	12	12	120
15.	(a) Leignathus ..	1051	936	305	313	33	71	111	767	3587
	(b) Crazza ..	..	..	..	..	..	..	..	..	..
16.	Lactarius ..	148	16	14	24	3	14	26	8	253
17.	Pouefrets ..	559	134	39	320	23	38	125	499	1737
18.	Mackerel ..	4133	1475	3699	1181	2782	1710	2177	1389	18546
19.	Seer fish ..	2698	544	589	1168	68	60	121	1027	6275
20.	Tuunics ..	11937	1881	47	1496	4	9	14	2	15390
21.	Sphyraena ..	424	22	..	27	2	1	..	..	476
22.	Muyil ..	..	6	6	19	6	1	1	..	39
23.	BreQuraceros ..	..	..	..	..	..	..	..	..	..
24.	Soles ..	254	2269	502	455	80	151	318	458	4487
25.	Penacid prawns ..	63	15135	1400	4996	1035	1444	2468	2980	29521
	(b) Non-penacid prawns ..	53	16	6	..	..	..	..	..	75
	(c) Lobsters ..	8	9	2	..	..	..	1	..	20
	(d) Crabs ..	..	1205	208	907	25	184	730	585	3845
	(e) Squilla ..	..	1940	..	1857	..	..	..	..	3798
26.	Cephalopools ..	1376	1157	2	440	..	..	..	..	2975
27.	Miscellaneous ..	685	2515	404	1010	2684	1006	103	128	8535
	Total ..	74565	67943	42882	39727	23370	13202	26721	41114	329523
	MBL ..	..	52077	246	25791	3270	2883	4037	3775	9217

Source: Director, Fisheries Department.

9.38. Ice production, Fish storage and freezing facilities 1976

District	Ice production capacity per day (Tonne)	Fresh fish storage (Tonne)	Freezing capacity per day (Tonne)	Frozen fish storages (Tonne)
(1)	(2)	(3)	(4)	(5)
Cannanore ..	284	265	31	940
Kozhikode ..	265	131	39	395
Malappuram ..	177	50	..	..
Trichur ..	175	51	3	25
Ernakulam ..	838	265	456	6441
Alleppey ..	423	76	39	332
Quilon ..	432	101	93	1550
Trivandrum ..	52	65	..	..
Total ..	2646	1004	661	9683

Source: FAO working paper "General description of Marine Small Scale Fisheries" Kerala, India.

9.39. Disposal of marine landings in 1978-79

Form of disposal	Fish		Crustaceans	
	(Tonne)	(% of total)	(Tonne)	(% of total)
(1)	(2)	(3)	(5)	(6)
Fresh ..	153437	50	2520	5
Dried/cured ..	107405	35	2520	5
Frozen ..	12274	4	38244	75
Canned ..	3068	1	7648	15
Fish meal/others ..	30687	10	..	..
Total ..	306874	100	50932	100

Source: FAO working paper "General description of Marine Small Scale Fisheries" Kerala, India.

9.40. Trend of marine fish catch by mechanised and non-mechanised vessels along the Kerala coast during 1969-79 (in tonne)

Year	Total catch	catch of non-mechanised crafts	catch of mechanised crafts	percentage of the mechanised craft catch
(1)	(2)	(3)	(4)	(5)
1969 ..	2,94,787	2,66,610	28,177	9.6
1970 ..	3,92,880	3,40,309	52,571	13.4
1971 ..	4,45,347	3,98,056	47,291	10.6
1972 ..	2,95,618	2,56,970	38,648	13.1
1973 ..	4,48,269	3,54,610	93,659	20.9
1974 ..	4,20,257	3,188,45	1,01,412	24.1
1975 ..	4,20,836	2,40,725	1,80,111	42.8
1976 ..	3,31,047	2,72,330	58,717	17.7
1977 ..	3,45,037	2,37,613	1,07,424	31.1
1978 ..	3,73,339	2,55,983	1,17,356	31.4
1979 ..	3,30,480	2,35,259	95,191	28.8

Source: Central marine fisheries research institute.

9.41. Composition of catch in the mechanised fishing of Kerala in 1978.

Name of fish	catch in tonne	percentage
(1)	(2)	(3)
Elasmo branches ..	8,302	7.90
Eels ..	38	0.03
Cut fishes ..	9,125	7.80
Perches ..	21,919	18.70
Red mullets ..	171	0.15
Polymeurids ..	35	0.03
Seiaenids ..	12,045	10.30
Leiognathus ..	2,140	1.80
Lacturius ..	1,533	1.30
Pourfrets ..	1,614	1.40
Soles ..	5,276	4.50
Penacid prawns ..	45,034	(38.40)
Non-penacid prawns ..	394	0.34
Lobsters carabs and other crustaceans ..	214	0.18
Cephalopods ..	5,506	4.70
Miscellaneous ..	2,010	2.47
	117,356	100.00

Source: Central Marine Fisheries Research Institute.

9.42. Percentage composition of catches of machine boats at Neendakara in the total mechanised fishing of Kerala during 1973—79
(In tonne)

Year	Total catches of mechanised boats in Kerala	Total catches of mechanised boats in Neendakara	Percentage
(1)	(2)	(3)	(4)
1973	93659	66064	70.54
1974	101412	77748	76.67
1975	180111	151095	83.89
1976	58717	29836	50.81
1977	107424	45828	42.66
1978	117356	89892	76.60
1979	95191	56016	58.85

9.43. Trend in prawn production by mechanised boats at Neendakara during 1973-79.

Year	Total catch (tonne)	prawn catch (tonne)	total effort (in hrs.)	CPVE for prawn in Kg.	% of prawn in total catch
(1)	(2)	(3)	(4)	(5)	(6)
1973	66064	45474	550370	82.6	68.8
1974	77748	27764	823719	33.7	35.7
1975	151095	56750	1331728	42.6	37.6
1976	29836	14993	536897	27.9	50.2
1977	45828	24191	1336732	18.0	52.6
1978	89892	33143	2413475	13.7	36.8
1979	56016	14582	3467943	4.2	26.0

Source: Kerala Boat owners Association.

9.44. Catch per unit effort by motorised boats at Neendakara 1973-1979

Year	Total catch (tonne)	catch per unit effort(kg./hour)	prawn catch (tonne)	prawn catch per unit effort(kg./hour)	prawn catch (% of total)
(1)	(2)	(3)	(4)	(5)	(6)
1973	66064	120.0	45477	82.6	69
1974	77748	94.4	27764	33.7	36
1975	151095	113.5	56750	42.6	38
1976	29836	55.6	14993	27.9	50
1977	45828	34.3	24121	18.0	53
1978	89892	37.2	33143	13.7	37
1979	56016	16.2	14582	4.2	26

Source: FAO Working paper General Description of Marine Small Scale Fisheries, Kerala and India.

9.45. Export of Fish Products

Year	Quantity (tonne)	Value (Rs.)
(1)	(2)	(3)
1965-66	9557	6,01,00,000
1970-71	23896	27,57,00,000
1976-77	31595	90,11,68,000
1977-78	29819	77,44,64,000
1978-79	32301	93,99,51,000
1979-80	N.A.	N.A.

Source: Fisheries Department.

9.46. Exports of marine products (1971-78)

Year	Quantity		Share of Kerala (%)	Value		Share of Kerala (%)
	India	Kerala		India	Kerala	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971	34032	21569	63	391.7	301.6	77
1972	38371	25519	67	581.3	422.6	73
1973	78785	30826	63	795.7	540.8	68
1974	46629	24529	53	763.1	433.6	57
1975	53412	32478	61	1049.0	602.9	58
1976	66750	31153	47	1891.2	879.4	49
1977	64963	27801	43	1797.3	746.8	42
1978	77945	31848	41	2121.5	850.1	41

Source: FAO working paper "General Description of Marine Small Scale Fisheries" Kerala, India.

9.47. Exports of marine products by items 1978

Items	Quantity in tonne	in % of total
Frozen Shrimp	16615	83.5
Frozen squid	1529	4.8
Frozen frog-legs	1449	4.5
Frozen cuttle fish	667	2.1
Frozen fish	503	1.6
Frozen lobster tails	325	1.1
Canned and dried shrimp	188	0.6
Others	572	1.8
Total	31848	100

Source: FAO, Working paper "General Description of Marine small scale Fisheries" Kerala, India.

9.48. Marine landings by traditional & motorized sectors (1972-79) (In '000 Tonne)

Year	Total Landings	Traditional Sector	Motorized Sector	Motorized sector in % of total
(1)	(2)	(3)	(4)	(5)
1972	296	257	39	13
1973	448	355	93	21
1974	420	319	102	24
1975	421	241	180	43
1976	331	272	59	18
1977	345	238	107	31
1978	373	256	117	31
1979	330	235	95	29

Source: FAO working paper "General description of Marine Small Scale Fisheries" Kerala, India

9.49. Fishing equipments in Kerala 1979

District	Number of equipments			Total
	Cattamaram†	Dugout canoe *	plank built Boats*	
(1)	(2)	(3)	(4)	(5)
Trivandrum	7854	1281	92	9227
Quilon	1575	1967	800	4342
Alleppey	67	1785	710	2562
Ernakulam	..	1672	639	2311
Trichur	..	791	305	1096
Malappuram	..	545	251	796
Kozhikode	..	911	570	1481
Cannanore	..	1337	329	1666
Total	9496	10289	3696	23481

† Source: Fisheries Department

*Source: Live stock Census 1977.

9.50. Distribution of traditional crafts by districts

District	No. of landing centres	% of distribution of craft		
		Kattamaram	Dug out Canoes	Plank built canoes
(1)	(2)	(3)	(4)	(5)
Trivandrum ..	46	83	11	6
Quilon ..	23	16	16	32
Alleppey ..	28	..	14	23
Ernakulam ..	22	1	9	6
Trichur ..	16	..	5	13
Malappuram ..	29	..	9	6
Kozhikode ..	49	..	23	7
Cannanore ..	46	..	13	7
Total ..	259	100	100	100

Source: FAO working paper "General Description of Marine small scale Fisheries" Kerala, India.

9.51. Number of Motorized boats and their contribution to marine fish production 1960-1979

Year	No. of motorized boats	% of total marine landings
(1)	(2)	(3)
1960	16	not available
1963	206	not available
1966	788	"
1969	1505	9.6
1972	1944	13.1
1975	2105	42.8
1977	2641	31.1
1979	3000	28.8

Source: F. A.O. Working paper "General Description of Marine Small Scale Fisheries" Kerala, India.

9.52. Particulars of fisherfolk population by district 1979

District	Number of Households			Annual income of Household			Total	Number of Fisher folk Population		
	Hindu	Muslim	Christian	Total	0-1000 (Rs. %)	1001-3000 (Rs. %)		above 3000 (Rs. %)	Sea going fishermen	Allied activity including estuarine & Brakish water
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Trivandrum ..	1310	4616	16439	22365	61	35	4	128125	23904	604
Quilon ..	4674	2133	8875	15682	43	51	6	97858	11052	7956
Alleppey ..	11402	1725	9214	22341	55	44	1	136631	17186	13584
Kottayam ..	2737	121	387	3245	48	50	2	19420	4	4391
Ernakulam ..	9862	564	5483	15909	24	71	5	102222	10990	11061
Trichur ..	5966	3043	625	9634	47	51	2	68543	8248	4166
Malappuram ..	598	6680	2	7280	58	39	3	61849	11731	1244
Kozhikode ..	4849	6928	14	11791	53	44	3	88639	16204	1188
Cannanore ..	5664	4207	444	10315	35	60	5	74090	14717	1091
Total ..	47062	30017	41483	118562	48	48	4	777377	114036	45077

Source: FAO Working Paper "General Description of Marine Small Scale Fisheries" Kerala, India

X BANKING

10.1 Distribution of offices of Commercial Banks in Kerala State as on end of December 1971 to 1979

Sl. No.	Banks	1971	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)
1.	Nationalised Banks ..	288	516	543	551
2.	State Bank of India and its Subsidiaries ..	229	399	429	441
3.	Other Indian Scheduled Banks ..	318	928	971	984
4.	Foreign Banks ..	4	4	4	4
5.	Non-Scheduled Banks ..	74	29	35	37
	Total ..	913	1876	1982	2017

Source: Reserve Bank of India.

10.2 District-wise distribution of commercial bank offices in Kerala State

District	End of June 1969	End of March 1977	End of June 1978	End of December 1979	End of March 1980
Trivandrum ..	53	159	195	205	213
Quilon ..	41	137	178	180	180
Alleppey ..	48	164	224	227	227
Kottayam ..	55	136	186	186	186
Idukki ..	..	54	58	62	62
Ernakulam ..	142	291	348	357	361
Trichur ..	106	215	263	262	264
Palghat ..	57	137	169	171	171
Malappuram ..	..	80	112	118	121
Kozhikode ..	50	125	163	173	173
Cannanore ..	49	143	202	209	210
State ..	601	1641	2098	2150	2168

Source: Reserve Bank of India

10.3 District-wise distribution of offices of commercial banks according to population groups December 1976

District	Number of Offices			
	Total	Rural	Semi Urban	Urban
(1)	(2)	(3)	(4)	(5)
Trivandrum ..	148	37	45	66
Quilon ..	132	44	60	28
Alleppey ..	146	58	66	22
Kottayam ..	126	54	72	..
Idukki ..	42	20	22	..
Ernakulam ..	248	52	90	106
Trichur ..	182	79	103	..
Palghat ..	123	52	71	..
Malappuram ..	76	25	51	..
Kozhikode ..	120	34	40	46
Cannanore ..	139	53	86	..
State ..	1482	508	706	268

Source: Banking Statistics (R.B.I.) December 1977.

10.4 District-wise distribution of offices of commercial banks according to population groups - December 1977

District	Number of Offices			
	Total	Rural	Semi-urban	Urban
(1)	(2)	(3)	(4)	(5)
Trivandrum	176	51	50	75
Quilon	167	66	69	32
Alleppey	208	85	97	26
Kottayam	170	67	103	..
Idukki	57	27	30	..
Ernakulam	309	76	110	123
Trichur	250	127	123	..
Palghat	159	75	84	..
Malappuram	93	34	59	..
Kozhikode	145	48	46	51
Cannanore	179	76	103	..
State	1913	732	870	307

Source: Banking Statistics (R.B.I.) December 1977.

10.5 District-wise details of deposits and advances of commercial bank offices in Kerala

(Amount Rs. in Lakhs)

District	Deposits			Advances		
	As on December 1970	As on June 1977	As on June 1978	As on December 1970	As on June 1977	As on June 1978
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	2462	9450	12616	1145	3948	7231
Quilon	1150	5538	7636	1271	7694	8558
Alleppey	1521	6831	9776	850	2789	3773
Kottayam	1468	5332	7191	802	2468	3111
Idukki	..	848	1129	..	429	669
Ernakulam	4651	16690	19892	5243	14282	16287
Trichur	1901	7806	11104	927	2821	3763
Palghat	1238	4117	5398	371	792	2473
Malappuram	268	1464	2194	154	860	1173
Kozhikode	1154	4426	5778	894	3315	4711
Cannanore	1168	4596	6323	774	2537	3389
State	16981	67098	89037	12430	42935	55138

Source: Reserve Bank of India

10.6 District-wise and occupation-wise classification of outstanding credit of scheduled commercial banks 1977

(Rs. in Thousands)

District	Occupation									
	Total Bank Credit				Agriculture					
	Of which for small scale Industrial units		Total		Direct Finance		Indirect Finance			
Number of Accounts	Amount	Number of Accounts	Amount	Number of Accounts	Amount	Number of Accounts	Amount	Number of Accounts	Amount	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Trivandrum	205112	460064	3402	38135	52524	56690	51034	53751	1490	2939
Quilon	153816	568507	1949	189512	53589	44227	50593	42438	2996	1789
Alleppey	190292	390119	1547	80371	55735	82185	53682	43419	2053	38764
Kottayam	130725	349785	1637	40572	45986	63228	43004	59780	2982	3448
Idukki	51230	55812	207	3383	22333	22870	22151	22566	182	304
Ernakulam	250962	1422944	4698	195195	73939	94304	70199	83535	3740	10769
Trichur	211824	395035	2952	57582	81922	64485	78041	60977	3881	3508
Palghat	171297	220182	1207	25535	65400	64521	58377	58349	7023	6172
Malappuram	99686	116082	363	9685	40856	33229	35760	30152	5096	3077
Kozhikode	166394	415357	2825	61990	85986	86468	79411	82132	6575	4336
Cannanore	190237	312376	2683	52619	70149	56135	66167	53569	3982	2566

(Contd....)

Table 10.6 (Contd....)

District	Industry							
	Total		Food Manufacturing		Textiles		Chemicals	
	Number of Accounts	Amount	Number of Accounts	Amount	Number of Accounts	Amount	Number of Accounts	Amount
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Trivandrum ..	3741	118804	74	6033	88	44917	80	4887
Quilon ..	2382	379067	578	242308	57	6137	79	4374
Alleppey ..	1907	158119	148	25447	343	77452	71	10810
Kottayam ..	2443	115716	94	4309	25	2855	99	13859
Idukki ..	246	3775	19	764	16	411	15	474
Ernakulam ..	5705	767769	548	135061	126	47420	422	131452
Trichur ..	3594	143670	244	14183	128	46996	111	6423
Palghat ..	1363	42182	86	4767	21	3967	51	1708
Malappuram ..	407	16244	40	4546	17	1184	14	627
Kozhikode ..	3095	121551	115	9407	98	18436	94	11543
Cannanore ..	3098	95678	98	7933	566	33370	60	5091

Table 10.6 (Contd....)

District	Industry							
	Metals		Engineering		Others		Transport Operators	
	Number of Accounts	Amount	Number of Accounts	Amount	Number of Accounts	Amount	Number of Accounts	Amount
(1)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)
Trivandrum ..	60	2573	143	24997	3296	35397	751	20362
Quilon ..	90	47400	47	25197	1531	53651	538	11208
Alleppey ..	72	4580	50	15647	1223	24183	585	8458
Kottayam ..	45	1629	71	4462	2109	88602	526	11815
Idukki ..	10	270	1	12	185	1844	146	3476
Ernakulam ..	240	35089	356	205779	4013	212968	2028	32578
Trichur ..	111	6561	118	8276	2882	61231	943	19888
Palghat ..	117	7536	62	8732	1026	15472	408	6403
Malappuram ..	7	2109	14	2358	315	5420	255	6513
Kozhikode ..	74	26380	31	3062	2683	52723	925	27631
Cannanore ..	22	2210	19	9100	2333	37974	1044	26155

Table 10.6 (Contd....)

District	Trade									
	Services		Total		Of which retail trade		Personal loans		All Others	
	Number of Accounts	Amount	Number of Accounts	Amount	Number of Accounts	Amount	Number of Accounts	Amount	Number of Accounts	Amount
(1)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)
Trivandrum ..	11268	28188	10466	90773	9724	21962	39049	44525	87313	100722
Quilon ..	6841	11789	5124	39065	4790	19739	24890	28039	60452	55112
Alleppey ..	7074	10931	8990	44830	8625	14571	43598	31893	72303	53703
Kottayam ..	2508	10361	5138	76859	4658	26766	31883	31289	42241	40517
Idukki ..	1775	2088	2959	7951	2891	5093	6227	3751	17544	11901
Ernakulam ..	19291	42780	13945	309130	12097	68169	42412	56200	93642	120183
Trichur ..	12063	17640	8878	50141	8506	32847	28327	36560	76097	62651
Palghat ..	5365	9226	4221	32302	3953	16225	26161	22150	68379	43397
Malappuram ..	2362	3487	5161	17902	5037	9535	7194	6524	43451	32183
Kozhikode ..	7657	15111	9488	100318	8414	27263	16245	19487	42998	44791
Cannanore ..	7735	10378	8873	51613	8445	24153	27547	23332	71791	49085

Source: Banking Statistics (R.B.I.)

10.7. Statement showing the district-wise position of deposits and advances to the priority sectors in Kerala as on March 1979

(Rs. in Lakhs)

Districts	<i>Total loans and advances to Small Scale Industries including loans and advances granted to Craftmen and other qualified enterprenures and term loans granted to Small Scale Industries</i>			<i>Advances to Road and Water Transport Operators</i>			<i>Loans for setting up Industrial Estates</i>		
	<i>Number of accounts</i>	<i>Limits sanctioned</i>	<i>Balance outstanding</i>	<i>Number of accounts</i>	<i>Limits sanctioned</i>	<i>Balance outstanding</i>	<i>Number of accounts</i>	<i>Limits sanctioned</i>	<i>Balance outstanding</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	517	39.96	583.64	197	44.06	175.25	..	..	..
Quilon	279	138.09	2780.71	163	55.50	186.29	..	..	..
Alleppey	512	26.77	513.10	189	36.03	153.88	..	..	..
Kottayam	577	67.36	464.44	159	55.20	176.25	..	..	..
Idukki	48	3.25	52.12	55	14.43	56.32	..	..	..
Ernakulam	522	292.96	2658.49	272	79.30	316.11	..	..	..
Trichur	306	44.29	715.22	143	35.64	211.11	..	..	..
Palghat	140	15.04	308.57	40	14.70	77.54	..	..	..
Malappuram	97	16.40	102.90	49	17.95	75.27	..	..	..
Kozhikode	411	222.56	517.71	121	40.93	300.67	..	..	..
Cannanore	527	58.85	629.59	145	29.66	259.40	..	..	..
Total	3936	925.53	9326.49	1533	423.40	1987.09	..	..	..

Table 10.7. (Contd...)

District	<i>Advances to Agriculture</i>						<i>Advances to other priority sectors</i>		
	<i>Direct Finance</i>			<i>Indirect Finance</i>			<i>Retail trade and small business</i>		
	<i>No. of accounts</i>	<i>Limits sanctioned</i>	<i>Balance outstanding</i>	<i>No. of accounts</i>	<i>Limits sanctioned</i>	<i>Balance outstanding</i>	<i>No. of accounts</i>	<i>Limits sanctioned</i>	<i>Balance outstanding</i>
(1)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Trivandrum	21343	231.37	877.34	272	5.80	135.30	2353	52.43	355.34
Quilon	23724	258.06	733.86	28	0.60	3.34	1803	37.71	275.15
Alleppey	17234	208.67	1146.01	134	1.04	13.96	3633	44.41	276.14
Kottayam	19212	226.52	618.96	4	0.58	12.74	2292	80.62	294.68
Idukki	8398	129.36	339.05	196	2.12	12.33	915	16.97	84.90
Ernakulam	22257	210.95	847.49	189	1.16	212.46	2962	91.55	633.15
Trichur	18082	215.78	752.44	1261	6.84	29.00	2781	95.49	421.01
Palghat	22729	242.72	731.40	899	6.32	67.33	1294	29.24	212.44
Malappuram	21403	192.32	461.03	3	0.42	62.60	2639	46.46	154.21
Kozhikode	42062	484.39	1327.29	3	0.21	535.32	3306	86.21	414.63
Cannanore	26079	281.16	941.62	13	0.21	1.30	3429	87.32	357.52
State	242523	2681.30	8773.49	3002	25.30	1085.68	27407	668.41	3479.17

Contd....

Table 10.7. (Contd...)

District	Advances to other priority sectors						Advances to Exports		
	Professional and self employed persons			Education			Pre-shipment Finance		
	No. of accounts	Limits sanctioned	Balance outstanding	No. of accounts	Limits sanctioned	Balance outstanding	No. of accounts	Limits sanctioned	Balance outstanding
(1)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
Trivandrum	1087	19.05	135.26	56	1.16	6.65	..	..	..
Quilon	527	38.47	104.14	284	1.59	6.72	..	..	..
Alleppey	1235	13.13	97.79	10	0.39	3.83	..	..	..
Kottayam	822	17.51	71.58	10	0.61	3.10	..	..	..
Idukki	371	5.81	31.41	10	0.08	2.14	..	..	..
Ernakulam	2017	62.26	382.11	114	58.93	21.71	..	..	..
Trichur	1249	19.60	147.91	6	0.08	2.31	..	..	..
Palghat	823	19.23	94.10	16	0.58	14.07	..	..	..
Malappuram	915	13.46	47.65	3	0.02	0.19	..	..	..
Kozhikode	2406	30.25	156.71	1109	4.35	41.67	..	..	..
Cannanore	1333	22.55	98.51	44	0.52	3.61	..	..	..
Total	12785	261.32	1399.17	1662	68.31	106.00	..	..	..

Table 10.7. (Contd...)

District	Advances to exports			Total advances to priority weaker sectors						
	Post-shipment finance			No. of accounts	Limits sanctioned	Balance out-standing	Total Deposits	Total advances (including bills purchased discounted)	Percentage of advances to priority sectors to total advances	Credit deposits ratio
	No. of accounts	Limits sanctioned	Balance out-standing							
(1)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
Trivandrum	25825	393.81	2268.78	16430.66	9097.86	25	55
Quilon	26808	530.02	4090.21	8757.62	6928.79	47	79
Alleppey	22947	330.44	2209.73	12512.46	5194.79	43	42
Kottayam	23116	448.40	1641.75	8549.00	3871.90	42	45
Idukki	10093	172.02	578.27	1377.85	891.32	65	65
Ernakulam	28333	797.11	5071.52	24236.28	21037.46	24	87
Trichur	23828	417.73	2279.00	12861.57	4919.35	46	38
Palghat	25941	327.90	1505.52	6281.06	2793.16	56	54
Malappuram	25112	287.11	904.80	2653.69	1588.30	20	60
Kozhikode	49419	868.90	3294.32	6585.71	6526.65	50	99
Cannanore	40011	510.97	2370.86	7237.53	4573.04	52	63
Total	301433	5084.41	26214.76	107483.43	67422.62	39	63

Source: Reserve Bank of India.

XI. CO-OPERATION

11.1. No. of Co-operative Societies—by type

Type of Society	1960-61	1970-71	1975-76	1976-77	1977-78
(1)	(2)	(3)	(4)	(5)	(6)
1. State Co-operative Bank ..	1	1	1	1	1
2. Co-operative Central Bank ..	7	10	11	11	11
3. Central Land Mortgage Bank ..	1	1	1	1	1
4. Primary Land Mortgage Banks ..	10	22	34	33	33
5. Primary Agricultural Credit Societies ..	2239	1888	1678	1646	1630
6. Primary Non-agricultural credit Societies ..	359	371	492	523	541
7. Harijan Co-operative Societies ..	..	273	242	267	291
8. Marketing Societies					
(i) Apex Societies (Federation) ..	1	2	2	2	2
(ii) Central Societies ..	2	1	N.A.	N.A.	N.A.
(iii) Primary Marketing Societies ..	72	88	99	99	91
9. Egg and Poultry Societies ..	..	56	19	37	42
10. Other livestock Societies ..	..	1	1	3	3
11. Farming Societies:	132	131	71	57	52
i. Joint Farming	..	..	..	9	10
ii. Collective Farming	..	..	..	..	..
12. Irrigation Societies ..	35	20	20	20	20
13. Consumers Stores:					
(i) Consumer Federation ..	..	1	1	1	1
(ii) Wholesale stores ..	1	11	11	11	11
(iii) Primary Consumer Stores ..	175	335	329	325	321
14. Other processing Societies ..	1	1	N.A.	2	N.A.
15. Housing Co-operative Societies:					
(i) Apex Society ..	..	1	1	1	1
(ii) Urban-Co-operative Societies ..	59	93	150	154	156
(iii) Rural Co-operative Societies	..	..	..	..	..
16. Co-operative Weavers Societies ..	22	6	3	3	3
17. Other Industrial Societies ..	27	10	7	6	6
18. School and College Stores ..	..	..	3000	3202	3235
19. Labour Contract and Construction Societies ..	..	..	68	71	77
20. Forest Labourers Co-operative Societies ..	..	..	15	13	12
21. Transport Societies:					
(a) Ex-Servicemen ..	..	..	6	15	5
(b) For others ..	..	..	12	..	11
22. Other Non-credit Societies:					
(a) Agriculture ..	156	1050	87	84	80
(b) Non-agriculture ..	842	..	242	242	244
23. Supervising unions ..	54	52	N.A.	N.A.	N.A.
24. Circle unions ..	..	..	57	58	N.A.
25. State Co-operative Unions ..	1	1	1	1	1
26. Milk Supply unions ..	10	10	9	N.A.	9*
27. Milk Supply Societies ..	136	363	521	N.A.	840*
28. Fishermen Co-operative Societies ..	280	1002	899	768	648
29. Sugar Factories ..	2	..	2	2	2
30. Cotton Ginning and Pressing ..	1	..	..	..	..
31. Ghee Societies ..	..	..	N.A.	N.A.	N.A.
32. State Handloom Apex Society ..	..	1	1	1	1
33. Primary Weavers Co-operative Societies ..	..	353	3	N.A.	N.A.
34. Primary Handloom Weavers Co-operative Societies having powerloom ..	..	66	29	29	29
35. Coir Primary Societies ..	..	543	N.A.	N.A.	N.A.
36. Coir Central Societies ..	..	4	N.A.	N.A.	N.A.

Source: Registrar of Co-operative Societies.

* Relates to the year 1979-80

11.2. Membership of Co-operative Societies

Type of Society	1960-61	1970-71	1975-76	1976-77	1977-78
(1)	(2)	(3)	(4)	(5)	(6)
1. State Co-operative Bank	8	11	12	12	12
2. Co-operative Central Bank	2663	3370	3690	3720	3990
3. Central Land Mortgage Bank	1430	22	32	31	32
4. Primary Land Mortgage Banks	15807	69032	151493	182243	255877
5. Primary Agricultural Credit Societies	798108	1660000	2347326	2469745	2676535
6. Primary Non-agricultural Credit Societies	297088	366000	506770	594776	720000
7. Harijan Co-operative Societies	..	35000	39982	48430	68449
8. Marketing Societies					
(i) Apex Societies (Federation)	228	61	114	116	110
(ii) Central Society	8795	9415	N.A.	N.A.	N.A.
(iii) Primary Marketing Societies	21641	68404	124158	142431	149490
9. Poultry Societies	..	5022	2429	4354	6107
10. Other Livestock Societies	..	125	222	449	544
11. Farming Societies					
(i) Joint Farming	16006	7847	9563	6460	6137
(ii) Collective Farming	..	872	..	2464	2492
12. Irrigation Societies	3510	2060	2705	2738	2801
13. Consumers Stores					
(i) Consumers Federation	..	9	25	25	25
(ii) Wholesale stores	25	43283	28317	14092	14032
(iii) Primary Consumers Stores	38324	118464	127587	134144	134856
14. Other processing Society (Marketing)	..	282	429	475	N.A.
15. Housing Co-operative Societies					
(i) Apex Society	..	28	..	111	120
(ii) Urban Co-operative Societies	1868	6422	24430	26608	33324
(iii) Rural Co-operative Societies	1561	3418	..	..	..
16. Co-operative Weavers Societies	3794	943	228	234	799
17. Other Industrial Societies	2279	453	3289	2351	3313
18. School and College Stores	..	..	1389745	1776563	2107758
19. Labour Contract and Construction Societies	..	..	11153	11245	12258
20. Forest Labourers Co-operative Societies	..	..	2074	1555	1587
21. Transport Societies					
(i) Ex-service men	..	..	497	2190	1003
(ii) For others	..	..	1101	..	948
22. Other Non-credit Societies					
(a) Agriculture	23631	670472	15335	15283	14513
(b) Non-agriculture	130690	..	60910	57152	61921
23. Supervising unions	3722	3980	N.A.	N.A.	N.A.
24. Circle unions	..	..	3568	N.A.	N.A.
25. State Co-operative Unions	22	68	4743	N.A.	N.A.
26. Milk Supply Unions	4546	2778	4128	N.A.	5733*
27. Milk Supply Societies	12199	52128	97764	N.A.	178814*
28. Fishermen Co-operative Societies	38590	113904	95945	81493	..
29. Sugar Factories	670	..	..	163	..
30. Cotton ginning and pressing	146	..	..	..	..
31. Ghee Societies	..	..	..	..	..
32. State Handloom Apex Society	..	306	N.A.	333	..
33. Primary weavers Co-operative Societies	..	..	..	..	..
34. Primary Handloom weavers Co-operative Society having Powerloom	..	15496	N.A.	..	..
35. Coir primary Society	..	126327	N.A.	..	..
36. Coir Central Societies	..	386	N.A.	..	..

Source: Registrar of Co-operative Societies

*Relates to the year 1979-80

11.3.1. Operational details of Co-operative Societies

(Amount in '000)

Sl.No.	Type of society	1960-61					
		Paid up Share Capital	Reserve and other funds	Deposits and borrowing	Working Capital	Loans advanced	Loans outstanding
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	State Co-operative Bank	3934.5	529.1	23509.2	27972.9	18955.5	19616.1
2.	Co-operative Central Bank	7815.4	1540.4	45134.1	54489.8	33150.7	35931.6
3.	Central Land Mortgage Bank	3325.3	716.2	2409.8	6451.3	1986.3	10156.3
4.	Primary Land Mortgage Banks	494.5	219.5	6106.4	6820.4	604.3	5604.9
5.	Primary Agricultural Credit Societies	17451.8	9893.0	40055.6	67400.4	50885.6	51355.1
6.	Primary Non-Agricultural Credit Societies	5538.9	2513.8	19985.6	28038.4	23310.0	20907.4
7.	Harijan Co-operative Societies	..	..	..	..	..	..
8.	Marketing Societies:						
	(i) Apex Societies	265.0	282.9	72.8	620.7	..	..
	(ii) Central Societies	297.8	77.7	1590.4	1966.0	1811.7	1276.2
	(iii) Primary marketing Societies	1134.0	644.4	2073.2	3851.6	2317.2	988.3
9.	Egg and Poultry Societies	..	..	..	..	..	..
10.	Farming Societies:						
	(i) Joint Farming	..	..	..	..	..	..
	(ii) Collective Farming	446.5	73.5	520.1	1040.1	345.7	311.0
11.	Irrigation Societies	47.6	17.9	44.9	110.4	..	..
12.	Consumer's Stores:						
	(i) Consumer Federation	..	..	..	..	..	..
	(ii) Wholesale Stores	6.2	..	..	6.2	..	..
	(iii) Primary Consumer's Stores	702.5	899.2	910.7	2512.4	..	..
13.	Housing Co-operative Societies	..	..	..	..	..	..
	(i) Apex Society	519.9	519.9	308.2	2000.3	306.9	1504.5
	(ii) Urban Co-operative Societies	..	..	..	..	..	..
	(iii) Rural Co-operative Societies	..	..	..	..	..	..
14.	Other Livestock Societies	..	..	..	..	..	..
15.	Other Processing Society	..	..	..	..	..	..
16.	Co-operative Weaver's Societies	72.1	103.4	88.9	264.4	..	..
17.	Other Industrial Societies	55.0	11.3	20.7	87.0	..	..
18.	School and College Stores	..	..	..	..	..	..
19.	Other Non-credit Societies:						
	(a) Agriculture	348.1	995.3	1354.5	2697.9	114.2	487.5
	(b) Non-agriculture	1792.1	1472.1	2762.6	6027.3	232.2	187.6
20.	Supervising Unions	..	..	..	..	..	..
21.	State Co-operative Unions	..	..	..	..	..	..
22.	Milk Supply Union	112.5	322.8	114.8	550.1	256.1	109.3
23.	Milk Supply Societies	157.2	65.3	102.5	325.0	97.1	77.7
24.	Fishermen Co-operative Societies	619.7	490.3	998.9	2108.9	414.8	1102.3
25.	State Handloom Apex Society	..	..	..	..	..	..
26.	Primary Handloom Weaver's Co-operative Society having Powerloom	..	..	..	..	..	..
27.	Coir Primary Societies	..	..	..	..	..	..
28.	Coir Central Societies	..	..	..	..	..	..
29.	Sugar Factories	460.3	..	2000.0	2460.3	..	..
30.	Cotton Ginning and Pressing	10.2	..	7.8	18.0	..	..

11.3.2. Operational details of Co-operative Societies

(Amount in '000)

Sl. No.	Type of Society	1970-71					
		Paid up Share Capital	Reserve and other funds	Deposits and borrowing	Working Capital	Loans advanced	Loans outstanding
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	State Co-operative Bank ..	13915.0	12312.0	193382.0	219609.0	188495.0	168102.0
2.	Co-operative Central Bank ..	50026.0	12060.3	343988.5	406074.8	244339.1	281318.0
3.	Central Land Mortgage Bank ..	5987.8	2564.4	96720.9	105273.0	15663.0	73222.1
4.	Primary Land Mortgage Banks ..	5199.6	722.2	72803.9	78725.7	15537.6	72098.6
5.	Primary Agricultural Credit Societies ..	93897.0	30361.0	358092.0	482350.0	300599.2	360181.8
6.	Primary Non-agricultural Credit Societies ..	18268.0	7355.0	73930.0	99553.0	84326.1	72880.7
7.	Harijan Co-operative Societies ..	428.0	427.0	1040.0	1895.0	393.4	1040.9
8.	Marketing Societies:						
	(i) Apex Societies ..	704.0	420.8	862.8	1987.5	6680.1	4076.1
	(ii) Central Societies ..	450.4	146.7	2171.1	2768.3		
	(iii) Primary Marketing Societies ..	8308.2	3210.0	14221.1	25739.2		
9.	Egg and Poultry Societies ..	338.1	11.3	46.1	395.5	..	..
10.	Farming Societies:						
	(i) Joint Farming ..	447.3	131.2	549.5	1128.0	6.2	64.7
	(ii) Collective Farming ..	53.5	29.6	149.3	232.4	..	1.5
11.	Irrigation Societies ..	42.4	47.5	19.8	109.8	..	..
12.	Consumer's Stores:						
	(i) Consumer Federation ..	540.0	91.0	920.3	1551.2	..	..
	(ii) Wholesale stores ..	6344.2	2915.2	21251.7	30511.1	..	..
	(iii) Primary Consumer's Stores ..	3400.4	3109.6	3858.7	10368.7	..	..
13.	Housing Co-operative Societies:						
	(i) Apex Societies ..	227.5	..	..	227.5	..	..
	(ii) Urban Co-operative Societies ..	4473.9	1458.9	13655.8	19588.7	615.1	6539.8
	(iii) Rural Co-operative Societies ..	526.1	44.4	1881.7	2452.3	118.3	2161.3
14.	Other Livestock Societies ..	1.8	2.1	2.0	5.9	..	..
15.	Other Processing Societies ..	230.1	1.3	300.1	531.5	..	..
16.	Co-operative Weaver's Societies ..	20.8	92.6	3.8	117.1	..	..
17.	Other Industrial Societies ..	10.6	13.2	69.0	92.8	..	..
18.	School and College Stores ..	..	..	..	..	..	..
19.	Other Non Credit Societies:						
	(a) Agriculture ..	4645.5	9974.5	7215.8	21835.8	301.7	947.5
	(b) Non Agriculture ..	..	..	..	..	302.5	615.2
20.	Supervising Unions ..	..	..	..	..	..	..
21.	State Co-operative Unions ..	..	..	..	..	..	..
22.	Milk Supply Unions ..	309.2	979.5	4814.7	6103.4	127.6	94.3
23.	Milk Supply Societies ..	996.0	546.0	868.1	2610.1	1039.8	1071.8
24.	Fishermen Co-operative Societies ..	3285.0	961.0	6947.0	10528.0	..	..
25.	State Handloom Apex Societies ..	2839.0	627.0	6859.0	10325.0	..	..
26.	Primary Handloom Weavers Co-operative Society having powerloom ..	1882.0	1667.0	5222.0	8771.0	..	..
27.	Coir Primary Societies ..	1882.0	1189.0	12691.0	22097.0	..	..
28.	Coir Central Societies ..	286.0	441.0	6881.0	9971.0	..	..
29.	Sugar Factories ..	..	..	..	..	..	..
30.	Cotton Ginning and Pressing ..	..	..	..	..	..	..

11.3.3. Operational details of Co-operative Societies 1975-76

(Rs. in Lakhs)

Sl. No.	Type of Society	Paid up share capital	Reserve and other funds	Deposits and borrowing	Working capital	Loans advanced	Loans outstanding
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	State Co-operative Bank ..	202.39	256.74	2474.50	3088.80	3098.81	2195.52
2.	Co-operative Central Bank ..	972.21	404.27	6160.35	7860.54	3648.71	5610.56
3.	Central Land Mortgage Bank ..	108.48	77.98	2483.40	2730.74	441.93	1974.68
4.	Primary Land Mortgage Banks ..	147.24	36.02	1978.36	2305.81	431.14	1998.30
5.	Primary Agricultural Credit Society ..	1543.97	731.56	7783.55	13185.10	5662.27	6533.08
6.	Primary Non-Agricultural Credit Society ..	394.51	153.61	2147.95	3506.76	1486.29	1153.62
7.	Harijan Co-operative Societies ..	7.48	5.99	15.53	54.52	42.40	12.24
8.	Marketing Societies:						
	(i) Apex Societies (Federation) ..	36.96	4.55	83.75	125.84	0.48	0.37
	(ii) Central Societies ..	..	..	..	..	..	..
	(iii) Primary marketing Societies ..	130.92	69.44	209.67	520.11	69.66	17.11
9.	Egg and poultry Societies ..	2.83	1.38	3.92	7.84	2.64	3.90
10.	Farming Societies:						
	(i) Joint Farming ..	12.16	2.37	11.57	40.21	0.04	0.21
	(ii) Collective Farming ..	1.91	0.22	13.84	16.98	..	0.10
11.	Irrigation Societies ..	0.63	0.62	0.45	5.62	..	..
12.	Consumer's Stores:						
	(i) Consumer Federation ..	39.35	4.53	182.89	277.63	..	..
	(ii) Wholesale stores ..	80.09	53.60	242.86	482.43	..	..
	(iii) Primary Consumer's Stores ..	49.77	40.81	65.57	295.99	..	..
13.	Housing Co-operative Societies:						
	(i) Apex Society ..	..	..	..	..	..	..
	(ii) Urban Co-operative Societies ..	131.33	20.62	712.59	1079.10	92.03	383.81
	(iii) Rural Co-operative Societies ..	..	..	..	..	..	..
14.	Other Livestock Societies ..	0.02	..	0.15	0.24	..	..
15.	Other Processing Society ..	3.21	2.40	1.50	8.83	..	..
16.	Co-operative Weaver's Societies ..	0.16	1.01	0.10	2.60	..	..
17.	Other Industrial Societies ..	0.32	0.17	1.27	4.67	..	..
18.	School and College Stores ..	28.41	10.71	9.28	129.29	..	..
19.	Other Non-Credit Societies:						
	(a) Agriculture ..	4.71	10.47	17.73	92.58	7.66	11.23
	(b) Non-Agriculture ..	..	..	..	..	..	..
20.	Supervising Unions ..	..	..	..	..	..	..
21.	State Co-operative Unions ..	..	..	..	..	..	..
22.	Milk Supply Unions ..	4.65	32.35	52.18	135.97	4.61	3.88
23.	Milk Supply Societies ..	19.71	19.25	4.02	156.18	22.52	18.73
24.	Fishermen Co-operative Societies ..	75.18	..	..	..	2.20	8.70
25.	State Handloom Apex Society ..	..	..	..	..	..	..
26.	Primary Handloom Weaver's Co-operative Society having powerloom ..	83.33	..	..	..	..	..
27.	Coir Primary Societies ..	..	..	..	..	..	..
28.	Coir Central Societies ..	..	..	..	..	..	..
29.	Sugar Factories ..	..	..	..	..	..	..
30.	Cotton Ginning and Pressing ..	..	..	..	..	..	..

Source: Registrar of Co-operative Societies.

11.3.4. Operational details of Co-operative Societies 1976-77

(Amount in Lakhs)

Sl. No.	Type of society	Paid up share capital	Reserve and other funds	Deposits and borrowing	Working capital	Loans advanced (issued)	Loans outstanding
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	State Co-operative Bank	207.07	270.32	2884.33	3535.06	6167.44	2514.83
2.	Co-operative Central Bank	1059.92	542.61	7286.50	9335.41	6703.03	6673.53
3.	Central Land Mortgage Bank	146.19	99.77	3223.45	3563.65	799.49	2607.30
4.	Primary Land Mortgage Banks	186.44	47.36	2621.75	3010.00	787.77	2624.19
5.	Primary Agricultural Credit Society	1700.00	835.86	8944.87	15083.87	6555.00	7599.00
6.	Primary Non-Agricultural Credit Society	451.47	174.09	2432.64	4144.48	1531.21	1263.91
7.	Harijan Co-operative Societies	10.56	7.90	20.87	80.06	0.87	16.33
8.	Marketing Societies:						
	(i) Apex Societies	131.96	11.74	241.52	937.68	..	..
	(ii) Central Societies	..	..	..	..	..	..
	(iii) Primary Marketing Societies	134.16	53.94	234.73	569.71	0.01	..
9.	Egg and Poultry Societies	2.98	0.30	4.60	9.50	0.23	0.50
10.	Farming Societies:						
	(i) Joint Farming	11.94	1.80	18.49	69.10	..	0.16
	(ii) Collective Farming	1.94	0.32	12.50	24.16	..	0.06
11.	Irrigation Societies	0.64	0.21	0.61	5.89	..	..
12.	Consumer's Stores						
	(i) Consumer Federation	43.30	24.03	102.16	211.36	..	..
	(ii) Whole sale stores	89.77	64.58	281.72	565.16	..	..
	(iii) Primary Consumer's Stores	54.38	54.13	93.07	356.73	..	..
13.	Housing Co-operative Societies:						
	(i) Apex Society	44.96	19.1	336.26	397.85	88.75	349.50
	(ii) Urban Co-operative Societies	..	..	..	..	..	..
	(iii) Rural Co-operative Societies	98.98	22.63	498.68	901.08	199.95	536.07
14.	Other Livestock Societies	0.09	..	0.15	0.32	..	..
15.	Other Processing Society (Marketing)	3.32	2.09	1.00	10.54	..	..
16.	Co-operative Weaver's Societies	0.21	1.08	0.01	3.34	..	..
17.	Other Industrial Societies	1.74	0.17	3.30	17.58	..	..
18.	School and College Stores	34.04	9.82	12.20	132.36	..	..
19.	Other Non-Credit Societies :						
	(a) Agriculture	4.11	4.36	13.77	79.58	0.76	0.97
	(b) Non-Agriculture	80.37	22.32	77.36	379.33	18.70	31.72
20.	Supervising Unions	..	..	..	..	..	..
21.	State Co-operative Unions	..	..	..	..	..	..
22.	Milk Supply Unions	..	..	..	..	..	..
23.	Milk Supply Societies	..	..	..	..	..	..
24.	Fishermen Co-operative Societies	77.58	..	..	..	2.86	10.03
25.	State Handloom Apex Society	..	..	..	..	..	..
26.	Primary Handloom Weaver's Co-operative Society having Powerloom	..	..	..	..	..	..
27.	Coir Primary Societies	..	..	..	..	..	..
28.	Coir Central Societies	..	..	..	..	..	..
29.	Sugar Factories	..	..	..	..	..	..
30.	Cotton Ginning and Pressing	..	..	..	..	..	..

Source: Registrar of Co-operative Societies.

11.3.5. Operational details of Co-operative Societies 1977-78

Sl. No.	Type of Society	Paid up Share Capital	Reserve and other funds	Deposits and borrowing	Working Capital	Loans advanced	Loans outstanding
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	State Co-operative Bank	226.57	301.18	3881.67	4409.42	6146.76	3363.95
2.	Co-operative Central Bank	1129.36	728.47	9797.86	11655.69	10312.69	8664.30
3.	Central Land Mortgage Bank	199.78	102.58	3927.93	4230.29	822.17	3210.68
4.	Primary Land Mortgage Banks	234.44	60.32	3196.43	3794.99	836.98	N.A.
5.	Primary Agricultural Credit Society	1889.84	921.93	10656.16	13467.93	8453.00	8590.00
6.	Primary Non-Agricultural Credit Society	525.85	207.65	3248.94	3982.44	1829.13	1505.64
7.	Harijan Co-operative Societies	15.50	8.26	26.74	50.50	22.68	21.84
8.	Marketing Societies:						
	(i) Apex Societies (Federation)	136.12	38.07	207.04	381.23	..	..
	(ii) Central Societies	..	..	..	..	..	..
	(iii) Primary Marketing Societies	133.85	87.37	243.14	464.36	..	..
9.	Egg and Poultry Societies	4.43	1.56	4.12	10.11	1.00	5.21
10.	Farming Societies:	..	..	..	..	..	..
	(i) Joint Farming	6.15	2.66	76.85	85.66	..	..
	(ii) Collective Farming	2.07	0.33	14.88	17.29	..	..
11.	Irrigation Societies	0.64	1.18	0.42	2.24	..	..
12.	Consumer's Stores	..	..	..	..	..	..
	(i) Consumer Federation	54.90	0.91	115.16	170.97	..	..
	(ii) Wholesale Stores	105.68	44.39	293.71	443.78	..	..
	(iii) Primary Consumer's Stores	56.50	47.99	82.77	187.26	..	..
13.	Housing Co-operative Societies:						
	(i) Apex Society	78.65	16.92	..	627.26	182.43	510.03
	(ii) Urban Co-operative Societies	..	..	..	..	..	..
	(iii) Rural Co-operative Societies	118.56	24.55	..	1066.55	201.07	650.41
14.	Other Livestock Societies	0.09	..	0.15	0.24	..	..
15.	Other processing Society	..	..	..	..	..	..
16.	Co-operative Weaver's Society	0.23	2.03	..	2.26	..	..
17.	Other Industrial Societies	1.74	3.09	1.23	6.06	0.48	0.51
18.	School and College Stores	40.36	11.83	17.23	63.42	..	..
19.	Other Non-Credit Societies:						
	(a) Agriculture	4.84	5.85	13.90	24.59	6.87	10.45
	(b) Non-Agriculture	89.66	24.80	81.64	196.10	16.47	67.78
20.	Supervising Unions	..	..	..	..	..	..
21.	State Co-operative Unions	..	..	..	..	..	..
22.	Milk Supply Unions*	5.76	73.41	63.41	181.07	0.95	3.32
23.	Milk Supply Societies*	35.49	51.51	26.22	325.81	12.42	28.54
24.	Fishermen Co-operative Societies	46.76	..	..	..	2.63	10.38
25.	State Handloom Apex Society	..	..	..	..	..	..
26.	Primary Handloom Weaver's Co-operative Society having Powerloom	..	..	..	..	..	..
27.	Coir Primary Societies	..	..	..	..	..	..
28.	Coir Central Societies	..	..	..	..	..	..
29.	Sugar Factories	..	..	..	..	..	..
30.	Cotton Ginning and Pressing	..	..	..	..	..	..

Source: Registrar of Co-operative Societies.

*Relates to the year 1979-80

XII. TRANSPORT AND COMMUNICATIONS
12.1. Total length of road in Kerala as on 1978-79

<i>Type of Roads</i>	<i>Length of Road (Kms.)</i>
National Highways	836
State Highways	2022
Other P.W.D. Roads	14129
District Roads	..
Village Panchayat Roads	65455*
C.D/Panchayat Roads	1211*
Urban Roads	4638
Project Roads	2049
Total	90340

Source: Ministry of Shipping and Transport

* Relating to the year 1976-77

12.2.1. Statement showing the length of roads (P.W.D.) and National Highways Category-wise as on 31-3-1979

(in Kms.)

<i>Type of Roads</i>	<i>National Highways</i>	<i>State Highways</i>	<i>Other Public Works Departments</i>	<i>Village/Panchayat Roads</i>	<i>Urban Roads</i>	<i>Project Roads</i>	<i>Total</i>
Concreted	11	27	10	..	95	6	149
Black Topped	799	1991	9577	..	1754	110	14231
Water Bound Macadam	26	4	1677	..	838	930	3475
Surfaced	..	..	..	2672*	..	..	2672
Unsurfaced:	..	..	..	..	..	..	..
(1) Motorable	..	..	..	43587	..	683	44270
(2) Non-Motorable	..	..	..	20407	..	320	20727
Others	..	..	2865	..	1951	..	4816
Total	836	2022	14129	66666*	4638	2049	90340

Source: Ministry of Shipping and Transport

* Relates to 1977-78.

12.2.2. Statement showing the length of roads (P.W.D.) Type-wise and Category-wise 1978-79

(in Kms.)

<i>Type of Roads</i>	<i>National Highways</i>	<i>State Highways</i>	<i>Major District Roads</i>	<i>Other District Roads</i>	<i>Total</i>
Bituminous & Tarred (Black topped)	..	1991	5136	4828	11955
Concrete	..	27	9	1	37
Water Bound Macadam	..	4	281	1823	2108
Gravelled Village Roads	147	1874	2021
Total	..	2022	5573	8526	16121

12.2.3. District-wise length of P.W.D. roads as on 1-4-1979

(in Kms.)

<i>District</i>	<i>State Highways</i>	<i>Major District Roads</i>	<i>Other District Roads</i>	<i>Village Roads</i>	<i>Total</i>
1. Trivandrum	117.115	281.336	1008.237	70.766	1477.455
2. Quilon	268.600	701.000	1144.400	266.000	2870.000
3. Alleppey	190.260	222.080	791.917	12.095	1216.352
4. Kottayam	258.488	651.205	825.481	..	1735.174
5. Idukki	419.440	797.626	777.148	..	1994.214
6. Ernakulam	95.193	473.705	506.932	..	1075.830
7. Trichur	186.272	490.381	597.605	32.196	1306.454
8. Palghat	142.855	605.478	290.967	146.324	1185.624
9. Malappuram	160.530	399.075	262.363	246.503	1068.471
10. Calicut	99.254	612.942	133.132	396.150	1241.477
11. Cannanore	84.200	338.521	521.000	506.380	1450.101
Total	2022.208	5573.349	6869.181	1666.414	16121.152

Source: Chief Engineer (B & R)

12.2.4. Surface-wise length of P. W. D. roads as on 1-4-1979

(in Kms.)

Classification of Roads	cement concrete	Black topped	Water bound macadam	Others	Total
1. State Highways	27.547	1990.661	4.000	..	2022.208
2. Major District Roads	8.617	5136.506	281.021	147.205	5573.349
3. Other District Roads	0.950	4441.460	1366.863	1049.908	6859.181
4. Village Roads	..	386.693	455.912	823.809	1666.414
Total	37.114	11955.320	2107.796	2020.922	16121.152

12.2.5. Roads maintained by Municipalities

(in Kms.)

Year	Cement or Concrete	Bituminous/Tarred	Water Bound Macadam	Lower type	Total
1970-71	11.620	219.610	180.410	661.050	1072.690
1975-76	24.041	531.973	264.958	995.458	1816.430
1976-77	24.800	540.210	337.505	1014.078	1916.593
1977-78	36.531	995.482	651.319	1756.794	3440.126
1978-79	65.194	1288.127	613.824	1748.305	3715.450

Source: Director of Municipalities.

12.2.6. Details of roads maintained by Panchayats as on 1973-74

(in Kms.)

Name of District	Type of roads			Total
	Black topped and metalled	Gravelled	Earthern	
1. Trivandrum	286.90	1002.95	4427.40	5717.25
2. Quilon	305.20	2921.35	10859.05	14085.60
3. Alleppey	250.55	1830.80	2700.80	4782.15
8. Kottayam	203.70	736.20	3540.70	4480.60
5. Idukki	123.90	224.50	2683.10	3031.50
6. Ernakulam	179.25	1336.45	3640.35	5156.05
7. Trichur	574.20	2306.70	3682.85	6563.75
8. Palghat	722.10	684.00	2199.50	3605.60
9. Malappuram	300.80	916.25	2163.30	3380.35
10. Kozhikode	393.30	989.88	2823.12	4206.30
11. Cannanore	735.95	2186.95	4492.00	7414.90

Source: Director of Panchayats.

12.2.7. Details of road maintained by Panchayats as on 1974-75

(in Kms.)

Name of District	Type of roads			Total
	Black topped and metalled	Gravelled	Earthern	
1. Trivandrum	381.83	829.17	4084.31	5295.31
2. Quilon	148.83	2463.11	10301.20	12913.14
3. Alleppey	502.11	1839.19	3052.22	5393.52
4. Kottayam	93.49	551.25	3491.51	4136.25
5. Idukki	86.23	337.12	2552.31	2975.66
6. Ernakulam	181.91	1569.97	3288.60	5040.48
7. Trichur	488.37	2305.22	4251.51	7045.10
8. Palghat	391.26	367.76	2106.31	2865.33
9. Malappuram	170.99	606.98	2412.40	3190.37
10. Kozhikode	231.06	889.85	3059.85	4180.76
11. Cannanore	539.01	1797.51	4154.02	6490.54

Source: Director of Panchayats.

12.2.8. Details of roads maintained by Panchayats as on 1975-76

(in Kms.)

Name of District	Type of roads			Total
	Black topped and metalled	Gravelled	Earthen	
1. Trivandrum ..	239.630	918.645	4172.041	5330.316
2. Quilon ..	96.505	2149.501	9611.213	11857.219
3. Alleppey ..	106.389	2115.475	2844.150	5066.014
4. Kottayam ..	60.292	649.345	3451.402	4161.039
5. Idukki ..	58.790	361.700	3552.933	3973.423
6. Ernakulam ..	15.548	316.741	1156.586	1488.875
7. Trichur ..	390.010	2392.410	4012.570	6794.990
8. Palghat ..	265.233	433.185	2164.166	2862.584
9. Malappuram ..	130.870	566.140	2376.430	3073.440
10. Kozhikode ..	231.059	858.846	3028.028	4117.933
11. Cannanore ..	140.729	1923.404	4626.444	6690.577

Source: Director of Panchayats.

12.2.9. Roads maintained by Panchayats in Kerala—1973-74 to 1976-77

(in Kms.)

Year	Black topped and metalled	Gravelled	Earthen	Total
1973-74 ..	4075.85	15136.03	43212.17	62424.05
1974-75 ..	3215.09	13557.13	42754.24	59526.46
1975-76 ..	1735.05	12685.39	40995.96	55416.40
1976-77 ..	2324.54	13697.00	42827.54	58849.08

12.2.10. Roads maintained by Forests, K. S. E. Board, P. W. D., Irrigation and Project department, C. P. W. D. and Ports in Kerala as on 31-3-1979

(in Kms.)

Department	Metalled	Surfaced	Motorable	Non-motorable	Others	Total
*1. Forests ..	240	..	..	..	882	1122
*2. K. S. E. Board	522	..	..	..	522
*3. P. W. D., Irrigation and Project Department (c)	284	27	94	..	405
**4. Railways	104	..	..	28	132
**5. M. E. S.	80	..	..	4	84
**6. C. P. W. D.	9	..	..	..	9
**7. Ports	28	..	..	..	28

Source: * Respective Departments.

** Ministry of Shipping and Transport.

(c) Relates to 76-77.

12.2.11. Length of roads maintained by irrigation and project wings of P. W. D. for the years 1969-70 to 1977-78

(in Kms.)

Year	Cement or Concrete	Bituminous tarred	Water Bound macadam	Gravelled	Lower type	Total
1969-70 ..	..	66.350	119.070	..	55.040	240.460
1975-76 ..	1.625	117.343	183.968	24.256	77.155	404.347
1976-77 ..	6.325	109.410	167.936	27.476	94.249	405.396
1977-78 ..	4.700	92.765	189.390	94.612	114.795	496.262

Source: Chief Engineer, Irrigation.

12.3. Length of railways in Kerala—1960-61 to 1978-79

(in Kms.)

Year	Broad gauge	Metre gauge	Mixed gauge	Total
1960-61 ..	553.00	335.00	..	888.00
1970-71 ..	544.59	336.54	8.80	889.93
1975-76 ..	706.06	177.56	3.00	886.62
1976-77 ..	770.64	112.71	3.00	886.35
1977-78 ..	770.64	112.71	3.00	886.35
1978-79 ..	770.64	112.71	3.00	886.35

Source: Chief Engineer Southern Railway.

12.4. Length of railways in Kerala district-wise

(In Kms.)

District	1975-76			1976-77			1977-78			1978-79							
	Broad gauge	Mixed gauge	Total	Broad gauge	Mixed gauge	Total	Broad gauge	Mixed gauge	Total	Broad gauge	Mixed gauge	Total					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
Trivandrum	..	49.02	..	49.02	49.02	..	..	49.02	49.02	..	..	49.02	49.02	..	..	49.02	
Quilon	..	64.63	96.93	..	161.56	80.19	81.10	..	161.29	80.19	81.10	..	161.29	80.19	81.10	..	161.29
Alleppey	..	38.60	..	..	38.60	38.60	..	..	38.60	38.60	..	..	38.60	38.60	..	..	38.60
Kottayam	..	52.44	..	..	52.44	52.44	..	..	52.44	52.44	..	..	52.44	52.44	..	..	52.44
Idukki	No Railway line in the District			..	..	..	..	..	..	..	..	..	..	..
Ernakulam	..	53.94	..	..	53.94	53.94	..	..	53.94	53.94	..	..	53.94	53.94	..	..	53.94
Trichur	..	70.27	..	..	70.27	70.27	..	..	70.27	70.27	..	..	70.27	70.27	..	..	70.27
Palghat	..	104.60	31.61	3.00	139.21	104.60	31.60	3.00	139.21	104.60	31.60	3.00	139.21	104.60	31.60	3.00	139.21
Malappuram	..	97.66	..	..	97.66	97.66	..	..	97.66	97.66	..	..	97.66	97.66	..	..	97.66
Kozhikode	..	75.48	..	..	75.48	75.48	..	..	75.48	75.48	..	..	75.48	75.48	..	..	75.48
Cannanore	..	148.44	..	..	148.44	148.44	..	..	148.44	148.44	..	..	148.44	148.44	..	..	148.44
State	..	706.06	177.56	3.00	886.62	770.64	112.70	3.00	886.35	770.64	112.70	3.00	886.35	770.64	112.70	3.00	886.35

Source: Chief Engineer, Southern Railway.

12.5. Number of motor vehicles on road

Year	Goods Vehicles	Stage Carriages	Taxi cars	Motor cars	Auto rickshaws	Tractor Trailers	Jeeps	Scooter and Motor cycles	Others	Total
1960-61	..	5128	3511	1485	11611*	..	NSA	2064	681	24480
1970-71	..	13162	6563	8848	33294*	2046	NSA	15117	6142	86234
1976-77	..	17492	8711	12256	42028	4027	6308	32080	1817	129252
1977-78	..	18196	7993	13933	45556	3860	7082	38183	2023	141693
1978-79	..	18527	8120	15195	50104	4087	6919	43686	2242	154595

* Private Cars and Jeeps.

NSA - Not Separately available

Source: Transport Commissioner's Office.

12.6. Number of motor vehicles on road - District-wise

District	Goods Vehicles				Stage Carriages				Taxi cars				Motor cars				Motor cycles					
	1976-77	77-78	78-79	(2)	76-77	77-78	78-79	(5)	76-77	77-78	78-79	(8)	(9)	(10)	(11)	77-78	78-79	(12)	(13)	76-77	(14)	(15)	(16)
Trivandrum	2467	2032	2082	3862*	142	189	1556	1804	2180	9507	10303	10701	7250	8570	9938							
Quilon	1950	2078	2136	363	390	345	1512	1552	1802	4448	4971	5422	2196	2783	3368							
Alleppey	889	888	935	355	313	308	1063	1213	1400	2524	3762	4086	2501	3027	3424							
Kottayam	1214	1511	1729	399	458	431	1209	1511	1227	2288	2672	2962	1348	1719	2014							
Idukki	453	604	599	89	101	106	300	311	554	895	919	966	492	543	610							
Ernakulam	2916	3103	3325	647	682	723	1542	1798	1784	7355	7519	9802	6311	8089	9688							
Trichur	1534	1610	1758	786	859	909	1485	2044	2144	2964	3360	3826	3593	4229	4936							
Palghat	1028	1020	795	350	378	391	1197	975	853	2504	2586	2723	2841	3106	3278							
Malappuram	621	735	837	333	380	416	718	1032	1427	1282	2009	2061	621	667	724							
Kozhikode	2887	3011	2675	818	835	733	598	619	745	4703	4798	4608	3644	3889	3866							
Cannanore	1533	1598	1650	709	716	694	1076	1074	1079	2558	2648	2937	1283	1561	1836							
K.S.R.T.C.	..	6	6	@	2739	2875	..	..	..	9	9	10	..	..	4		
State	17492	18196	18527	8711	7993	8120	12256	13933	15195	41037	45556	50104	32080	38183	43686							

* Includes K.S.R.T.C. also

@ Included to Trivandrum

Table 12.6 (Contd....)

District	Auto rickshaws				Tractor Trailors				Jeeps				Others				Total					
	1976-77	77-78	78-79	(17)	76-77	77-78	78-79	(20)	76-77	77-78	78-79	(23)	(24)	(25)	(26)	77-78	78-79	(27)	(28)	76-77	(29)	(30)	(31)
Trivandrum	328	341	465	110	138	167	1230	1566	1625	321	400	536	26631	25296	27883							
Quilon	81	86	125	99	107	120	448	473	560	78	91	100	11175	12531	13978							
Alleppey	202	211	249	154	170	167	195	208	210	54	55	53	7937	9847	10842							
Kottayam	310	341	375	26	46	73	40	97	191	53	62	60	6887	8417	9062							
Idukki	8	3	4	223	242	256	779	867	563	141	146	152	3380	3736	3810							
Ernakulam	900	908	1390	459	432	451	480	573	603	480	486	505	21090	2590	28271							
Trichur	359	421	511	475	477	502	211	255	296	212	224	240	11619	13479	15122							
Palghat	484	387	391	1607	1527	1383	280	282	264	76	71	77	10367	10332	10155							
Malappuram	66	81	142	273	279	280	140	184	123	77	81	143	4131	5448	6153							
Kozhikode	732	724	760	433	483	482	2003	2011	1884	163	188	148	15981	16558	15901							
Cannanore	1063	1140	1303	168	183	196	502	534	567	162	180	189	9054	9634	10451							
K.S.R.T.C.	..	..	..	..	..	..	..	32	33	@	39	39	@	2825	2967
State	4533	4643	5715	4027	4084	4077	6308	7082	6919	1817	2023	2242	128261	141693	154595							

Source: Transport Commissioner's Office.

@ Included to Trivandrum.

12.7. K. S. R. T. C. No. of routes, routes K.m., K.m. operated, passengers carried, and earnings

Year	No. of routes	Route K.m.	Effective K.m., operated ('000)	Passenger carried (in lakhs)	Passenger earnings (Rs. in lakhs)
(1)	(2)	(3)	(4)	(5)	(6)
1960-61	358	9981	113478	967	267.03
1970-71	1262	48113	106067	3106	1225.24
1976-77	2538	106069	202861	5111	4012.61
1977-78	3103	129682	206000	5556	4287.69
1978-79	3340	145434	212775	6328	4675.26
1979-80	3580	158690	224247	7064	5319.71
					(Provisional)

12.8. Kerala State Road Transport Corporation—Financial results

(Rs. in lakhs)

	1960-61	1970-71	1976-77	1977-78	1978-79	1979-80
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Gross revenue receipt	294.18	1225.24	4042.02	4327.85	4737.32	..
2. Revenue Expenditure	250.33	1134.40	3658.99	3963.65	4476.11	..
3. Gross Margin	43.65	90.84	+383.03	+364.20	+261.21	..
4. Depreciation	33.71	91.11	222.20	256.27	276.37	..
5. Net Margin	9.94	-0.27	+160.83	+107.93	-15.16	..
6. Interest on capital payable to the Government of Kerala and Railways	..	55.33	108.83	121.93	140.30	..
7. Provision for development rebate reserve for land doubtful debts—debt charges including interest on public loan and bonus etc.	..	60.05	165.37	210.29	183.49	..
8. Net Profit/Loss	9.94	-115.65	-113.37	-224.28	-338.95	..
9. Provision for sinking fund	..	10.00	21.00	21.00	21.00	..
10. Provision for income tax	..	..	..	..	..	..
11. Not surplus/deficit	9.94	-125.64	-134.37	-245.28	-359.95	..
12. Net capital employed as on the last day for the year	353.88	1164.17	2687.17	3029.04	3538.63	..
13. Percentage of Net Margin of Net Capital	2.80	-0.00	+5.99	+3.50	-0.41	..

Source: Kerala State Road Transport Corporation, Figures for 1977-78 & 78-79 are provisional.

12.9. Number of Post-offices in Kerala 1965-66 to 1978-79

Year	Head Post Offices	Departmental Sub-offices	Extra Departmental sub-offices	Extra Departmental Branch offices	Total
(1)	(2)	(3)	(4)	(5)	(6)
1965-66	20	31	..	2640	3491
1970-71	25	1029	29	2776	3859
1974-75	30	1266	19	2904	4219
1975-76	31	1217	17	2779	4044
1976-77	32	1232	15	2836	4115
1977-78	33	1256	15	2914	4218
1978-79	34	1278	676	2364	4352

Source: Post and Telegraphs Department.

12.10. Number of telegraph offices in Kerala 1970-71 to 1978-79

Year	Head offices	Sub-offices	Branch offices	Postal receiving offices	Total	No. of radio Receiver licenses	No. of letter boxes	
							Urban	Rural
1970-71	18	607	56	..	681	385970	..	..
1974-75	25	835	176	2645	3681	766951	2561	8893
1975-76	26	845	194	2393	3658	891529	2629	9308
1976-77	27	892	252	2529	3700	982191	2706	9936
1977-78	28	1017	358	2516	3919	1224611	2541	11524
1978-79	28	1481	129	2502	4140	1193070	3019	12723

Source: Post and Telegraphs Department.

12.11. Number of Telephone exchanges and Telephone connections in Kerala 1965-66 to 1978-79

Year	No. of Telephone Exchanges	No. of Telephone connections
1965-66	170	25253
1970-71	234	37989
1976-77	339	73521
1977-78	371	78368
1978-79	413	87174

Source: General Manager, Tele communications.

XIII. POWER

13.1. Installed power capacity in Kerala (in M.W.)

Year	Hydro	Diesel	Total
1960-61	132.50
1970-71	546.50
1976-77	..	3.10	1011.5
1977-78	..	3.10	1011.5
1978-79	..	3.10	1011.5

Source: K. S. E. Board.

13.2. Generation of Electricity

(In million K.W.H.)

Year	Hrdro	Diesel	Total
1960-61	581.82
1970-71	2125.99
1976-77	..	1.60	3150.96
1977-78	..	1.60	4458.61
1978-79	..	1.60	5190.40

Source: K. S. E. Board.

13.3. Consumption of Electricity

(In Million K.W.H.)

Class of Consumers	1960-61	1970-71	1976-77	1977-78	1978-79
1. Domestic heat and small power	39.23	80.71	222.89	249.95	282.47
2. Domestic lights and Fans.	..	..	..	..	..
3. Commercial heat & small power and commercial light and fans	1.33	65.61	120.47	130.48	143.85
4. Industrial power at low and medium voltage	40.40	113.30	183.55	183.92	197.58
5. Industrial power at high voltage	340.48	1114.11	1365.85	1537.02	1542.85
6. Public lighting	6.62	20.07	34.15	36.31	34.90
7. Agricultural and irrigation dewatering	18.28	40.91	102.63	78.48	85.88
8. Public water works and sewage Pumping	7.24	8.66	23.40	25.77	29.66
9. Bulk supplies to distributing licenses	52.03	78.24	84.31	89.39	102.15
Total	505.61	1519.61	2137.25	2331.32	2419.34

Source: K.S.E. Board.

13.4. Number of Consumers of Electricity in Kerala During the Year 1976-77 to 1978-79

Name of Division	Number of Consumers		
	1976-77	1977-78	1978-79
(1)	(2)	(3)	(4)
1. Trivandrum	60697	63804	68547
2. Attingal	31056	33813	36941
3. Nedumangad	38699	39305	43914
4. Quilon	61988	64051	68501
5. Adoor	50370	55394	59439
6. Alleppey	51067	56079	60405
7. Mavelikara	64227	36952	41392
8. Chengannur	..	31834	34431
9. Pallom	44607	46267	52843
10. Ernakulam	52194	53501	60949
11. Alwaye	62691	33922	37603
12. Perumbavoor	..	33932	36608
13. Moovattupuzha	..	30181	34160
14. Kulamavu	..	17647	17627
15. Trichur-I	35542	38721	42621
16. Kunnankulam	28950	31980	35762
17. Irinjalakuda	57066	40759	45241
18. Chalakudy	..	22862	25241
19. Palghat	39730	43805	47603
20. Chittoor	33276	35435	39057
21. Kozhikode	54473	57737	63080
22. Tellicherry	46230	49969	54533
23. Kasargode	15932	17936	20437
24. Cannanore	47715	50799	56490
25. Manjeri	34302	37280	43812
26. Generation Sub-division	304	6	10
27. Maintenance Sub-division	3202	21	20
28. Vaikom	31480	35045	38070
29. Others EHT	15	15	15
Number of Street lighting consumer	1395	1395	1395

Source: K.S.E. Board.

13.5. Number of Villages Electrified in Kerala

Year	Number of villages electrified (Cumulative Number according to 1971 Census)
1960-61	872
1970-71	1196
1976-77	1212
1977-78	1224
1978-79	1248

Source: K.S.E. Board.

13.6. Progress of Rural Electrification in Kerala District-wise.

District	Total Number of Rural Village 1971	Number of Rural Villages Electrified (Cumulative)					
		31-3-1977		31-3-1978		31-3-1979	
		Number	Percentage	Number	Percentage	Number	Percentage
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Trivandrum	88	88	100	88	100	88	100
Quilon	98	98	100	98	100	98	100
Alleppey	98	98	100	98	100	98	100
Kottayam	74	74	100	74	100	74	100
Idukki	41	37	90.24	37	90.24	41	100
Ernakulam	89	89	100	89	100	89	100
Trichur	229	229	100	229	100	229	100
Palghat	147	142	96.60	143	97.28	144	97.96
Malappuram	117	99	84.62	102	87.18	105	89.74
Kozhikode	109	103	94.50	104	95.41	109	100
Cannanore	178	155	87.08	162	91.01	173	97.19
State	1268	1212	95.58	1224	96.53	1248	98.42

Source: K.S.E. Board.

14.1.1. Foreign Exports from the Ports of Kerala (July to June)

(Value Rs. in Lakhs)

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Commodity	Unit	1960-61		1970-71		1975-76		1976-77		1977-78	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1. Bricks and tiles	'000 Nos.	27382	43.18	N.A.	0.08	632	3.68	1101	8.67	818	7.57
2. Cardamom	Qtl.	3696	76.97	5154	313.45	4390.77	404.12	2070.35	377.35	3453	457.40
3. Cashew kernels	M.T.	36394	1693.57	47961	4958.21	61507	9302.52	46286	11421.62	28288	10089.30
4. Cashew shell liquid	'000 Litrs.	5183	48.53	5618	65.05	5567	111.22	3547	75.27	2542	125.40
5. Coffee	M.T.	9490	327.26	17631	1346.68	25232	2219.94	12616	4548.09	13849	4442.24
6. Coir yarn and fibre	"	47679	516.44	28393	653.54	22118	1027.72	25358	1036.12	24230	985.20
7. Coir Products	"	17748	401.33	16457	523.45	14795	926.39	19845	1304.92	19543	1462.60
8. Cardage and rope of Vegetable fibres	"	112	1.22	881	22.58	1744	62.98	1773	71.07	1821	69.71
9. Fish and prawns	"	5067	191.04	23802	2677.43	30210	7529.79	29621	7231.74	34439	8290.82
10. Ginger	"	4513	66.84	1829	129.28	2123	204.39	1685	250.91	6408	926.02
11. Hides and skins	"	151	20.31	133	36.24	655	175.21	550	176.87	293	11.33
12. Jute and jute products	"	365	10.38	16	1.35	4	0.34	16	2.18	18	2.38
13. Metals, minerals and ores	"	182370	106.66	15262	79.47	8275	265.20	11442	601.18	110242	1112.30
14. Manioc meals	"	28740	61.36	391	4.56	48	0.53	4717	53.91	2	1.05
15. Lemon grass oil	'000 Litrs.	1145	200.76	173	67.55	294	116.62	244	158.35	55	35.59
16. Sandalwood oil	"	11	20.73	39	8.48	7	4.15	40	40.57	42	49.47
17. Other vegetable oil	"	8	3.94	103	6.26	65	8.19	26	19.88	68	20.27
18. Oil cake	M.T.	1477	4.75	3753	22.80	..	..	1036	18.99	..	..
19. Pepper	"	15921	723.90	16704	1393.23	17339	3187.50	20191	4076.79	21512	4338.89
20. Rubber manufacture	Value	..	0.40	N.A.	13.38	..	108.02	..	162.42	..	148.28
21. Tea	M.T.	36529	2069.83	33531	2338.92	33260	3815.08	53870	8925.28	47912	10510.91
22. Turmeric	"	1069	15.00	1347	37.34	1230	74.21	1627	103.85	2655	269.69
23. Rose wood	Value	..	173.96	..	436.50	..	722.80	..	1096.80	..	773.03
24. Other kinds of wood	"	..	9.27	..	13.12	..	245.52	..	189.30	..	203.86
25. Wood manufacture	"	..	0.58	..	14.57	..	39.67	..	289.68	..	245.02
26. Others	"	..	283.70	..	937.64	..	2941.76	..	5745.28	..	3729.58
Total	"	..	6971.91	..	16101.16	..	33497.55	..	47987.59	..	48307.91

14.1.2. Foreign Imports into the Ports of Kerala (July to June)

(Value Rs. in Lakhs)

Commodity	Units	1960-61		1970-71		1975-76		1976-77		1977-78	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1. Cashewnut (raw)	M.T.	136453	1093.70	101541	1747.60	108877	2948.27	93224	2360.86	34143	1215.14
2. Chemicals including sulphur	Value	N.A.	109.72	N.A.	44.72	..	514.80	..	1257.98	..	1095.60
3. Coal, coke and patent fuel	M.T.	6151	19.15	3047	13.89	..	..	..	..	..	..
4. Copra	"	20689	217.74	8358	158.23	..	..	..	..	526	19.88
5. Cotton raw and waste	"	18151	724.25	28023	2072.03	2741	200.53	8051	1427.70	14534	2518.02
6. Cotton twist and yarn	"	8	0.93	N.A.	N.A.	9	2.96	9254	1050.25	22118	2536.46
7. Cotton piece goods	'000 Metr.	6	0.16	N.A.	10.50	..	0.10	..	..	..	..
8. Cotton other manufacture	Value	N.A.	0.03	..	..	..	..	..	8.38	..	11.18
9. Drugs and medicine	"	N.A.	0.76	N.A.	1.27	..	0.43	..	0.56	..	0.71
10. Dying and tanning substances	M.T.	N.A.	0.91	74	8.25	..	..	8	4.11	7	4.90
11. Fruits and vegetables	"	4524	35.47	5	0.12	7	1.21	1	0.53	..	..
12. Paddy, rice and other foodgrains	"	3093	12.98	107192	1607.88	367260	6313.35	181504	3263.86	43773	1008.60
13. Gums and resins	"	730	2.45	74	6.23	7	1.49	9	2.13	23	1.87
14. Hardware and cutlery	Value	N.A.	1.38	N.A.	3.08	..	..	..	..	..	..
15. Liquors	'000 Ltrs.	36	2.11	1434	1.32	8	1.40	7	0.68	1	0.13
16. Machinery and mill work	Value	N.A.	843.78	N.A.	448.34	..	1589.30	..	1388.22	..	2279.86
17. Manure	M.T.	70362	93.29	222318	290.74	145671	15681.64	124638	698.19	155413	1275.96
18. Metals minerals and ores	"	36076	463.36	N.A.	472.72	29578	750.69	55872	1028.25	197478	1680.10
19. Kerosene oil	'000 Ltrs.	225523	363.10	..	..	..	..	..	..	..	..
20. Lubricating oil	"	797	657	..	..	..	..	..	..	361	0.02
21. Other mineral oil including fuel oil*	"	119066	147.05	N.A.	2324.10	2684003*	18840.22*	2996488	23101.85	2820013	22215.53
22. Other vegetable oil	"	4123	46.60	..	..	1518	139.68	2370	249.41	3149	312.48
23. Other kinds of oil	"	..	..	..	..	100	13.82	503	38.47	7	2.12
24. Paint and colours	Value	N.A.	0.98	N.A.	0.06	..	..	..	0.98	..	..
25. Paper and paste board	M.T.	5336	45.82	16318	195.35	8041	301.96	11572	450.19	19912	675.99
26. Provisions and oil man stores	"	396	11.16	23216	372.07	..	..	..	..	..	..
27. Rubber raw	"	596	12.74	503	22.46	142	8.81	682	50.84	512	41.75
28. Rubber manufacture	Value	N.A.	0.25	N.A.	26.65	..	5.12	..	52.68	..	3.73
29. Tobacco manufactures	"	..	7.50	N.A.	N.A.	..	..	..	0.23	..	0.12
30. Others	"	N.A.	150.22	N.A.	822.67	..	234.55	..	440.74	..	1070.93
Total	..	..	4413.86	..	10649.30	..	33437.33	..	..	..	37971.08

Source: Bureau of Economics and Statistics * Including crude petroleum.

14.2.1. Foreign Export from the Port of Cochin (July to June)

(Rs. in lakhs)

Commodity	Unit	1960-61			1970-71			1975-76			1976-77			1977-78		
		Quantity	Value	(4)	Quantity	Value	(6)	Quantity	Value	(8)	Quantity	Value	(10)	Quantity	Value	(12)
		(3)	(3)	(4)	(5)	(5)	(6)	(7)	(7)	(8)	(9)	(9)	(10)	(11)	(11)	(12)
1. Bricks and tiles	.. '000 Nos.	N.A.	0.08	51	1.24	413	4.73			
2. Cardamom	.. Qtls.	3566	74.08	..	5154	313.45	4390.77	404.12	2070.35	377.35	3296	445.83				
3. Cashew kernels	.. M.T.	29887	1450.81	..	47181	4875.70	61507	9302.52	46288	11421.62	28288	10089.30				
4. Cashew shell liquid	.. '000 Ltrs.	5183	48.53	..	5618	65.05	5567	111.22	3547	75.27	2542	125.40				
5. Coffee	.. M.T.	4120	141.92	..	17631	1346.68	25232	2219.94	12616	4548.09	13849	4442.24				
6. Coir yarn and fibre	.. "	29331	336.08	..	24809	576.43	19596	960.27	25151	1030.12	16514	670.00				
7. Coir products	.. "	10195	181.76	..	15645	496.85	14123	909.16	19684	1300.22	18288	1376.59				
8. Cardage and rope of vegetable fibre	.. "	112	1.22	..	881	22.58	1744	62.98	1773	71.07	1821	69.71				
9. Fish and prawns	.. "	5040	190.69	..	23802	2677.43	30210	7529.79	29621	7231.74	34439	8287.25				
10. Ginger	.. "	2799	41.16	..	11816	128.43	2123	204.39	1685	250.84	6397	924.33				
11. Hides and skins	.. "	151	20.31	..	133	36.24	655	175.21	550	176.87	293	11.33				
12. Jute and jute products	.. "	122	4.06	..	16	1.35	4	0.81	16	2.18	18	2.38				
13. Metals, minerals and ores	.. "	37826	21.64	..	15262	72.47	8192	262.07	11311	501.47	21319	933.90				
14. Tamarind seed and seed powder	.. M.T.	..	..	..	..	..	48	0.53	4717	53.91	2	1.05
15. Lemon grass oil	.. '000 Ltr.	1145	200.76	..	173	67.55	294	116.62	244	158.35	55	35.59				
16. Sandal wood oil	.. "	11	20.73	..	4	8.48	7	4.15	4	40.57	4.2	49.47				
17. Other vegetable oil	.. "	7	3.94	..	10	6.26	65	8.19	26	19.88	68	20.27				
18. Oil cake	.. M.T.	1477	4.75	..	3753	22.80	9	..	1036	18.99	..	..		
19. Pepper	.. "	12189	556.66	..	16036	1338.87	17339	3187.02	20181	4074.75	21276	4295.52				
20. Rubber manufacture	.. Value	..	0.40	..	..	13.38	..	108.02	..	162.42	..	148.28		
21. Tea	.. M.T.	35642	220.50	..	33531	2338.92	33260	3815.08	53870	8925.28	47912	10510.91				
22. Turmeric	.. "	533	7.32	..	1172	33.19	1228	74.15	1625	103.77	2655	269.69				
23. Rose wood	.. Value	N.A.	126.46	..	N.A.	402.15	..	722.80	..	1096.80	..	773.03				
24. Other kinds of wood	.. "	N.A.	4.85	..	N.A.	6.17	..	163.72	..	139.20	..	117.26				
25. Wood manufacture	.. "	N.A.	0.58	..	N.A.	13.76	..	39.67	..	235.20	..	194.64				
26. Others	.. "	N.A.	281.59	..	..	939.93	..	2922.83	..	5708.59	..	3689.31		
Total	..	..	5740.80	..	..	15802.20	..	33305.26	..	47726.11	..	47488.01

14.2.2. Foreign Imports into the Port of Cochin (July to June)

(Amount Rs. in lakhs)

Commodity	Unit	1960-61			1970-71			1975-76			1976-77			1977-78		
		Quantity	Value	(4)	Quantity	Value	(6)	Quantity	Value	(8)	Quantity	Value	(10)	Quantity	Value	(12)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
1. Cashewnut (raw)	M.T.	72202	595.27	75270	1332.67	82410	2041.51	69223	1725.59	18066	566.76					
2. Chemicals including sulphur	Value	..	109.72	..	44.04	..	514.80	..	1257.98	..	1095.60					
3. Coal, coke and patent fuel	M.T.	6151	19.15	3047	13.89	..	..	..	..	526	19.88	
4. Copra	"	18678	196.66	8358	158.23	..	..	..	..	14534	2518.02	
5. Cotton raw and waste	"	18151	724.25	28023	2072.03	2741	200.53	8051	1427.70	22118	2536.46					
6. Cotton twist and yarn	"	8	0.93	..	..	9	2.96	9254	1050.25	..	..			
7. Cotton piece goods	'000 mtr	6	0.16	N.A.	10.50	..	0.10	..	..	..	..	
8. Cotton other manufactures	Value	..	0.03	..	..	..	0.43	..	..	..	11.18
9. Drugs and medicine	"	..	0.76	..	0.09	..	..	..	..	..	0.71
10. Dying and tanning	M.T.	N.A.	0.91	74	8.85	..	..	8	4.11	7	4.90			
11. Fruits and vegetables	"	..	..	5	0.12	7	1.21	1	0.53	..	..			
12. Paddy, rice and other foodgrains	"	..	..	72661	1090.01	303865	5569.09	148038	2806.95	43773	1008.60			
13. Gums and resins	"	730	2.45	74	6.23	7	1.49	9	2.13	23	1.87					
14. Liquors	'000 Litrs.	36	2.11	14	1.32	8	1.40	7	0.68	1	0.13					
15. Hardware and cutlery	Value	..	1.38	..	3.08	..	..	..	..	..	..
16. Machinery and mill work	"	..	243.78	..	448.34	..	1589.30	..	1388.22	..	2279.86					
17. Manure	M.T.	70362	93.29	122318	290.74	145671	1568.64	124638	698.19	155413	1275.96					
18. Metals, minerals and ores including iron sheet	"	36076	463.36	N.A.	472.72	29578	750.69	55872	1028.25	197478	1680.10					
19. Kerosene oil	'000 Litrs.	225523	363.10	N.A.	N.A.	..	..	..	..	..	..
20. Lubricating oil	"	797	6.57	N.A.	N.A.	..	..	..	..	361	0.02	
21. Other mineral oil including fuel oil	"	119066	147.05	N.A.	2324.12	2684003*	18840.22*	2996488	23101.85	2820013	22215.53					
22. Other vegetable oil	"	4123	46.60	..	..	1518	139.68	2370	249.41	3149	312.48			
23. Other kinds of oil	"	..	..	..	..	100	13.82	503	38.47	7	2.12	
24. Paint and colours	Value	..	0.98	..	0.06	..	..	..	0.98	..	..			
25. Paper and paste board	M.T.	5336	45.82	16318	195.35	8041	301.96	11572	450.19	19912	675.99					
26. Provisions and oil manstors	"	296	11.16	23216	372.07	..	..	..	..	..	..
27. Rubber raw	"	596	12.74	503	22.46	142	8.81	682	50.84	572	41.75					
28. Rubber manufacture	Value	..	0.25	..	25.65	..	5.12	..	52.68	..	3.73					
29. Tobacco manufacture	"	..	..	..	..	..	..	..	0.23	..	0.12
30. Others	"	..	150.15	..	822.67	..	234.55	..	440.73	..	1070.93					
Total	"	..	3838.63	..	9714.64	..	31786.31	..	35784.90	..	37322.70					

* including crude petroleum.

Source: Bureau of Economics & Statistics.

14.3.1. Foreign export from the Intermediate and Minor Ports of Kerala (July to June)

(Amount Rs. in lakhs)

Commodity	Unit	1960-61		1970-71		1975-76		1976-77		1977-78	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1. Bricks and tiles	'000 Nos.	27382	43.18	..	..	632	3.68	1050	7.43	405	2.84
2. Cardamom	M.T.	13	2.89	25	3.07	..	..	..	..	..	..
3. Cashew kernels	'000 Ltr	696	33.40	..	..	..	..	..	..	..	..
4. Cashew shell liquid	M.T.	2313	78.81	58	0.85	234	6.78	207	6.00	279	8.11
5. Coffee	"	5895	67.46	58	0.88	268	6.53	161	4.70	245	8.79
6. Coir yarn and fibre	"	1283	22.89	..	..	..	..	..	..	..	..
7. Coir products	"	29	0.35	..	..	..	..	..	..	..	..
8. Cardage and rope of vegetable fibre	"	1424	21.17	..	..	..	..	1	0.07	1	0.09
9. Fish and Prawns	"	6773	19.33	..	..	..	..	..	..	..	..
10. Ginger	'000 Ltr.	..	..	..	..	..	..	..	..	..	..
11. Lemon grass oil	M.T.	..	..	..	..	..	..	..	..	..	..
12. Manioc meal	"	148	6.95	18	1.68	..	..	10	2.04	..	..
13. Oil cake	"	887	49.33	..	..	2	0.06	2	0.08	..	..
14. Pepper	"	11	0.14	..	..	83	3.13	109	5.17	91	3.30
15. Tea	"	..	..	..	..	..	..	..	..	..	..
16. Turmeric	"	..	..	..	..	..	..	..	..	..	..
17. Metals, minerals and ores	Value	..	47.50	N.A.	34.35	..	..	..	50.60	..	86.50
18. Rose wood	"	..	4.42	N.A.	6.95	..	..	..	54.16	..	50.38
19. Other kinds of woods	"	..	..	N.A.	0.80	..	..	..	36.62	..	43.01
20. Wood manufacture	"	..	9.44	N.A.	2.21	..	..	..	166.87	..	203.12
21. Others	"	..	407.26	..	50.79	..	120.91	..	..	..	..
Total		..	..	..	..	..	..	61249	94.54	88832	175.10
NEENDAKARA PORT		..	..	..	..	..	..	..	0.07	..	..
1. Metals, Minerals and ores	M.T.	..	..	..	..	..	..	..	..	..	..
2. Others	Value	..	..	..	..	..	..	..	94.61	..	..
Total		..	..	..	..	..	..	..	..	..	..
ALLEPPEY PORT		..	..	..	..	..	..	..	..	7437	307.09
1. Coir yarn and fibre	M.T.	12453	112.90	3526	85.27	2288	60.67	..	..	1010	77.22
2. Coir products	"	6270	96.68	754	25.72	404	10.70	..	..	157	11.57
3. Cardamom	Oil.	290	4.51	13	0.85	..	..	..	..	11	1.65
4. Ginger	M.T.	3402	150.67	569	47.43	..	..	..	..	236	43.37
5. Pepper	"	..	..	..	..	..	..	..	..	..	..

Source: Bureau of Economics and Statistics.

14.3.2. Foreign import into the Intermediate and minor ports of Kerala (July to June)

(Value Rs. in lakhs)

Commodity	Unit	1975-76		1976-77		1977-78	
		Quantity	Value	Quantity	Value	Quantity	Value
TRIVANDRUM		..	..	..	..	..	..
Wheat	ton	6337	74.40	..	..	..	..
NEENDAKARA		..	..	..	..	..	..
Cashew	M.T.	26467	906.76	24001	635.27	16077	648.38
ALLEPPEY PORT		..	..	..	..	..	..
Wheat	M.T.	57058	669.86	..	..	..	..
KOZHIKODE		..	..	..	..	..	..
QUILON		..	..	..	..	..	..

Source: Bureau of Economics and Statistics.

14.4.1. Foreign exports from the port of Kerala—country - wise for the year 1975-76 (July to June)

(Value Rs. in lakhs)

Sl. No.	Country to which Exported	Bricks & Tiles		Cardamom		Cashew Kernals		Cashew Shell liquid		Coffee	
		Nos ('000)	Value	Qtls.	Value	M.T.	Value	'000 Ltrs.	Value	M.T.	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1.	Algeria	..	..	..	..	..	..	..	..	8	0.82
2.	Austria	..	..	..	..	..	..	..	..	1962	133.51
3.	Australia	..	..	..	..	2435	430.20	221	5.81	..	..
4.	Baherin Island	40	0.15	90.00	10.31	8	0.71	..	..	..	..
5.	Belgium	..	..	30.0	1.58	175	16.51	40	1.47	903	94.26
6.	Bulgaria	..	..	..	..	176	22.84	..	..	328	42.10
7.	Canada	..	..	29.34	2.44	3860	689.40	..	..	851	73.53
8.	Czechoslovakia	..	..	..	..	20	3.17	78	2.31	840	77.26
9.	Denmark	..	..	..	..	14	2.59	..	..	552	71.36
10.	Ethiopia	..	..	..	..	..	..	..	..	..	..
11.	Finland	..	..	40.00	2.63	..	..	..	..	..	..
12.	France	..	..	..	..	1205	165.52	20	0.47	3314	275.18
13.	E. Germany	..	..	490.00	39.92	634	100.94	..	..	411	24.03
14.	W. Germany	..	..	31.25	1.57	942	162.30	103	2.45	829	81.71
15.	Greece	..	..	..	..	6	1.32	..	..	952	83.09
16.	Hongkong	..	..	..	..	559	105.11	..	..	..	..
17.	Hungary	..	..	..	..	..	..	..	..	48	5.30
18.	Iran	..	..	..	..	118	23.31	..	..	..	..
19.	Iraq	..	..	..	..	..	..	..	..	1	0.12
20.	Irish Republic	..	..	..	..	..	..	..	..	..	..
21.	Italy	..	..	..	..	28	4.53	51	1.42	703	84.77
22.	Japan	..	..	505.00	41.58	3923	837.53	1794	37.36	728	60.46
23.	Jordan	..	..	20.00	1.94	16	3.06	..	..	115	9.21
24.	Kuwait	..	..	..	..	603	96.86	..	..	300	28.45
25.	Lebanon	242	1.47	310.00	35.13	86	9.77	..	..	..	..
26.	Libia	..	..	..	..	..	..	..	..	..	..
27.	Malasia	..	..	..	..	..	..	..	..	..	..
28.	Netherland	..	..	30.00	1.31	77	13.27	..	..	46	9.63
29.	Newzeland	..	..	..	..	274	50.43	..	..	228	28.41
30.	Norway	..	..	10.00	0.29	2	0.48	..	..	1823	173.90
31.	Poland	..	..	..	..	..	..	..	..	..	..
32.	Qatar & Trucial States	..	..	..	..	..	..	..	..	..	..
33.	Rumania	..	..	..	..	205	40.12	..	..	..	..
34.	S. Arabia	..	..	1040.10	109.62	86	7.35	..	..	30	3.22
35.	Singapore	..	..	..	..	210	42.16	..	..	25	3.90
36.	Spain	..	..	5.00	0.16	15	1.36	20	0.48	..	..
37.	Sudan	..	..	21.34	2.24	..	..	..	..	1640	102.07
38.	Sweden	..	..	..	..	..	..	..	..	126	18.16
39.	Switzerland	..	..	..	..	97	19.58	..	..	101	16.20
40.	Tunisia	..	..	..	..	..	..	..	..	..	..
41.	Turkey	..	..	..	..	..	..	..	..	..	..
42.	U. A. R.	..	..	3.40	0.28	..	..	..	..	25	4.78
43.	U. K.	..	..	126.91	8.35	862	138.08	2038	4189	631	61.13
44.	U. S. A.	..	..	10.16	1.22	29596	3675.95	1066	13.24	6109	540.11
45.	U. S. S. R.	..	..	1560.00	140.50	13448	2311.82	..	..	894	51.33
46.	Yugoslavia	..	..	..	..	..	..	15	0.48	..	..
47.	Somalia Republic	..	..	..	..	..	..	..	..	..	..
48.	Other Countries	350	2.06	38.27	3.05	1827	326.25	121	3.84	659	61.94
	Total	632	3.68	4390.77	404.12	61507	9302.52	5567	111.22	25232	2219.94

(Contd..)

(Table 14.4.1. Contd.)

Sl. No.	Country to which Exported	Coir yarn & Fibre		Coir products		Cardage & rope of Vegetable fibres		Fish & Prawns		Ginger		Hides & Skins	
		M.T.	Value	M.T.	Value	M. T.	Value	M.T.	Value	M.T.	Value	M.T.	Value
(1)	(2)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
1.	Algeria	..	..	..	..	..	..	..	..	..	..	..	..
2.	Austria	..	..	38	4.13	..	..	..	..	9	0.70	..	..
3.	Australia	..	183	7.63	682	4.19	179	10.40	890	285.58	2	0.16	..
4.	Baherin Island	..	21	0.88	18	0.60	..	..	..	20	1.77	..	..
5.	Belgium	..	1731	61.46	322	37.45	5	0.30	220	44.96	..	..	..
6.	Bulgaria	..	377	15.76	54	2.25	..	..	..	..	..	29	3.63
7.	Canada	..	173	7.32	507	32.13	29	0.98	21	4.14	53	6.40	5
8.	Czechoslovakia	..	..	..	..	..	..	..	..	44	4.76	..	..
9.	Denmark	..	30.00	2.24	958	54.44	15	0.61	998	36.46	..	..	183
10.	Ethiopia	..	..	..	..	..	..	..	..	..	..	..	..
11.	Finland	..	..	..	54	1.31	4	0.19	..	..	..	..	..
12.	France	..	5837	295.93	708	50.17	193	4.47	1492	386.49	17	2.15	22
13.	E. Germany	..	832	35.30	..	..	..	..	6	1.66	5	0.38	..
14.	W. Germany	..	1911	75.35	1232	76.56	3	0.13	21	5.30	23	1.92	30
15.	Greece	..	96	5.70	584	8.36	11	0.37	2	0.36	2	0.13	..
16.	Hongkong	..	..	..	32	0.81	32	0.83	58	11.86	..	..	..
17.	Hungary	..	..	..	27	4.15	..	..	..	..	20	1.77	42
18.	Iran	..	..	..	1	0.06	..	..	..	..	..	..	..
19.	Iraq	..	..	..	..	..	..	..	..	..	..	..	..
20.	Irish Republic	..	29	1.68	35	2.34	..	..	..	..	..	..	..
21.	Italy	..	3012	179.27	78	10.22	267	10.11	142	3.69	8	0.76	152
22.	Japan	..	32	1.90	463	17.87	353	11.02	10677	3939.12	23	2.99	37
23.	Jordan	..	2	0.13	1	0.11	6	0.25	..	..	..	..	..
24.	Kuwait	..	232	7.38	282	11.31	3	0.15	6	0.69	75	9.72	..
25.	Lebanon	..	..	..	7	6.79	6	0.34	..	..	..	..	..
26.	Libya	..	90	4.52	34	0.55	..	..	..	..	..	..	..
27.	Malasia	..	12	0.67	6	0.38	..	..	..	..	..	..	..
28.	Netherlands	..	933	41.21	175	9.73	..	..	4	1.09	..	..	..
29.	Newzeland	..	54	2.09	29	2.31	19	0.82	9	2.46	30	2.57	..
30.	Norway	..	23	0.95	29	1.98	..	..	..	..	3	0.24	..
31.	Poland	..	344	13.12	137	..	..	..	..	..	..	..	..
32.	Qatar & Trucial States	..	25	0.84	..	0.40	..	..	..	..	..	..	..
33.	Rumania	..	..	..	17	0.09	130	3.70	..	..	..	..	..
34.	S. Arabia	..	304	17.99	125	6.20	..	..	2	0.29	211	33.19	..
35.	Singapore	..	1	0.05	28	4.05	..	..	37	7.23	22	2.06	..
36.	Spain	..	225	11.25	3	0.03	..	..	36	9.27	..	..	21
37.	Sudan	..	..	..	..	..	..	..	..	..	41	2.60	..
38.	Sweden	..	81	2.89	77	4.71	35	1.51	312	79.83	..	..	16
39.	Switzerland	..	13	0.35	103	4.41	..	..	5	1.53	..	..	..
40.	Tunisia	..	52	2.16	..	..	..	..	..	..	..	..	..
41.	Turkey	..	321	14.59	..	..	..	..	..	..	..	..	..
42.	U. A. R.	..	57	3.01	195	1.98	..	..	..	..	5	0.52	..
43.	U.K.	..	747	42.24	2224	160.85	78	1.28	1.30	67.14	90	9.09	33
44.	U. S. A.	..	2048	68.93	2972	127.72	322	14.28	15084	2628.91	120	17.85	1
45.	U. S. S. R.	..	86	5.51	1964	131.03	..	..	..	..	75	8.95	..
46.	Yugoslavia	..	230	10.33	15	0.65	..	..	..	..	..	..	68
47.	Somalia Republic	..	..	..	..	..	..	..	..	..	..	..	..
48.	Other Countries	..	1974	87.09	607	74.07	54	1.24	58	11.73	1225	93.71	16
	Total	..	22118	1027.72	14795	926.39	1744	62.98	30210	7529.79	2123	204.39	655

(Contd...)

(Table 14.4.1. Contd....)

Sl. No.	Country	Jute and Jute Products		Metals, Minerals & ores		Tamarind & Seed Powder		Lemon grass Oil		Sandalwood Oil		Other Vegetable	
		M.T.	Value	M.T.	Value	M.T.	Value	M.T.	Value	Qtls.	Value	M.T.	Value
(1)	(2)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
1.	Algeria	..	..	..	..	..	..	..	..	..	..	..	..
2.	Austria	..	..	..	..	..	..	..	..	..	..	..	..
3.	Australia	..	3 0.33	4	1.02	..	..	5	2.98	..	..	17	0.80
4.	Baherin Island	..	..	4	0.22	..	..	..	..	..	..	..	..
5.	Belgium	..	..	72	2.00	..	..	..	..	..	..	..	..
6.	Bulgaria	..	..	279	14.55	..	..	5	3.49	..	..	..	..
7.	Canada	..	..	..	..	48	0.53	11	0.55	..	..	7	0.18
8.	Czechoslovakia	..	..	..	..	..	..	..	..	..	..	..	..
9.	Denmark	..	..	171	7.88	..	..	..	..	..	..	..	..
10.	Ethiopia	..	..	..	..	..	..	..	..	..	..	..	..
11.	Finland	..	..	..	..	..	..	..	..	..	..	..	..
12.	France	..	..	100	0.77	..	..	..	..	50	2.96	2	1.99
13.	East Germany	..	..	..	..	..	..	5	2.50	..	..	1	2.81
14.	West Germany	..	..	5	0.99	..	..	..	..	..	..	..	..
15.	Greece	..	..	..	..	..	..	..	..	..	..	..	..
16.	Hongkong	..	..	849	40.51	..	..	..	..	..	..	..	..
17.	Hungary	..	..	298	26.15	..	..	1	0.72	..	..	..	..
18.	Iran	..	..	519	12.53	..	..	..	..	..	..	..	..
19.	Iraq	..	..	..	..	..	..	..	..	..	..	33	1.00
20.	Irish Republic	..	..	..	..	..	..	..	..	..	..	..	..
21.	Italy	..	..	1	0.35	..	..	5	0.38	..	..	..	..
22.	Japan	..	..	137	31.56	..	..	..	..	..	..	..	..
23.	Jordan	..	..	..	..	..	..	..	..	..	..	..	..
24.	Kuwait	..	..	138	16.06	..	..	..	..	..	..	..	..
25.	Lebanan	..	..	..	..	..	..	..	..	..	..	..	..
26.	Libia	..	..	297	19.48	..	..	..	..	..	..	..	..
27.	Malasia	..	..	11	1.27	..	..	..	..	..	..	..	..
28.	Netherland	..	..	300	4.19	..	..	..	..	..	..	..	..
29.	Newzeland	..	..	1	0.28	..	..	..	..	..	..	..	..
30.	Norway	..	..	..	..	..	..	..	..	..	..	..	..
31.	Poland	..	..	..	..	..	..	..	..	..	..	..	..
32.	Qatar&Trucial States	..	..	..	..	..	..	..	..	..	..	..	..
33.	Rumania	..	..	..	..	..	..	..	..	..	..	..	..
34.	S. Arabia	..	..	11	0.98	..	..	..	..	..	..	..	..
35.	Singapore	..	..	3	0.27	..	..	..	..	..	..	..	..
36.	Spain	..	..	15	0.07	..	..	..	..	..	..	..	..
37.	Sudan	..	..	..	..	..	..	..	..	..	..	..	..
38.	Swedan	..	..	..	..	..	..	..	..	..	..	..	..
39.	Switzerland	..	..	4	0.23	..	..	..	..	..	..	..	..
40.	Tunissia	..	..	..	..	..	..	..	..	..	..	..	..
41.	Turkey	..	..	..	..	..	..	..	..	..	..	..	..
42.	U.A.R.	..	..	90	2.49	..	..	..	..	..	..	..	..
43.	U.K.	..	..	47	3.76	..	..	22	8.46	..	..	..	..
44.	U.S.A.	..	..	3874	42.05	..	..	93	22.97	..	..	4	1.15
45.	U.S.S.R.	..	..	..	..	..	..	146	74.34	24	1.19	..	..
46.	Yugoslavia	..	..	14	4.24	..	..	..	..	..	..	..	..
47.	Somalia Republic	..	..	..	..	..	..	..	..	..	..	1	0.26
48.	Other Countries	..	1 0.01	1031	31.30	..	..	1	0.23	..	..	..	..
	Total	..	4 0.34	8275	265.20	48	0.53	294	116.62	74	4.15	65	8.19

(Contd...)

(Table 14.4.1 Contd...)

Country	Oil Cake		Pepper		Rubber Manufacture		Tea		Turmeric		Rosewood
	M.T.	Value	M.T.	Value	M.T.	Value	M.T.	Value	M.T.	Value	Value
(1)	(2)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)
1. Algeria
2. Austria
3. Australia	75	5.53	..	0.24	1694	176.69	5	0.23	0.93
4. Baherin Island	1	0.02	..
5. Belgium	14	1.56	..	..	..	..	..	..	2.10
6. Bulgaria	210	48.29	..	..	42	15.87	..	..	..
7. Canada	1211	213.48	..	..	1376	148.04	170	24.19	1.55
8. Czechoslovakia	395	54.72	..	..	..	..	..	..	..
9. Denmark	18	1.48	..	..	98	10.12	..	..	7.95
10. Ethiopia	5	0.75	..	..	24	2.74	..	..	..
11. Finland	0.18
12. France	119	16.07	..	2.92	67	3.43	..	..	11.70
13. East Germany	696	180.43	..	..	31	2.40	..	..	6.99
14. West Germany	29	5.32	..	..	247	33.71	..	..	36.35
15. Greece
16. Hongkong	6.28
17. Hungary	955	170.45	..	..	110	11.48	..	..	..
18. Iran	8	0.30	..	15.95	236	33.06	..	..	..
19. Iraq	572	89.38	..	..	..
20. Irish Republic	199	18.32	..	..	..
21. Italy	1129	200.08	..	5.53	46	5.53	..	..	141.32
22. Japan	43	5.20	..	35.36	173	32.72	8	0.37	460.14
23. Jordan	1651	173.56	..	..	..
24. Kuwait	20	2.83	..	2.51	244	37.23	11	0.43	..
25. Lebanon	15	1.24	..	..	..	..	..	..	..
26. Libia
27. Malasia	0.08
28. Netherland	5	0.73	..	..	..	..	..	..	0.26
29. Newzeland	10	0.63	..	0.34	38	4.70	1	0.04	..
30. Norway	15	2.25	..	..	82	12.27	..	..	0.61
31. Poland	962	206.78	..	..	471	50.24	..	..	..
32. Qatar & Trucial States	1.20
33. Rumania
34. S. Arabia	40	9.46	..	..	19	2.50	..	..	..
35. Singapore	139	10.62	..	..	1	0.10	..	..	0.69
36. Spain	15	2.29	..	..	3	0.18	..	..	10.71
37. Sudan	11	2.28	..	..	1594	197.19	..	..	..
38. Swedan	3	0.70	..	..	..	..	..	..	4.01
39. Switzerland	3	0.54	..	..	..
40. Tunissia
41. Turkey
42. U.A.R.	155	217.11	..	8.75	4126	432.74	..	..	..
43. U.K.	324	73.37	..	..	1904	237.77	27	1.30	5.00
44. U.S.A.	2170	338.84	..	..	2899	435.01	933	39.06	15.65
45. U.S.S.R.	7570	1254.56	..	33.32	15063	1638.47	42	2.20	..
46. Yugoslavia	973	153.15	..	..	25	2.71	..	..	..
47. Somalia Republic	0.10
48. Other Countries	6	7.00	..	3.10	219	6.88	33	6.37	9.00
Total	17339	3187.50	..	108.02	33260	3815.08	1230	74.21	722.80

(Contd....)

Table 14.4.1 (Contd.....)

Sl. No.	Country	Other kinds of wood (value)	Wood manufactures (value)	Others (value)	Total (value)
(1)	(2)	(47)	(48)	(49)	(50)
1.	Algeria	..	..	..	5.65
2.	Austria	..	..	..	1374.10
3.	Australia	2.45	0.75	244.67	25.57
4.	Beherin Island	6.46	..	4.45	299.73
5.	Belgium	0.89	2.01	33.18	186.02
6.	Bulgaria	..	..	17.74	1264.11
7.	Canada	0.49	0.41	57.80	142.22
8.	Czechoslovakia	..	..	..	274.57
9.	Denmark	0.78	0.01	18.79	3.49
10.	Ethiopia	..	..	..	4.89
11.	Finland	..	..	0.58	1332.75
12.	France	0.20	0.66	108.93	417.03
13.	East Germany	..	..	20.03	618.40
14.	West Germany	7.61	8.13	107.33	110.33
15.	Greece	..	0.25	0.75	215.47
16.	Hongkong	3.24	..	46.83	243.43
17.	Hungary	..	..	15.24	88.52
18.	Iran	1.20	..	2.11	232.61
19.	Iraq	101.26	5.91	34.94	30.34
20.	Irish Republic	..	..	8.00	897.62
21.	Italy	0.70	3.83	196.52	5657.13
22.	Japan	13.88	6.86	115.67	188.26
23.	Jordan	..	..	..	312.92
24.	Kuwait	31.01	..	31.66	18.14
25.	Lebanon	..	..	..	24.55
26.	Libia	..	..	..	5.11
27.	Malasia	..	..	2.71	96.62
28.	Netherland	2.26	0.66	12.28	105.08
29.	Newzeland	..	..	10.00	193.05
30.	Norway	0.08	..	..	592.77
31.	Poland	..	1.21	321.42	5.71
32.	Qatar & Trucial States	2.17	..	1.10	45.20
33.	Rumania	..	..	1.29	199.47
34.	S. Arabia	8.20	0.47	..	202.90
35.	Singapore	..	0.95	130.82	56.70
36.	Spain	0.31	0.02	18.23	307.44
37.	Sudan	..	..	1.03	122.06
38.	Sweedan	7.17	1.40	..	79.44
39.	Switzerland	0.19	0.15	36.26	7.28
40.	Tunissia	..	..	5.12	14.59
41.	Turkey	..	..	..	677.20
42.	U.A.R.	2.83	2.71	..	869.58
43.	U.K.	0.52	0.91	3.95	8279.26
44.	U.S.A.	4.00	1.99	310.00	5982.73
45.	U.S.S.R.	..	0.30	309.41	238.47
46.	Yugoslavia	..	..	41.75	10.90
47.	Somalia Republic	..	..	10.80	1438.17
48.	Other Country	47.58	0.08	660.37	33497.55
	Total	245.52	39.67	2941.76	

14.4.2 Foreign imports into the ports of Kerala (Country-wise) for the year 1975-76 - (July to June)

(Value Rs. in Lakhs)

Sl. No.	Country	Cashewnut raw		Chemicals	Coal, cake and Patent fuel		Copra	Cotton raw and waste		Cotton twist and Yarn	Cotton piece goods	Cotton Manufactures		
		Qty. (M.T.)	Value	(Value)	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	(Value)	(Value)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1.	Austria	..	..	..	..	..	..	..	..	..	..	..	..	..
2.	Australia	..	..	..	..	..	..	..	..	..	..	..	..	..
3.	Africa-East	..	34986	806.45	..	..	..	..	..	..	..	..	..	..
4.	Belgium	..	..	..	0.74	..	..	..	..	..	..	..	..	..
5.	Bulgaria	..	..	..	0.21	..	..	..	..	..	..	..	..	..
6.	Burma	..	..	..	..	..	..	..	..	..	..	..	..	..
7.	Canada	..	..	..	0.01	..	..	..	..	..	..	..	..	..
8.	Czechoslovakia	..	..	..	..	..	..	..	..	..	..	..	..	..
9.	Denmark	..	..	..	..	..	..	..	..	..	..	..	..	..
10.	France	..	..	..	6.45	..	..	..	..	..	..	..	..	..
11.	Finland	..	..	..	..	..	..	..	..	..	..	..	..	..
12.	Germany East	..	..	..	..	..	..	..	..	..	..	..	..	..
13.	Germany West	..	..	..	3.73	..	..	..	..	..	..	..	..	..
14.	Holland	..	..	..	..	..	..	..	..	..	..	..	..	..
15.	Hungary	..	..	..	0.35	..	..	..	..	..	..	..	..	..
16.	Hongkong	..	..	..	..	..	..	..	..	..	..	..	..	..
17.	Iran	..	..	..	104.88	..	..	..	..	..	..	..	..	..
18.	Iraq	..	..	..	101.60	..	..	..	..	..	..	..	..	..
19.	Italy	..	..	..	0.95	..	..	..	..	..	..	..	..	..
20.	Japan	..	..	..	44.26	..	..	..	..	..	9	2.96	..	..
21.	Kenya	..	3672	87.95	..	..	..	..	..	..	..	..	..	..
22.	Morocco	..	..	..	..	..	..	..	..	..	..	..	..	..
23.	Malasia	..	..	..	..	..	..	..	..	..	..	..	..	..
24.	Mascot	..	..	..	..	..	..	..	..	..	..	..	..	..
25.	Netherland	..	..	..	..	..	..	..	..	..	..	..	..	..
26.	Norway	..	..	..	..	..	..	..	..	..	..	..	..	..
27.	Poland	..	..	..	171.56	..	..	..	..	..	..	..	..	..
28.	Portugal	..	416	9.73	..	..	..	..	..	..	..	..	..	..
29.	Pakistan	..	..	..	..	..	..	..	1077	74.91	..	..	..	..
30.	Persian Gulf	..	..	..	..	..	..	..	..	..	..	..	..	..
31.	Rumania	..	..	..	..	..	..	..	..	..	..	..	..	..
32.	Singapore	..	..	..	..	..	..	..	..	..	..	..	..	..
33.	Sudan	..	..	..	..	..	..	..	1655	122.72	..	..	..	..
34.	Switzerland	..	..	..	0.17	..	..	..	..	..	..	..	..	..
35.	Soudi Arabia	..	..	..	..	..	..	..	..	..	..	..	..	..
36.	Sweedn	..	..	..	0.07	..	..	..	..	..	..	..	..	..
37.	Tanzania	..	68235	2009.15	..	..	..	..	..	..	..	..	..	..
38.	Yugoslavia	..	..	..	..	..	..	..	..	..	..	..	..	..
39.	A.R.E.	..	..	..	..	..	..	..	4	1.22	..	..	..	..
40.	U.A.E.	..	..	..	..	..	..	..	..	..	..	..	..	..
41.	U.A.R.	..	..	..	..	..	..	..	5	1.68	..	..	..	..
42.	U.K.	..	..	..	3.50	..	..	..	..	..	..	..	..	..
43.	U.S.A.	..	..	..	8.66	..	..	..	..	..	..	..	0.10	..
44.	U.S.S.R.	..	..	..	67.66	..	..	..	..	..	..	..	..	..
45.	Other countries	..	1568	34.99	..	..	..	..	..	..	..	..	..	..
	Total	..	108877	2948.27	514.80	..	..	..	2741	200.53	9	2.96	0.10	..

(Contd...)

(Table 14.4.2 (Contd....))

Sl. No.	Country	Drugs and Medicines		Dying and tanning substances		Fruits & Vegetables including dates		Paddy, Rice & Other food grains		Gums and resins	Hardware & cutlary		Liquors
		(Value)	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Value	Qty. ('000 ltrs)	Value
(1)	(2)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)
1.	Austria	..	..	..	..	..	..	..	..	..	..	..	..
2.	Australia	..	..	..	..	..	31717	374.52	..	..	..	..	..
3.	Africa - East	..	..	..	..	..	..	..	..	..	..	1	0.15
4.	Belgium	..	..	..	..	..	..	..	..	..	..	..	..
5.	Bulgaria	..	..	..	..	..	23109	514.40	..	..	..	..	..
6.	Burma	..	..	..	..	..	38673	552.62	..	..	..	..	..
7.	Canada	..	..	..	..	..	..	..	..	..	..	..	..
8.	Czechoslovakia	..	..	..	..	..	..	..	..	..	..	..	..
9.	Denmark	..	..	..	..	..	72894	1153.31	..	..	..	1	0.07
10.	France	..	..	..	..	..	..	..	..	..	..	..	..
11.	Finland	..	..	..	..	..	..	..	..	..	..	..	..
12.	Germany East	..	..	..	..	..	..	..	..	..	..	..	..
13.	Germany West	..	0.19	..	..	1	0.18	14631	240.24	..	..	..	..
14.	Holland	..	0.04	..	..	..	..	..	..	..	..	..	..
15.	Hungary	..	..	..	..	..	..	..	..	..	..	..	..
16.	Hongkong	..	..	..	..	..	..	..	..	..	..	..	..
17.	Iran	..	..	..	..	..	..	..	..	..	..	..	..
18.	Iraq	..	..	..	..	..	..	..	..	..	..	..	..
19.	Italy	..	0.20	..	..	..	..	..	..	2	0.19	..	..
20.	Japan	..	..	..	..	..	..	..	..	..	..	..	..
21.	Kenya	..	..	..	..	..	..	..	..	..	..	..	..
22.	Morocco	..	..	..	..	..	..	..	..	..	..	..	..
23.	Malasia	..	..	..	..	..	..	..	..	..	..	..	..
24.	Mascat	..	..	..	..	..	..	..	..	..	..	..	..
25.	Netherland	..	..	..	..	..	..	..	..	..	..	..	..
26.	Norway	..	..	..	..	..	..	..	..	..	..	..	..
27.	Poland	..	..	..	..	..	..	..	..	..	..	..	..
28.	Portugal	..	..	..	..	..	..	..	..	..	..	..	..
29.	Pakistan	..	..	..	..	..	..	..	..	..	..	..	..
30.	Persian Gulf	..	..	..	..	..	..	..	..	..	..	..	..
31.	Rumania	..	..	..	..	..	..	..	..	..	..	..	..
32.	Singapore	..	..	..	..	6	1.03	..	..	..	..	..	..
33.	Sudan	..	..	..	..	..	..	..	..	..	..	..	..
34.	Switzerland	..	..	..	..	..	..	..	..	..	..	..	..
35.	Saudi Arabia	..	..	..	..	..	..	..	..	..	..	..	..
36.	Sweden	..	..	..	..	..	..	..	..	..	..	..	..
37.	Tanzania	..	..	..	..	..	..	..	..	..	..	..	..
38.	Yugoslavia	..	..	..	..	..	..	..	..	..	..	..	..
39.	A.R.E.	..	..	..	..	..	..	..	..	..	..	..	..
40.	U.A.E.	..	..	..	..	..	..	..	..	..	..	..	..
41.	U.A.R.	..	..	..	..	..	..	..	..	3	0.96	..	6 1.18
42.	U.K.	..	..	..	..	..	..	186236	3478.26	2	0.34	..	..
43.	U.S.A.	..	..	..	..	..	..	..	..	..	..	..	..
44.	U.S.S.R.	..	..	..	..	..	..	..	..	..	..	..	..
45.	Other Countries	..	..	..	..	..	..	..	..	..	..	..	..
	Total	..	0.43	..	..	7	1.21	367260	6313.35	7	1.49	..	8 1.40

(Contd....)

Table 14.4.2 (Contd....)

Sl. No.	Country	Machinery & Mill work	Manures		Metals, Minerals & Ores		Kerosene Oil		Lubricating Oil		Other Mineral oil including fuel Oil	
		(Value)	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. ('000 ltrs)	Value	Qty. ('000 ltrs)	Value	Qty. ('000 ltrs)	Value
(1)	(2)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
1.	Austria	0.52	..	..	..	..	..	..	..	..	..	..
2.	Australia	0.06	..	..	..	..	..	..	..	..	..	..
3.	Africa-East	..	..	..	..	..	..	..	..	..	..	..
4.	Belgium	2.21	..	..	1564	35.84	..	..	..	..	122	2.16
5.	Bulgaria	..	..	..	..	..	..	..	..	..	..	..
6.	Burma	..	..	..	..	..	..	..	..	..	..	..
7.	Canada	14.32	..	..	15903	334.36	..	..	..	..	..	..
8.	Czechoslovakia	0.03	..	..	..	..	..	..	..	..	..	..
9.	Denmark	0.07	..	..	..	..	..	..	..	..	..	..
10.	France	57.30	6000	141.74	51	1.99	..	..	..	..	..	..
11.	Finland	0.12	..	..	..	..	..	..	..	..	..	..
12.	Germany East	17.47	..	..	..	..	..	..	..	..	..	..
13.	Germany West	116.95	22330	344.03	338	17.02	..	..	..	..	..	..
14.	Holland	105.05	..	..	..	..	..	..	..	..	..	..
15.	Hungary	..	..	..	..	..	..	..	..	..	..	..
16.	Hongkong	0.37	..	..	..	..	..	..	..	..	..	..
17.	Iran	..	..	..	..	..	..	..	..	..	93454	568.05
18.	Iraq	..	5550	35.07	..	..	..	..	..	..	49777	293.47
19.	Italy	127.49	..	..	..	..	..	..	..	..	..	..
20.	Japan	396.49	45	1.28	2330	97.87	..	..	..	..	..	..
21.	Kenya	..	..	..	..	..	..	..	..	..	..	..
22.	Morocco	..	62600	393.59	..	..	..	..	..	..	..	..
23.	Malasia	..	..	..	..	..	..	..	..	..	..	..
24.	Mascat	..	..	..	..	..	..	..	..	..	..	..
25.	Netherland	1.87	..	..	..	..	..	..	..	..	..	..
26.	Norway	167.12	6700	123.58	..	..	..	..	..	..	..	..
27.	Poland	..	23956	230.95	..	..	..	..	..	..	..	..
28.	Portugal	..	..	..	..	..	..	..	..	..	..	..
29.	Pakistan	..	..	..	..	..	..	..	..	..	..	..
30.	Persian Gulf	..	..	..	..	..	..	..	..	..	2540650	17976.54
31.	Rumania	..	8411	94.47	..	..	..	..	..	..	..	..
32.	Singapore	..	..	..	2	0.38	..	..	..	..	..	..
33.	Sudan	..	..	..	..	..	..	..	..	..	..	..
34.	Switzerland	25.09	..	..	..	..	..	..	..	..	..	..
35.	Saudi Arabia	..	10029	198.97	..	..	..	..	..	..	..	..
36.	Swedan	29.92	..	..	1	0.85	..	..	..	..	..	..
37.	Tanzania	..	..	..	..	..	..	..	..	..	..	..
38.	Yugoslavia	2.36	..	..	..	..	..	..	..	..	..	..
39.	A.R.E.	..	..	..	..	..	..	..	..	..	..	..
40.	U.A.E.	0.13	..	..	..	..	..	..	..	..	..	..
41.	U.A.R.	..	..	..	..	..	..	..	..	..	..	..
42.	U.K.	108.17	..	..	8335	226.91	..	..	..	..	..	..
43.	U.S.A.	338.78	5	0.46	41	11.04	..	..	..	..	..	..
44.	U.S.S.R.	75.73	43	4.50	1013	24.43	..	..	..	..	..	..
45.	Other Countries	0.36	..	..	..	..	..	..	..	..	..	..
	Total	1589.30	145671	1566.64	29578	750.69	..	..	..	..	2684003	18840.22

(Contd.....)

Table 14.4.2 (Contd...)

Sl. No.	Country	Other Vegetable Oil	Other kinds of Oil	Paints and Colours	Paper and Paste board	Provisions and Oil	Rubber Raw	Rubber Manufactures	Tobacco Manufactures	Others	Total				
		Qty. ('000 ltrs)	Value ('000 ltrs.)	Qty. Value (Value)	Qty. Value (Value)	Qty. Value (Value)	Qty. Value (Value)	Qty. Value (Value)	Qty. Value (Value)	Qty. Value (Value)	Value (Value)	Value (Value)			
(1)	(2)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)
1.	Austria	..	..	..	..	..	..	..	..	..	..	..	..	1.00	1.52
2.	Australia	..	..	..	..	..	..	..	..	..	..	..	..	1.18	374.76
3.	Africa-East	..	..	..	..	..	..	..	..	11	1.06	..	..	0.02	42.18
4.	Belgium	..	..	..	..	..	..	..	..	..	..	..	..	..	0.21
5.	Bulgaria	..	..	..	..	..	..	..	..	..	..	..	..	..	514.40
6.	Burma	..	..	..	..	..	..	..	..	..	..	..	..	14.75	1135.08
7.	Canada	..	..	..	..	..	5736	216.57	..	29	2.45	..	..	..	0.03
8.	Czechoslovakia	..	..	..	..	..	..	..	..	..	..	..	..	..	0.07
9.	Denmark	..	..	..	..	..	..	..	..	..	..	..	..	0.19	1362.35
10.	France	..	..	..	..	..	12	1.30	..	..	..	..	..	..	1.27
11.	Finland	..	..	..	..	..	13	1.15	..	..	..	..	..	..	17.58
12.	Germany East	..	..	..	..	..	1	0.11	..	..	..	0.04	..	4.71	727.74
13.	Germany West	..	..	..	..	..	3	0.65	..	..	..	..	..	0.33	105.42
14.	Holland	..	..	..	..	..	..	..	..	..	..	..	..	..	0.35
15.	Hungary	..	..	..	..	..	..	..	..	..	..	..	..	..	0.37
16.	Hongkong	..	..	..	..	..	..	..	..	..	..	..	..	..	672.93
17.	Iran	..	..	..	..	..	..	..	..	..	..	..	..	..	430.14
18.	Iraq	..	..	..	..	..	..	..	..	..	..	..	..	0.15	129.33
19.	Italy	..	..	..	..	..	4	0.54	..	..	..	..	..	12.28	578.05
20.	Japan	..	153	3.97	..	..	297	12.14	..	78	3.69	2.92	..	..	87.95
21.	Kenya	..	..	..	..	..	..	..	..	..	..	..	..	..	393.59
22.	Morocco	..	..	..	..	..	..	..	..	..	..	..	..	0.70	0.70
23.	Malasia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24.	Mascot	..	..	..	..	..	..	..	..	..	..	..	..	11.42	13.29
25.	Netherland	..	..	..	..	..	..	..	..	..	..	..	..	5.81	298.49
26.	Norway	..	..	..	..	..	..	..	..	..	..	..	..	0.05	402.56
27.	Poland	..	..	..	..	..	..	..	..	..	..	..	..	..	9.73
28.	Portugal	..	..	..	..	..	..	..	..	..	..	..	..	..	74.91
29.	Pakistan	..	..	..	..	..	..	..	..	..	..	..	..	..	17976.54
30.	Persian gulf	..	..	..	..	..	..	..	..	..	..	..	..	0.03	94.50
31.	Rumania	..	..	..	..	..	..	..	..	..	..	..	..	1.89	3.30
32.	Singapore	..	..	..	..	..	..	..	..	..	..	..	..	..	122.72
33.	Sudan	..	..	..	..	..	..	..	..	..	..	..	..	10.35	37.53
34.	Switzerland	..	..	..	..	..	6	1.12	..	..	..	..	..	0.04	199.01
35.	Saudi Arabia	..	..	..	..	..	..	..	..	..	..	..	..	0.36	31.20
36.	Sweden	..	..	..	..	..	..	..	..	..	..	..	..	..	2009.15
37.	Tanzania	..	..	..	..	..	..	..	..	..	..	..	..	..	2.86
38.	Yugoslavia	..	..	..	..	..	..	..	..	..	..	..	..	..	1.22
39.	A.R.E.	..	..	..	..	..	..	..	..	..	..	..	..	..	0.15
40.	U.A.E.	..	..	..	..	..	..	..	..	..	..	..	..	..	1.68
41.	U.A.R.	..	..	..	..	..	..	..	..	..	..	0.57	..	14.99	356.54
42.	U.K.	..	..	..	..	..	2	0.26	..	..	..	..	..	149.79	4172.30
43.	U.S.A.	..	1365	135.71	100	13.82	..	910	32.14	..	24	1.61	1.59	..	208.32
44.	U.S.S.R.	..	..	..	..	..	..	1056	34.00	..	..	..	..	2.00	38.86
45.	Other Countries	..	..	..	..	..	..	..	..	..	..	..	..	3.51	..
	Total	..	1518	139.68	100	13.82	..	8041	301.96	..	142	8.81	5.12	..	33437.33

14.4.3: Foreign exports from the ports of Kerala for the year 1976-1977 (Country-wise) - July to June

(Value Rs. in Lakhs)

Sl. No.	Name of Country	Bricks & Tiles		Cardamom		Cashew Kernals		Cashew Shell Liquid	
		Numbers ('000)	Value	Qtls.(qty.)	Value	M.T.(Qty.)	Value	Qty. ('000 Ltrs.)	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	Algeria	..	..	..	..	..	..	..	..
2.	Australia	..	..	..	..	2428	595.10	154	3.93
3.	Austria	..	..	..	..	..	..	..	..
4.	Beherin Islands	..	..	..	..	159	29.43	60	1.81
5.	Belgium	..	..	..	..	..	..	..	..
6.	Bulgaria	..	..	25.00	4.86	..	..	..	..
7.	Canada	..	..	5.08	1.07	3412	806.02	..	..
8.	Czechoslovakia	..	..	..	..	122	36.11	..	..
9.	Denmark	..	..	..	..	..	..	..	..
10.	Ethiopia	..	..	..	..	..	..	..	..
11.	Finland	..	..	40.00	3.22	..	..	..	..
12.	France	..	..	..	..	332	84.71	20	0.47
13.	Germany East	..	..	187.00	32.05	540	97.54	..	..
14.	Germany West	..	..	70.00	11.92	811	160.20	12	0.37
15.	Greece	..	..	..	..	17	3.92	..	..
16.	Hongkong	25	0.13	..	..	604	173.06	..	..
17.	Hungary	..	..	..	..	..	..	..	..
18.	Iran	..	..	..	..	..	..	..	..
19.	Iraq	..	..	150.00	24.40	47	11.47	..	..
20.	Irish Republic	..	..	..	..	..	..	..	..
21.	Italy	..	..	..	..	29	5.66	51	1.24
22.	Japan	..	..	445.10	82.45	4266	1108.81	759	17.43
23.	Jordan	..	..	..	..	23	5.23	..	..
24.	Kuwait	642	4.72	100.87	15.83	325	89.01	..	..
25.	Lebanon	..	..	..	..	16	6.56	..	..
26.	Libia	..	..	..	..	..	..	..	..
27.	Malasia	..	..	..	..	..	..	..	..
28.	Netherlands	..	..	40.00	5.36	1156	278.87	..	..
29.	Newzeland	..	..	..	..	187	39.56	..	..
30.	Norway	..	..	..	..	..	..	..	..
31.	Poland	..	..	70.00	12.70	..	..	..	..
32.	Qatar, Trucial & Oman	102	0.63	..	..	..	..	..	..
33.	Rumenia	..	..	..	..	..	..	..	..
34.	Saudi Arabia	..	..	150.00	20.93	..	..	..	..
35.	Singapore	..	..	0.50	0.10	267	57.94	..	..
36.	Spane	..	..	..	..	7	0.55	..	..
37.	Sudan	..	..	..	..	2	0.31	..	..
38.	Sweeden	..	..	10.00	0.93	12	1.88	..	..
39.	Switzerland	..	..	..	..	288	59.59	..	..
40.	Tunisia	..	..	..	..	..	..	..	..
41.	Turkey	..	..	..	..	..	..	..	..
42.	U.A.R.	..	..	..	..	1	0.04	..	..
43.	United Kingdom	..	..	22.50	0.42	664	155.53	2286	43.48
44.	U.S.A.	..	..	12.54	2.82	15211	3646.08	..	..
45.	U.S.S.R.	..	..	735.00	156.95	15314	3955.72	..	..
46.	Yugoslavia	..	..	..	..	..	..	10	0.33
47.	Somalia Republic	..	..	..	..	..	..	..	..
48.	Other Countries	332	3.19	6.76	1.34	48	12.72	195	6.21
	Total	1101	8.67	2070.35	377.35	46288	11421.62	3547	75.27

(Contd....)

Table 14.4.3. (Contd...)

Sl.No.	Name of Country	Coffee		Coir Yarn & Fibre		Coir Products		Cardage & Rops of Vegetable	
		Qty.(M.T.)	Value	Qty.(M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value
(1)	(2)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1.	Algeria	..	..	22	0.95	..	..	..	..
2.	Australia	119	47.86	113	5.07	1381	86.75	224	8.52
3.	Austria	..	..	..	..	61	5.61	..	..
4.	Beherin Islands	..	..	9	0.35	..	..	..	..
5.	Belgium	811	285.33	674	39.91	1056	66.63	46	1.79
6.	Bulgaria	..	..	379	7.76	..	..	..	..
7.	Canada	162	41.60	75	3.12	489	33.51	121	2.68
8.	Czechoslovakia	..	..	..	..	..	..	..	..
9.	Denmark	195	108.56	431	27.89	2469	167.69	8	0.32
10.	Ethiopia	..	..	..	..	..	..	..	..
11.	Finland	60	15.19	70	3.04	48	2.51	3	0.15
12.	France	465	154.54	6842	266.85	1428	78.27	85	3.35
13.	Germany East	171	47.54	962	48.26	1	0.06	..	..
14.	Germany West	3050	1250.31	1426	62.59	1128	77.38	17	0.65
15.	Greece	..	..	133	6.88	429	36.46	13	0.55
16.	Hongkong	..	..	16	0.46	23	0.88	7	0.24
17.	Hungary	..	..	..	..	307	33.27	..	..
18.	Iran	..	..	73	2.56	..	..	..	..
19.	Iraq	334	157.04	65	2.27	389	33.36	..	..
20.	Irish Republic	..	..	17	0.47	17	1.27	..	..
21.	Italy	498	160.91	1630	60.73	1215	91.68	23	0.89
22.	Japan	181	58.36	175	5.92	357	19.82	150	5.82
23.	Jordan	..	..	..	..	7	0.54	17	0.60
24.	Kuwait	134	39.56	241	7.03	132	8.04	..	..
25.	Lebanon	..	..	..	..	..	..	..	..
26.	Libia	..	..	60	2.47	5	0.37	5	0.22
27.	Malasia	..	..	4	0.18	3	0.22	..	..
28.	Netherlands	1022	344.28	3247	126.52	560	25.72	20	0.89
29.	Newzeland	..	..	1	0.47	29	2.11	40	2.10
30.	Norway	548	242.26	20	0.92	35	2.87	..	..
31.	Poland	..	..	357	11.58	..	..	..	..
32.	Qatar, Trucial & Oman	..	..	61	0.50	..	..	..	..
33.	Rumenia	..	..	..	..	1	0.07	..	..
34.	Saudi Arabia	..	..	100	4.09	19	1.43	..	..
35.	Singapore	..	..	32	1.20	22	1.20	6	0.27
36.	Spain	..	..	581	22.62	..	..	5	0.04
37.	Sudan	..	..	..	..	..	..	..	..
38.	Sweedan	184	59.94	163	6.85	45	2.35	11	0.87
39.	Switzerland	66	25.32	470	19.44	9	0.61	..	..
40.	Tunissia	..	..	28	1.22	..	..	..	..
41.	Turkey	..	..	221	9.04	75	3.21	..	..
42.	U.A.R.	..	..	..	..	5	0.28	1	0.05
43.	United Kingdom	271	82.93	868	40.60	2146	155.94	407	16.49
44.	U.S.A.	3787	1177.91	2631	97.97	3091	189.76	383	16.97
45.	U.S.S.R.	..	..	..	..	1451	109.20	..	..
46.	Yugoslavia	73	21.45	422	18.19	36	1.60	..	..
47.	Somalia Republic	..	..	..	..	..	..	..	..
48.	Other Countries	485	227.20	2739	120.15	1376	64.25	181	7.63
	Total	12616	4548.09	25358	1036.12	19845	1304.92	1773	71.07

(Contd.....)

Table 14.4.3. (Contd....)

Sl. No.	Name of Country	Fish and Prawns		Ginger		Hides and Skins		Jute and Jute Products		
		Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	
1.	Algeria	..	..	..	..	..	..	..	..
2.	Australia	..	794	251.36	199	23.62	2	0.21
3.	Austria	..	..	..	..	..	..	..	..
4.	Beherin Islands	..	..	..	..	..	..	..	..
5.	Belgium Islands	..	44	10.28	5	0.90	..	..	..
6.	Belgium	..	..	..	..	..	..	..	..
7.	Canada	..	38	11.55	112	12.55	..	..	..
8.	Czechoslovakia	..	..	..	16	2.81	..	..	..
9.	Denmark	..	3	1.18	..	..	..	..	..
10.	Ethiopia	..	..	..	..	..	..	..	..
11.	Finland	..	..	..	..	..	..	..	..
12.	France	..	1677	369.83	3	0.45	27	6.70
13.	Germany East	..	879	154.50	..	..	..	..	..
14.	Germany West	..	17	8.10	183	26.61	2	1.37	2	0.22
15.	Greece	..	2	0.96	15	1.98
16.	Hongkong	..	3	0.56	..	..	..	..	..
17.	Hungary	..	..	..	..	..	..	..	..
18.	Iran	..	..	..	..	..	..	..	..
19.	Iraq	..	..	..	71	11.49	..	..	..
20.	Irish Republic	..	..	..	..	..	..	..	..
21.	Italy	..	212	7.07	4	0.67	283	131.79
22.	Japan	..	8740	2794.99	60	11.27
23.	Jordan	..	..	..	..	..	..	..	..
24.	Kuwait	..	24	3.03	50	8.47	4	0.49
25.	Lebanon	..	..	..	..	..	..	..	..
26.	Libia	..	..	..	3	0.54	..	..	..
27.	Malasia	..	..	..	..	..	..	..	..
28.	Netherlands	..	41	10.67	47	6.90	..	..	..
29.	Newzeland	..	2	0.47	20	3.18	..	..	..
30.	Norway	..	..	..	..	..	..	..	..
31.	Poland	..	..	..	..	..	..	..	..
32.	Qatar, Trucial & Oman	..	..	..	..	..	..	..	..
33.	Rumenia	..	..	..	..	..	..	..	..
34.	Saudi Arabia	..	..	..	..	..	..	..	..
35.	Singapore	..	1	0.87	15	2.07	..	..	..
36.	Spain	..	19	1.78	14	8.24
37.	Sudan	..	..	..	..	..	..	..	..
38.	Swedan	..	..	..	15	2.25	..	..	..
39.	Switzerland	..	2	0.75	..	..	..	..	..
40.	Tunissia	..	..	..	..	..	..	..	..
41.	Turkey	..	..	..	..	..	..	..	..
42.	U.A.R.	..	..	..	..	..	..	..	..
43.	United Kingdom	..	143	50.32	42	6.47	10	3.17
44.	U.S.A.	..	16967	3550.14	195	30.05
45.	U.S.S.R.	259	37.67
46.	Yugoslavia	..	3	1.81	161	15.19
47.	Somalia Republic
48.	Other Countries	..	10	1.54	425	71.37	8	1.26
	Total	..	29621	7231.74	1686	250.91	550	176.87	16	2.18

(Contd...)

Table 14.4.3. (Contd...)

Sl. No.	Name of Country	Metals, Minerals and Ores		Manioc Meals		Lemongrass Oil		Sandalwood Oil		Other Vegetable Oil	
		Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. ('000 ltrs.)	Value	Qty. ('000 ltrs.)	Value	Qty. ('000 ltrs.)	Value
(1)	(2)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
1.	Algeria	..	..	..	..	..	..	..	..	..	..
2.	Australia	224	71.56	..	..	4	2.78	..	..	1	0.13
3.	Austria	..	..	..	..	..	..	..	..	..	..
4.	Beherin Islands	26	1.20	..	..	..	..	..	..	..	..
5.	Belgium	..	..	..	..	..	..	..	..	..	..
6.	Bulgaria	..	..	..	..	..	..	..	..	..	..
7.	Canada	744	39.41	15	0.23	..	..	..	..	1	1.38
8.	Czechoslovakia	..	..	..	..	..	..	..	..	..	..
9.	Denmark	..	..	..	..	..	..	..	..	..	..
10.	Ethiopia	..	..	..	..	..	..	..	..	..	..
11.	Finland	..	..	..	..	..	..	..	..	..	..
12.	France	..	..	..	..	1	0.89	2	1.30	..	..
13.	Germany East	..	..	..	..	..	..	..	..	..	..
14.	Germany West	201	62.56	..	..	7	4.70	1	0.40	3	4.97
15.	Greece	..	..	..	..	..	..	..	..	..	..
16.	Hongkong	361	21.88	..	..	..	..	..	..	..	..
17.	Hungary	3	1.02	..	..	7	4.90	..	..	..	..
18.	Iran	614	12.39	..	..	..	..	..	..	..	..
19.	Iraq	..	..	150	2.28	..	..	..	..	..	..
20.	Irish Republic	..	..	..	..	..	..	..	..	..	..
21.	Italy	51	0.98	..	..	..	..	..	..	..	..
22.	Japan	4129	143.48	2383	20.19	..	..	..	..	..	..
23.	Jordan	6	0.35	..	..	..	..	..	..	14	2.44
24.	Kuwait	..	..	..	..	..	..	..	..	..	..
25.	Lebanon	..	..	..	..	..	..	..	..	..	..
26.	Libia	511	66.69	..	..	..	..	..	..	..	..
27.	Malasia	62	0.04	..	..	..	..	..	..	..	..
28.	Netherlands	1	0.03	..	..	..	..	1	1.07	..	..
29.	Newzeland	..	..	..	..	..	..	..	..	..	..
30.	Norway	..	..	..	..	..	..	..	..	..	..
31.	Poland	..	..	504	9.13	..	..	..	..	..	..
32.	Qatar, Trucial & Oman	20	0.47	..	..	..	..	..	..	..	..
33.	Rumenia	..	..	..	..	..	..	..	..	..	..
34.	Saudi Arabia	..	..	..	..	..	..	..	..	..	..
35.	Singapore	..	..	590	3.26	..	..	..	..	..	..
36.	Spain	..	..	100	1.06	..	..	..	..	..	..
37.	Sudan	..	..	..	..	..	..	..	..	..	..
38.	Sweden	310	3.47	..	..	..	..	..	..	..	..
39.	Switzerland	..	..	..	..	..	..	1	1.04	..	..
40.	Tunissia	..	..	..	..	..	..	..	..	..	..
41.	Turkey	..	..	..	..	..	..	..	..	..	..
42.	U.A.R.	..	..	..	..	..	..	..	..	..	..
43.	United Kingdom	188	6.59	..	..	15	9.01	2	2.21	1	0.90
44.	U.S.A.	1794	48.85	18	0.52	7	4.95	33	34.55	4	8.50
45.	U.S.S.R.	..	..	..	..	200	128.99	..	..	..	..
46.	Yugoslavia	320	26.03	..	..	..	..	..	..	..	..
47.	Somalia Republic	..	..	..	..	..	..	..	..	..	..
48.	Other Countries	1877	94.24	957	17.24	3	2.13	..	..	2	1.56
	Total	11442	601.18	4717	53.91	244	158.35	40	40.57	26	19.88

(Contd...)

Table 14.4.3. (Contd...)

Sl.No.	Name of Country	Oil Cake		Pepper		Rubber Manufacturing Value	Tea		Turmeric	
		Qty. (M.T.)	Value	Qty. (M.T.)	Value		Qty. (M.T.)	Value	Qty. (M.T.)	Value
(1)	(2)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)
1.	Algeria	..	..	..	..	..	..	..	..	..
2.	Australia	..	..	51	8.43	1.03	3268	522.17	23	1.44
3.	Austria	..	..	5	0.33	..	67	24.80	..	..
4.	Beherin Islands	..	..	..	..	..	4	0.48	..	..
5.	Belgium	..	..	18	2.35	..	..	..	..	..
6.	Bulgaria	..	..	350	68.79	..	..	..	..	..
7.	Canada	..	..	1027	198.36	..	1480	214.14	118	6.25
8.	Czechoslovakia	..	..	1065	200.72	5.00	1	0.15	..	..
9.	Denmark	..	..	17	2.62	..	57	9.64	1	0.06
10.	Ethiopia	..	..	..	..	..	..	..	..	..
11.	Finland	..	..	..	..	..	..	..	..	..
12.	France	..	..	248	38.07	..	350	51.20	..	..
13.	Germany East	..	..	55	8.96	..	45	5.03	..	..
14.	Germany West	..	..	935	202.06	..	917	191.46	5	0.37
15.	Greece	..	..	18	3.96	..	..	..	..	..
16.	Hongkong	..	..	..	..	0.22	..	..	..	..
17.	Hungary	..	..	355	68.04	..	175	36.75	..	..
18.	Iran	..	..	3	0.36	4.05	239	41.98	..	..
19.	Iraq	..	..	291	58.76	..	2681	405.84	120	4.36
20.	Irish Republic	..	..	..	..	..	466	58.58	..	..
21.	Italy	..	..	1190	234.81	..	127	41.96	..	..
22.	Japan	..	..	106	22.18	8.83	390	58.21	2	0.13
23.	Jordan	..	..	3	0.08	..	1573	181.08	..	..
24.	Kuwait	..	..	8	2.80	0.14	72	12.88	1	0.15
25.	Lebanon	..	..	..	..	..	..	..	..	..
26.	Libia	..	..	..	..	..	..	..	..	..
27.	Malasia	..	..	..	..	..	..	..	..	..
28.	Netherlands	..	..	9	1.37	..	1283	271.75	..	..
29.	Newzeland	..	..	1	0.27	..	3	1.35	..	..
30.	Norway	..	..	7	1.22	..	..	..	..	..
31.	Poland	..	..	1325	260.67	..	267	43.15	..	..
32.	Qatar, Trucial & Oman	..	..	..	..	8.95	..	..	..	..
33.	Rumenia	..	..	842	170.29	..	..	..	..	..
34.	Saudi Arabia	..	..	..	..	..	..	..	..	..
35.	Singapore	..	..	333	46.45	32.94	23	2.41	147	7.81
36.	Spain	..	..	47	8.59	..	..	..	..	..
37.	Sudan	..	..	..	..	..	3931	402.41	..	..
38.	Sweedn	..	..	16	3.33	0.10	6	0.68	..	..
39.	Switzerland	..	..	8	1.68	..	42	5.66	..	..
40.	Tunissia	..	..	..	..	..	350	75.51	..	..
41.	Turkey	..	..	..	..	..	..	..	..	..
42.	U.A.R.	..	..	..	..	13.21	..	..	..	..
43.	United Kingdom	..	..	117	18.70	1.66	6866	1280.53	117	5.10
44.	U.S.A.	..	..	4534	1023.38	5.37	8249	1742.73	1021	74.58
45.	U.S.S.R.	..	..	5089	1009.98	26.10	11879	1898.35	..	..
46.	Yugoslavia	..	..	2093	404.32	10.62	..	..	8	0.37
47.	Somalia Republic	..	..	..	..	..	..	..	..	..
48.	Other Countries	1036	18.99	25	4.86	44.20	9079	1344.40	84	3.23
	Total	1036	18.99	20191	4076.79	162.42	53070	8925.28	1627	103.85

(Contd...)

(Table 14.4.3. Contd...)

Sl. No.	Name of Country	Rosewood	Other kinds of wood	Wood manufactures	Others	Total
		(Value)	(Value)	(Value)	(Value)	
(1)	(2)	(46)	(47)	(48)	(49)	(50)
1.	Algeria	..	..	..	..	0.95
2.	Australia	0.18	2.92	1.11	444.28	2078.45
3.	Austria	..	..	..	25.05	55.79
4.	Beherin Islands	..	13.66	6.95	5.16	27.80
5.	Belgium	4.16	6.17	0.39	61.94	511.09
6.	Bulgaria	..	..	..	8.03	89.44
7.	Canada	1.29	0.24	1.40	76.81	1451.61
8.	Czechoslovakia	0.10	..	..	6.89	251.78
9.	Denmark	26.80	3.77	1.21	32.41	382.15
10.	Ethiopia	..	..	..	..	..
11.	Finland	..	0.29	0.66	4.79	29.85
12.	France	16.11	2.78	2.14	394.48	1472.12
13.	Germany East	0.07	..	0.18	51.36	445.55
14.	Germany West	110.42	15.51	41.06	588.62	2821.85
15.	Greece	..	..	1.16	1.38	57.25
16.	Hongkong	8.70	13.31	4.06	206.30	429.80
17.	Hungary	..	..	..	10.99	154.97
18.	Iran	..	0.87	11.12	65.02	138.35
19.	Iraq	..	30.89	72.82	249.57	1064.55
20.	Irish Republic	..	..	..	2.21	62.53
21.	Italy	222.94	4.76	2.17	186.15	1154.41
22.	Japan	628.40	15.44	22.31	717.14	5741.38
23.	Jordan	..	..	..	2.90	190.78
24.	Kuwait	..	5.95	17.77	62.48	280.79
25.	Lebanon	..	..	..	..	6.56
26.	Libia	..	..	..	27.66	97.95
27.	Malassia	0.02	..	..	4.68	5.26
28.	Netherlands	6.18	0.37	8.89	75.99	1164.86
29.	Newzeland	0.67	..	..	9.16	59.34
30.	Norway	6.84	0.04	0.29	4.15	258.59
31.	Poland	..	..	..	76.20	413.43
32.	Qatar, Trucial & Oman	..	6.58	11.35	9.96	38.44
33.	Rumenia	..	..	..	23.61	193.97
34.	Saudi Arabia	..	4.51	..	25.69	56.65
35.	Singapore	2.83	2.74	3.82	269.77	435.68
36.	Spain	6.52	0.20	0.75	33.58	83.93
37.	Sudan	..	..	..	1.78	404.50
38.	Sweeden	5.80	0.14	13.93	80.78	191.24
39.	Switzerland	0.23	..	0.39	35.38	150.07
40.	Tunissia	..	..	..	..	76.73
41.	Turkey	..	..	..	..	12.25
42.	U. A. R.	..	..	..	8.37	21.95
43.	United Kingdom	8.28	0.83	3.84	687.84	2580.84
44.	U. S. A.	36.97	11.83	32.86	601.13	12337.92
45.	U. S. S. R.	..	..	..	146.32	7469.28
46.	Yugoslavia	..	..	..	104.41	604.32
47.	Somalia Republic	..	..	..	3.61	3.61
48.	Other countries	3.29	38.00	26.93	311.05	2426.98
	Total	1096.80	189.80	289.68	5745.28	47987.59

Source: Bureau of Economics and Statistics

14.4.4. Foreign imports into the ports of Kerala for the year 1976-77 (Country-wise) (July to June)

(Value Rs. in lakhs)

Country	Cashewnut Raw		Chemicals	Coal coke and potent fuel	Copra	Cotton Raw and Waste		Cotton twist and yarn		Cotton piece goods (000 Mtr.)	Cotton manu- factures	Drugs and medi- cines	Dying and Tanning substanc- es	
	Qty. (M.T.)	Value	Value	Value	Value	Qty.	Value	Qty.	Value	Value	Value	Value	Qty.	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1. Austria
2. Australia	0.01	..	..	..
3. Africa	25904	682.56	..	..	..	340	54.95	..	..	..	..	..	..	..
4. Belgium	2.75	..	..	75	12.63	..	..	..	..	..	..	..
5. Bulgaria
6. Burma
7. Canada	116.56	..	..	45	5.77	1011	115.36	..	..	..	..	..
8. Czechoslovakia
9. Denmark	0.03	..	..
10. France	3.29	..	..	..	..	49	5.15	..	..	..	..	..
11. Finland
12. Germany East	0.01	..	..
13. Germany West	9.07	..	..	91	14.83	266	30.28	..	1.13	0.32	1	2.02
14. Holland	0.38	..	..	..	..	..	..	..	..	0.03	..	..
15. Hungary
16. Hongkong	90	7.78	..	..	..	..	..
17. Iran	24.91	..	..	..	..	..	..	..	..	..	..	..
18. Iraq	261.17	..	..	..	..	..	..	..	..	..	..	..
19. Italy	99	10.55	2061	234.91	..	..	0.08	..	..
20. Japan	43.87	..	..	..	..	2215	251.18	..	..	..	6	1.15
21. Kenya	2819	63.84	..	..	..	..	..	..	..	..	..	..	..	..
22. Morocco	304.31	..	..	..	..	..	..	..	..	..	..	..
23. Malasia
24. Muscat
25. Netherland
26. Norway	31	5.18	..	..	..	..	..
27. Poland	209.44	..	..	..	..	..	..	..	..	..	..	..
28. Portugal
29. Pakistan	2	0.21	..	..	..	..	..	..	..
30. Persian gulf
31. Rumenia
32. Singapore
33. Sudan	442	61.25	..	..	..	..	..	..	..
34. Switzerland	1	0.94
35. Saudi Arabia
36. Sweeden	1380	145.54	..	..	..	..	..
37. Tanzania	55798	1408.93	..	..	..	1076	188.23	..	..	..	..	..	..	..
38. Yugoslavia	191	18.84	..	..	..	..	..
39. A. R. E.
40. U. A. E.	4.20	..	..	..
41. U. A. R.	5.62	..	..	791	200.18	91	23.49	..	..	..	..	..
42. U. K.	2.68	..	..	..	..	1067	109.38	..	..	0.09	..	..
43. U. S. A.	10.06	..	..	4325	774.61	802	103.16	..	3.04	..	..	..
44. U. S. S. R.	749	100.52	..	..	..	..	..	..	..
45. Other countries	8698	205.53	263.87	..	..	16	3.97	..	..	..	..	..	..	..
Total	93224	2360.86	1257.98	..	..	8051	1427.70	9254	1050.25	..	8.38	0.56	8	4.11

(Contd....)

(Table 14.4.4. Contd.)

Country	Fruits and vegetables including dates		Paddy rice and other food grains		Gums and resines		Hardware and cutlary	Liquors		Machinery and mill work	Manures		
	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Value	Qty. ('000 Ltrs.)	Value	Value	Qty. (M.T.)	Value	
(1)	(1c)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	
1. Austria	0.36	..	..
2. Australia	82308	1239.74	..	..	..	..	..	16.12	..	..
3. Africa East	
4. Belgium	1	0.17	15.66	..	..
5. Bulgaria	0.49	..	..
6. Burma	
7. Canada	8130	165.60	..	..	..	..	..	21.66	..	..
8. Czechoslovakia	19.26	..	..
9. Denmark	2.78	..	..
10. France	5	1.10	..	..	..	21.64	..	..
11. Finland	
12. Germany East	87.20	..	..
13. Germany West	198.18	27023	194.60	
14. Holland	4998	78.80	..	..	..	..	..	32.69	..	..
15. Hungary	
16. Hongkong	0.30	..	..
17. Iran	
18. Iraq	
19. Italy	418.12	..	..
20. Japan	166.54	..	..
21. Kenya	
22. Morocco	85615	436.86	
23. Malasia	4.22	..	..
24. Muscat	
25. Netherland	
26. Norway	80.18	..	..
27. Poland	5000	34.21	
28. Portugal	
29. Pakistan	
30. Persian gulf	
31. Rumania	
32. Singapore	3	0.11	0.69	..	..
33. Sudan	
34. Switzerland	..	1	0.53	..	..	..	..	..	..	22.98	..	..
35. Saudi Arabia	
36. Sweden	4.94	..	..
37. Tanzania	
38. Yugoslavia	0.44	..	..
39. A. R. E.	
40. U. A. E.	
41. U. A. R.	
42. U. K.	3	0.40	83.60	..	..
43. U. S. A.	86068	1779.72	4	1.03	..	..	..	153.25	..	..
44. U. S. S. R.	36.92	..	..
45. Other countries	7000	32.52	
Total	..	1	0.53	181504	3263.86	9	2.13	..	7	0.68	1388.22	124638	698.19

(Contd....)

Table 14.4.4. (Contd.)

Country	Metals, minerals and ores		Kerosine oil		Lubricating oil		*Other mineral oil including fuel oil		Other vegetable oil		Other kinds of oil		Paints and colours
	Qty. (M.T.)	Value	Qty. ('000 Ltrs.)	Value	Qty. ('000 Ltrs.)	Value	Qty. ('000 Ltrs.)	Value	Qty. ('000 Ltrs.)	Value	Qty. ('000 Ltrs.)	Value	(Value)
(1)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
1. Austria	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Australia	8501	146.23	..	..	..	..	..	..	..	..	..	..	..
3. Africa East	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Belgium	585	15.49	..	..	..	..	..	..	..	..	..	..	..
5. Bulgaria	..	..	..	..	..	..	..	..	..	..	..	..	..
6. Burma	..	..	..	..	..	..	..	..	..	..	..	..	..
7. Canada	14111	354.67	..	..	..	..	..	..	..	..	..	..	..
8. Czechoslovakia	..	..	..	..	..	..	..	..	..	..	..	..	..
9. Denmark	..	..	..	..	..	..	..	..	..	..	..	..	..
10. France	11	4.42	..	..	..	..	..	..	..	..	..	..	..
11. Finland	..	..	..	..	..	..	..	..	..	..	..	..	..
12. Germany East	1	0.94	..	..	..	..	..	..	..	..	..	..	..
13. Germany West	143	24.73	..	..	..	..	..	..	..	..	..	..	..
14. Holland	19	5.88	..	..	..	..	..	..	..	..	..	..	..
15. Hungary	..	..	..	..	..	..	..	..	..	..	..	..	..
16. Hongkong	..	..	..	..	..	..	..	..	..	..	..	..	..
17. Iran	..	..	..	..	..	..	..	..	..	..	..	..	..
18. Iraq	..	..	..	..	..	..	..	..	..	..	..	..	..
19. Italy	1	1.06	..	..	..	..	..	..	..	..	..	..	..
20. Japan	5643	125.86	..	..	..	..	..	..	..	..	..	..	0.98
21. Kenya	..	..	..	..	..	..	..	..	..	..	..	..	..
22. Morocco	13042	108.72	..	..	..	..	..	..	..	..	..	..	..
23. Malasia	..	..	..	..	..	..	..	..	..	..	..	..	..
24. Muscat	..	..	..	..	..	..	..	..	..	..	..	..	..
25. Netherland	3	0.70	..	..	..	..	..	..	..	..	..	..	..
26. Norway	1	0.62	..	..	..	..	..	..	..	..	..	..	..
27. Poland	..	..	..	..	..	..	..	..	..	..	..	..	..
28. Portugal	..	..	..	..	..	..	..	..	..	..	..	..	..
29. Pakistan	..	..	..	..	..	..	..	..	..	..	..	..	..
30. Persian gulf	..	..	..	..	..	..	2996488	23101.85	..	..	..	..	..
31. Rumenia	..	..	..	..	..	..	..	..	..	..	..	..	..
32. Singapore	684	29.82	..	..	..	..	..	..	..	..	1	0.55	..
33. Sudan	..	..	..	..	..	..	..	..	..	..	..	..	..
34. Switzerland	119	2.86	..	..	..	..	..	..	..	..	..	..	..
35. Saudi Arabia	..	..	..	..	..	..	..	..	..	..	..	..	..
36. Sweeden	77	3.43	..	..	..	..	..	..	..	..	..	..	..
37. Tanzania	..	..	..	..	..	..	..	..	..	..	..	..	..
38. Yugoslavia	..	..	..	..	..	..	..	..	..	..	..	..	..
39. A. R. E.	..	..	..	..	..	..	..	..	..	..	..	..	..
40. U. A. E.	..	..	..	..	..	..	..	..	..	..	..	..	..
41. U. A. R.	..	..	..	..	..	..	..	..	..	..	..	..	..
42. U. K.	5615	139.07	..	..	..	..	..	..	..	..	..	..	..
43. U. S. A.	484	12.50	..	..	..	..	..	..	2370	249.41	502	37.92	..
44. U. S. S. R.	6832	51.25	..	..	..	..	..	..	..	..	..	..	..
45. Other countries	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	55872	1028.25	..	..	..	..	2996488	23101.85	2370	249.41	503	38.47	0.98

* Including Crude Petroleum

(Contd....)

(Table 14.4.4. Contd.)

Country	Paper and paste board		Provisions and oil manstores		Rubber raw		Rubber manufactures	Tobacco manufactures	Others	Total	
	Qty. (M.T.)	Value	Qty.	Value	Qty. (M.T.)	Value	(Value)	(Value)	(Value)		
(1)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	
1. Austria	0.36	
2. Australia	0.26	1402.36	
3. Africa	737.51	
4. Belgium	..	2	0.56	..	..	174	15.24	0.86	0.23	0.02	63.61
5. Bulgaria	0.49
6. Burma
7. Canada	..	7508	292.64	..	..	274	20.51	..	..	40.16	1132.93
8. Czechoslovakia	19.26
9. Denmark	1.69	..	4.50
10. France	48	3.09	0.15	..	11.11	49.95
11. Finland	..	126	4.82	..	..	..	..	..	..	..	4.82
12. Germany East	88.15
13. Germany West	..	16	2.38	..	..	..	..	0.05	..	10.10	487.69
14. Holland	5.33	123.11
15. Hungary
16. Hongkong	1.99	10.07
17. Iran	24.91
18. Iraq	..	1	0.25	..	..	..	..	..	..	..	261.42
19. Italy	0.13	..	16.16	681.01
20. Japan	..	32	4.30	..	..	131	7.58	1.25	..	36.55	639.26
21. Kenya	63.84
22. Morocco	849.89
23. Malasia	4.22
24. Muscat
25. Netherland	0.70
26. Norway	..	1	0.55	..	..	..	..	..	..	1.99	88.52
27. Poland	243.65
28. Portugal
29. Pakistan	0.21
30. Persian gulf	23101.85
31. Rumenia
32. Singapore	0.14	..	31.31
33. Sudan	61.25
34. Switzerland	..	27	4.76	..	..	..	..	..	0.06	..	32.13
35. Saudi Arabia	0.02	..	0.02
36. Sweedan	0.02	..	153.93
37. Tanzania	45.12	..	..	1642.28
38. Yugoslavia	9.12	..	28.40
39. A. R. E.
40. U. A. E.	0.05	..	4.25
41. U. A. R.	229.29
42. U. K.	..	1	0.28	..	..	2	0.38	0.14	..	10.97	346.99
43. U. S. A.	..	12	2.19	..	..	53	4.04	4.98	..	272.69	3408.60
44. U. S. S. R.	..	3846	137.46	..	..	..	..	..	..	20.08	346.23
45. Other countries	2.23	508.12
Total	..	11572	450.19	..	..	682	50.84	52.68	0.23	440.74	36877.09

14.4.5. Foreign imports into the Ports of Kerala for the year 1977-78 (Country-wise) July to June

(Value Rs. in Lakhs)

Country	Cashewnut Raw		Chemicals	Coal, coke and Potent fuel		Copra		Cotton Raw and Waste		
	Qty.(M.T.)	Value	Value	Qty.(M.T.)	Value	Qty.(M.T.)	Value	Qty. (M.T.)	Value	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
1. Austria	
2. Australia	25.28	..	..	..	..	..	..
3. Africa	
4. Belgium	0.65	..	..	..	..	..	..
5. Bulgaria	
6. Burma	
7. Canada	42.48	..	..	..	..	..	..
8. Czechoslovakia	
9. Denmark	0.03	..	..	..	..	..	..
10. France	3.07	..	..	..	..	..	..
11. Finland	
12. Germany East	
13. Germany West	42.57	..	..	..	..	..	..
14. Holland	
15. Hungary	
16. Hongkong	0.70	..	..	..	..	..	..
17. Iran	90.97	..	..	..	..	..	..
18. Iraq	137.53	..	..	..	..	..	..
19. Italy	17	3.26	
20. Japan	3.69	..	..	..	..	1	0.11	
21. Kenya	..	103	2.87	..	..	..	..	..	..
22. Morocco	199.56	..	..	..	..	..	..
23. Malasia	146	5.34	..	..
24. Muscat	
25. Netherland	1.38	..	..	..	..	..	..
26. Norway	1.06	..	..	..	..	..	..
27. Poland	210.10	..	..	..	..	..	..
28. Portugal	
29. Pakistan	
30. Persian Gulf	
31. Rumenia	
32. Singapore	380	14.54	..	..
33. Sudan	4206	813.84	
34. Switzerland	
35. Saudi Arabia	
36. Sweeden	
37. Tanzania	..	34013	1211.19	..	..	..	..	..	..
38. Yugoslavia	
39. A.R.E.	
40. U.A.E.	
41. U.A.R.	
42. U.K.	25.65	..	..	..	..	..	..
43. U.S.A.	5.80	..	..	..	..	2323	387.47	
44. U.S.S.R.	2137	363.74	
45. Other Countries	..	27	1.08	305.08	..	..	..	5850	949.60
Total	..	34143	1215.14	1095.60	526	19.88	14534	2518.02

(Contd...)

Table 14.4.5. (Contd.)

Country	Cotton twist and yarn		Cotton piece goods		Cotton manufacture	Drugs and medicines	Dying and tanning substance		Total	Fruits and vegetables including duties		Paddy, rice and other food grains	
	Qty.	Value	Qty.	Value	Value	Value	Qty.	Value		Qty.	Value	Qty.	Value
(1)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1. Austria	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Australia	..	..	..	..	0.01	..	..	..	25.29	..	..	..	..
3. Africa	85	13.73	..	..	..	..	..	..	13.73	..	..	..	..
4. Belgium	..	..	..	..	0.01	0.34	..	..	1.00	..	..	1	0.01
5. Bulgaria	56	5.68	..	..	..	..	..	..	5.68	..	..	..	..
6. Burma	..	..	..	..	..	..	..	..	..	..	..	..	..
7. Canada	1961	234.51	..	..	..	..	..	..	276.99	..	..	..	..
8. Czechoslovakia	..	..	..	..	..	..	..	..	..	..	..	..	..
9. Denmark	..	..	..	..	..	..	..	..	0.03	..	..	..	..
10. France	131	14.36	..	..	..	..	..	..	17.43	..	..	..	..
11. Finland	312	34.69	..	..	..	..	..	..	34.69	..	..	..	..
12. Germany East	..	..	..	..	..	..	..	..	..	..	..	..	..
13. Germany West	1375	148.53	..	..	0.11	0.14	1	3.24	194.59	..	..	..	..
14. Holland	..	..	..	..	..	..	..	..	..	..	..	..	..
15. Hungary	175	17.64	..	..	..	..	..	..	17.64	..	..	..	..
16. Hongkong	..	..	..	..	..	..	..	..	0.70	..	..	..	..
17. Iran	..	..	..	..	..	..	..	..	90.97	..	..	..	..
18. Iraq	..	..	..	..	..	..	..	..	137.53	..	..	..	..
19. Italy	8629	981.09	..	..	..	0.06	..	..	984.41	..	..	..	..
20. Japan	4371	541.00	..	..	0.31	0.09	..	..	545.20	..	..	..	..
21. Kenya	..	..	..	..	..	..	..	..	2.87	..	..	..	..
22. Morocco	..	..	..	..	..	..	..	..	199.56	..	..	..	..
23. Malasia	..	..	..	..	..	..	..	..	5.34	..	..	..	..
24. Muscat	..	..	..	..	..	..	..	..	..	..	..	..	..
25. Netherland	..	..	..	..	..	..	4	0.58	1.96	..	..	..	..
26. Norway	352	38.52	..	..	..	..	..	..	39.58	..	..	..	..
27. Poland	..	..	..	..	..	..	..	..	210.10	..	..	..	..
28. Portugal	..	..	..	..	..	..	..	..	..	..	..	..	..
29. Pakistan	..	..	..	..	..	..	..	..	..	..	..	..	..
30. Persian gulf	..	..	..	..	..	..	..	..	..	..	..	..	..
31. Rumenia	..	..	..	..	..	..	..	..	..	..	..	..	..
32. Singapore	..	..	..	..	..	..	..	..	14.54	..	..	45	1.16
33. Sudan	..	..	..	..	..	..	..	..	813.84	..	..	..	..
34. Switzerland	..	..	..	..	..	..	..	..	..	..	..	..	..
35. Saudi Arabia	..	..	..	..	0.07	..	..	..	0.07	..	..	..	..
36. Sweeden	1984	213.29	..	..	0.22	..	..	..	213.51	..	..	6000	102.39
37. Tanzania	..	..	..	..	..	..	..	..	1211.19	..	..	..	..
38. Yugoslavia	1295	126.02	..	..	..	..	..	..	126.02	..	..	..	..
39. A.R.E.	..	..	..	..	..	..	..	..	..	..	..	..	..
40. U.A.E.	..	..	..	..	..	..	..	..	..	..	..	..	..
41. U.A.R.	..	..	..	..	..	..	..	..	..	..	..	..	..
42. U.K.	644	66.32	..	..	0.05	..	1	0.95	92.97	..	..	..	..
43. U.S.A.	638	89.47	..	..	10.28	0.08	1	0.13	493.23	..	..	37727	905.04
44. U.S.S.R.	..	..	..	..	..	..	..	..	363.74	..	..	..	..
45. Other Countries	110	11.61	..	..	0.12	..	..	..	1266.41	..	..	..	..
Total	22118	2536.46	..	..	11.18	0.71	7	4.90	7401.96	..	..	43773	1008.60

(Contd....)

Table 14.4.5. (Contd.)

Country	Gums and resins		Hardware and cutlery	Liquors		Machinery and mill work	Manures		Metals, minerals and ores		Kerosine oil		Total
	Qty. (M.T.)	Value	Value	Qty. ('000ltr.)	Value	Value	Qty. (M.T.)	Value	Qty. (M.T.)	Value	Qty. ('000 ltr.)	Value	
(1)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
1. Austria	0.25	..	..	..	..	..	..	0.25
2. Australia	1.61	..	..	10187	114.63	..	..	116.24
3. Africa
4. Belgium	22.24	..	..	593	23.86	..	..	46.11
5. Bulgaria
6. Burma
7. Canada	6.54	17315	112.81	11610	185.11	..	..	304.46
8. Czechoslovakia	0.28	..	..	41141	77.35	..	..	77.63
9. Denmark	45.98	..	..	..	..	..	..	45.98
10. France	1	0.09	..	..	..	21.62	..	..	..	..	..	..	21.71
11. Finland
12. Germany East	1.87	13030	84.92	..	..	..	..	86.79
13. Germany West	2	0.36	..	..	..	910.05	28584	181.71	370	71.99	..	..	1164.11
14. Holland
15. Hungary
16. Hongkong	0.51	..	..	1	0.56	..	..	1.07
17. Iran
18. Iraq	21750	106.51	20200	97.47	..	..	203.98
19. Italy	89.28	..	..	4	2.88	..	..	92.16
20. Japan	19	1.10	..	..	..	154.36	..	..	4276	2012.42	..	..	357.88
21. Kenya
22. Morocco	54610	247.75	49886	420.66	..	..	668.41
23. Malasia	76	8.57	..	..	8.57
24. Muscat
25. Netherland	1	0.32	..	..	..	12.92	..	..	1	0.30	..	..	13.54
26. Norway	36.90	..	..	..	..	..	..	36.90
27. Poland	29800	110.24	..	..	110.24
28. Portugal
29. Pakistan
30. Persian gulf
31. Rumenia
32. Singapore	4.89	..	..	775	56.74	..	..	62.79
33. Sudan
34. Switzerland	5.44	..	..	..	..	..	..	5.44
35. Saudi Arabia	12185	439.33	..	..	..	..	439.33
36. Sweeden	255.92	..	..	3	0.37	..	..	358.68
37. Tanzania
38. Yugoslavia
39. A.R.E.
40. U.A.E.
41. U.A.R.
42. U.K.	1	0.13	365.77	..	..	514	34.66	..	..	400.56
43. U.S.A.	233.06	27	1.16	140	24.15	..	..	1163.41
44. U.S.S.R.	23.30	..	..	..	..	..	..	23.30
45. Other Countries	87.07	7912	101.77	64901	248.14	..	..	436.98
Total	23	1.87	..	1	0.13	2279.86	155413	1275.96	197478	1680.10	..	..	6246.52

(Contd...)

Table 14.4.5. (Contd.)

Country	Lubricating Oil		Other Mineral Oil Including Fuel Oil		Other Vegetable Oil		Other Kinds of Oil		Prints and Colour	
	Qty. ('000 ltr.)	Value	Qty. ('000 ltr.)	Value	Qty. ('000 ltr.)	Value	Qty. ('000 ltr.)	Value	Value	
(1)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	
1. Austria	
2. Australia	
3. Africa	
4. Belgium	9	0.56	..	..	..	..	..
5. Bulgaria	
6. Burma	
7. Canada	
8. Czechoslovakia	
9. Denmark	
10. France	
11. Finland	
12. Germany East	
13. Germany West	
14. Holland	
15. Hungary	
16. Hongkong	
17. Iran	
18. Iraq	
19. Italy	
20. Japan	
21. Kenya	
22. Morocco	
23. Malasia	
24. Muscat	5	0.69	..	
25. Netherland	
26. Norway	
27. Poland	
28. Portugal	
29. Pakistan	
30. Persian gulf	
31. Rumenia	47	3.61	..	..	..
32. Singapore	
33. Sudan	
34. Switzerland	
35. Saudi Arabia	
36. Sweeden	
37. Tanzania	
38. Yugoslavia	
39. A.R.E.	
40. U.A.E.	
41. U.A.R.	
42. U.K.	3101	308.52	..	..	..
43. U.S.A.	..	361	0.02	..	..	..	..	..	..
44. U.S.S.R.	
45. Other Countries	2820004	22214.97	1	0.35	2	1.43	..	
Total	..	361	0.02	2820013	22215.53	3149	312.48	7	2.12	..

(Contd.....)

Table 14.4.5. (Contd.)

Country	Paper and Paste Board		Provision and Oil		Rubber Raw		Rubber Manufacture	Tobacco Manufacture	Others	Total	
	Qty. (M.T.)	Value	Qty.(M.T.)	Value	Qty.(M.T.)	Value	Value	Value	Value		
(1)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	
1. Austria	0.25	
2. Australia	6.22	147.75	
3. Africa	13.73	
4. Belgium	..	24	3.63	..	..	213	14.25	..	13.61	79.16
5. Bulgaria	5.68	
6. Burma	
7. Canada	..	14216	479.83	..	..	56	4.65	..	57.40	1119.33
8. Czechoslovakia	77.63	
9. Denmark	0.85	46.86	
10. France	..	1	0.05	..	..	38	2.44	0.10	9.93	51.66
11. Finland	..	122	5.54	..	..	..	..	..	45.65	85.88
12. Germany East	86.79	
13. Germany West	..	99	4.28	..	..	..	..	0.35	8.62	1371.95
14. Holland	
15. Hungary	17.64	
16. Hongkong	0.48	..	0.19	2.44	
17. Iran	90.97	
18. Iraq	341.51	
19. Italy	0.04	..	7.77	1084.38	
20. Japan	..	78	22.95	..	..	53	3.38	2.00	87.39	1018.80
21. Kenya	2.87	
22. Morocco	11.21	879.18	
23. Malasia	1.67	15.58	
24. Muscat	
25. Netherland	..	15	2.55	..	..	89	6.67	..	136.06	61.47
26. Norway	..	1	0.17	..	..	..	..	0.05	20.77	97.47
27. Poland	..	5	0.11	..	..	..	..	..	..	320.45
28. Portugal	
29. Pakistan	
30. Persian gulf	
31. Rumenia	
32. Singapore	0.14	..	8.73	89.81	
33. Sudan	813.84	
34. Switzerland	0.10	5.54	
35. Saudi Arabia	0.07	439.47	
36. Sweeden	..	103	3.75	..	..	..	..	..	3.86	579.80
37. Tanzania	1211.19	
38. Yugoslavia	12.23	138.25	
39. A.R.E.	
40. U.A.E.	0.01	0.01	
41. U.A.R.	
42. U.K.	..	7	1.20	..	..	..	..	0.56	8.13	503.54
43. U.S.A.	..	482	20.10	..	..	123	10.36	0.01	726.23	2721.88
44. U.S.S.R.	..	4078	115.45	..	..	..	..	..	..	502.49
45. Other Countries	..	681	20.38	..	..	..	..	..	4.23	23945.80
Total	..	19912	675.99	572	41.75	3.73	0.12	1070.93	37971.08

Source: Bureau of Economics and Statistics

14.5. Foreign exports from the ports of Kerala - selected commodities - country-wise for the year 1977-1978
(July - June)

Country to which exported	Bricks and Tiles		Cardamom		Cashew Kernels		Cashew Shell Liquid		Coffee	
	Quantity (1000 Nos.)	Value (Rs. in lakhs)	Quantity (Qntl.)	Value (lakhs)	Quantity (M.T.)	Value (lakhs)	Quantity (1000 ltrs.)	Value (lakhs)	Quantity (M.T.)	Value (lakhs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. Algeria
2. Australia	2340	483.29	155	7.58	906	249.78
3. Austria	87	30.98
4. Beherin Island
5. Belgium	78	7.83	57	7.92	75	6.42	84	29.06
6. Bulgaria	50	9.20
7. Canada	34	6.26	775	316.67	..	..	105	26.51
8. Czechoslovakia	30	3.60	147	55.44	..	..	..	..
9. Denmark	48	13.88
10. Ethiopia
11. Finland	55	3.92	..	..	..	..	110	35.95
12. France	190	65.44	..	..	753	271.30
13. Germany East	420	46.17	..	..	..	..	..	..
14. Germany West	314	23.13	343	118.40	82	4.41	1401	534.93
15. Greece	9	4.03	..	..	812	257.34
16. Hongkong	526	183.29	..	..	..	..
17. Hungary
18. Iran	44	19.47	..	..	..	..
19. Iraq	110	34.58
20. Irish Republic
21. Italy	51	2.46	652	216.26
22. Japan	632	53.04	2872	1067.90	417	16.98	774	281.32
23. Jordan	30	5.13	34	8.93	..	..	12	3.48
24. Kuwait	552	5.60	65	11.31	290	112.21	..	..	53	21.34
25. Labanon	35	15.07	..	..	..	..
26. Libia
27. Malasia
28. Netherland	10	11.53	855	272.39	..	..	1859	616.41
29. Newzeland	32	12.28	..	..	58	14.84
30. Norway	10	0.89	..	..	..	..	136	40.97
31. Poland
32. Qatar & Trucial
33. Rumania
34. Saudi Arabia	425	82.92	60	24.75	..	..	30	12.78
35. Singapore	1	0.10	134	36.70	..	..	3	0.97
36. Spain	12	1.79	..	..	10	2.66
37. Sudan
38. Sweeden	16	1.71	13	3.04	..	..	..	..
39. Switzerland	36	14.10	..	..	..	..
40. Tunissia
41. Turkey
42. U.A.R.
43. United Kingdom	79	9.32	380	124.62	892	37.95	101	31.77
44. U.S.A.	31	3.82	4663	1698.14	413	22.47	5585	1669.92
45. U.S.S.R.	405	49.63	14195	5372.70	..	..	..	..
46. Yugoslavia	33	10.42	30	2.05	100	32.59
47. Somalia Republic
48. Other Countries	266	1.97	818	137.09	213	60.30	427	25.08	10	3.42
Total	818	7.57	3453	457.40	28288	10089.30	2542	125.40	13849	4442.24

(Contd....)

(14.5. Contd.)

Country to which exported	Coir yarn and fibre		Coir products		Cordage and rope of vegetable fibre		Fish and prawns	
	Quantity (M.T.)	Value (lakhs)	Quantity (M.T.)	Value (lakhs)	Quantity (M.T.)	Value (lakhs)	Quantity (M.T.)	Value (lakhs)
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1. Algeria	70	2.89	2	0.12	..	..	..	..
2. Austria	50	2.06	1453	91.41	116	4.84	424	158.21
3. Australia	..	..	38	3.34	..	..	..	..
4. Beherin Island	..	..	17	0.68	..	..	..	..
5. Belgium	1055	42.39	1100	89.10	12	0.49	464	92.50
6. Bulgaria	145	3.49	..	..	..	..	..	..
7. Canada	158	6.44	542	38.55	34	0.93	..	..
8. Czechoslovakia	..	..	..	..	..	..	..	..
9. Denmark	88	3.77	1988	153.22	3	0.13	166	34.45
10. Ethiopia	..	..	..	..	..	..	..	..
11. Finland	9	0.39	18	1.38	..	..	..	..
12. France	6489	261.58	1070	70.43	90	3.42	1016	226.61
13. Germany East	323	15.16	2	0.22	..	..	24	12.02
14. Germany West	2619	126.44	1401	117.31	..	..	19	5.24
15. Greece	113	5.37	371	34.03	5	0.24	..	..
16. Hongkong	..	..	21	1.25	5	0.22	34	11.30
17. Hungary	..	..	..	..	..	..	..	..
18. Iran	7	0.31	..	..	..	..	..	..
19. Iraq	..	..	249	17.60	..	..	..	..
20. Irish Republic	..	..	31	2.11	28	1.11	..	..
21. Italy	2436	94.80	686	64.76	23	0.92	134	7.64
22. Japan	61	2.48	252	17.58	84	3.10	13729	4602.76
23. Jordan	..	..	9	0.82	29	1.28	..	..
24. Kuwait	166	5.13	26	12.57	..	..	2	0.50
25. Labanon	..	..	35	2.68	11	0.64	..	..
26. Libia	61	2.45	2	0.30	..	..	..	..
27. Malasia	6	0.23	4	0.34	..	..	..	..
28. Netherland	3020	124.52	472	41.27	33	1.36	613	96.92
29. Newzeland	26	0.95	63	4.55	25	1.28	1	0.70
30. Norway	43	1.97	25	2.18	..	..	..	..
31. Poland	172	5.73	..	..	..	..	..	..
32. Qatar & Trucial	4	0.17	..	..	..	..	..	..
33. Rumania	..	..	..	..	..	..	..	..
34. Saudi Arabia	50	2.05	6	0.62	..	..	12	5.91
35. Singapore	1	0.44	25	1.84	..	..	..	..
36. Spain	487	19.35	..	..	..	..	15	2.24
37. Sudan	..	..	..	..	..	..	..	..
38. Sweeden	78	2.90	184	11.37	20	0.87	..	..
39. Switzerland	208	8.81	19	1.26	..	..	..	..
40. Tunissia	..	..	..	..	..	..	..	..
41. Turkey	28	1.19	..	..	..	..	..	..
42. U. A. R.	..	..	6	0.44	15	0.69	..	..
43. United Kingdom	956	38.92	3141	213.61	335	12.98	174	64.28
44. U. S. A.	3198	115.84	4142	322.54	582	15.87	17575	2951.19
45. U. S. S. R.	..	..	1297	94.08	..	..	..	..
46. Yugoslavia	204	10.17	29	2.65	..	..	35	18.48
47. Somalia Republic	..	..	3	0.19	..	..	..	..
48. Other countries	1899	76.81	580	46.20	371	19.34	2	0.50
Total	24230	985.20	19543	1462.60	1821	69.71	34439	8290.82

(Contd...)

14.5. (Contd...)

Country to which exported	Ginger		Hides and Skins		Jute and Jute products		Metals, Minerals and Ores		Manioc Meals		Lemongrass Oil		
	Qty. M.T.	Value lakhs	Qty. M.T.	Value lakhs	Qty. M. T.	Value lakhs	Qty. M. T.	Value lakhs	Qty. M. T.	Value lakhs	Qty. 1000 litres	Value lakhs	
(1)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	
1. Algeria	
2. Australia	..	45	6.99	272	7.07	1	0.13	326	21.72	..	..	3	2.22
3. Austria	300	21.16	..	..	..	..
4. Beherin Island	23	0.31	..	..	..	..
5. Belgium	..	23	3.62	..	..	..	..	59	7.96	..	..	..	..
6. Bulgaria
7. Canada	..	96	13.78	..	..	..	..	651	36.82	..	..	..	..
8. Czechoslovakia	..	58	8.45	..	..	..	..	..	..	..	..	..	..
9. Denmark	..	3	0.31	..	..	1	0.12	1	0.02	..	..	..	..
10. Ethiopia
11. Finland	..	10	1.50	..	..	..	..	150	0.46	..	..	..	..
12. France	..	66	9.49	..	..	..	..	631	4.57	..	..	1	0.30
13. Germany East	..	34	4.50	..	..	..	..	..	..	..	..	..	..
14. Germany West	..	525	72.37	..	..	1	0.12	24878	74.36	..	..	1	0.76
15. Greece	..	2	0.27	..	..	..	..	165	10.19	..	..	..	..
16. Hongkong	..	15	2.26	..	..	..	..	..	..	..	..	2	1.47
17. Hungary	..	9	1.30	..	..	..	..	1	0.43	..	..	2	1.44
18. Iran	..	10	1.22	..	..	..	..	1780	45.89	..	..	..	..
19. Iraq	590	7.02	..	..	..	..
20. Irish Republic
21. Italy	..	6	0.89	..	..	1	0.14	1	0.22	..	..	..	..
22. Japan	..	372	58.06	..	..	..	..	62535	190.38	..	..	..	..
23. Jordan
24. Kuwait	..	49	6.44	..	..	..	..	32	0.88	..	..	..	..
25. Labanon
26. Libia	1869	330.58	..	..	..	..
27. Malasia	1	0.06	..	..	..	..
28. Netherland	..	164	21.71	..	..	..	..	313	5.31	..	..	..	..
29. Newzeland	..	28	4.10	..	..	..	..	14	0.74	..	..	..	..
30. Norway	..	3	0.42	..	..	..	..	8	1.17	..	..	..	..
31. Poland
32. Qatar & Trucial
33. Rumenia
34. Saudi Arabia	..	586	86.17	10	1.37	..	..	..	..	..	..	..	..
35. Singapore	..	404	55.65	..	..	..	..	6	1.36	..	..	..	..
36. Spain	..	2	0.36	..	..	..	..	..	..	2	1.05	..	..
37. Sudan	..	5	0.82	..	..	..	..	..	..	..	..	..	..
38. Sweeden	..	30	4.33	..	..	..	..	..	..	..	..	..	..
39. Switzerland	..	1	0.13	..	..	..	..	6	0.35	..	..	..	..
40. Tunissia
41. Turkey
42. U. A. R.	..	300	39.58	..	..	..	..	..	..	..	..	..	..
43. United Kingdom	..	584	91.29	11	2.89	..	..	691	31.02	..	..	4	2.78
44. U. S. A.	..	1260	180.39	..	..	..	..	1956	78.97	..	..	17	10.07
45. U. S. S. R.	..	160	21.67	..	..	..	..	..	..	..	..	25	16.55
46. Yugoslavia	58	4.55	..	..	..	..
47. Somalia Republic	..	5	0.73	..	..	..	..	..	..	..	..	..	..
48. Other countries	..	1553	227.22	..	..	14	1.87	13197	235.80	..	..	..	..
Total	..	6409	926.02	293	11.33	18	2.38	110242	1112.30	2	1.05	55	35.59

(Contd...)

14.5. (Contd.)

Country to which exported	Sandlewood Oil		Other Vegetable Oil		Oil Cake		Pepper		Rubber Manufactures		Tea	
	Quantity (100 Ltrs.)	Value lakhs	Quantity (100 Ltrs.)	Value lakhs	Quantity	Value lakhs	Quantity M.T.	Value lakhs	Quantity M.T.	Value lakhs	Quantity M.T.	Value lakhs
(1)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)
1. Algeria	1.62	..	..
2. Australia	58	11.65	..	..	519	117.95
3. Austria	99	21.82
4. Baherin Islands	1	0.18	..	..	..	..
5. Belgium	21	6.61	..	..	1	0.14
6. Bulgaria	300	58.49	..	..	..	..
7. Canada	748	151.87	..	..	697	155.76
8. Czechoslovakia	1021	200.31	..	..	..	..
9. Denmark	8	1.66	..	..	4	0.69
10. Ethiopia
11. Finland
12. France	..	3	4.59	..	..	..	155	32.20	..	..	28	7.47
13. Germany East	535	101.07	..	..	10	2.10
14. Germany West	..	1	3.14	..	..	..	309	71.71	..	..	80	20.57
15. Greece	4	0.68	..	..	..	..
16. Hongkong
17. Hungary	25	5.25	..	..	60	9.84
18. Iran	35	2.73	..	3.04	259	52.93
19. Iraq	26	1.08	..	..	..	..	..	2828	713.58
20. Irish Republic	164	48.00
21. Italy	948	166.75	..	..	..	..
22. Japan	..	1	1.08	..	..	..	78	14.33	..	..	183	44.25
23. Jordan	406	66.34
24. Kuwait	38	4.78	..	79.90	44	9.96
25. Labanon
26. Libia	363	64.78	3	..	..	..
27. Malasia
28. Netherland	8	4.56	..	..	89	23.00
29. Newzeland	2	0.50	..	..	3	2.00
30. Norway	5	1.00	..	..	..	..
31. Poland	1083	239.44	..	..	1483	289.82
32. Qatar and Trucial
33. Rumenia
34. Saudi Arabia	77	18.42	..	1.68	5	1.08
35. Singapore	278	31.32	..	..	..	..
36. Spain	12	2.62	..	..	..	..
37. Sudan	3	0.63	..	..	9411	1686.17
38. Sweeden	5	3.69	..	..	1	0.22
39. Switzerland	..	1	1.54	..	..	..	5	2.57	..	..	1	0.18
40. Tunissia	1623	777.17
41. Turkey
42. U. A. R.
43. United Kingdom	..	1	1.07	2	2.45	..	69	14.96	..	1.59	1880	442.64
44. U. S. A.	..	35	38.05	1	8.24	..	2389	567.74	2	0.86	1109	328.96
45. U. S. S. R.	11136	2194.83	..	10.75	19616	4199.65
46. Yugoslavia	880	180.49	..	15.75	..	..
47. Somalia Republic
48. Other Countries	39	8.50	..	913	181.07	..	33.09	7309	1488.62
Total	..	42	49.47	68	20.27	..	21512	4338.89	N.A.	148.28	47912	10510.91

(Contd....)

(Table 14.5. Contd.)

Country to which exported	Turmeric		Rosewood		Other kinds of wood		Wood Manufactures		Others		Total
	Quantity (M.T.)	Value (lakhs)	Quantity (M.T.)	Value (lakhs)	Quantity (M.T.)	Value (lakhs)	Quantity (M.T.)	Value (lakhs)	Quantity (M.T.)	Value (lakhs)	
(1)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)
1. Algeria	4.63
2. Australia	..	57	9.75	..	0.99	..	0.34	..	2.01	..	1658.49
3. Austria	0.43	77.73
4. Beherin Islands	4.62	..	13.24	..	27.07
5. Belgium	10.44	..	0.79	..	0.74	..	330.91
6. Bulgaria	7.34	78.52
7. Canada	..	138	16.77	..	0.02	..	..	..	1.05	..	814.51
8. Czechoslovakia	0.38	..	270.43
9. Denmark	4.66	..	0.84	..	3.52	..	242.01
10. Ethiopia
11. Finland	0.60	..	0.30	..	49.45
12. France	..	105	10.71	..	13.58	..	..	..	3.48	..	1056.38
13. Germany East	0.63	..	..	..	..	19.07	200.94
14. Germany West	..	33	2.87	..	64.08	..	6.23	..	35.24	..	1687.08
15. Greece	1.93	..	315.63
16. Hongkong	4.36	..	8.37	..	2.51	..	231.03
17. Hungary	00.04	..	27.50
18. Iran	29.60	155.19
19. Iraq	..	110	12.85	..	..	..	37.48	..	42.32	..	886.21
20. Irish Republic	51.22
21. Italy	55.52	..	0.42	..	1.11	..	682.04
22. Japan	..	232	23.53	..	498.40	..	3.36	..	19.41	..	7498.85
23. Jordan	0.62	86.60
24. Kuwait	..	1	0.08	..	..	..	14.84	..	4.46	..	318.20
25. Labanon	18.39
26. Libia	..	20	2.24	..	..	..	..	..	0.36	..	494.32
27. Malasia	0.21	..	5.06
28. Netherland	14.83	..	0.42	..	9.99	..	1311.39
29. Newzeland	0.09	..	..	..	0.04	..	60.14
30. Norway	2.04	..	..	..	0.21	..	58.39
31. Poland	7.24	542.23
32. Qatar and Trucial	2.79	..	0.52	..	26.04
33. Rumenia	2.56	..	2.56
34. Saudi Arabia	2.83	..	0.60	..	271.35
35. Singapore	..	273	23.87	..	1.97	..	0.43	..	2.54	..	225.95
36. Spain	10.11	..	1.87	..	1.38	..	51.77
37. Sudan	2.39	1690.01
38. Sweeden	10.93	..	5.00	..	15.09	..	170.84
39. Switzerland	0.10	..	..	..	0.18	..	35.50
40. Tunissia	777.17
41. Turkey	1.19
42. U. A. R.	2.74	43.45
43. United Kingdom	..	110	12.05	..	10.74	..	0.05	..	3.84	..	1535.16
44. U. S. A.	..	1521	149.38	..	16.78	..	14.74	..	27.61	..	8665.74
45. U. S. S. R.	45.41	..	25.65	..	8.51	..	12252.12
46. Yugoslavia	22.10	299.25
47. Somalia Republic	1.11	..	2.13
48. Other Countries	..	55	5.59	..	7.35	..	72.19	..	38.53	..	3017.14
Total	..	2655	269.69	N. A.	773.03	N. A.	203.86	N.A.	245.02	N. A.	48307.91

Articles	Maharashtra		Gujarat		West Bengal		Other Indian States		Total			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
	Quantity	Value (Rs.)	Quantity	Value (Rs.)	Quantity	Value (Rs.)	Quantity	Value (Rs.)	Quantity	Value (Rs.)	Quantity	Value (Rs.)
1. Batteries & accumulators	Qtl.	..	..	..	..	..	..	..	..	..	5	4000
2. Building and construction Materials—												
Cement	26060	2110000	..	..	..	..	..	27558	1202000	53618	3312000	
Others	..	810586	..	..	..	..	..	..	654389	..	1464975	
3. Cereals and Flour thereof												
Rice	Qtl.	..	..	..	..	..	..	30795	5015148	30795	5015148	
Wheat	..	..	..	..	..	..	..	906	158615	906	158615	
Others	..	..	..	..	..	..	..	891	162440	891	162440	
4. Chemicals and chemical materials	..	18392	5526793	..	..	..	..	135	29635	18527	5556428	
5. Cordage ropes and manufactures thereof	..	253	68106	..	..	..	..	..	..	253	68106	
6. Cotton—Piece goods	..	..	..	..	..	..	..	2	1625	2	1625	
7. Crude vegetable materials	..	137	38250	..	..	..	..	29	4420	166	42670	
8. Feeding stuff for animals	..	1423	632045	..	..	..	..	723	69213	2146	701258	
9. Fertilizers, manufactured	..	1240	175821	..	..	..	..	32	3300	1272	179121	
10. Fish and Fish preparations	..	..	..	..	..	..	..	3	3790	3	3790	
11. Fruits and vegetables—												
Coconuts	Nos.	108900	77680	..	..	..	..	..	..	108900	77680	
Others	Qtl.	..	120	..	..	..	..	750	239359	750	239479	
12. Furniture	Val.	..	305	..	..	..	..	..	35754	..	36059	
13. Gram, pulses and flour thereof	Qtl.	..	..	..	..	..	..	420	107200	420	107200	
14. Jute manufactures	Val.	..	55882	..	..	..	..	..	..	..	55882	
15. Machinery	..	..	250	..	..	..	..	..	1372117	..	1372367	
16. Medicinal and pharmaceutical products	Qtl.	172	26940	..	..	..	..	137	132830	309	159770	
17. Metals—Iron and Steel	..	45011	16383300	..	..	..	..	2484	600167	47495	16983467	
18. Non-ferrous metals	..	9114	6833100	..	..	..	..	1162	862946	10276	7696046	
19. Metal manufactures	..	30	13000	..	..	..	..	677	642840	707	655840	
20. Metalliferous ores	..	3293	1504927	..	..	..	..	..	..	..	1504927	
21. Oil cakes	..	..	..	..	..	..	..	393	43500	393	43500	

(Contd....)

14.7. Coast-wise Imports into Cochin from July 1975 to June 1976

Articles	Maharashtra			Gujarat			West Bengal			Other Indian States			Total			
	Qty.	Value (Rs.)	(2)	Qty.	Value (Rs.)	(4)	Qty.	Value (Rs.)	(6)	Qty.	Value (Rs.)	(8)		Qty.	Value (Rs.)	(10)	Value (Rs.)	(11)
1. Building and construction materials	..	..	..	205	30500	..	..	..	..	..	..	40	16080	245	46580
2. Cereals and flour there of	..	..	..	..	..	..	..	..	..	..	..	889	136800	889	136800
Others	..	..	..	..	..	..	..	..	..	..	..	99	25600	99	25600
3. Chemical and chemical materials	250	10000	..	81214	9867564	..	..	..	..	..	..	..	..	81464	9967564
4. Cotton-Raw	226	351086	..	..	..	..	..	..	..	..	..	..	..	226	351086
5. Manufactures	2600	398608	..	..	..	..	..	..	..	..	..	..	..	2600	398608
6. Crude vegetable materials	2106	366720	..	..	..	..	..	..	..	..	..	8	180	2114	366900
7. Fertilisers, manufactured	..	..	..	11394	6036400	..	..	..	..	..	..	746	527050	11394	6036400
8. Fish and fish preparations	..	..	..	..	..	..	..	..	..	..	..	..	..	746	527050
9. Fruits and vegetables:	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Coconuts	..	..	..	..	..	..	..	..	..	..	..	148900	136625	148900	136625
Others	..	..	..	..	35198	..	..	..	..	..	..	..	245000	..	280198
10. Gram, pulses and flour there of	79	16019	..	181	31913	..	..	..	..	..	..	18	3820	278	51752
11. Machinery and mill work	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12. Metals - Iron and steel	13	4850	..	..	..	..	..	..	..	..	..	11	110000	..	110000
13. Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..	..	..	24	9650
14. Metal manufactures	..	..	..	19	5500	..	..	..	..	..	..	..	..	19	5500
15. Metalliferous ores	182	29114	..	25	12500	..	..	..	..	..	..	664	102908	871	144522
16. Mineral fuel and lubricants-coal	..	..	..	7883	3863948	..	..	..	..	..	..	..	..	7883	3863948
17. Mineral grease	..	..	..	..	..	..	125737	11316330	..	..	..	..	..	125737	11316330
18. Oil seeds oil nuts etc.	16	4800	..	..	..	..	..	..	..	..	..	..	..	16	4800
19. Paper and paste board & manufactures	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Copra	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Others	3	515	..	118	23790	..	..	..	..	..	..	1328	737965	1328	737965
there of	3	500	..	..	..	..	..	..	..	..	..	16	6100	19	6600
20. Petroleum and petroleum products:	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Asphalt and pitch	20259	21686645	..	..	..	..	..	..	..	..	..	..	..	20259	21686645
Mineral oils	24731290	8150991	..	..	..	..	2122500	358872	..	..	..	17048611	2954036	43902401	11463899
21. Rubber, crude	200000	1626000	..	..	..	..	..	..	..	..	..	..	..	200000	1626000
22. Salt	..	..	..	13687	1624932	..	..	..	..	..	..	..	..	13687	1624932
23. Spices	11	4495	..	15	3750	..	..	..	..	..	..	..	..	26	8245
24. Sugar and sugar preparation	1	275	..	..	..	..	..	..	..	..	..	..	..	1	275
25. Vegetable oils and facts	..	660	..	..	6098676	..	..	..	..	..	..	..	..	..	6099336
26. Vehicles	..	210000	..	..	..	..	..	..	..	..	..	..	28000	..	238000
27. Waxes	19	6400	..	..	..	..	..	..	..	..	..	..	..	19	6400
28. Wood and timber	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1875
29. Sundries	..	82123	..	..	21800	..	..	..	..	..	..	..	204280	..	308203
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	77612593

14.8. Coast-wise exports from Cochin from July 1976 to June 1977

Articles	Maharashtra			Gujarat			West Bengal			Other Indian States			Total				
	Qty.	Value (Rs.)	(3)	Value (Rs.)	(4)	Value (Rs.)	(5)	Qty.	Value (Rs.)	(6)	Value (Rs.)	(7)		Qty.	Value (Rs.)	(8)	Value (Rs.)	(9)
1. Batteries and accumulators	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1200
2. Building and construction materials:																	
Cement	21500	1876000	..	..	..	..	..	11440	356800	..	..	..	..	..	..	..	2232800
Others	..	..	..	1500	..	..	..	..	583832	..	..	..	..	..	..	..	585332
3. Cereals and flour thereof																	
Rice	..	..	..	..	..	..	..	34810	6006243	..	..	..	..	..	..	..	6006243
Wheat	..	..	..	..	..	..	..	761	84530	..	..	..	..	..	..	..	84530
Others	..	..	..	..	..	..	..	67	15480	..	..	..	..	..	..	..	15480
4. Chemicals and chemical materials	12095	3833230	..	..	..	..	..	285	28915	..	..	..	..	..	..	..	3862145
5. Cordage, ropes and manufactures thereof	129	28784	..	..	..	..	..	39	15080	..	..	..	..	..	..	..	43864
6. Crude vegetable materials	21	4500	..	..	..	..	..	54	51750	..	..	..	..	..	..	..	56250
7. Feeding stuff for animals	..	..	..	..	..	..	..	2225	217924	..	..	..	..	..	..	..	217924
8. Fertilisers, manufactured	2565	433983	..	..	..	..	..	2335	722756	..	..	..	..	..	..	..	1156739
9. Fruits and vegetables	..	..	..	..	..	..	..	1272	246665	..	..	..	..	..	..	..	246665
10. Furniture	..	..	..	..	..	..	..	..	183764	..	..	..	..	..	..	..	183764
11. Gram, pulses and flour thereof	..	..	..	..	..	..	..	1477	141350	..	..	..	..	..	..	..	141350
12. Machinery and parts	..	..	..	..	742296	..	..	..	1588836	..	..	..	..	..	..	..	2331132
13. Medicinal and pharmaceutical products	..	..	..	..	..	..	..	..	304869	..	..	..	..	..	..	..	304869
14. Metals-Iron and steel	..	..	..	..	..	..	..	7630	847843	..	..	..	..	..	..	..	847843
Non-ferrous metals	668	1159079	..	..	..	..	..	44	39123	..	..	..	..	..	..	..	1196202
15. Metals manufactures	..	..	..	..	..	..	..	624	453517	..	..	..	..	..	..	..	453517
16. Oils -Vegetable oils	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cashew shell oil	208237	471195	..	..	..	..	..	900	9000	..	..	..	..	..	..	..	480195
Coconut oil	..	..	..	..	..	..	..	2930	19720	..	..	..	..	..	..	..	19720
Groundnut oil	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Others	6787	3547300	..	..	..	..	..	14297	139350	..	..	..	..	..	..	..	139350
17. Oilseeds, oilnuts etc. Copra	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18. Paints, varnishes and related materials	..	..	..	..	..	..	..	..	65295	..	..	..	..	..	..	..	3547300
19. Paper and paste board	..	2000	..	..	..	..	..	10	13000	..	..	..	..	..	..	..	67295
20. Paper manufacturers	..	..	..	..	..	..	..	61	60000	..	..	..	..	..	..	..	13000
21. Petroleum and petroleum products	..	30656689	..	..	..	..	..	..	179467752	..	..	..	..	..	..	..	60000
22. Rubber, crude	4388048	26810410	..	61139663	12825151	..	..	..	..	..	..	..	..	..	..	..	284089255
23. Rubber manufactured	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26810410
24. Salt	..	..	..	..	..	..	..	94	40234	..	..	..	..	..	..	..	40234
25. Spices	..	..	..	..	..	..	..	421	5930	..	..	..	..	..	..	..	5930
26. Stationery	..	..	..	..	..	..	..	1344	423600	..	..	..	..	..	..	..	423600
27. Stone, sand and gravel	..	..	..	..	..	..	..	..	1040457	..	..	..	..	..	..	..	1040457
28. Sugar and sugar preparations	7710	861486	..	..	..	..	..	12217	192811	..	..	..	..	..	..	..	1054297
29. Tea	..	..	..	..	..	..	..	9097	2003350	..	..	..	..	..	..	..	2003350
30. Vehicles and parts	..	..	..	..	..	..	..	3680	44000	..	..	..	..	..	..	..	44000
31. Wood and timber	..	..	..	..	..	..	..	..	1742965	..	..	..	..	..	..	..	1742965
32. Sundries	..	19150	..	..	..	..	..	..	990427	..	..	..	..	..	..	..	990427
Total	..	..	..	..	390698	..	..	..	1209239	..	..	..	..	..	..	..	344160721

14.9. Coast-wise imports into Cochin from July 1976 to June 1977

Articles	Maharashtra			Gujarat			West Bengal			Other Indian States			Total	
	Qty.	Value (Rs.)	Qty.	Value (Rs.)	Qty.	Value (Rs.)	Qty.	Value (Rs.)	Qty.	Value (Rs.)	Qty.	Value (Rs.)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
1. Building and construction materials	352	56976	..	..	..	..	..	..	..	..	352	56976
2. Chemicals and chemical materials	87723	8615057	..	..	..	..	..	..	..	..	87723	8615057
3. Cordage ropes and manufactures thereof "	165	42060	..	..	..	..	165	42060
4. Cotton-Raw	86	141000	..	..	..	..	..	..	..	..	..	..	86	141000
5. Manufactures	8	12200	..	..	..	..	8	12200
6. Fertilisers manufactured	9228	3820800	..	..	..	..	..	..	..	..	9228	3820800
7. Fish and fish preparation	496	148460	..	..	..	..	496	148460
8. Fruits and vegetables - coconuts	262400	262400	..	..	..	..	262400	262400
Others	269	70871	..	..	69	25300	..	..	..	..	338	96171
9. Gram, pulses and flour thereof	74	22605	..	..	..	..	..	..	..	..	74	22605
10. Machinery and parts	507250
11. Metals - Iron and steel	1260	272000	..	..	..	..	30	3000	..	..	..	..	1290	275000
12. Non-ferrous metals	1	500	..	..	..	..	1	500
13. Metal manufactures	659	102310	..	..	..	..	659	102310
14. Metalliferous ores	10187	4598386	..	..	..	..	..	..	..	..	10187	4598386
15. Mineral fuel and lubricants - coal	185982	16738380	..	..	..	..	..	..	185982	16738380
16. Oilseeds, oilnuts etc. - copra	717	477450	..	..	..	..	717	477450
17. Paper and paste board	300	..	..	..	..	..	300
18. Petroleum and petroleum products, Mineral oils	..	1435000	..	..	..	..	..	48600	..	..	..	..	..	1483600
19. Salt	5831	857995	..	..	..	..	..	..	..	..	5831	857995
20. Spices	317	99512	..	..	112	25100	..	..	..	..	429	124612
21. Vegetable oils and fats	5829	2687700	..	..	..	..	..	..	..	..	5829	2687700
22. Vehicles and Parts	50000	..	..	..	32650	..	..	..	..	..	82650
23. Sundries	400	..	..	..	12700	..	..	..	..	..	13100
Total	41166962

14.10. Coast-wise export from Cochin from July 1977 to June 1978

Articles	Maharashtra		Gujarat		West Bengal		Other Indian States		Total
	Qty.	Value (Rs.)	Value (Rs.)	Value (Rs.)	Qty.	Value (Rs.)	Qty.	Value (Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1. Batteries and accumulators					5	6000	5	6000	6000
2. Book and printed matter						90250		90250	90250
3. Building and construction materials - Cement					9010	438800	9010	438800	438800
Others						500932		500932	500932
4. Cereals and flour thereof						5145415		5145415	5145415
- Rice					31720	1060	31720	1060	158035
Wheat					1060	813185	3230	813185	813185
Others					334	99268	1306	693268	693268
5. Chemicals and chemical preparations	972	594000				354005	67	17290	354005
6. Cordage, ropes and manufactures thereof	67	17290			3480	42200	3480	1315058	1315058
7. Feeding stuff for animals	6900	1272858			385	3500	7285	3500	3500
8. Fertilisers manufactured					15	170050	15	170050	170050
9. Fish and fish preparations					889	335550	889	335550	335550
10. Fruits and vegetables					25	6100	25	6100	6100
11. Furniture						1507100		1507100	150700
12. Jute manufactures					233	284840	233	284840	284840
13. Machinery and parts					1082	236607	1082	236607	236607
14. Medicinal and pharmaceutical products					152	459486	174	503346	503346
15. Metals - Iron and steel	22	43860			1060	536178	1060	536178	536178
Non-ferrous metals						24700	3990	24700	24700
16. Metal manufactures	3990	24700			4130	39800	4130	39800	39800
17. Oils of facts - Vegetable - Cashew shell oil					2160	27014	2160	27014	27014
Coconut oil						161980		161980	161980
Groundnut oil					44	82130	44	82130	82130
Others					59	25000	59	25000	25000
18. Paints, varnishes and related materials						202667478		202667478	375625111
19. Paper manufactures						10092323		10092323	1510035
20. Petroleum and petroleum products	238733	38743973	124121337			13500	238733	13500	1510035
21. Rubber crude					720	16770	720	16770	16770
22. Rubber manufactured					451	145700	451	145700	145700
23. Salt					1571	744125	1571	744125	744600
24. Spices	1	475			3480	19057	6520	139997	139997
25. Stationery	3040	120940			6672	1256538	2115	26280	1256538
26. Stone, sand and gravel					2900	26280	2115	26280	26280
27. Sugar and sugar preparation						69700	11464	1318	1318
28. Tea	8564	21618				1420		21420	21420
29. Textile yarn and thread					424	216899	1132	2558554	2558554
30. Vehicles and parts	708	20000				41500		41500	41500
31. Wood and timber						1182270		1182270	1189470
32. Wood manufactures									
33. Sundries									
Total									396856926

14.12. Coast-wise exports from Cochin from July 1978 to June 1979

Articles	Maharashtra			Gujarat		West Bengal		Other Indian States		Total
	Qty.	Value (Rs.)	(3)	Value (Rs.)	Qty.	Value (Rs.)	Qty.	Value (Rs.)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
1. Batteries and accumulator	153	394810	153	394810	394810	
2. Betelnuts	26	3725	26	3725	3725	
3. Books and printed matter	4500	
4. Building and construction material-Cement	
5. Cereals and flour thereof	
Others	
Rice	
Wheat	
Others	666	407000	..	..	83	27000	1	1000	1000
6. Chemicals and chemical preparations	
7. Cordage, ropes and manufactures thereof	
8. Cotton waste	17	2550	17	2550	2550	
9. Crude vegetable materials	3490	397866	3490	397866	397866	
10. Feeding stuff for animals	810	136860	810	136860	136860	
11. Fertilisers, manufactured	1009	226690	1013	229690	229690	
12. Fruits and vegetables	4	3000	..	..	..	224865	..	..	224865
13. Furniture	671921	..	..	671921	
14. Instruments, apparatus and appliances	8330	50900	8330	50900	50900	
15. Lubricating oils	1323800	..	..	1323800	
16. Machinery and parts	120	103800	120	103800	103800	
17. Medicinal and pharmaceutical products	1046	396600	1046	396600	396600	
18. Metals - Iron and steel	515	420125	515	420125	420125	
Non-ferrous metals	628	416340	628	416340	416340	
19. Metal manufactures	1125	4650	1125	4650	4650	
20. Mineral grease	9918626	..	..	9918626	
21. Naphtha	326402	3400	20	3400	3400	
22. Oil cakes - Groundnut oil cake	
23. Oils and facts:	1995	15000	..	..	..	..	..	..	15000
Vegetable cashewnut shell liquid	
Coconut oil	9264	97400	9264	97400	97400	
Groundnut oil	6475	57090	6475	57090	57090	
Others	146690	..	..	146690	
24. Oil seeds, oil nuts etc.	70	60	70	60	60	
25. Paints, varnishes and related materials	64	66500	64	66500	66500	
26. Petroleum and petroleum products	206176827	..	..	322553420	
27. Plastic materials and manufacturers	9	17000	9	17000	17000	
28. Provisions	2493	746445	2493	746445	746445	
29. Rubber, crude	35000	255000	..	..	1330	23050	1330	23050	23050
30. Salt	1	480	1	480	480	
31. Spices	2485	722529	2485	722529	722529	
32. Stationery	6610	57607	6610	57607	57607	
33. Stone, sand and gravel	5807	1359961	5807	1359961	1359961	
34. Sugar and sugar preparations	4769	57720	4769	57720	57720	
35. Tea	1960	80000	1960	80000	80000	
36. Textile yarn and thread	2150	22669	2150	22669	22669	
37. Tobacco manufactured and unmanufactured	1129525	..	..	1129525	
38. Vehicles and parts	51	90262	..	..	277	410691	277	410691	500953
39. Wood and timber	5550	..	..	5550	
40. Wood manufactures	2231336	..	..	4683004	
41. Sundries	
Total	353874373	

Source: Annual report of Cochin chamber of commerce.

14.13. Coast-wise imports into Cochin from July 1978 to June 1979

Articles	Maharashtra		Gujarat		West Bengal		Other Indian States		Total	
	Qty.	Value (Rs.)	Qty.	Value (Rs.)	Qty.	Value (Rs.)	Qty.	Value (Rs.)	Qty.	Value (Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. Batteries and accumulators	360	..	360
2. Bricks and tiles	3000	..	3000
3. Building and construction materials	20	11600	20	11600
Cement	6675	..	6675
Others	120	31500	..	..	110	25600	235	57100
4. Cereals and flour thereof - Wheat	2190	..	2190
Others	62398	6450153	..	..	..	..	62398	6450153
5. Chemicals and chemical preparations
6. Cordage ropes and manufactures thereof	360	67180	360	67180
7. Cotton Raw	20	15093	..	..	..	..	..	..	20	15093
8. Cotton manufactured	717	559733	717	559733
9. Fish and Fish preparations	1	450	1	450
10. Fruits and vegetables	4620	..	4620
11. Glass and glass ware	45000	..	45000
12. Machinery and parts	80	..	80
13. Mats and matting	130	56750	130	56750
14. Metals - Iron and steel	552	72745	552	72745
15. Metal manufactures	13015	5933404	..	..	..	..	13015	5933404
16. Metalliferous ores	68934	6204060	..	..	68934	6204060
17. Mineral fuel and lubricants - coal	810	438164	810	438164
- Copra	370	94000	..	..	..	..	370	94000
Others	12317666	..	199841462
18. Petroleum and petroleum products	..	187523796	..	..	..	..	..	60460	..	60460
19. Provisions and oils manstores	117550	2093986	..	..	29310	556890	146860	2650876
20. Salt	800	..	800
21. Stationery	400	15000	400	15000
22. Stone, sand and gravel	9500	..	9500
23. Textiles, manufactured	265	..	265
24. Tobacco, manufactured	274434	2105500
25. Vegetable oils and facts	274434	2105500	..	..	..	..	..	760500
26. Vehicles and parts	225	..	225
27. Wood manufactures	1097	..	..	..	449865	..	5717078
28. Sundries	..	5266116	..	..	..	..	..	..	..	231185523
Total

14.14. Statement showing the number and tonnage of steamers and sailing vessels which called at the Intermediate and Minor ports of Kerala during 1978-79

Ports	Coastal		Steamers		Sailing Vessels		Total Number of Vessels	Total Tonnage
	Foreign		Number	Tonnage	Number	Tonnage		
(1)	(2)		(3)	(4)	(5)	(6)	(7)	(8)
INTERMEDIATE PORTS								
1. Alleppey	Coastal		..	..	..	..	..	..
	Foreign		5	25777	..	..	5	25777
2. Calicut	Coastal		11	14169	469	60803	480	74972
	Foreign		..	..	14	2794	14	2794
3. Neendakara	Coastal		..	..	..	..	..	..
	Foreign		9	48740	..	..	9	48740
MINOR PORTS								
4. Trivandrum	Coastal		..	..	..	..	..	..
	Foreign		..	..	..	..	..	..
5. Quilon	Coastal		..	..	..	..	..	..
	Foreign		..	..	..	..	..	..
6. Azhikode	Coastal		..	..	..	..	..	..
	Foreign		..	..	11	1286	11	1286
7. Ponnani	Coastal		..	..	..	..	..	..
	Foreign		..	..	..	..	..	..
8. Badagara	Coastal		..	..	..	..	..	..
	Foreign		..	..	..	..	..	..
9. Azhikkal	Coastal		..	..	153	16118	153	16118
	Foreign		..	..	..	..	..	..
10. Tellicherry	Coastal		..	..	..	..	..	..
	Foreign		..	..	..	..	..	..
11. Cannanore	Coastal		..	..	..	..	..	..
	Foreign		..	..	..	..	..	..
12. Kasargod	Coastal		11	14169	633	78207	644	92378
	Foreign		14	74517	14	2794	28	77311
			25	88686	647	81001	672	109687
			40	123104	894	99528	934	222992
Total for 1978-79								
Total for 1977-78								

Source: Director of Ports, Kerala

14.15 Statement showing the import and export tonnage of Cargo handled and Revenue collected at the Intermediate and Minor ports of Kerala during 1978-79

Ports	Import (Tonnes)			Export (Tonnes)			Total (Tonnes)			Revenue Earned During	
	Coastal	Foreign	Total	Coastal	Foreign	Total	Coastal	Foreign	Total	1977-78 (Rs.)	1978-79 (Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1. Alleppey	..	..	..	..	2777	2777	..	2777	2777	76087	42227
2. Calicut	5267	5021	10288	49279	18018	67297	54546	23039	77585	359445	289114
3. Neendakara	..	17440	17440	..	83150	83150	..	100590	100590	839724	827238
4. Trivandrum	..	..	..	..	..	..	..	..	..	5167	3470
5. Quilon	..	..	..	..	..	..	..	..	..	6644	3503
6. Azhikode (Munambam)	..	..	..	..	..	..	..	..	..	4410	14108
7. Ponnani	2	..	2	..	..	..	2	..	2	4724	3290
8. Badagara	..	..	..	..	..	..	..	..	..	1035	28016
9. Tellicherry	..	..	..	..	..	..	..	..	..	2312	3551
10. Cannanore	3	..	3	..	..	..	3	..	3	7092	5759
11. Azhikkal	3181	..	3181	11996	..	11996	15177	..	15177	57406	81320
12. Kasargod	..	..	..	..	..	..	..	..	..	1152	1411
Total	8453	22461	30914	61275	103945	165220	69728	126406	196134	1365198	1303007

Source: Director of Ports, Kerala

14. 16. Tonnage of Cargo Handled at the Port of Cochin 1972-73 to 1978-79

Year	Imports			Exports*		
	Stream	Wharf	Total	Stream	Wharf	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972-73 ..	231852	2883060	3114912	95049	991947	1086996
1973-74 ..	290092	2585364	2875456	84744	760639	845383
1974-75 ..	274282	3315606	3589888	49948	1173492	1223440
1975-76 ..	233522	3087289	3320811	27888	909204	937092
1976-77 ..	230855	3339277	3570132	20789	1176636	1197425
1977-78 ..	252951	3672460	3925411	12973	1236012	1248985
1978-79 ..	266209	3962472	4228681	10112	1231236	1241348

* Exclusive of 'bunkers'

Source: Annual report of Cochin chamber of commerce

14. 17. Commodities Transported through the selected check posts during 12-5-1975 to 12-5-1976

Commodity	Unit	Outgoing		Incoming	
		Quantity	Value (Rs. lakhs)	Quantity	Value (Rs. lakhs)
(1)	(2)	(3)	(4)	(5)	(6)
1. Arecanut (M.T.)	M.T.	34450	2155.75	..	12.65
2. Aluminium goods	"	..	1486.69	..	529.61
3. Aluminium compounds	"	..	74.03	..	..
4. Ammonium	"	..	44.88	..	..
5. Agarbathy	"	..	..	..	28.38
6. Agricultural implements	"	..	..	..	21.89
7. Agee cattle	"	..	..	..	3.58
8. Asbestos cement goods	"	..	..	..	196.37
9. Auto parts	"	..	..	..	86.39
10. Art silk goods	"	..	..	..	116.81
11. Bran	"	..	..	..	18.46
12. Battery	"	..	230.71	..	324.94
13. Biscuit	"	..	3.71	..	141.59
14. Beedi leaves	"	..	20.59	..	167.44
15. Beedi tobacco	"	..	34.80	..	177.84
16. Brass sheet	"	..	1.63	..	6.06
17. Barrels	"	..	1.79	..	..
18. Bottles	"	..	11.24	..	..
19. Beedi	"	..	384.99	..	443.80
20. Books	"	..	7.11	..	45.33
21. Bamboo bamboo products	"	..	56.07	..	..
22. Bricks	"	..	..	..	5.28
23. Blackgram	"	..	..	..	67.02
24. Boiler	"	..	..	..	3.15
25. Cashewnut	M.T.	36806	879.06	..	521.43
26. Cashew shell	"	..	11.30	..	..
27. Cashew kernels	"	..	610.29	..	1552.21
28. Containers	"	..	84.90	..	..
29. Cotton piece goods	"	..	595.01	..	226.72
30. Cotton yarn	"	..	1531.43	..	593.64
31. Coconut oil	"	56570	4243.04	271	74.45
32. Coconut	"	..	854.53	..	7.26
33. Coconut oil cake	"	9700	96.31	..	..
34. Copra	"	63540	3241.83	..	8.21
35. Coir and coir product	"	..	298.27	..	1.43
36. Cycle parts	"	..	85.62	..	42.13

(Contd...)

14.17. (Contd....)

Commodity	Outgoing			Incoming	
	Unit	Quantity	Value (Rs. lakhs)	Quantity	Value (Rs. lakhs)
(1)	(2)	(3)	(4)	(5)	(6)
37. Cigarette	M. T.	..	15.96	..	2256.10
38. Cattle feed	"	356	9.47	45000	500.03
39. Coorrander	"	..	3.09	7793	313.86
40. Cotton	"	..	357.47	..	2248.22
41. Chillies	"	..	29.40	20200	2063.33
42. China clay	"	..	3.68	..	..
43. Cashew oil	"	..	2.33	..	3.85
44. Cement	"	1741	15.03	234850	595.85
45. Chlorate of potash	"	534	35.02	..	..
46. Cartons	"	..	7.52	..	..
47. Coffee	"	..	700.63	..	1780.17
48. Chemicals	"	..	287.22	..	419.75
49. Cardamom	"	1590	1463.81	..	141.75
50. Calcium carbide	M. T.	..	88.92	..	..
51. Carbon black	"	..	..	..	417.32
52. Cummin seed	"	..	..	199	7.24
53. Caster Oil	"	..	..	..	74.45
54. Copper goods	"	..	..	..	313.08
55. Cylinder	"	..	..	..	6.87
56. Confectionery	"	..	..	..	221.13
57. Cable	"	..	..	..	10.44
58. Cotton Seed	"	..	..	..	157.08
59. Cococola and Soft Drinks	"	..	..	..	41.04
60. Carbon Products	"	..	..	..	7.38
61. Colours	"	..	..	..	37.09
62. Dhall	"	..	16.25	14400	330.84
63. Dry Fish	"	..	27.07	..	..
64. Dry Tapioca	"	90150	44.34	..	..
65. Diesel	"	123.99	..	..	23.81
66. Dairy Products	"	..	..	..	10.78
67. Drums	"	..	..	..	44.42
68. Empty Gunnies	"	..	382.77	..	59.35
69. Electric Goods	"	..	228.07	..	523.29
70. Empty Containers	"	..	..	..	337.76
71. Engine Oil	"	..	..	..	116.13
72. Fish	"	..	4.14	..	158.95
73. Firewood	"	97471	71.10	..	..
74. Fertiliser	"	..	365.09	..	55.65
75. Formic acid	M.T.	27	2.54	..	..
76. Fat	"	..	3.30	..	..
77. Furnace Oil	"	..	47.18	..	..
78. Foreign Liquor	"	..	290.67	..	292.34
79. Frozen Shrimp	"	..	35.89	..	..
80. Fruits	"	..	..	..	250.08
81. Footwear	"	..	..	..	55.05
82. Frog Legs	"	..	..	..	40.55
83. Fibre	"	..	..	..	19.09
84. General Goods	"	..	5.27	..	330.97
85. Green Gram	"	322	4.91	7613	164.98
86. Ginger	"	2316	450.29	..	..
87. Glucose	"	2751	85.04	..	..
88. Gas Cylinder	"	..	256.31	..	59.35
89. Groundnut	"	1386	15.95	16871	656.45
90. Groundnut Oil	"	38	3.25	9784	573.53

(Contd....)

Table 14.17 (Contd.)

Commodity	Unit	Outgoing		Incoming	
		Quantity	Value (Rs. lakhs)	Quantity	Value (Rs. lakhs)
(1)		(2)	(3)	(4)	(5)
91. Gingelley	M.T.	..	..	..	212.21
92. Ghee	"	..	..	..	41.76
93. Gram	"	..	..	..	168.43
94. Garlic	"	..	..	393	9.31
95. Gingelley Oil	"	..	..	2531	170.26
96. Gingelley Oil Cake	"	..	..	..	159.75
97. Glass Goods	"	..	..	..	93.44
98. Ground Nut Cake	"	..	..	74150	41.75
99. Generator	"	..	..	..	1.08
100. Aides	"	..	325.77	..	13.85
101. Handloom	"	..	1675.29	..	598.43
102. Hardware	"	..	12.92	..	89.74
103. Hucka	"	..	25.22	..	..
104. Hard Board	"	..	16.12	..	..
105. Horlicks	"	..	..	..	20.53
106. Household Articles	"	..	..	..	14.12
107. Hospital Goods	"	..	..	..	11.49
108. Hoisery	"	..	..	..	14.89
109. Honey	"	..	..	..	1.01
110. Iron Goods	"	..	171.02	..	198.15
111. Ice	"	2019	1.21	..	..
112. Ink	"	..	..	..	2.21
113. Indian Oil	"	..	..	..	2.37
114. Insecticide	"	..	5.15	..	185.77
115. Jute	"	..	1.01	..	20.09
116. Jaggery	"	..	..	1015190	2349.73
117. Kerosene	"	..	5.41	..	..
118. Latex	"	..	158.47	..	21.84
119. Lemongrass Oil	"	..	80.52	..	3.52
120. Leco	"	..	..	..	7.09
121. Label	"	..	..	..	2.52
122. Leather Goods	"	..	..	..	9.71
123. Lime	"	..	..	..	7.81
124. Leaves	"	..	..	..	1.15
125. Match Splints and Venners	"	..	692.60	..	..
126. Matches	"	..	26.23	..	132.05
127. M. S. Goods	"	..	21.56	..	319.06
128. Machinery	M.T.	..	549.43	..	506.97
129. Motor Parts	"	..	106.95	..	784.71
130. Medicine	"	..	57.93	..	1355.67
131. Molasses	"	102	2.97	..	96.65
132. Motor Vehicles	"	..	29.88	..	730.97
133. Mat	"	..	..	..	9.22
134. Milk	"	..	..	..	27.4
135. Monozite	"	..	..	3493	11.37
136. Maida	"	..	..	130	4.40
137. Naptha Neem Products	"	..	35.98	..	16.59
138. Nylon	"	..	..	..	84.67
139. Onion	"	..	..	41500	403.45
140. Oil Cake	"	..	..	83	1.20
141. Other Oils	"	..	..	..	53.85
142. Parcel	"	..	2388.92	..	12782.07
142. Pepper	"	18500	1722.12	..	40.46
144. Paper	"	..	227.41	..	213.01

(Contd....)

14.7 (Contd....)

Commodity	Unit	Outgoing		Incoming	
		Quantity	Value (Rs. lakhs)	Quantity	Value (Rs. lakhs)
(1)	(2)	(3)	(4)	(5)	(6)
145. Plywood	"	..	535.38	..	111.36
146. Packing Case	"	..	467.63	..	..
147. Pulp	"	..	129.09	..	39.71
148. Plastic Goods	"	..	60.67	..	100.92
149. Plantain	"	..	2.99	..	214.03
150. Potato	"	..	..	6078	53.12
151. Punna Oil	"	..	..	124	5.26
152. Provisions	"	..	..	..	1231.53
153. Prawn	"	..	..	..	1011.55
154. Pipe and Fittings	"	..	..	..	40.62
155. Pump	"	..	..	..	7.83
156. Palmyra Products	"	..	..	..	34.02
157. Paddy	"	..	..	10100	59.00
158. Peas Flour	"	..	..	..	4.39
159. Paint	"	..	..	..	410.00
160. Paper Products	"	..	..	..	31.73
161. Photo Goods	"	..	..	..	12.47
162. Polithene Goods	"	..	..	..	110.30
163. Rubber	"	..	5527.83	..	136.72
164. Rubber Goods	"	..	1010.57	..	277.27
165. Rubber Seed	"	..	28.97	..	1.44
166. Rosewood	"	..	7.34	..	99.12
167. Rayon	"	..	540.08	..	..
168. Rutie Sand	"	2473	4.10	..	1.65
169. Rice	"	..	..	..	290.20
170. Rejected cashew	"	..	..	159	2.89
171. Radio	"	..	..	..	67.63
172. Refrigerator	"	..	..	..	17.00
173. Refined oil	"	..	..	..	61.7
174. Readymade goods	"	..	..	..	16.45
174. Radio parts	"	..	..	..	10.35
176. Sugar	"	..	102.30	68500	2624.65
177. Sodium compounds	"	..	3.36	..	..
178. Steel goods	"	..	319.26	..	311.54
179. Stationery	"	..	9.77	..	80.86
180. Spirits	"	..	5.40	..	37.78
181. Starch	M.T.	779	15.93	..	..
182. Soap	"	..	973.39	..	759.27
183. Staple fibre	"	..	804.33	..	43.9
184. Sewing thread	"	..	496.01	..	9.86
185. Safe	"	..	..	..	1.86
186. Salt	"	..	..	..	128.81
187. Silk goods	"	..	..	..	49.18
188. Scooter	"	..	..	13721	165.96
189. Sugar cane	"	..	..	10123	10.76
190. Straw	"	..	..	..	15.46
191. Sulphur	"	..	..	..	64.27
192. Scientific goods	"	..	..	..	6.45
193. Sanitary goods	"	..	1675.22	31000	34.04
194. Tea	"	..	335.09	..	2224.91
195. Tiles	"	..	91.46	..	..
196. Teak wood	"	..	55.91	..	..
197. Tobacco	"	..	..	..	539.27

(Contd....)

14.7 (Contd....)

Commodity	Unit	Outgoing		Incoming	
		Quantity	Value (Rs. lakhs)	Quantity	Value (Rs. lakhs)
(1)	(2)	(3)	(4)	(5)	(6)
198. Timber	M.T.	..	817.42	..	151.20
199. Tar	"	..	19.25	..	..
200. Tapioca chips	"	..	78.80	..	..
201. Titanium dioxide	"	..	625.39	..	..
202. Titanium compounds	"	..	..	..	45.69
203. Tin and tin sheet	"	..	19.77	..	46.26
204. Textiles	"	..	24.96	..	..
205. Tyre and tube	"	..	687.45	..	837.78
206. Toilet goods	"	..	169.27	..	30.95
207. Trayophone	"	..	19.67	..	..
208. Transformer	M.T.	..	3.59	..	95.39
209. T.V.Sc. and parts	"	..	34.08	..	4.09
210. Tapioca	"	..	..	..	50.59
211. Tamarind	"	..	..	..	29.70
212. Turmeric	"	..	..	..	18.57
213. Typewriter	"	..	..	..	7.36
214. Tools	"	..	..	..	1.99
215. T.C. goods	"	..	..	..	16.18
210. Vegetables	"	..	53.95	..	594.09
217. Venaspathy	"	..	..	2694	193.74
218. Welding rods	"	..	28.71	2694	54.48
219. Wire net	"	..	2.61	..	..
220. Waste paper	"	..	19.60	..	45.94
221. Wheat	"	..	6.67	..	..
222. Yarn	"	..	64.85	..	95.18
223. Zircon	"	..	5.94	..	..
224. Zirflour	"	..	6.25	..	..
225. X-Ray goods	"	..	..	..	2.63
226. Zinc goods	"	..	..	..	84.84
Total		..	50933.92	..	66445.41

Source: Bureau of Economics and Statistics

XV PRICES

15.1. Monthly state average farm prices of agricultural commodities (commodity-wise)

Year/Month	July	August	September	October	November	December	January	February	March	April	May	June
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
PADDY/STANDARD PARA												
1960-61	3.15	2.97	2.94	3.01	3.00	3.06	2.82	2.73	2.75	3.05	3.16	3.18
1970-71	7.82	7.32	7.27	6.87	6.92	6.75	6.35	6.15	6.27	6.37	6.56	6.84
1976-77	13.00	12.33	11.01	10.29	10.43	10.47	9.77	9.43	10.07	10.55	10.58	10.68
1977-78	10.67	10.59	9.90	9.40	9.68	9.80	9.52	9.17	9.29	9.39	9.38	9.48
1978-79	9.59	9.53	9.23	9.22	9.33	9.33	9.22	9.12	9.17	9.31	9.44	9.67
1979-80	9.91	9.98	9.77	9.71	9.89	10.23	10.01	9.89	..	..	..	..
COCONUT/100 Nos. (With husk)												
1960-61	20.09	20.56	20.59	21.30	21.91	22.84	22.71	22.81	22.01	21.50	20.94	20.34
1970-71	58.27	61.51	62.94	65.78	65.74	61.87	59.69	54.85	52.48	52.81	49.56	44.70
1976-77	73.98	74.37	87.59	97.29	106.96	109.29	104.56	100.53	91.46	91.72	90.11	84.41
1977-78	85.90	87.04	93.80	97.44	108.35	111.43	107.16	104.65	104.08	105.77	105.02	105.72
1978-79	104.37	104.60	111.65	112.23	112.26	107.49	103.33	102.87	104.23	100.82	94.89	100.34
1979-80	103.78	106.52	107.64	108.60	113.95	116.30	118.06	121.23	..	..	..	..
ARECANUT/100 Nos.												
1960-61	3.54	2.92	2.55	2.35	2.22	2.16	2.23	2.39	2.85	3.08	3.12	2.96
1970-71	4.11	3.60	3.51	3.38	3.28	3.29	3.43	3.64	3.89	4.27	4.54	4.41
1976-77	8.57	5.76	4.25	3.71	3.32	3.13	3.28	3.52	3.92	4.57	4.95	4.91
1977-78	4.61	4.14	3.89	3.50	3.27	3.26	3.48	3.66	4.11	5.02	5.52	5.20
1978-79	4.79	4.29	4.09	3.93	3.71	3.60	3.92	4.62	5.90	7.79	9.26	8.60
1979-80	6.62	5.11	4.69	4.58	4.49	4.90	6.03	6.48	..	..	..	..
CASHEWNUIT (Qtl.)												
1960-61	..	..	..	..	..	..	..	..	83.54	79.83	74.44	72.78
1970-71	..	..	..	..	..	..	147.50	140.54	136.49	133.52	134.38	156.75
1976-77	..	..	..	..	..	..	..	370.42	391.81	526.63	578.04	584.00
1977-78	..	..	..	..	..	..	..	587.53	583.44	580.04	476.65	387.19
1978-79	N.A.	..	..	..	..	..	355.00	387.90	390.45	414.33	412.48	409.50
1979-80	..	..	..	..	..	..	350.00	581.85	..	..	..	..
BANANA 100/NOS.												
1960-61	6.98	6.77	6.77	6.35	6.11	6.07	6.15	6.56	6.75	7.59	7.72	8.16
1970-71	18.45	17.89	17.73	16.96	16.14	15.31	14.68	15.31	16.35	16.29	18.16	19.04
1976-77	35.60	34.29	34.70	32.99	32.26	31.10	29.77	30.02	30.71	31.09	32.27	34.33
1977-78	34.21	34.63	32.65	30.46	29.12	28.30	29.87	33.17	34.95	35.86	36.33	36.14
1978-79	34.97	33.30	33.70	32.85	31.06	29.17	29.52	32.34	34.20	35.16	36.29	37.46
1979-80	37.36	37.48	37.05	36.25	37.94	36.81	36.60	37.30	..	..	..	..
TAPIOCA (RAW)/Qtl.												
1960-61	8.21	7.19	7.14	6.93	7.00	7.14	7.22	6.95	7.15	10.29	9.55	9.43
1970-71	19.56	20.31	20.28	21.09	20.11	20.38	20.65	21.59	22.85	23.64	22.20	20.82
1976-77	40.44	39.32	38.96	38.62	37.36	35.97	35.26	34.22	35.35	34.96	35.63	33.18
1977-78	32.28	31.61	30.88	29.37	28.23	29.13	30.05	29.40	28.99	30.92	31.80	31.08
1978-79	31.12	32.08	32.52	33.29	33.98	34.45	35.69	37.81	39.24	38.82	39.81	40.18
1979-80	40.36	41.46	40.62	40.68	42.17	42.75	44.20	44.55	..	..	..	..
GINGER (DRY)/Qtl.												
1960-61	138.78	142.32	140.39	148.35	131.47	112.58	112.58	101.94	88.39	107.54	106.95	121.98
1970-71	1061.88	961.00	967.00	930.00	702.50	568.75	481.63	423.08	443.08	475.42	427.29	417.50
1976-77	1438.83	1489.00	1625.25	1601.38	1246.88	970.99	1055.89	1112.99	1479.41	1525.16	1537.66	1496.54
1977-78	1502.61	1475.50	1477.86	1395.67	1161.36	1021.09	1030.23	1044.07	1024.79	1240.74	1278.76	1242.49
1978-79	1127.70	1009.06	937.10	924.42	834.22	648.11	607.69	548.37	536.47	498.53	443.93	435.31
1979-80	427.20	411.62	429.37	422.68	394.82	389.97	358.22	379.58	..	..	..	..
SUGARCANE (TONNE)												
1960-61	..	..	..	..	73.95	73.95	..	..	..	..	..	..
1970-71	..	..	..	116.67	116.67	123.33	123.33	120.00	120.00	120.00	120.00	120.00
1976-77	..	..	..	..	..	..	125.00	125.00	120.00	120.00	120.00	120.00
1977-78	..	..	..	..	..	120.00	123.33	126.67	126.67	120.00	120.00	120.00
1978-79	..	..	..	130.00	123.50	124.00	102.67	104.00	..	..	..	..
1979-80	..	..	..	..	..	..	..	..	..	..	..	..
PEPPER (Dry) Qtl.												
1960-61	556.84	483.57	436.78	410.47	390.68	327.02	..	347.33	350.92	382.99	363.73	386.15
1970-71	665.89	684.92	682.87	630.78	546.98	553.86	581.09	592.83	631.33	653.23	635.12	640.07
1976-77	1490.03	1462.23	1483.96	1524.69	1582.29	1390.74	1530.77	1523.46	1618.96	1558.48	1665.28	1686.77
1977-78	1695.52	1613.47	1630.36	1563.64	1591.44	1585.83	1584.19	1534.90	1537.71	1639.54	1607.88	1655.74
1978-79	1654.42	1617.90	1644.23	1655.59	1630.11	1478.77	1413.45	1405.03	1397.50	1387.66	1376.37	1400.65
1979-80	1492.04	1459.67	1472.50	1469.27	1428.04	1349.47	1332.81	1299.15	..	..	..	..

15.2. Farm prices - yearly state average (weighted)

Year	Paddy	Coconut	Arecanut	Tapioca	Cashewnut	Banana	Pepper	Ginger	Sugarcane
	Qtl.	1000 Nos.	1000 Nos.	Qtl.	Qtl.	100 Nos.	Qtl.	Qtl.	M. Tonnes
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1960-61	41.25	214.65	26.98	7.85	77.65	6.83	403.32	121.11	..
1970-71	90.25	566.80	37.40	20.59	139.80	16.69	616.90	553.97	74.03
1976-77	142.74	913.00	44.10	35.57	503.07	32.46	1567.60	1307.72	120.41
1977-78	130.69	987.17	41.08	28.89	535.28	33.09	1606.39	1222.93	126.83

Source: Bureau of Economics and Statistics

15.3. Wholesale price - Commodity and District-wise

(In Rupees)

District	1960	1970	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COMMODITY CANAGUR/Qtl.						
Trivandrum	..	101.34	319.17	288.17	251.98	293.70
Quilon	70.39	105.23	293.33	267.70	233.68	275.50
Alleppey	75.50	94.34	233.70	210.61	199.69	256.35
Kottayam	..	92.75	224.89	190.19	163.89	233.38
Idukki	..	..	..	..	..	..
Ernakulam	..	87.05	223.45	184.99	138.09	212.00
Trichur	..	103.08	230.99	201.26	152.62	216.35
Palghat	65.22	98.79	221.06	181.41	128.84	189.89
Malappuram	..	..	..	..	..	..
Kozhikode	..	103.64	230.28	212.42	154.40	209.47
Cannanore	..	..	213.69	186.10	132.81	203.23
COMMODITY PALMGUR/Qtl.						
Trivandrum	70.59	112.57	263.38	221.29	187.26	232.26
Quilon	67.27	109.42	245.92	209.40	139.64	251.04
Alleppey	67.38	119.26	244.39	213.60	192.71	254.51
Kottayam	71.20	..	..	..	..	..
Idukki	..	..	..	..	..	..
Ernakulam	..	..	..	..	..	..
Trichur	..	..	..	..	..	..
Palghat	..	..	..	..	..	..
Malappuram	..	..	..	..	..	..
Kozhikode	..	..	..	..	..	..
Cannanore	..	..	..	..	..	..
COMMODITY COPRA/Qtl.						
Trivandrum	..	..	..	..	..	..
Quilon	153.33	461.57	611.50	708.94	763.58	752.15
Alleppey	154.67	469.21	621.90	731.24	782.84	768.98
Kottayam	152.77	472.20	625.90	734.14	788.55	771.94
Idukki	..	..	595.36	693.33	766.37	743.10
Ernakulam	148.10	451.77	610.99	714.26	773.55	752.72
Trichur	149.50	457.36	613.59	710.16	776.40	756.24
Palghat	..	..	..	..	..	..
Malappuram	..	..	..	..	..	..
Kozhikode	150.66	459.33	623.44	738.79	793.01	769.16
Cannanore	145.70	450.66	600.88	718.17	776.89	746.28

(Contd....)

Table 15.3. (Contd....)

(In Rupees)

District	1960	1970	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COMMODITY COCONUT OIL/Qtl.						
Trivandrum	..	..	..	..	..	..
Quilon	234.67	685.24	932.40	1058.10	1155.88	1143.58
Alleppey	233.24	693.49	939.81	1095.68	1181.83	1169.33
Kottayam	234.90	698.06	939.17	1086.62	1176.14	1161.55
Idukki	..	..	942.17	1089.36	1186.35	1156.08
Ernakulam	232.84	694.36	952.88	1094.53	1184.79	1172.62
Trichur	230.86	695.92	943.24	1075.97	1171.90	1151.11
Palghat	..	..	..	..	..	..
Malappuram	..	..	..	..	..	..
Kozhikode	237.59	701.50	930.91	1076.33	1172.97	1146.20
Cannanore	230.55	700.31	951.39	1089.62	1192.52	1142.90
COMMODITY COCONUT OIL CAKE/Qtl.						
Trivandrum	..	..	..	..	..	..
Quilon	41.41	102.13	147.26	177.97	177.11	170.96
Alleppey	41.51	105.80	148.42	178.48	178.27	170.62
Kottayam	42.17	105.92	148.06	181.00	180.27	170.54
Idukki	..	..	149.38	178.34	175.62	166.58
Ernakulam	42.00	108.86	156.42	184.63	180.34	172.79
Trichur	42.26	108.95	154.20	184.46	178.18	168.87
Palghat	..	..	..	..	..	..
Malappuram	..	..	..	..	..	..
Kozhikode	40.48	106.98	147.46	183.18	182.04	171.37
Cannanore	44.13	108.71	139.27	179.62	181.76	163.26
COMMODITY COCONUT (WITH HUSK)/1000 Nos.						
Trivandrum	210.90	549.50	834.52	924.21	1026.68	935.44
Quilon	229.80	565.50	875.63	996.53	1118.77	1020.89
Alleppey	236.80	596.00	833.36	959.12	1071.07	1072.96
Kottayam	232.70	..	..	..	..	..
Idukki	..	..	865.38	1031.52	1140.21	1078.13
Ernakulam	239.50	673.90	906.04	1026.38	1157.06	1132.11
Trichur	236.70	689.30	925.15	1097.63	1195.73	1149.98
Palghat	218.20	582.10	..	..	..	..
Malappuram	..	..	766.52	882.38	1036.77	927.35
Kozhikode	198.20	542.90	763.58	922.22	981.69	947.48
Cannanore	214.50	..	685.21	832.67	928.23	851.24
COMMODITY BLACK PEPPER/Qtl.						
Trivandrum	459.96	591.53	1288.83	1568.92	1589.87	1390.31
Quilon	486.81	611.85	1337.90	1618.04	1600.78	1420.95
Alleppey	504.55	635.32	1417.99	1699.39	1663.61	1471.22
Kottayam	490.87	643.27	1366.64	1625.63	1597.71	1405.31
Idukki	..	..	1355.96	1631.58	1565.55	1402.83
Ernakulam	499.51	646.45	1394.53	1678.72	1656.99	1467.77
Trichur	496.69	635.45	1391.81	1656.62	1635.70	1441.51
Palghat	537.27	..	..	..	..	..
Malappuram	..	..	1093.25	1570.31	1614.69	1426.19
Kozhikode	519.96	650.22	1425.55	1692.73	1703.38	1498.53
Cannanore	511.71	648.94	1417.33	1686.60	1685.75	1471.83

(Contd....)

Table 15.3. (Contd....)

(In Rupees)

District	1960	1970	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COMMODITY GINGER/Qtl.						
Trivandrum	216.03	..	..	..	..	..
Quilon	..	892.14	1251.46	1312.22	1094.30	520.20
Alleppey	158.28	..	..	..	1121.88	562.45
Kottayam	147.33	840.63	784.75	1103.13	1036.25	522.50
Idukki	..	..	878.00	1236.00	948.57	483.33
Ernakulam	154.37	937.59	1199.60	1371.33	1083.76	508.36
Trichur	..	..	..	..	..	..
Palghat	135.27	..	1186.88	1348.92	1031.94	472.40
Malappuram	..	..	..	..	..	..
Kozhikode	163.15	948.50	1215.88	1403.79	1091.52	512.19
Cannanore	159.63	925.52	1123.10	1386.03	1062.89	496.39
COMMODITY TURMERIC/Qtl.						
Trivandrum	113.51	..	..	..	..	..
Quilon	102.09	..	..	..	..	..
Alleppey	106.63	..	..	..	931.25	..
Kottayam	91.60	463.89	271.88	425.00	704.06	495.42
Idukki	..	..	287.08	463.75	770.60	506.25
Ernakulam	103.31	482.54	370.31	607.41	785.13	515.78
Trichur	..	..	..	..	..	..
Palghat	110.54	..	..	..	..	..
Malappuram	..	..	..	..	..	..
Kozhikode	105.29	..	308.94	539.62	675.31	439.46
Cannanore	82.44	..	..	..	..	..
COMMODITY LEMONGRASS OIL/Qtl.						
Trivandrum	..	..	..	..	..	..
Quilon	..	..	..	..	..	..
Alleppey	..	..	..	..	..	..
Kottayam	..	..	..	..	..	..
Idukki	..	..	..	..	..	..
Ernakulam	1594.58	3887.91	5586.09	5986.98	6421.47	7149.15
Trichur	..	..	..	..	..	..
Palghat	..	..	..	..	..	..
Malappuram	..	..	..	..	..	..
Kozhikode	1529.13	3861.70	5293.08	5835.56	6283.75	7053.54
Cannanore	..	3836.56	5475.63	5996.88	6433.13	7223.33
COMMODITY CASHEWNUT (RAW)/Qtl.						
Trivandrum	..	127.94	242.53	500.00	519.50	397.50
Quilon	79.12	173.90	288.75	553.37	592.75	475.38
Alleppey	..	148.65	..	..	..	..
Kottayam	..	..	..	..	..	..
Idukki	..	..	..	..	..	..
Ernakulam	..	..	..	..	573.17	486.38
Trichur	..	160.78	254.97	472.60	542.45	416.00
Palghat	..	..	..	..	..	..
Malappuram	..	..	238.33	..	..	..
Kozhikode	..	144.15	245.33	..	..	..
Cannanore	..	161.21	272.38	..	610.00	..

Source: Bureau of Economics & Statistics

(Contd....)

Table 15.3. (Contd...)

(In Rupees)

District	1960	1970	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COMMODITY TAPIOCA (RAW)/Qtl.						
Trivandrum ..	7.28	17.97	38.62	28.92	25.52	32.69
Quilon ..	8.89	20.45	36.58	27.05	30.76	36.21
Alleppey ..	9.08	23.46	41.84	33.85	37.65	44.10
Kottayam ..	9.11	28.44	43.25	33.17	40.28	44.37
Idukki ..	..	..	..	..	..	..
Ernakulam ..	11.48	22.23	41.30	35.03	34.55	43.60
Trichur ..	8.28	20.76	42.84	36.52	34.01	45.72
Palghat ..	7.44	20.21	..	..	..	..
Malappuram ..	..	..	38.04	32.22	29.80	37.56
Kozhikode ..	9.93	17.45	34.87	30.26	30.07	43.46
Cannanore ..	..	16.34	34.60	33.50	30.67	..
COMMODITY BANANA (100 Nos.)						
Trivandrum ..	9.36	18.81	36.96	32.96	35.69	38.62
Quilon ..	7.51	17.21	36.78	32.17	35.66	36.55
Alleppey ..	7.99	18.01	37.69	32.38	34.69	34.46
Kottayam ..	7.74	18.46	38.90	34.98	37.64	40.98
Idukki ..	..	..	36.26	34.66	37.70	39.81
Ernakulam ..	6.62	17.27	33.44	30.66	35.03	36.72
Trichur ..	7.21	18.32	34.69	31.17	34.27	35.14
Palghat ..	7.75	14.80	29.24	25.84	29.73	31.48
Malappuram ..	..	..	27.50	23.16	27.15	29.45
Kozhikode ..	7.46	16.49	30.76	25.40	26.38	27.95
Cannanore ..	7.81	15.76	30.32	20.14	26.09	19.18
COMMODITY ARECANUT RIPE (100 Nos.)						
Trivandrum ..	2.89	3.71	4.40	3.61	3.88	5.69
Quilon ..	3.92	4.39	4.59	4.07	4.11	6.06
Alleppey ..	3.25	4.50	5.38	4.41	4.82	6.81
Kottayam ..	3.23	..	..	4.50	4.45	6.42
Idukki ..	..	..	..	..	..	..
Ernakulam ..	3.05	4.21	4.50	3.89	4.28	5.90
Trichur ..	N.A.	5.34	5.84	5.02	5.55	7.89
Palghat ..	2.67	4.16	3.78	3.58	3.71	4.95
Malappuram ..	..	..	3.99	3.60	4.13	4.59
Kozhikode ..	2.00	3.84	4.19	3.77	4.49	6.51
Cannanore ..	3.92	2.31	2.86	2.68	2.75	3.83
COMMODITY RUBBER/Qtl.						
Trivandrum ..	..	..	607.33	617.50	857.53	990.13
Quilon ..	344.68	455.50	597.67	609.10	857.85	991.90
Alleppey ..	..	..	..	..	..	..
Kottayam ..	351.27	464.66	616.44	623.04	872.11	1009.83
Idukki ..	..	..	606.29	614.86	864.25	1001.54
Ernakulam ..	339.09	460.61	609.23	621.00	869.10	1006.37
Trichur ..	..	..	..	..	..	..
Palghat ..	..	..	..	..	..	..
Malappuram ..	..	..	..	..	..	..
Kozhikode ..	360.84	455.95	605.31	612.14	854.37	992.98
Cannanore ..	343.92	452.75	600.24	612.48	850.60	991.46

(Contd...)

Table 15.3. (Contd.)

(In Rupees)

District	1960	1970	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COMMODITY CARDAMOM/Kg.						
Trivandrum	23.15	..	..	..	..	..
Quilon	23.26	..	..	..	..	..
Alleppey	27.59	..	..	..	..	..
Kottayam	21.47	..	..	..	..	..
Idukki	..	..	115.14	108.13	135.38	118.71
Ernakulam	17.89	45.39	126.42	164.29	156.59	168.05
Trichur	..	..	..	..	..	..
Palghat	..	..	..	..	..	..
Malappuram	..	..	..	..	..	..
Kozhikode	20.41	60.46	104.15	132.27	147.56	148.33
Cannanore	..	..	..	..	..	..
COMMODITY TEA/Kg.						
Trivandrum	..	..	..	..	..	..
Quilon	..	..	..	..	..	..
Alleppey	..	..	..	..	..	..
Kottayam	4.97	5.55	11.00	15.45	14.75	15.15
Idukki	..	..	..	..	..	..
Ernakulam	5.66	5.35	11.26	17.93	17.76	16.09
Trichur	..	..	..	..	..	..
Palghat	..	..	..	..	..	..
Malappuram	..	..	..	..	..	..
Kozhikode	5.17	11.53	11.94	16.14	13.02	11.36
Cannanore	6.76	6.32	11.81	18.90	..	13.31

15.4. Yearly average retail prices of necessary commodities (District-wise)

(In Rupees)

District	1960	1970	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COMMODITY RICE (O.M.)/Kg.						
Trivandrum	0.61	1.60	2.91	2.57	2.31	2.26
Quilon	0.60	1.58	2.64	2.38	2.26	2.30
Alleppey	0.63	1.54	2.66	2.32	2.12	2.21
Kottayam	0.62	1.55	2.48	2.27	2.07	2.24
Idukki	..	..	2.71	2.37	2.25	2.39
Ernakulam	0.59	1.65	2.74	2.39	2.23	2.27
Trichur	0.58	1.59	2.69	2.39	2.22	2.25
Palghat	0.57	1.34	2.71	2.37	2.17	2.18
Malappuram	..	..	2.56	2.19	2.12	2.18
Kozhikode	0.62	1.53	2.72	2.31	2.21	2.28
Cannanore	0.61	1.56	2.68	2.40	2.05	2.25
COMMODITY CHILLIES/Kg.						
Trivandrum	2.96	6.53	9.79	10.13	11.05	10.68
Quilon	2.97	6.26	9.14	9.22	9.58	8.78
Alleppey	3.04	6.24	9.19	9.15	9.70	9.26
Kottayam	2.99	6.40	9.23	9.34	10.00	9.54
Idukki	..	..	9.42	8.54	9.71	9.24
Ernakulam	3.18	6.58	9.73	9.95	10.48	10.11
Trichur	3.21	6.58	9.91	10.22	10.53	10.24
Palghat	3.16	7.03	9.65	9.79	10.00	9.47
Malappuram	..	..	9.19	9.19	9.77	9.46
Kozhikode	3.07	6.17	9.11	9.61	10.42	9.85
Cannanore	2.96	6.49	9.36	9.67	10.04	9.28

Source: Bureau of Economics and Statistics

Table 15.4. (Contd.)

(In Rupees)

District	1960*	1970*	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COMMODITY ONIONS/Kg.						
Trivandrum	0.31	0.67	1.05	1.58	1.14	1.79
Quilon	0.27	0.57	0.96	1.43	1.01	1.57
Alleppey	0.28	0.56	0.87	1.35	0.92	1.44
Kottayam	0.29	0.55	0.95	1.44	1.04	1.59
Idukki	..	..	0.85	1.32	0.92	1.46
Ernakulam	0.31	0.63	0.98	1.48	1.04	1.63
Trichur	0.28	0.53	0.98	1.47	0.98	1.58
Palghat	0.29	0.54	0.84	1.30	0.87	1.35
Malappuram	..	..	0.82	1.29	0.95	1.33
Kozhikode	0.30	0.57	0.93	1.52	1.17	1.66
Cannanore	0.33	0.61	0.93	1.47	1.17	1.53
COMMODITY SALT/Kg.						
Trivandrum	0.07	0.10	0.15	0.20	0.28	0.25
Quilon	0.07	0.11	0.15	0.18	0.26	0.25
Alleppey	0.07	0.10	0.20	0.23	0.26	0.25
Kottayam	0.08	0.12	0.18	0.21	0.29	0.28
Idukki	..	..	0.20	0.22	0.25	0.26
Ernakulam	0.09	0.14	0.20	0.23	0.30	0.29
Trichur	0.09	0.14	0.19	0.20	0.27	0.26
Palghat	0.07	0.13	0.15	0.19	0.25	0.25
Malappuram	..	..	0.20	0.21	0.29	0.29
Kozhikode	0.08	0.16	0.24	0.26	0.33	0.34
Cannanore	0.09	0.19	0.25	0.29	0.40	0.40
COMMODITY COCONUT (WITHOUT HUSK)/Dozen						
Trivandrum	..	..	10.04	11.17	13.52	12.17
Quilon	..	..	10.64	11.36	13.48	14.03
Alleppey	..	..	10.79	12.42	13.88	13.44
Kottayam	..	..	11.96	14.56	15.47	15.40
Idukki	..	..	15.23	16.59	18.51	18.92
Ernakulam	..	..	12.66	14.87	16.22	16.15
Trichur	..	..	11.10	12.36	15.60	15.21
Palghat	..	..	11.36	13.12	15.38	12.83
Malappuram	..	..	10.38	11.74	13.72	13.84
Kozhikode	..	..	11.69	13.60	14.95	14.55
Cannanore	..	..	10.42	12.32	14.19	13.92
COMMODITY COCONUT OIL/Litre.						
Trivandrum	2.59	7.48	9.93	11.63	12.52	12.36
Quilon	2.56	7.39	9.26	10.60	11.25	11.20
Alleppey	2.36	7.28	9.81	11.12	11.34	11.20
Kottayam	2.51	7.38	9.16	10.82	11.54	11.49
Idukki	..	..	9.95	11.30	12.18	12.16
Ernakulam	2.38	7.32	9.46	10.95	11.76	11.68
Trichur	2.38	7.24	9.64	11.13	11.92	11.73
Palghat	2.57	7.44	10.03	11.25	11.68	11.50
Malappuram	..	..	9.38	10.85	11.74	11.44
Kozhikode	2.54	7.36	9.65	11.27	12.00	11.94
Cannanore	2.34	7.31	9.43	11.94	11.74	12.17

Table 15.4. (Contd.)

(In Rupees)

<i>District</i>	1960*	1970*	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COMMODITY GINGELLY OIL/Litre.						
Trivandrum ..	2.83	6.26	9.62	11.20	10.10	10.97
Quilon ..	2.77	6.36	9.25	10.74	9.71	10.16
Alleppey ..	2.94	6.25	8.84	10.49	8.20	9.14
Kottayam ..	3.03	6.15	8.68	10.06	9.30	10.02
Idukki ..	..	..	8.93	10.39	9.53	10.15
Ernakulam ..	2.77	6.19	9.17	10.30	9.11	9.66
Trichur ..	2.77	5.76	8.99	10.33	9.29	10.37
Palghat ..	2.81	6.35	9.05	10.11	8.91	9.60
Malappuram ..	..	..	8.64	10.12	9.22	10.22
Kozhikode ..	3.15	6.23	8.88	10.39	9.52	10.08
Cannanore ..	1.68	6.45	9.32	11.45	10.64	10.42
COMMODITY DHALL/Kg.						
Trivandrum ..	0.62	2.15	3.06	4.79	6.00	5.76
Quilon ..	0.62	1.81	2.69	4.02	5.28	5.25
Alleppey ..	0.58	1.70	2.35	3.95	4.79	5.05
Kottayam ..	0.63	1.63	2.30	3.66	4.57	4.29
Idukki ..	..	..	2.62	3.81	5.22	5.08
Ernakulam ..	0.66	1.90	2.85	4.51	5.61	5.51
Trichur ..	0.65	1.58	2.58	4.31	5.29	4.92
Palghat ..	0.89	2.21	2.69	4.04	4.86	4.54
Malappuram ..	..	..	2.37	3.86	4.78	4.60
Kozhikode ..	0.65	1.62	2.59	4.28	5.20	4.99
Cannanore ..	0.71	1.79	2.83	4.52	5.71	5.48
COMMODITY GREENGRAM/Kg.						
Trivandrum ..	0.71	1.71	2.68	3.12	4.06	4.91
Quilon ..	0.74	1.69	2.51	2.96	3.94	4.63
Alleppey ..	0.79	1.54	2.26	2.88	3.53	3.94
Kottayam ..	0.79	1.63	2.46	2.95	3.82	4.61
Idukki ..	..	..	2.56	2.88	3.86	4.31
Ernakulam ..	0.75	1.69	2.45	3.16	4.02	4.78
Trichur ..	0.90	1.60	2.50	3.13	4.01	4.62
Palghat ..	0.79	1.93	2.60	3.09	3.88	4.43
Malappuram ..	..	..	2.23	2.95	3.86	4.52
Kozhikode ..	0.77	1.39	2.28	3.03	4.24	4.89
Cannanore ..	0.72	1.48	2.72	3.16	4.27	4.80
COMMODITY: BLACKGRAM/Kg.						
Trivandrum ..	0.70	1.55	3.21	3.62	3.97	4.12
Quilon ..	0.70	1.49	3.06	3.44	3.70	3.94
Alleppey ..	0.65	1.44	2.65	3.04	3.48	3.76
Kottayam ..	0.68	1.51	3.37	3.78	4.08D	4.34D
Idukki ..	..	..	3.64D	4.08D	4.24D	4.48D
Ernakulam ..	0.68	1.45	2.82	3.39	3.57	3.82
Trichur ..	0.68	1.32	3.01	3.26	3.53	3.71
Palghat ..	0.73	1.53	3.12	3.48	3.74	4.01
Malappuram ..	..	..	3.26	3.88	4.50D	4.74D
Kozhikode ..	0.68	1.28	3.72D	4.22D	4.32D	4.76D
Cannanore ..	0.69	1.33	2.93	3.13	3.49	3.45

*Per Kg. D—Dhall

(Contd....)

Table 15.4. (Contd.)

(In Rupees)

District	1960	1970	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COMMODITY REDGRAM/Kg.						
Trivandrum ..	0.67	1.48	2.26	2.80	2.97	3.58
Quilon ..	0.61	1.39	2.12	2.51	2.80	3.29
Alleppey ..	0.59	1.32	2.08	2.47	2.73	3.23
Kottayam ..	0.64	1.40	2.11	2.65	2.86	3.37
Idukki ..	..	..	2.26	2.51	2.73	3.16
Ernakulam ..	0.62	1.38	2.42	2.91	3.12	3.54
Trichur ..	0.69	1.26	2.26	2.68	2.82	3.26
Palghat ..	0.75	1.76	2.39	2.77	2.95	3.30
Malappuram ..	..	..	1.83	2.52	2.74	3.20
Kozhikode ..	0.64	1.30	1.88	2.56	2.93	3.23
Cannanore ..	0.65	1.35	2.06	2.60	2.86	3.44
COMMODITY PLANTAIN/Kg.						
Trivandrum ..	0.25	0.71	1.19	1.37	1.36	1.54
Quilon ..	0.20	0.57	1.33	1.34	1.25	1.33
Alleppey ..	0.26	0.89	1.24	1.26	1.22	1.20
Kottayam ..	0.28	0.64	1.25	1.44	1.36	1.43
Idukki ..	..	..	1.43	1.25	1.17	1.25
Ernakulam ..	0.29	0.60	1.70	1.88	1.87	1.61
Trichur ..	0.24	0.85	1.27	1.17	1.15	1.33
Palghat ..	0.23	0.70	1.79	0.85	0.91	1.45
Malappuram ..	..	..	1.50	1.66	1.48	1.83
Kozhikode ..	0.27	0.94	1.59	1.58	1.92	1.89
Cannanore ..	0.28	0.64	1.24	1.13	1.41	1.47
COMMODITY MILK (COW'S)/Ltr.						
Trivandrum ..	0.67	1.43	1.84	1.91	2.11	2.11
Quilon ..	0.59	1.50	2.15	2.15	2.15	2.28
Alleppey ..	0.60	1.46	2.10	2.12	2.20	2.20
Kottayam ..	0.61	1.22	1.98	2.07	2.10	2.14
Idukki ..	..	..	1.65	1.67	1.75	1.75
Ernakulam ..	0.72	1.58	2.53	2.53	2.53	2.53
Trichur ..	0.72	1.57	2.30	2.27	2.30	2.36
Palghat ..	0.57	1.42	2.20	2.20	2.20	2.08
Malappuram ..	..	..	2.43	2.49	2.59	2.65
Kozhikode ..	0.87	1.50	2.37	2.37	2.32	2.35
Cannanore ..	0.86	1.44	2.30	2.30	2.38	2.45
COMMODITY MILK (BUFFALOES)/Ltr.						
Trivandrum ..	0.83	1.78	3.00	3.00	3.00	3.00
Quilon ..	0.85	2.05	2.63	2.63	2.63	2.65
Alleppey ..	0.82	2.09	3.07	3.22	3.50	3.50
Kottayam ..	0.87	1.68	2.49	2.59	2.61	2.61
Idukki ..	..	..	..	..	..	..
Ernakulam ..	0.92	1.99	3.01	3.03	3.03	3.12
Trichur ..	0.81	1.80	2.57	2.77	2.93	2.93
Palghat ..	0.67	1.52	2.20	2.20	2.19	2.08
Malappuram ..	..	..	2.43	2.49	2.59	2.60
Kozhikode ..	1.04	1.70	2.57	2.57	2.55	2.58
Cannanore ..	1.03	1.90	2.60	2.60	2.60	2.65

(Contd....)

Table 15.4. (Contd...)

(In Rupees)

District	1960	1970	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COMMODITY : SUGAR/Kg. (O.M.)						
Trivandrum	1.22	1.85	4.81	4.33	3.28	2.99
Quilon	1.23	1.84	4.75	4.34	3.31	3.04
Alleppey	1.23	1.84	4.74	4.21	3.19	3.00
Kottayam	1.22	1.85	4.79	4.26	3.27	3.03
Idukki	..	..	4.51	4.37	3.28	3.05
Ernakulam	1.25	1.84	4.82	4.27	3.24	3.04
Trichur	1.22	1.82	4.76	4.28	3.24	2.92
Palghat	1.21	1.85	4.73	4.20	3.16	2.94
Malappuram	..	..	4.66	4.22	3.21	2.95
Kozhikode	1.23	1.83	4.70	4.22	3.21	2.93
Cannanore	1.22	1.82	4.63	4.18	3.18	2.86
COMMODITY : BRINJAL/Kg.						
Trivandrum	0.47	0.91	1.23	1.24	1.35	1.34
Quilon	0.37	0.74	1.15	1.41	1.32	1.56
Alleppey	0.44	0.82	1.10	1.31	1.32	1.60
Kottayam	0.46	0.85	1.52	1.53	1.83	1.77
Idukki	..	..	0.85	1.01	0.97	1.31
Ernakulam	0.40	0.76	1.42	1.60	1.63	1.99
Trichur	0.39	0.74	1.13	1.22	1.20	1.49
Palghat	0.28	0.51	0.63	0.72	0.76	1.03
Malappuram	..	..	0.82	0.95	0.88	1.07
Kozhikode	0.38	0.66	1.16	1.33	1.31	1.64
Cannanore	0.38	0.66	1.26	1.38	1.47	1.66
COMMODITY : LADIES FINGER/Kg.						
Trivandrum	0.64	0.84	1.13	1.24	1.15	1.30
Quilon	0.55	0.73	1.13	1.12	1.04	1.22
Alleppey	0.61	0.82	1.07	1.19	1.04	1.20
Kottayam	0.61	0.82	1.18	1.30	1.14	1.34
Idukki	..	..	1.21	1.23	1.24	1.43
Ernakulam	0.80	0.88	1.57	1.64	1.60	1.87
Trichur	0.68	1.01	1.30	1.37	1.18	1.44
Palghat	0.51	0.66	0.90	1.15	0.95	1.48
Malappuram	..	..	1.09	1.24	1.10	1.33
Kozhikode	0.73	0.69	1.30	1.50	1.54	1.79
Cannanore	0.69	0.82	1.47	1.55	1.44	1.83
COMMODITY : CUCUMBER/Kg.						
Trivandrum	0.17	0.34	0.53	0.61	0.50	0.62
Quilon	0.17	0.48	0.95	1.23	1.30	1.39
Alleppey	0.18	0.47	0.71	0.72	0.80	0.86
Kottayam	0.18	0.43	0.71	0.80	0.85	1.03
Idukki	..	..	0.91	0.75	0.98	1.20
Ernakulam	0.20	0.43	0.88	0.99	1.16	1.38
Trichur	0.15	0.46	0.73	0.80	0.88	1.28
Palghat	0.20	0.39	0.70	0.69	0.73	1.09
Malappuram	..	..	0.47	0.54	0.55	1.09
Kozhikode	0.18	0.31	0.63	0.78	0.89	1.14
Cannanore	0.17	0.34	0.59	0.72	0.81	0.98

(Contd...)

Table 15.4. (Contd...)

(In Rupees)

<i>District</i>	1960	1970	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COMMODITY: PUMPKIN/Kg.						
Trivandrum ..	0.16	0.30	0.55	0.59	0.63	0.60
Quilon ..	0.16	0.33	0.78	0.81	0.83	0.89
Alleppey ..	0.16	0.33	0.53	0.64	0.60	0.64
Kottayam ..	0.18	0.36	0.68	0.72	0.88	0.95
Idukki ..	..	..	0.69	0.69	0.66	0.84
Ernakulam ..	0.19	0.33	0.70	0.74	0.80	0.93
Trichur ..	0.20	0.39	0.65	0.73	0.75	0.89
Palghat ..	0.19	0.37	0.63	0.69	0.58	0.71
Malappuram ..	..	..	0.45	0.56	0.53	0.66
Kozhikode ..	0.18	0.30	0.57	0.68	0.73	0.89
Cannanore ..	0.18	0.36	0.60	0.68	0.77	0.89
COMMODITY: CHENAI/Kg.						
Trivandrum ..	0.25	0.58	0.84	0.93	0.90	0.80
Quilon ..	0.22	0.54	0.93	1.07	0.97	0.91
Alleppey ..	0.20	0.51	0.73	0.88	0.83	0.83
Kottayam ..	0.24	0.57	0.78	0.89	0.89	0.90
Idukki ..	..	..	0.95	0.96	0.95	1.15
Ernakulam ..	0.25	0.56	0.88	1.08	1.09	1.10
Trichur ..	0.24	0.57	0.78	1.01	1.03	1.00
Palghat ..	0.23	0.53	0.67	0.89	0.88	0.78
Malappuram ..	..	..	0.77	1.01	1.00	1.04
Kozhikode ..	0.25	0.51	0.80	0.98	1.10	1.07
Cannanore ..	0.27	0.61	0.83	1.05	1.12	1.09
COMMODITY: TAPIOCA/Kg.						
Trivandrum ..	0.09	0.25	0.56	0.45	0.37	0.50
Quilon ..	0.10	0.28	0.49	0.41	0.40	0.48
Alleppey ..	0.11	0.28	0.57	0.51	0.51	0.59
Kottayam ..	0.14	0.34	0.57	0.50	0.55	0.63
Idukki ..	..	..	0.59	0.50	0.50	0.70
Ernakulam ..	0.12	0.28	0.57	0.57	0.53	0.60
Trichur ..	0.13	0.25	0.47	0.42	0.42	0.51
Palghat ..	0.12	0.25	0.45	0.48	0.40	0.47
Malappuram ..	..	..	0.53	0.49	0.48	0.56
Kozhikode ..	0.14	0.27	0.52	0.48	0.51	0.62
Cannanore (Tellicherry variety)	0.20	0.47	0.78	0.68	0.77	0.87
COMMODITY: TEA/Kg. (BROOK BOND)						
Trivandrum ..	7.00	11.55	16.82	18.63	18.59	18.34
Quilon ..	6.03	8.71	18.18	19.99	19.22	19.14
Alleppey ..	5.46	6.44	17.20	18.83	19.69	19.00
Kottayam ..	4.99	6.82	17.61	18.51	19.31	19.15
Idukki ..	..	..	12.19p	13.84p	15.19p	14.55p
Ernakulam ..	5.82	7.00	17.22	18.96	19.34	19.00
Trichur ..	6.49	11.54	16.99	18.87	18.60	18.54
Palghat ..	6.75	8.18	16.98	18.87	18.93	18.40
Malappuram ..	..	..	17.51	19.08	18.87	18.44
Kozhikode ..	5.96	6.49	17.81	18.73	20.54	19.87
Cannanore ..	5.67	9.21	16.98	19.17	19.10	18.43

Table 15.4. (Contd...)

District	(In Rupees)					
	1960	1970	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COMMODITY: COFFEE POWDER/Kg. (BROOK BOND)						
Trivandrum ..	6.76	12.87	16.70	18.22	18.69	17.86
Quilon ..	6.66	10.89	16.85	18.25	18.85	18.50
Alleppey ..	6.20	8.57	16.70	18.13	18.78	17.67
Kottayam ..	5.15	9.77	16.70	18.07	18.78	18.50
Idukki ..	..	..	16.00R	16.00R	16.00R	15.58R
Ernakulam ..	5.51	8.61	17.00	18.44	18.79	17.97
Trichur ..	6.61	10.32	16.67	18.23	18.72	17.83
Palghat ..	6.64	11.45	16.36	18.15	18.90	18.13
Malappuram ..	..	..	16.70	18.20	18.74	17.78
Kozhikode ..	5.46	9.07	16.55	18.21	18.82	18.22
Cannanore ..	5.86	10.40	16.70	18.26	18.58	17.77
COMMODITY: BETEL LEAVES/100 Nos.						
Trivandrum ..	0.34	0.57	1.09	1.03	1.70	1.63
Quilon ..	0.30	0.53	1.04	1.11	1.39	1.29
Alleppey ..	0.36	0.70	1.06	1.35	1.80	1.66
Kottayam ..	0.28	0.62	1.18	1.49	1.95	1.89
Idukki ..	..	..	1.11	1.30	1.35	1.45
Ernakulam ..	0.25	0.51	1.31	1.46	1.88	2.22
Trichur ..	0.18	0.39	0.84	0.82	1.21	1.42
Palghat ..	0.14	0.28	0.45	0.47	0.59	0.76
Malappuram ..	..	..	0.86	0.74	0.85	1.11
Kozhikode ..	0.21	0.40	0.94	1.01	0.95	1.33
Cannanore ..	0.18	0.39	1.04	0.88	1.29	0.91
COMMODITY: ARECANUT/100 Nos.						
Trivandrum ..	3.51	4.65	6.56	4.76	5.22	7.69
Quilon ..	3.82	4.89	7.05	4.61	5.09	7.38
Alleppey ..	3.61	4.43	5.68	4.39	5.32	7.45
Kottayam ..	3.80	5.37	6.16	5.05	5.70	7.91
Idukki ..	..	..	6.33	4.91	5.28	6.25
Ernakulam ..	3.31	4.35	5.10	4.83	6.02	8.61
Trichur ..	4.08	5.81	6.51	5.90	6.51	9.47
Palghat ..	2.74	4.51	3.92	3.77	4.88	6.74
Malappuram ..	..	..	3.98	4.01	4.43	6.05
Kozhikode ..	2.45	3.58	4.96	3.82	4.80	6.56
Cannanore ..	3.46	4.22	4.13	3.69	4.19	5.51
COMMODITY: TOBACO (ORDINARY) /Kg. (VADAKKAN)						
Trivandrum ..	3.31	6.84	15.63	9.22	10.75	10.75
Quilon ..	3.32	6.05	11.92	10.82	11.34	10.14
Alleppey ..	3.55	6.53	15.25	10.58	10.79	8.97
Kottayam ..	3.57	7.75	14.43	12.48	11.63	10.35
Idukki ..	..	..	16.78	14.19	14.31	11.69
Ernakulam ..	4.76	8.00	14.98	13.98	12.59	9.94
Trichur ..	4.07	7.06	13.94	10.90	9.80	8.94
Palghat ..	3.65	6.32	15.20	12.58	11.08	9.60
Malappuram ..	..	..	15.46	13.47	12.22	12.09
Kozhikode ..	4.48	7.61	17.60	14.47	13.06	12.69
Cannanore ..	4.16	6.67	16.76	14.67	12.87	11.63

Table 15.4. (Contd...)

(In Rupees)						
District	1960	1970	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COMMODITY: TOBACCO (JAFFNA)/Kg.						
Trivandrum ..	7.00	8.41	16.63	10.99	12.24	11.98
Quilon ..	6.94	8.64	16.24	11.29	11.39	10.14
Alleppey ..	7.89	8.36	17.12	12.00	11.98	10.81
Kottayam ..	8.71	8.14	17.99	13.78	13.22	12.09
Idukki ..	..	..	20.40	15.85	15.63	13.23
Ernakulam ..	..	9.67	16.96	15.71	15.73	13.51
Trichur ..	..	13.33	16.74	13.52	12.10	11.27
Palghat ..	..	..	..	..	..	..
Malappuram ..	..	..	..	..	..	..
Kozhikode ..	..	..	..	..	..	..
Cannanore ..	..	..	..	..	..	..
COMMODITY: CORIANDER/Kg.						
Trivandrum ..	1.68	3.25	6.77	8.91	6.04	4.16
Quilon ..	1.60	3.01	6.43	7.74	5.13	3.46
Alleppey ..	1.53	2.60	6.31	7.78	4.66	3.08
Kottayam ..	1.45	2.93	6.50	7.94	5.03	3.48
Idukki ..	..	..	6.74	8.10	5.65	3.63
Ernakulam ..	1.53	2.81	7.00	8.71	5.71	4.80
Trichur ..	1.66	3.00	6.81	8.64	5.27	3.59
Palghat ..	1.60	3.26	6.65	8.10	5.33	3.60
Malappuram ..	..	..	6.30	7.35	4.21	3.07
Kozhikode ..	1.64	3.02	6.75	8.66	5.59	4.11
Cannanore ..	1.64	3.39	7.57	8.55	5.51	4.20
COMMODITY: MUTTON/Kg.						
Trivandrum ..	2.52	5.75	11.13	11.08	12.00	13.81
Quilon ..	2.46	6.00	9.37	11.14	13.80	16.69
Alleppey ..	2.50	6.23	10.67	11.08	12.63	15.42
Kottayam ..	2.74	6.00	10.17	10.10	11.98	15.53
Idukki ..	..	..	11.00	10.96	11.00	15.46
Ernakulam ..	2.72	6.17	10.63	10.50	12.25	14.86
Trichur ..	2.86	6.37	11.10	11.19	12.32	15.01
Palghat ..	2.74	6.00	10.00	9.80	11.25	14.52
Malappuram ..	..	..	10.13	10.46	12.07	14.46
Kozhikode ..	2.88	6.25	11.53	11.78	13.62	16.98
Cannanore ..	3.31	6.34	10.07	11.26	13.15	15.31
COMMODITY: BEEF/Kg.						
Trivandrum ..	1.11	2.50	4.57	4.54	5.53	6.60
Quilon ..	0.95	2.50	4.37	5.05	5.45	6.74
Alleppey ..	1.10	2.66	4.60	4.62	5.13	6.63
Kottayam ..	1.10	2.67	4.24	4.24	5.12	6.14
Idukki ..	..	..	4.16	3.50	3.49	5.41
Ernakulam ..	1.00	2.23	3.88	3.94	4.80	6.23
Trichur ..	1.21	2.23	4.51	4.27	5.15	6.11
Palghat ..	1.06	2.17	4.00	4.00	4.65	5.00
Malappuram ..	..	..	3.26	3.31	3.86	4.88
Kozhikode ..	1.13	2.24	4.00	4.00	4.67	6.32
Cannanore ..	0.93	2.16	4.00	4.00	4.75	5.73

(Contd..)

Table 15.4. (Contd...)

(In Rupees)

District	1960	1970	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COMMODITY: FIREWOOD (SPLIT)/10 Kgs.						
Trivandrum ..	0.42	0.94	2.07	2.08	2.78	4.12
Quilon ..	0.34	0.70	1.81	1.86	2.12	2.80
Alleppey ..	0.38	0.78	2.00	2.00	2.25	3.45
Kottayam ..	0.27	0.66	1.20	1.17	1.35	1.87
Idukki ..	..	..	0.80	0.80	0.80	0.80
Ernakulam ..	0.45	0.71	1.80	1.84	2.23	2.86
Trichur ..	0.40	0.73	1.72	1.74	2.02	2.63
Palghat ..	0.40	0.83	2.16	2.21	2.42	2.98
Malappuram ..	..	..	1.38	1.38	1.51	2.18
Kozhikode ..	0.39	0.95	1.80	1.78	1.87	2.15
Cannanore ..	0.42	1.10	2.14	2.20	2.43	3.20
COMMODITY: KEROSENE/Litre.						
Trivandrum ..	0.41	0.61	1.34	1.35	1.37	1.50
Quilon ..	0.37	0.60	1.33	1.34	1.35	1.49
Alleppey ..	0.37	0.59	1.31	1.31	1.33	1.46
Kottayam ..	0.39	0.60	1.31	1.32	1.34	1.47
Idukki ..	..	..	1.33	1.33	1.33	1.49
Ernakulam ..	0.37	0.59	1.31	1.31	1.33	1.46
Trichur ..	0.37	0.59	1.31	1.31	1.33	1.47
Palghat ..	0.37	0.59	1.31	1.33	1.35	1.48
Malappuram ..	..	..	1.34	1.34	1.36	1.49
Kozhikode ..	0.37	0.63	1.35	1.36	1.38	1.51
Cannanore ..	0.37	0.64	1.36	1.37	1.39	1.52
COMMODITY: WASHING CHARGE/100 Nos.						
Trivandrum ..	9.75	19.25	25.00	26.33	30.00	35.31
Quilon ..	10.81	20.00	30.00	30.00	30.00	34.25
Alleppey ..	10.35	25.00	32.29	30.00	30.00	37.55
Kottayam ..	12.15	23.75	30.00	30.00	30.00	47.15
Idukki ..	..	..	30.00	30.00	30.00	36.11
Ernakulam ..	10.78	23.33	33.33	33.33	33.33	36.59
Trichur ..	9.33	17.50	30.00	30.00	30.00	34.58
Palghat ..	9.17	15.87	25.00	25.00	25.00	26.46
Malappuram ..	..	..	27.50	29.33	30.00	40.92
Kozhikode ..	12.13	15.00	31.67	31.67	31.67	33.41
Cannanore ..	11.88	25.00	35.00	37.08	40.00	40.00
COMMODITY: MUNDU/EACH (DHOTI HANDLOOM)						
Trivandrum ..	2.66	3.44	10.70	11.00	13.00	13.98
Quilon ..	2.91	3.87	7.11	7.65	8.40	8.90
Alleppey ..	2.57	4.38	5.70	6.45	8.71	9.02
Kottayam ..	2.66	3.75	6.44	7.97	9.08	10.09
Idukki ..	..	..	5.95	6.84	8.50	9.35
Ernakulam ..	2.66	4.03	8.02	8.22	8.53	9.47
Trichur ..	2.70	3.55	7.15	7.84	8.31	9.05
Palghat ..	2.42	2.99	8.16	7.73	7.86	8.04
Malappuram ..	..	..	8.18	8.02	8.99	10.98
Kozhikode ..	2.64	3.80	7.54	10.05	10.33	11.43
Cannanore ..	2.72	3.46	8.62	9.00	9.57	9.59

15.5. Yearly average prices of different varieties of coir

(Unit/Qt. Price in Rs.)

Variety	1960	1970	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Anjengo	88.11	141.27	293.42	325.31	372.71	533.49
Anjengo lowest variety	79.10	..	..	..	..	..
Mangadan	80.34	134.63	230.55	248.44	285.62	360.50
Ashtamudi	68.81	98.96	174.08	204.67	238.94	316.88
Alapat	..	127.15	222.82	236.47	225.97	277.25
Aratory	80.12	153.16	290.83	303.62	309.96	418.47
Vaikom yarn	77.27	152.82	245.58	249.10	275.10	371.91
Beach Yarn - thin	..	89.35	150.15	150.04	154.99	233.59
Parur yarn - thin	80.16	129.55	209.78	214.15	N.T.	N.T.
M.K. Yarn (sandy)	50.01	142.97	240.27	255.23	289.51	377.57
M.K. Yarn (without sand)	81.59	144.09	..	..	..	..
Parur yarn (thick)	71.63	116.95	197.25	214.45	242.37	350.93
Vanna coir	..	101.75	161.71	160.99	189.34	246.68
Mangadan coir	..	141.19	218.11	249.51	299.67	351.23
Beypore	..	118.50	213.00	213.79	253.52	375.40
Quilandy coir	..	119.01	214.67	239.63	275.38	391.31
Pachahoodi	..	80.52	122.70	143.27	182.38	252.17
Tirur coir	..	111.58	172.46	180.21	243.28	326.05

Source: Bureau of Economics and Statistics

15.6. Yearly average export prices at Mattancherry

Commodity	Unit	1960	1970	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Paddy	Qt.	..	..	..	..	..	..
2. Rice	"	60.43	..	..	..	..	..
3. Horsegram	"	37.97	68.10	118.27	142.30	125.55	126.74
4. Bengalgram	"	45.96	122.20	195.36	227.60	271.33	275.43
5. Blackgram	"	53.80	127.33	226.91	285.53	294.20	299.94
6. Greengram	"	65.13	148.70	197.88	251.42	321.10	379.40
7. Wheat	"	57.73	124.55	..	..	..	189.42
8. Wheat flour	"	58.03	107.91	..	173.50	..	..
9. Dhall	"	58.37	..	..	..	..	..
10. Coconut oil	"	233.80	683.00	926.48	1069.73	1169.47	1154.28
11. Copra office mill	"	152.63	451.62	584.20	701.80	775.14	758.68
12. Coconut oil cake	"	42.92	105.98	148.05	175.66	174.63	166.31
13. Coir yarn (Mangadan ordinary)	"	87.80	147.44	760.08	807.63	997.89	1133.00
14. Pepper (Ungraded)	"	510.95	649.57	1435.93	1718.39	1694.88	1497.67
15. Turmeric (Salem)	"	104.10	383.23	368.92	703.32	781.22	469.44
16. Ginger (Dry ginger)	"	..	..	..	..	..	..
(Unbleached)	"	162.71	986.36	1279.81	1457.75	1129.96	539.38
17. Groundnuts (Unhusked)	"	72.74	222.99	264.00	393.13	475.00	303.17
18. Groundnut oil	"	199.70	487.28	670.94	..	..	..
19. Cashewnuts - African	Ton	823.90	1825.30	2223.88	..	..	..
20. Cashewnuts - Indian	"	729.40	..	..	..	..	..
21. Cashewkernels	Kg.	5.27	12.24	18.21	..	..	..
22. Gingelly	Qt.	118.38	273.69	448.90	521.69	472.67	488.55
23. Sugar	Bag	119.02	179.49	462.60	407.30	303.87	264.31
24. Jaggery	Qt.	49.84	78.29	227.80	201.91	145.27	201.92
25. Chillies	"	249.05	571.95	767.08	805.48	786.64	765.57
26. Tamarind	"	91.89	122.42	254.97	294.61	377.25	482.15
27. Mutton	Kg.	2.59	6.00	10.00	10.00	10.03	12.26
28. Lemongrass oil	Per 10 Kg.	168.14	389.32	544.33	602.17	643.10	734.27
29. Tea Leaf	Kg.	5.55	6.25	11.28	17.55	11.95	12.52
Tea Dust	"	..	..	11.08	15.24	13.09	11.80
30. Ghee	"	5.96	..	..	..	..	..
31. Coconut (Husked)	Per 1000	204.15	..	761.19	909.82	1059.29	1026.00
32. Coconut (Unhusked)	"	225.84	581.84	646.62	818.31	880.70	854.00
33. Beef	Kg.	0.89	2.25	4.00	4.00	4.03	6.03
34. Tapioca	"	..	..	..	..	..	..
35. Cardamom	"	28.20	69.37	118.97	127.11	138.69	144.36

Source: Bureau of Economics and Statistics

15.7.1. Index Numbers of parity between prices received and paid by farmers 1960-61

	July	August	September	October	November	December	January	February	March	April	May	June	Average
Prices received	115	110	107	107	106	105	103	103	105	114	112	112	108
Domestic expenditure	117	117	118	120	120	119	118	119	119	120	122	122	119
Farm cultivation cost	112	112	113	113	114	115	118	119	118	123	123	120	117
Prices paid	114	114	115	116	117	117	118	119	118	121	121	121	118
Parity	101	97	93	92	91	90	87	87	89	94	93	93	92

15.7.2. Index number of parity between prices received and paid by farmers 1970-71

	July	August	September	October	November	December	January	February	March	April	May	June	Average
Prices received	256	260	259	256	248	242	239	234	234	238	234	230	244
Domestic expenditure	217	218	220	218	219	218	217	213	213	213	215	217	217
Farm cultivation cost	269	279	278	280	276	276	270	265	270	271	276	272	274
Prices paid	242	247	247	247	245	245	242	238	240	240	244	243	243
Parity	107	105	105	104	101	99	99	98	98	99	96	95	101

15.7.3. Index numbers of parity between prices received and paid by farmers 76-77

	July	August	September	October	November	December	January	February	March	April	May	June	Average
Prices received	427	412	419	425	436	427	420	415	418	433	433	423	424
Domestic expenditure	362	356	352	351	353	352	348	343	343	344	346	348	350
Farm cultivation cost	471	469	474	476	475	482	480	480	488	489	484	484	479
Prices paid	413	409	408	409	410	412	409	406	409	410	409	410	410
Parity	103	100	103	104	106	104	103	102	102	106	106	103	104

15.7.4. Index numbers of parity between prices received and paid by farmers 1977-78

	July	August	September	October	November	December	January	February	March	April	May	June	Average
Prices received	424	413	412	407	421	427	421	416	421	438	434	433	422
Domestic expenditure	343	347	348	348	346	350	350	346	347	349	354	360	349
Farm cultivation cost	491	488	492	493	494	492	481	483	491	487	497	495	490
Prices paid	413	412	414	414	413	415	410	409	413	412	419	422	414
Parity	103	100	100	98	102	105	103	102	102	106	104	103	102

15.7.5. Index numbers of parity between prices received and paid by farmers 1978-79

	July	August	September	October	November	December	January	February	March	April	May	June	Average
Prices received	431	426	436	435	433	419	411	417	427	431	425	437	427
Domestic expenditure	363	363	364	363	364	363	362	361	365	373	375	379	366
Farm cultivation cost	499	503	509	512	508	517	515	519	524	524	528	535	516
Prices paid	426	427	430	431	430	433	432	433	437	442	445	450	435
Parity	101	100	101	101	101	97	95	96	98	98	96	97	98

15.7.6. Index numbers of parity between prices received and paid by farmers 1979-80

	July	August	September	October	November	December	January	February	March	April	May	June	Average
Prices received	445	446	443	444	453	456	459	470	468	..	..	..	..
Domestic expenditure	385	392	395	396	402	413	414	414	418	..	..	..	..
Farm cultivation cost	540	542	550	551	560	555	561	565	565	..	..	..	..
Prices paid	456	461	466	467	474	479	482	484	486	..	..	..	..
Parity	92	97	95	95	96	95	95	97	96	..	..	..	..

15.8.1. Index numbers of wholesale prices (Group-wise) 1960

Group	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Rice	111	113	113	117	123	124	124	128	128	128	131	129	122
Molasses	117	118	120	120	120	120	112	113	106	96	99	99	112
Condiments and Spices	122	127	135	152	169	193	172	122	115	113	115	110	137
Fruits and Vegetables	97	98	98	99	95	91	85	82	81	80	81	79	89
Food crops	111	113	114	120	126	129	125	118	118	117	119	117	119
Oil seeds	133	138	136	138	136	137	138	139	142	145	149	154	140
Plantation crops	111	112	113	113	113	111	109	110	111	111	111	111	111
Non-food crops	126	130	121	131	129	129	130	130	132	135	137	141	132
All crops	116	119	120	124	127	129	127	123	123	123	126	125	124

15.8.2. Index numbers of wholesale prices (Group-wise) 1970

Group	January	February	March	April	May	June	July	August	September	October	November	December	Average
Rice	208	208	209	209	209	209	209	209	209	209	209	209	209
Molasses	165	159	161	151	151	160	162	177	198	188	201	196	172
Condiments & Spices	222	251	270	294	312	284	230	204	192	186	183	179	234
Fruits and Vegetables	207	202	195	200	192	219	219	228	240	238	229	230	217
Food crops	208	212	215	219	221	221	212	210	211	209	208	207	213
Oil seeds	341	343	334	333	367	375	369	381	394	404	401	391	369
Plantation crops	127	131	135	137	137	138	141	152	143	147	156	147	141
Non-food crops	276	279	274	274	297	303	300	312	318	327	327	317	300
All crops	233	237	237	239	249	251	244	247	250	252	251	247	245

15.8.3. Index numbers of wholesale prices (Group-wise) 1976

Group	January	February	March	April	May	June	July	August	September	October	November	December	Average
Rice	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	313.7	318.7	318.7	318.7	318.7
Molasses	415.5	394.7	357.9	420.8	414.7	408.6	426.2	451.4	438.7	426.3	466.1	446.0	423.1
Condiments and Spices	209.9	223.0	246.9	300.0	354.5	453.2	504.2	345.1	300.6	295.8	299.0	278.1	317.5
Fruits and Vegetables	384.7	369.8	370.5	363.6	377.2	382.5	391.7	386.5	383.8	386.0	391.4	375.3	380.3
Food crops	315.2	314.2	317.0	326.5	337.5	354.3	364.8	338.7	330.6	330.1	332.5	325.7	332.3
Oil seeds	480.1	459.9	459.5	487.1	457.8	441.5	481.7	486.9	555.5	622.0	670.4	699.0	525.1
Plantation crops	238.1	237.0	235.8	236.6	232.3	234.2	235.7	235.4	234.4	232.8	239.1	238.5	235.8
Non-food crops	407.0	392.6	391.9	411.4	389.7	378.9	407.4	410.9	458.5	504.5	540.1	559.9	437.7
All crops	348.7	342.8	344.3	357.5	356.6	363.3	380.3	365.1	377.3	393.8	408.3	411.2	370.8

15.8.4. Index numbers of wholesale prices (Group-wise) 1977

Group	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Rice	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7
Molasses	400.6	368.6	360.1	373.6	384.5	371.8	336.0	349.2	329.3	359.4	439.9	343.4	368.0
Condiments and Spices	301.2	308.0	316.9	341.7	348.3	340.6	316.2	307.1	294.0	286.8	264.3	280.7	308.8
Fruits and Vegetables	361.1	414.4	418.2	491.1	544.0	544.8	542.7	537.9	534.3	528.9	521.1	519.3	496.5
Food crops	325.6	334.7	336.5	383.3	363.7	362.2	356.7	354.8	351.4	350.3	347.9	347.2	348.7
Oil seeds	700.7	663.3	596.3	579.7	577.9	542.0	542.4	539.8	582.0	616.7	639.0	688.7	605.7
Plantation crops	247.4	282.5	338.0	367.6	343.5	324.0	307.9	306.7	305.3	302.9	295.8	293.3	309.6
Non-food crops	563.8	548.3	518.3	515.6	507.1	476.2	471.6	469.4	498.4	521.9	535.4	569.3	516.3
All crops	412.5	412.6	402.9	412.5	416.0	403.8	398.6	396.6	405.1	412.9	416.3	428.3	409.8

15.8.5. Index numbers of wholesale prices 1978

Group	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Rice	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7
Molasses	293.6	285.9	279.4	273.4	265.1	271.8	278.9	295.4	324.8	298.2	311.6	285.8	288.7
Condiments and Spices	294.4	287.3	309.9	354.9	400.2	368.5	316.5	309.0	319.9	318.1	303.3	302.1	323.7
Fruits and Vegetables	530.8	526.4	534.0	533.6	512.2	508.3	599.7	605.4	611.7	603.3	599.1	594.0	563.2
Food crops	349.8	347.6	352.4	359.5	363.0	357.4	364.6	364.8	368.7	366.0	363.4	361.5	359.9
Oil seeds	669.4	657.7	669.7	672.9	673.1	663.4	663.0	655.1	706.6	712.9	705.6	669.8	676.6
Plantation crops	288.4	284.8	291.9	307.5	316.4	320.1	323.0	313.1	330.1	313.7	298.9	303.1	307.6
Non-food crops	554.3	545.1	555.6	562.5	565.4	559.7	560.3	551.9	592.9	592.3	582.8	559.1	565.2
All crops	424.4	419.7	426.6	433.6	436.9	431.2	436.0	433.1	450.5	448.6	443.5	433.6	434.8

15.8.6. Index numbers of wholesale prices 1979

Group	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Rice	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7
Molasses	305.7	282.1	293.9	306.7	319.3	353.8	381.3	429.6	427.3	442.4	511.4	559.2	384.4
Condiments and Spices	308.7	347.4	381.8	472.0	517.8	491.3	367.5	328.4	333.5	339.3	318.1	326.8	377.7
Fruits and Vegetables	602.4	480.6	487.3	467.6	479.0	491.7	521.7	528.4	535.2	536.5	547.5	541.8	518.3
Food crops	364.6	349.6	356.7	368.5	378.3	377.2	363.0	359.3	361.2	362.8	363.4	365.4	364.2
Oil seeds	648.5	642.4	647.4	628.0	593.6	607.1	641.6	650.5	665.9	663.0	689.6	700.1	648.1
Plantation crops	307.2	303.0	300.3	309.4	312.4	307.6	305.2	308.3	297.6	302.2	306.7	310.4	305.9
Non-food crops	545.4	539.9	542.6	531.8	508.7	516.7	540.0	547.2	554.7	554.0	574.0	582.4	544.8
All crops	430.6	419.1	424.5	428.1	425.9	428.1	427.6	427.9	431.8	432.6	440.3	444.6	429.7

15.8.7. Index numbers of wholesale prices year 1980.

Group	January	February	March
(1)	(2)	(3)	(4)
Rice	318.7	318.7	318.7
Molasses	481.6	517.1	524.5
Condiments and Spices	375.8	399.2	426.1
Fruits and Vegetables	534.7	588.0	591.7
Food crops	369.7	383.7	388.9
Oil seeds	708.1	747.1	738.5
Plantation crops	321.4	319.4	321.8
Non-food crops	591.3	617.9	612.7
All crops	450.6	469.2	470.6

Source: Bureau of Economics and Statistics.

15.9.1. Whole sale price index numbers-Commodity-wise 1960

Commodity	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Rice	111.1	112.5	113.4	116.7	123.2	123.5	123.9	127.5	128.4	128.3	131.2	128.9	122.4
Molasses	116.5	117.8	119.9	120.0	120.5	119.5	112.4	113.4	105.9	95.6	99.2	98.5	111.6
Pepper	57.8	48.0	49.7	55.8	56.2	56.2	56.1	48.9	46.3	42.4	40.7	35.1	49.4
Ginger	135.5	112.8	104.9	116.1	110.1	112.5	111.4	107.0	107.3	109.0	102.8	94.6	110.3
Turmeric	221.3	249.9	217.9	212.0	198.5	191.7	193.1	191.8	192.7	207.0	215.8	205.5	208.1
Areca nut	138.7	150.1	160.5	184.0	210.8	244.7	213.9	142.0	132.9	131.3	136.6	132.2	164.8
Cardamom	120.5	120.6	124.4	129.3	122.5	119.9	122.9	128.6	127.2	115.3	107.4	105.2	120.3
Banana	107.2	122.7	122.1	140.0	143.8	157.0	142.5	128.4	121.4	107.6	104.6	101.7	124.9
Gingelly	106.2	109.8	110.7	107.1	117.0	124.0	125.5	140.9	145.2	143.3	143.2	145.8	126.6
Groundnut	107.8	116.8	118.2	121.7	122.4	116.8	116.8	121.7	123.2	121.8	131.7	126.2	120.4
Cashewnut	96.8	100.7	96.9	96.1	92.0	88.7	89.4	89.2	88.3	88.5	88.6	88.8	92.0
Tapioca	94.3	91.8	93.1	93.1	86.8	78.8	68.2	63.9	64.6	65.9	68.4	64.6	77.8
Coconut	132.6	138.4	136.3	138.2	136.1	137.1	138.2	138.4	141.7	144.8	148.2	153.3	140.3
Lemongrass oil	179.9	171.9	164.2	163.1	156.4	157.3	167.9	165.4	160.1	165.7	187.5	198.4	169.8
Tea	110.1	112.2	112.7	112.5	112.2	108.8	107.6	109.4	110.4	111.0	109.4	110.3	110.6
Coffee	104.0	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	111.6	111.2	105.5
Rubber	116.5	115.1	119.1	120.1	119.5	120.8	115.0	113.7	113.8	114.6	113.0	111.9	116.1

15.9.2. Wholesale price index numbers Commodity-wise—1970

Commodities	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Rice	207.6	207.6	208.8	208.8	208.8	208.8	208.8	208.8	208.8	208.8	208.8	208.8	208.6
Molasses	164.8	159.3	161.4	151.4	150.8	160.4	162.2	176.5	197.9	187.8	201.0	195.6	172.4
Pepper	57.9	61.9	62.0	56.5	54.7	66.6	69.1	70.4	70.0	65.1	60.6	56.3	62.6
Ginger	697.1	696.7	677.0	700.1	708.7	806.0	788.6	673.6	675.7	670.2	619.6	459.0	681.0
Turmeric	1381.5	1230.0	1057.5	1091.4	880.0	952.5	896.5	896.5	896.5	896.5	896.5	896.5	997.7
Areca nut	196.7	236.3	276.6	305.6	339.1	305.9	227.6	193.8	177.0	181.4	178.3	177.7	233.0
Cardamom	477.7	511.2	495.7	495.6	464.7	350.1	333.6	332.3	326.3	253.1	258.9	283.5	381.9
Banana	242.0	255.2	270.0	272.7	301.0	309.7	298.1	268.9	306.0	282.0	262.1	249.6	276.4
Gingelly	282.0	283.8	305.2	258.4	303.4	314.9	307.9	317.0	303.4	273.1	278.8	291.8	293.3
Groundnut	325.4	330.9	335.1	349.5	361.2	383.9	390.9	410.3	397.1	324.3	303.3	289.5	350.1
Cashewnut	231.3	220.2	205.6	221.8	191.9	227.9	233.0	242.7	254.0	254.0	241.1	249.0	412.9
Lemongrass	516.0	555.2	499.9	454.4	430.3	429.7	417.9	372.5	337.2	232.8	211.6	209.3	189.3
Tapioca	174.2	172.6	168.3	162.5	168.5	191.9	188.5	204.4	212.6	211.6	209.3	206.7	369.7
Coconut	338.7	340.1	331.8	332.2	366.4	374.7	368.4	381.5	395.6	407.8	404.4	395.2	416.3
Tea	103.0	109.9	115.8	118.7	119.2	120.0	123.7	127.7	113.0	114.9	114.9	114.9	116.3
Coffee	176.8	176.8	182.3	182.3	182.3	189.2	204.4	268.0	259.7	171.7	290.7	266.6	220.9
Rubber	157.7	155.3	155.6	156.9	154.8	151.6	146.9	146.7	152.6	157.1	180.1	157.6	156.1

15.9.3. Wholesale price index numbers Commodity-wise—1976

Commodity	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Rice	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7
Molasses	415.5	394.7	357.9	420.8	414.7	408.6	426.2	451.4	438.7	436.9	466.1	446.0	423.1
Pepper	110.8	110.8	118.2	131.0	131.4	144.2	151.1	149.7	151.6	153.0	166.3	145.9	138.7
Ginger	498.0	474.1	523.7	705.4	783.0	932.9	1048.2	1024.9	1110.5	1154.4	1027.9	787.1	839.2
Turmeric	744.1	606.8	581.6	715.5	730.9	854.4	896.5	896.5	869.5	896.5	896.5	896.5	801.0
Areca nut	177.3	191.6	227.0	285.4	349.6	477.8	544.1	311.2	237.8	217.3	192.7	181.8	282.8
Cardamom	498.8	553.8	526.7	576.2	666.1	712.5	731.1	711.1	731.6	808.3	1024.9	999.6	711.7
Banana	467.2	497.9	462.1	463.5	630.0	688.7	614.4	559.9	560.5	546.9	572.7	482.7	545.5
Cashewnut	394.6	361.4	345.8	332.3	345.5	353.9	388.6	388.6	388.6	388.6	388.6	388.6	372.1
Lemongrass oil	534.7	553.5	572.7	559.6	498.6	469.3	514.2	553.7	627.0	646.6	612.5	516.1	554.9
Tapioca	357.3	351.5	376.5	374.6	356.6	347.5	348.2	348.0	342.0	349.6	356.2	339.3	353.9
Coconut	480.7	459.8	459.1	487.5	458.1	441.5	481.5	485.7	555.6	623.5	674.1	704.4	526.0
Tea	229.9	230.6	232.6	234.8	236.0	240.4	233.2	234.1	235.4	237.1	238.0	238.6	235.1
Coffee	283.7	286.4	285.3	284.9	288.1	289.2	297.7	311.7	318.7	319.6	325.2	330.9	301.8
Rubber	233.5	226.5	218.0	216.3	195.6	192.0	209.8	199.5	189.4	179.1	197.8	191.2	204.1
Groundnut	395.0	371.2	362.3	357.8	343.3	351.6	446.7	488.1	488.1	579.1	579.1	537.7	441.7
Sesamum	427.3	420.4	428.4	473.3	482.0	482.0	485.3	502.3	508.7	498.7	511.4	593.3	484.4

15.9.4. Wholesale price index numbers commodity-wise—1977

Commodity	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Rice	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7
Molasses	400.6	368.6	360.1	373.6	384.5	371.8	336.0	349.2	329.3	359.4	439.9	343.4	368.0
Pepper	159.4	158.2	165.9	171.3	172.5	173.7	173.7	162.5	166.6	160.8	158.1	163.9	165.6
Ginger	776.8	795.7	1038.4	1131.9	1130.2	1066.2	1062.5	1027.2	1052.6	971.9	821.9	807.6	973.6
Turmeric	872.1	889.5	1012.4	1177.4	1195.7	1414.7	1669.7	1680.9	1494.1	1456.7	1666.8	1493.6	1335.3
Areca nut	208.3	214.7	213.4	246.6	282.6	271.1	229.8	231.4	219.7	214.5	175.5	190.7	224.9
Cardamom	1032.6	1053.3	1053.3	1025.4	840.3	840.3	855.0	782.2	728.0	729.3	802.9	873.6	884.7
Banana	435.0	459.7	457.7	440.3	511.2	560.1	543.3	532.6	508.5	489.1	414.7	411.8	480.3
Cashewnut	388.6	517.1	517.1	683.3	785.8	785.8	789.2	789.2	789.2	789.2	789.2	789.2	701.1
Lemongrass oil	604.9	630.0	636.5	640.7	622.9	542.2	575.6	600.1	638.1	630.4	637.3	638.4	616.4
Tapioca	317.7	300.4	309.2	306.2	304.8	296.3	291.7	283.3	280.3	272.4	270.4	267.2	291.7
Coconut	705.8	665.6	595.8	578.5	576.3	539.8	539.9	536.9	580.5	617.0	640.4	691.7	605.7
Tea	244.4	297.9	395.3	446.0	405.1	376.0	347.3	341.9	342.2	335.8	327.0	326.1	348.8
Coffee	351.0	365.6	355.1	341.9	335.6	324.8	327.1	324.8	323.2	324.6	325.8	321.0	335.0
Rubber	201.7	205.3	198.6	201.8	207.1	204.9	208.2	217.1	212.1	217.0	209.4	204.5	207.3
Groundnut	537.7	620.5	620.5	620.5	632.9	678.4	670.1	670.1	670.1	670.1	670.1	670.1	644.3
Sesamum	531.5	544.9	558.9	565.0	609.4	613.8	597.8	593.9	555.1	522.7	492.0	512.1	558.1

15.9.5. Wholesale price index numbers commodity-wise—1978

Commodity	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Rice	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	18.7	318.7	318.7	318.7
Molasses	293.6	285.9	279.4	273.4	265.1	271.8	278.9	295.4	324.8	298.2	311.6	285.8	288.7
Pepper	163.4	157.6	156.4	169.6	165.9	169.2	171.0	165.6	166.3	169.3	168.6	155.5	164.9
Ginger	787.9	769.9	773.9	886.3	960.3	874.4	806.6	752.1	668.1	659.9	589.6	505.0	752.8
Turmeric	1385.0	1458.8	1845.3	2011.3	2087.9	2297.2	1961.0	1400.7	1411.9	1456.7	1456.7	1512.8	1690.4
Areca nut	209.8	210.3	244.2	297.8	350.8	296.8	247.2	227.8	231.1	232.7	217.6	220.8	248.9
Cardamom	898.4	832.6	799.3	817.1	894.5	944.9	797.8	929.0	1041.9	1005.5	981.0	993.4	911.3
Banana	486.6	534.0	590.5	548.7	588.4	589.3	546.7	488.5	528.8	516.9	1486.0	1424.3	527.4
Cashewnut	789.2	783.3	786.5	789.2	717.5	697.8	884.6	884.6	884.6	884.6	884.6	884.6	822.6
Lemongrass oil	646.5	655.4	662.8	659.0	652.7	659.8	645.0	636.7	648.3	664.0	674.6	704.3	659.1
Tapioca	277.0	263.4	265.2	270.3	287.4	298.5	320.8	345.8	351.2	335.0	332.3	333.7	306.7
Coconut	671.8	659.5	671.7	675.0	674.4	663.2	663.2	655.1	708.2	749.8	707.4	670.0	680.8
Tea	314.2	308.4	317.4	335.7	328.2	319.9	301.9	307.9	310.1	312.3	296.8	290.3	311.9
Coffee	325.2	322.7	323.2	323.0	323.0	321.7	321.1	318.7	320.9	321.1	318.3	315.6	321.2
Rubber	210.9	211.7	217.8	235.2	286.1	319.8	372.2	322.1	380.4	313.2	293.9	326.6	290.8
Groundnut	670.1	670.1	670.1	670.1	744.5	827.3	827.3	827.3	827.3	827.3	827.3	827.3	768.0
Sesamum	490.0	493.6	503.4	506.1	521.6	534.2	520.0	528.1	535.5	501.8	475.9	460.5	505.9

15.9.6. Wholesale price index numbers commodity-wise 1979

Commodity	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Rice	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7	318.7
Molasses	305.7	282.1	293.9	306.7	319.3	353.8	381.3	429.6	427.3	442.4	511.4	559.2	384.4
Pepper	146.2	144.0	144.1	139.4	139.0	140.1	151.3	149.5	149.0	149.8	146.7	138.5	144.8
Ginger	453.1	410.5	403.0	378.9	344.0	329.4	332.2	320.3	334.0	333.8	309.3	307.0	354.6
Turmeric	1216.0	1164.8	1179.8	1262.1	1202.7	1121.4	1008.5	963.7	868.4	868.4	868.4	868.4	1049.4
Areca nut	239.9	292.9	356.2	495.1	562.3	522.3	342.2	287.3	288.3	292.9	380.5	321.2	356.8
Cardamom	988.7	1041.7	957.3	933.3	956.5	969.7	929.4	917.5	968.3	993.9	875.7	699.6	936.0
Banana	421.7	471.1	514.4	510.5	575.8	554.5	562.0	544.1	628.1	594.6	621.5	547.0	545.4
Cashewnut	884.6	610.2	612.3	561.3	572.4	610.7	658.3	658.3	658.3	658.3	658.3	658.3	650.1
Lemongrass oil	758.7	798.3	817.5	801.5	791.1	709.6	702.3	736.8	719.7	692.6	659.2	658.8	737.2
Tapioca	353.0	350.2	354.4	363.2	363.7	357.5	374.2	392.9	390.5	400.3	419.2	422.2	378.4
Coconut	650.4	644.2	648.9	628.7	593.2	608.1	643.1	650.8	666.9	665.1	692.4	703.0	649.6
Tea	299.7	293.4	284.6	283.7	278.5	280.8	277.6	279.9	284.9	289.3	301.1	311.6	288.8
Coffee	315.6	318.3	326.6	326.6	326.6	328.8	329.8	327.9	321.1	316.8	316.0	317.9	322.7
Rubber	319.9	317.1	322.7	359.2	382.4	358.0	355.5	363.2	314.7	324.3	314.7	303.7	336.3
Groundnut	496.4	430.2	442.6	469.9	459.1	483.1	521.2	575.0	590.1	521.2	579.1	579.1	512.3
Sesamum	469.1	465.9	469.9	476.6	477.9	491.1	537.5	572.3	575.7	566.7	582.6	609.1	524.5

15.9.7. Wholesale price index numbers commodity-wise 1980

Commodity	January	February	March
(1)	(2)	(3)	(4)
Rice	318.7	318.7	318.7
Molasses	481.6	517.1	524.5
Condiments and Spices	375.8	399.2	426.1
Fruits and vegetables	534.7	588.0	591.7
Food crops	369.7	383.7	388.9
Oil seeds	708.1	747.1	738.5
Plantation crops	321.4	319.4	321.8
Non-food crops	591.3	617.9	612.7
All crops	450.6	469.2	470.6

Source: Bureau of Economics and Statistics

15.10.1. Consumer price index numbers for selected centres in the state 1960

Centre	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	448	445	443	444	455	456	454	451	455	464	474	480	456
Quilon	457	446	440	444	455	458	453	457	460	467	464	460	455
Punalur	451	448	450	451	462	460	460	455	451	465	471	471	458
Alleppey	422	423	418	427	442	445	445	447	450	456	451	443	439
Changanacherry	437	433	423	430	442	449	452	454	457	459	465	459	447
Kottayam	428	429	426	428	435	445	448	449	451	458	461	455	443
Alwaye	462	449	446	447	457	466	468	470	470	476	472	463	462
Ernakulam	436	441	438	443	457	467	472	472	475	485	490	484	463
Trichur	444	446	447	452	456	467	468	468	469	479	483	486	464
Chalakydy	465	460	462	461	465	478	479	481	485	488	490	480	475
Munnar	441	448	451	455	461	468	468	469	467	470	475	480	463
Kozhikode	452	455	452	461	476	479	483	477	481	480	481	474	471

15.10.2. Consumers price index numbers for selected centres in the state 1970

Centre	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	853	863	845	848	857	863	859	864	873	869	873	870	861
Quilon	836	848	832	837	845	851	844	849	858	853	857	851	847
Punalur	821	831	815	820	831	838	830	833	840	834	839	835	831
Alleppey	839	848	831	834	841	847	844	851	859	852	856	852	846
Changanacherry	849	861	843	847	855	862	858	862	871	863	864	858	858
Kottayam	855	866	851	856	865	874	869	875	882	875	876	873	868
Alwaye	843	854	838	843	851	859	854	857	864	858	861	857	853
Ernakulam	866	878	860	864	871	878	874	880	886	883	886	882	876
Trichur	863	874	857	861	867	873	867	871	878	872	874	873	869
Chalakydy	863	875	857	861	869	876	869	876	882	875	875	870	871
Munnar	782	791	774	775	785	797	800	804	811	804	805	805	794
Sherthalai	822	832	815	819	829	837	830	837	847	840	844	840	833
Kozhikode	933	947	928	934	943	950	943	949	958	950	954	949	945

15.10.3. Consumer price index numbers for selected centres in the state - 1976

(Base - 1970-100)

Centre	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	173	166	164	164	163	163	166	164	161	161	162	162	164
Quilon	173	167	166	167	165	166	169	167	165	164	165	164	167
Punalur	173	167	165	165	163	163	167	165	163	163	163	163	165
Alleppey	173	166	164	164	162	163	167	164	162	161	162	162	164
Kottayam	166	159	157	158	156	156	160	158	156	155	157	157	158
Mundakayam	177	170	169	170	167	167	169	166	163	162	162	162	167
Munnar	181	175	173	175	173	174	177	176	174	174	175	175	175
Ernakulam	169	162	161	162	160	160	164	161	159	159	160	160	161
Chalakuudi	169	164	164	166	164	164	167	164	162	161	161	161	164
Trichur	168	162	162	164	163	164	167	164	162	161	162	161	163
Palghat	168	163	162	164	162	162	165	163	162	162	163	163	163
Malappuram	168	162	161	162	160	160	164	162	160	160	161	161	162
Kozhikode	171	166	165	167	165	166	169	166	164	163	164	164	166
Meppady	173	169	168	169	166	166	170	167	165	164	165	165	167
Cannanore	167	161	160	162	160	161	164	161	158	157	159	158	161

15.10.4 Consumer price index numbers for selected centres in the state - 1977

Centre	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	160	158	158	159	160	160	160	159	160	160	159	161	160
Quilon	162	160	160	161	162	163	164	163	164	164	163	164	163
Punalur	161	159	158	159	161	161	161	160	160	159	157	159	160
Alleppey	161	158	157	157	158	159	159	159	160	160	159	160	159
Kottayam	155	153	153	153	154	155	155	155	155	155	154	156	154
Mundakayam	160	157	156	156	157	157	157	156	156	155	154	156	156
Munnar	173	170	170	171	171	171	172	172	173	173	173	175	172
Ernakulam	158	156	156	157	158	159	159	158	159	159	158	159	158
Chalakuudi	159	156	155	156	157	158	158	157	158	157	158	159	157
Trichur	159	157	157	157	158	159	159	158	159	159	159	160	158
Palghat	161	159	158	158	159	159	160	160	160	161	162	163	160
Malappuram	160	157	157	159	161	161	161	161	163	163	163	164	161
Kozhikode	163	161	161	162	163	164	165	164	165	164	163	164	163
Meppadi	163	161	161	163	164	165	166	166	168	167	169	169	165
Cannanore	156	154	154	155	156	157	158	158	158	158	157	158	157

15.10.5. Consumer price index numbers for selected centres in the state - 1978

Centre	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	162	160	160	161	163	166	168	169	170	170	171	171	166
Quilon	163	161	161	162	164	167	169	170	171	171	172	171	167
Punalur	160	157	157	158	160	162	163	163	162	161	161	162	161
Alleppey	159	156	155	157	160	163	164	164	164	163	164	164	161
Kottayam	157	156	157	159	162	165	166	166	165	164	164	163	162
Mundakayam	157	154	153	154	156	158	158	159	160	161	162	163	158
Munnar	176	174	173	173	174	175	175	175	175	176	177	177	175
Ernakulam	159	157	157	158	160	163	165	166	166	166	165	164	162
Chalakuudi	160	159	160	161	163	166	168	168	168	168	168	168	165
Trichur	161	159	160	162	164	167	169	169	170	170	169	169	166
Palghat	163	160	158	161	163	164	165	166	165	164	163	164	163
Malappuram	164	162	160	160	163	165	167	166	166	165	166	167	164
Kozhikode	164	163	164	166	169	172	174	175	175	175	174	174	170
Meppadi	168	166	166	167	169	170	172	171	172	171	172	172	170
Cannanore	159	158	159	162	165	167	167	167	167	166	165	165	164

15.10.6. Consumer price index numbers for selected centres in the state -- 1979

Centre	January	February	March	April	May	June	July	August	September	October	November	December	Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	169	168	170	174	175	176	178	182	184	185	189	194	179
Quilon	169	169	171	175	175	177	180	184	185	185	187	192	179
Punalur	161	161	163	167	169	171	173	177	180	181	185	190	173
Alleppey	163	162	163	167	169	172	175	178	178	179	181	187	173
Kottayam	163	164	166	170	171	174	177	180	181	180	182	188	175
Mundakayam	162	162	163	166	166	168	172	174	174	174	177	182	170
Munnar	177	176	177	180	181	184	186	189	191	192	194	200	186
Ernakulam	164	165	165	168	168	170	172	174	174	175	179	183	171
Chalakkudi	168	168	170	173	174	176	179	181	183	184	187	191	178
Trichur	169	169	171	174	175	177	180	183	184	185	187	193	179
Palghat	164	164	166	170	171	174	177	179	180	181	183	187	175
Malappuram	166	167	169	173	175	177	180	183	184	184	187	191	178
Kozhikode	173	173	174	177	178	180	183	185	185	185	188	193	181
Meppadi	172	173	175	178	178	181	184	188	188	188	190	195	183
Cannanore	164	165	166	169	171	174	177	180	181	181	183	187	175

15.10.7. Consumer price index numbers for selected centres in the state -- 1980

Centre	January	February	March
(1)	(2)	(3)	(4)
Trivandrum	195	194	194
Quilon	193	193	194
Punalur	189	188	189
Alleppey	187	186	186
Kottayam	189	190	191
Mundakayam	181	181	180
Munnar	199	198	198
Ernakulam	184	185	185
Chalakkudi	190	191	190
Trichur	193	193	194
Palghat	186	187	188
Malappuram	190	190	192
Kozhikode	192	192	193
Meppadi	196	197	198
Cannanore	186	186	187

Source: Bureau of Economics and Statistics

15.10.8. Statement showing the linking factors and the estimated indices on the basis of the old series -- 1976

Centre	Linking factors	January	February	March	April	May	June	July	August	September	October	November	December
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	8.61	1490	1429	1412	1412	1403	1403	1429	1412	1386	1386	1395	1395
Quilon	8.47	1465	1414	1406	1414	1398	1406	1431	1414	1398	1389	1398	1389
Punalur	8.31	1438	1388	1371	1371	1355	1355	1388	1371	1355	1355	1355	1355
Alleppey	8.46	1464	1404	1387	1387	1371	1379	1413	1387	1371	1362	1371	1371
Kottayam	8.68	1441	1380	1363	1371	1354	1354	1389	1371	1354	1345	1363	1363
Munnar	7.94	1437	1390	1374	1390	1374	1382	1405	1397	1382	1382	1390	1390
Ernakulam	8.76	1480	1419	1410	1419	1402	1402	1437	1410	1393	1393	1402	1402
Chalakkudi	8.71	1472	1428	1428	1446	1428	1428	1455	1428	1411	1402	1402	1402
Trichur	8.69	1460	1408	1408	1425	1416	1425	1451	1425	1408	1399	1408	1399
Kozhikode	9.45	1616	1569	1559	1578	1559	1569	1597	1569	1550	1540	1550	1550

15.10.9. Statement showing the linking factors and the estimated indices on the basis of the old series -- 1977

Centre	Linking factors	January	February	March	April	May	June	July	August	September	October	November	December
Trivandrum	8.61	1378	1360	1360	1369	1378	1378	1378	1369	1378	1378	1369	1386
Quilon	8.47	1372	1355	1355	1364	1372	1381	1389	1381	1389	1389	1381	1389
Punalur	8.31	1338	1321	1313	1321	1338	1338	1338	1330	1330	1321	1305	1321
Alleppey	8.46	1362	1337	1328	1328	1337	1345	1345	1345	1354	1354	1345	1354
Kottayam	8.68	1345	1328	1328	1328	1337	1345	1345	1345	1345	1345	1337	1354
Munnar	7.94	1374	1350	1350	1358	1358	1358	1366	1366	1374	1374	1374	1390
Ernakulam	8.76	1384	1367	1367	1375	1384	1393	1393	1384	1393	1393	1384	1393
Chalakydy	8.71	1385	1359	1350	1359	1367	1376	1376	1367	1376	1367	1376	1385
Trichur	8.69	1382	1364	1364	1364	1373	1382	1382	1373	1382	1382	1382	1390
Kozhikode	9.45	1540	1521	1521	1531	1540	1550	1559	1550	1559	1550	1540	1550

15.10.10. Statement showing the linking factors and the estimated indices on the basis of old series -- 1978

Centre	Linking factors	January	February	March	April	May	June	July	August	September	October	November	December
Trivandrum	8.61	1395	1378	1378	1386	1403	1429	1446	1455	1464	1464	1472	1472
Quilon	8.47	1381	1364	1364	1372	1389	1414	1431	1440	1448	1448	1457	1448
Punalur	8.31	1330	1305	1305	1313	1330	1346	1355	1355	1346	1338	1338	1346
Alleppey	8.46	1345	1320	1311	1328	1354	1379	1387	1387	1387	1379	1387	1387
Kottayam	8.68	1363	1354	1363	1380	1406	1432	1441	1441	1432	1424	1424	1415
Munnar	7.94	1397	1382	1374	1374	1382	1390	1390	1390	1390	1397	1405	1405
Ernakulam	8.76	1393	1375	1375	1384	1402	1428	1445	1454	1454	1454	1445	1437
Chalakydy	8.71	1394	1385	1394	1402	1420	1446	1463	1463	1463	1463	1463	1463
Trichur	8.69	1399	1382	1390	1408	1425	1451	1469	1469	1477	1477	1469	1469
Kozhikode	9.45	1550	1540	1550	1569	1597	1625	1644	1654	1654	1654	1644	1644

15.10.11. Statement showing the linking factors and the estimated indices on the basis of old series -- 1979

Centre	Linking factors	January	February	March	April	May	June	July	August	September	October	November	December
Trivandrum	8.61	1455	1446	1464	1498	1507	1515	1533	1567	1584	1593	1627	1670
Quilon	8.47	1431	1431	1448	1482	1482	1499	1525	1558	1567	1567	1584	1626
Punalur	8.31	1338	1338	1355	1388	1404	1421	1438	1471	1496	1504	1537	1579
Alleppey	8.46	1379	1371	1379	1413	1430	1455	1481	1506	1506	1514	1531	1582
Kottayam	8.68	1415	1424	1441	1476	1484	1510	1536	1562	1571	1562	1580	1632
Munnar	7.94	1405	1397	1405	1429	1437	1461	1477	1501	1517	1524	1540	1588
Ernakulam	8.76	1437	1445	1445	1472	1472	1489	1507	1524	1524	1533	1568	1603
Chalakydy	8.71	1463	1463	1481	1507	1516	1533	1559	1577	1594	1603	1629	1664
Trichur	8.69	1469	1469	1486	1512	1521	1538	1564	1590	1599	1608	1625	1677
Kozhikode	9.45	1635	1635	1644	1673	1682	1701	1729	1748	1748	1748	1777	1824

15.10.12. Statement showing linking factors and the estimated indices on the basis of old series—January 1980—March 1980

Centre	Linking factors	January	February	March
Trivandrum	..	8.61	1679	1684
Quilon	..	8.47	1635	1657
Punalur	..	8.31	1571	1584
Alleppey	..	8.46	1582	1587
Kottayam	..	8.68	1641	1671
Munnar	..	7.94	1580	1584
Ernakulam	..	8.76	1612	1634
Chalakydy	..	8.71	1655	1668
Trichur	..	8.69	1677	1699
Kozhikode	..	9.45	1814	1839

Source: Bureau of Economics and Statistics.

15.11.5. Index number of agricultural wages—other Agricultural labourer—Men

Year	January	February	March	April	May	June	July	August	September	October	November	December
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1960	118.6	118.6	117.7	118.2	118.7	118.2	117.7	117.7	118.1	119.4	119.8	120.2
1970	317.4	317.4	317.4	317.4	317.5	317.5	317.6	319.3	320.0	322.0	323.6	323.7
1976	518.6	518.6	518.6	518.6	518.6	518.6	521.4	513.4	515.0	515.6	524.6	530.2
1977	530.2	530.2	531.2	537.4	537.4	537.4	541.0	541.0	544.8	544.8	549.3	549.3
1978	549.3	549.3	552.0	549.3	549.3	549.3	552.5	552.5	559.8	562.9	567.6	567.8
1979	572.3	574.8	574.8	578.0	585.3	592.9	594.0	594.2	595.0	609.9	609.9	609.9
1980	625.3	625.3	625.3	..	..	..	..	..	..	..	..	..

15.11.6. Index number of agricultural wages—other agricultural labourer—Women

Year	January	February	March	April	May	June	July	August	September	October	November	December
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1960	120.6	120.6	123.5	125.9	126.1	124.8	128.0	129.8	126.7	125.0	125.3	126.3
1970	365.7	365.7	365.7	365.7	367.4	368.1	367.9	367.9	371.8	374.2	376.4	376.4
1976	640.6	640.6	640.6	640.6	645.6	645.6	650.3	650.3	657.0	656.9	665.6	665.6
1977	665.6	665.6	672.7	675.1	675.1	675.1	675.1	676.7	676.7	676.7	676.7	676.7
1978	676.7	676.7	680.0	680.0	680.0	680.0	680.0	688.8	692.2	703.2	707.9	705.9
1979	705.9	716.6	716.6	718.2	727.0	736.6	745.4	745.4	745.4	753.3	753.3	753.3
1980	762.8	765.1	765.1	..	..	..	..	..	..	..	..	..

Source: Bureau of Economics and Statistics.

15.11.7. Index numbers of agricultural wages—Herdsman—Children

Year	January	February	March	April	May	June	July	August	September	October	November	December
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1960	135.2	135.2	135.2	135.2	135.2	135.2	135.2	135.2	135.2	135.2	135.2	135.2
1970	363.3	363.3	363.3	363.3	363.3	363.3	363.3	363.3	363.3	363.3	361.3	362.4
1976	447.4	447.4	447.4	447.4	447.4	458.9	458.9	447.4	447.4	447.4	447.4	447.4
1977	..	..	..	..	..	447.4	447.4	..	..	..	..	..
1978	..	..	..	..	..	..	..	..	..	..	..	..
1979	..	..	..	..	..	..	..	..	..	..	..	..
1980	454.6	454.6	454.6	..	..	..	..	..	..	..	..	..

Source: Bureau of Economics and Statistics

15.12.1. Average annual market prices of building materials—Bricks 1st class (1000 Nos.)

(Prices in Rs.)

Centres	1970	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	..	68.00	137.50	128.75	118.75	163.75
Quilon	..	68.00	141.50	128.75	128.75	192.50
Alleppey	..	79.60	132.50	113.13	121.25	206.25
Kottayam	..	81.00	205.00	137.63	128.75	220.00
Idukki	127.50	122.50	122.50	201.25
Ernakulam	..	81.00	121.67	113.33	107.50	181.25
Trichur	..	81.33	121.25	156.25	152.50	247.50
Palghat	..	84.00	126.25	140.00	113.75	160.00
Malappuram	(C.W.)400.00	N.A.	(C.W.)500.00	(C.W.)634.00
Kozhikode	..	(C.W.)222.50	(C.W.)518.00	(C.W.)530.00	(C.W.)527.50	(C.W.)692.50
Cannanore	..	(C.W.)219.60	(C.W.)500.00	196.67	(C.W.)500.00	(C.W.)737.50

Note:— C.W.—Common Wealth Variety

N.A.—Not Available.

15.12.2. Average annual market prices of building materials River sand—Medium variety (Cubic Metre)

Centres	1970	1975	1976	1977	1978	1979
Trivandrum ..	8.00	20.00	20.50	23.00	23.85	26.45
Quilon ..	8.00	16.50	17.63	19.50	25.00	N.A.
Alleppey ..	10.25	26.18	25.05	27.82	29.13	42.79
Kottayam ..	11.00	22.33	22.50	24.63	28.75	N.A.
Idukki ..	..	19.95	20.67	19.00	20.00	N.A.
Ernakulam ..	10.00	13.10	13.00	15.00	21.50	N.A.
Trichur ..	..	14.63	18.23	19.58	27.00	29.75
Palghat ..	9.00	12.75	13.50	12.00	12.25	11.50
Malappuram ..	..	11.88	11.00	12.25	16.00	N.A.
Kozhikode ..	..	19.06	19.08	25.00	27.25	40.00
Cannanore ..	11.50	19.13	17.50	19.25	21.00	N.A.

N.A.—Not Available.

15.12.3. Average annual market prices of building materials stone ballast—20 mm diametre (Cubic metre)

Centres	1970	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum ..	..	44.00	44.50	49.75	54.23	64.90
Quilon ..	33.50	40.00	40.25	42.00	47.25	65.00
Alleppey ..	45.50	68.05	89.81	82.09	93.93	105.87
Kottayam ..	42.00	56.50	60.31	72.73	74.25	75.87
Idukki ..	..	38.00	36.25	35.38	36.25	37.25
Ernakulam ..	..	47.63	47.50	N.A.	N.A.	N.A.
Trichur ..	33.44	48.50	50.00	50.40	56.15	72.90
Palghat ..	32.00	39.33	42.13	38.50	38.50	43.50
Malappuram ..	..	41.33	48.33	50.00	60.00	68.75
Kozhikode ..	..	55.00	55.00	64.50	66.25	86.25
Cannanore ..	53.00	75.00	75.00	75.00	76.25	102.50

15.12.4. Average annual market prices of building materials —Lime-unslaked (Cubic metre)

Centres	1970	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum ..	70.00	163.02	150.82	148.50	157.00	192.00
Quilon ..	..	120.00	130.00	130.00	138.75	140.00
Alleppey ..	80.00	128.17	157.00	164.00	195.80	230.71
Kottayam ..	80.00	160.69	163.00	245.75	261.00	297.00
Idukki ..	..	140.50	143.00	141.00	150.00	174.50
Ernakulam ..	..	129.25	124.00	124.00	124.00	135.00
Trichur ..	114.00	135.50	147.00	161.00	161.04	293.50
Palghat ..	126.25	157.50	175.00	300.00	266.67	300.00
Malappuram ..	..	165.00	175.00	175.00	175.00	176.50
Kozhikode ..	135.00	188.00	212.00	215.38	244.26	299.19
Cannanore ..	140.00	200.25	181.00	184.25	185.00	244.75

15.12.5. Average annual market prices of building materials jack (Cubic metre)

Centres	1970	1975	1976	1977	1978	1979
Trivandrum ..	654.00	1271.00	1267.00	1271.00	1275.50	2108.75
Quilon ..	745.00	1588.00	1412.00	1412.00	1607.50	3176.10
Alleppey ..	700.00	1085.00	1274.00	1389.00	1653.61	2711.80
Kottayam ..	700.00	1073.00	1260.00	1295.00	1330.00	1645.00
Idukki ..	..	840.00	N.A.	N.A.	N.A.	N.A.
Ernakulam ..	725.00	910.00	1412.00	1412.00	1853.25	2488.45
Trichur ..	616.00	866.00	N.A.	N.A.	1543.00	2725.00
Palghat ..	600.00	1046.00	1092.00	1072.00	1094.00	1175.00
Malappuram ..	..	1083.00	1223.00	1390.00	1509.00	1937.50
Kozhikode ..	708.00	1025.00	1175.00	1329.00	1765.50	2559.67
Cannanore ..	..	1129.00	1256.00	1394.00	1661.25	2596.00

N.A.—Not Available.

15.12.6. Average annual market prices of building materials cement (Shankar brand) (Metric Tonne)

Centres	1970	1975	1976	1977	1978	1979
Trivandrum ..	227.00	397.75	404.35	410.50	459.40	564.25
Quilon ..	225.00	405.96	396.09	398.00	467.95	555.50
Alleppey ..	226.00	400.20	424.08	427.00	486.56	667.91
Kottayam ..	229.00	390.70	414.99	418.00	521.70	571.75
Idukki ..	..	400.80	425.00	456.00	467.85	586.12
Ernakulam ..	224.00	389.84	394.51	397.75	444.49	N.A.
Trichur ..	227.00	397.82	404.31	413.76	486.11	572.75
Palghat ..	226.00	397.02	400.48	403.30	456.05	N.A.
Malappuram ..	..	399.34	396.75	404.79	468.11	576.00
Kozhikode ..	227.00	403.93	395.33	387.50	432.85	N.A.
Cannanore ..	226.00	390.37	394.85	389.33	437.00	509.55

N.A.—Not Available.

15.12.7. Average annual market prices of building materials—M.S. Round bars—10 mm (diametre) (M.T.)

Centres	1970	1975	1976	1977	1978	1979
Trivandrum ..	1683.00	2105.00	2167.50	2170.00	2687.50	4125.00
Quilon ..	1540.00	2130.00	2157.50	2150.00	2615.50	3812.50
Alleppey ..	1600.00	2087.50	2135.00	2150.00	2637.50	3912.50
Kottayam ..	1590.00	2112.50	2125.00	2112.50	2650.00	3930.00
Idukki ..	..	2450.00	2381.25	2293.75	3000.00	4387.50
Ernakulam ..	1585.00	2011.25	2065.00	2087.50	2609.33	3825.00
Trichur ..	1630.00	2025.00	2102.50	2130.00	2636.00	3812.50
Palghat ..	1320.00	2083.33	2133.75	2165.00	2765.50	3825.00
Malappuram ..	..	N.A.	N.A.	N.A.	N.A.	N.A.
Kozhikode ..	1302.00	2113.50	2091.00	2140.00	2625.00	3775.00
Cannanore ..	1538.00	2050.00	2110.00	2112.50	2587.50	3779.00

N.A.—Not Available.

15.12.8. Average annual market prices of building materials—Roofing Tiles (1000 Nos)

Centres	1970	1975	1976	1977	1978	1979
Trivandrum ..	..	488.25	494.50	492.50	565.25	752.43
Quilon ..	..	481.25	488.00	437.00	509.65	760.75
Alleppey ..	220.00	470.00	460.00	470.00	555.00	798.75
Kottayam ..	225.00	456.25	447.50	450.00	543.75	818.75
Idukki ..	..	500.00	490.00	516.67	620.00	909.25
Ernakulam ..	300.00	465.00	480.00	450.00	481.25	675.00
Trichur ..	263.00	315.00	400.00	450.00	662.50	750.00
Palghat ..	289.00	559.08	490.00	609.00	690.48	895.60
Malappuram ..	..	600.33	580.00	584.00	625.50	938.81
Kozhikode ..	240.00	630.00	556.00	732.50	802.50	1015.00
Cannanore ..	280.00	581.67	562.50	536.25	600.00	1033.75

15.12.9. Average annual market prices of building materials—Special paint for steel and wood works (litre)

Centres	1970	1975	1976	1977	1978	1979
Trivandrum ..	18.70	28.51	31.43	31.50	31.53	32.50
Quilon ..	17.50	28.75	30.50	30.50	32.75	37.25
Alleppey ..	..	29.28	31.50	32.54	34.65	38.75
Kottayam ..	16.00	29.55	28.50	28.98	31.50	36.37
Idukki ..	..	29.43	28.25	29.00	37.17	38.00
Ernakulam ..	17.28	30.48	27.67	29.66	30.61	35.37
Trichur ..	16.38	30.50	30.00	30.50	31.90	35.50
Palghat ..	16.50	27.85	30.92	30.57	35.80	38.07
Malappuram ..	..	30.33	27.00	27.00	29.00	29.75
Kozhikode ..	18.70	31.93	30.35	30.28	33.59	39.77
Cannanore ..	18.72	28.50	28.63	29.00	29.00	33.25

15.12.10 Average annual market prices of building materials S.W. Pipe -- 150 m.m. diameter (each)

Centres	1970	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum ..	4.00	9.63	9.44	8.81	8.83	11.40
Quilon ..	3.94	9.25	9.50	9.50	9.88	11.37
Alleppey ..	4.50	8.81	9.78	8.82	9.81	N.A.
Kottayam ..	4.50	9.00	9.00	9.00	9.00	N.A.
Idukki ..	..	N.A.	8.00	N.A.	N.A.	N.A.
Ernakulam ..	3.87	9.70	8.75	8.00	8.50	9.50
Trichur ..	4.00	9.00	9.25	10.00	10.00	12.62
Palghat ..	4.06	8.17	9.00	8.75	8.94	11.19
Malappuram ..	..	8.75	8.50	8.50	8.50	10.37
Kozhikode ..	5.00	9.08	8.50	12.00	8.50	N.A.
Cannanore ..	5.00	N.A.	N.A.	N.A.	12.00	N.A.

15.12.11 Average annual market prices of building materials A.C. Pipe -- 150 m.m. diameter (each)

Centres	1970	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum ..	32.06	51.47	55.17	53.33	54.38	77.01
Quilon ..	31.98	48.15	54.07	53.57	54.34	75.22
Alleppey ..	35.97	44.50	49.62	52.57	60.26	76.14
Kottayam ..	35.98	45.88	50.50	49.50	54.38	N.A.
Idukki ..	..	49.00	48.67	N.A.	47.00	50.00
Ernakulam ..	34.14	47.98	48.23	50.03	64.10	69.90
Trichur ..	31.54	43.23	44.05	44.50	49.18	61.76
Palghat ..	30.60	44.02	47.41	47.86	50.16	61.50
Malappuram ..	..	42.51	42.51	42.51	42.51	66.25
Kozhikode ..	32.32	52.60	54.75	59.69	63.56	79.50
Cannanore ..	..	53.67	57.00	56.33	63.00	N.A.

N.A. - Not Available

XVI EDUCATION

16.1 Number of schools for General Education

Year	L.P. Schools			U.P. Schools			High Schools		
	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1965-66	2904	4050	6954	761	1686	2447	345	806	1151
1970-71	2804	4091	6895	809	1734	2543	442	942	1384
1976-77	2910	4065	6975	880	1726	2606	566	955	1521
1977-78	2849	4120	6969	888	1830	2718	594	1081	1675
1978-79	2846	4124	6970	893	1846	2739	597	1083	1680
1979-80	2846	4124	6970	893	1846	2739	597	1083	1680

Source: Education Department

16.2.1. Number of Schools for General Education District-wise -- 1976-77

District	L.P. Schools				U.P. Schools				High Schools			Total	Grand total
	Govt.	Private aided	Private un-aided	Total	Govt.	Private aided	Private un-aided	Total	Govt.	Private aided	Private un-aided		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	350	170	6	526	89	100	3	192	75	67	6	148	886
Quilon	416	282	4	702	81	182	2	265	66	117	6	189	1156
Alleppey	288	344	9	641	96	131	1	228	41	141	1	183	1052
Kottayam	208	289	7	504	60	137	..	197	34	122	5	161	862
Idukki	98	104	4	206	39	41	..	80	22	30	2	54	340
Ernakulam	227	277	6	510	79	112	5	196	51	124	16	191	897
Trichur	142	416	1	559	52	168	1	221	55	104	6	165	945
Palghat	196	349	3	548	57	156	2	215	42	51	3	96	859
Malappuram	358	445	..	803	98	132	..	230	61	29	..	90	1123
Kozhikode	275	590	1	866	90	226	1	317	51	58	3	112	1295
Cannanore	352	753	5	1110	139	326	..	465	68	60	4	132	1707
State	2910	4019	46	6975	880	1711	15	2606	566	903	52	1521	11102

Source: Education Department.

16.2.2. Number of Schools for General Education District-wise --1977-78

District	L.P. Schools				U.P. Schools				High Schools			Total	Grand total
	Govt.	Private aided	Private un-aided	Total	Govt.	Private aided	Private un-aided	Total	Govt.	Private aided	Private un-aided		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	348	188	..	536	88	106	..	194	80	84	..	164	894
Quilon	412	293	..	705	80	197	..	277	68	135	..	203	1185
Alleppey	289	347	..	636	96	129	..	225	42	155	..	197	1058
Kottayam	204	300	..	504	62	135	..	197	35	141	..	176	877
Idukki	90	112	..	202	40	43	..	83	25	40	..	65	350
Ernakulam	226	254	..	510	81	115	..	196	53	151	..	204	910
Trichur	139	420	..	559	54	177	..	231	58	118	..	176	966
Palghat	193	355	..	548	58	159	..	217	44	60	..	104	869
Malappuram	351	466	..	817	101	190	..	291	61	46	..	107	1215
Kozhikode	264	585	..	849	91	241	..	332	55	74	..	129	1310
Cannanore	333	770	..	1103	137	338	..	475	73	77	..	150	1728
State	2849	4120	..	6969	888	1830	..	2718	594	1081	..	1675	11362

Source: Education Department

16.2.3. Number of schools for General Education District-wise -- 1978-79

District	L.P. Schools				U.P. Schools				High Schools			Total	Grand total
	Govt.	Private aided	Private un-aided	Total	Govt.	Private aided	Private un-aided	Total	Govt.	Private aided	Private un-aided		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	347	182	8	537	89	103	5	197	81	77	8	166	900
Quilon	412	288	6	706	80	196	2	278	68	131	5	204	1188
Alleppey	288	340	10	638	96	128	2	226	42	154	1	197	1061
Kottayam	204	292	8	504	63	135	1	199	35	135	6	176	879
Idukki	89	109	4	202	41	43	..	84	25	36	4	65	351
Ernakulam	226	278	6	510	81	110	5	196	53	135	16	204	910
Trichur	138	417	1	556	55	176	3	234	58	111	8	177	967
Palghat	193	351	4	548	58	158	2	218	44	56	4	104	870
Malappuram	351	465	1	817	101	193	2	296	61	46	..	107	1220
Kozhikode	264	583	1	848	91	239	4	334	55	70	4	129	1311
Cannanore	334	764	6	1104	138	339	..	477	75	75	1	151	1732
State	2846	4069	55	6970	893	1820	26	2739	597	1026	57	1680	11389

Source: Education Department

16.2.4. Number of schools for General Education District-wise -- 1979-80

District	L.P. Schools				U.P. Schools				High Schools				Grand total
	Govt.	Private aided	Private un-aided	Total	Govt.	Private aided	Private un-aided	Total	Govt.	Private aided	Private un-aided	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Trivandrum	347	182	8	537	89	103	5	197	81	77	8	166	900
Quilon	412	288	6	706	80	196	2	278	68	131	5	204	1188
Alleppey	288	340	10	638	96	128	2	226	42	154	1	197	1061
Kottayam	204	292	8	504	63	135	1	199	35	135	6	176	879
Idukki	89	109	4	202	41	43	..	84	25	36	4	65	351
Ernakulam	226	278	6	510	81	110	5	196	53	135	16	204	910
Trichur	138	417	1	556	55	176	3	234	58	111	8	177	967
Palghat	193	351	4	548	58	158	2	218	44	56	4	104	870
Malappuram	351	465	1	817	101	193	2	296	61	46	..	107	1220
Kozhikode	284	604	6	894	98	255	4	357	61	72	4	137	1388
Cannanore	314	743	1	1058	131	323	..	454	69	73	1	143	1655
State	2846	4069	55	6970	893	1820	26	2739	597	1026	57	1680	11389

Source: Education Department

16.3. Number of scholars in Schools for General Education -- section-wise

Year	L.P. Section	U.P. Section	High School Section	Total	
(1)	(2)	(3)	(4)	(5)	
1960-61	..	2032230	900607	331990	3264827
1970-71	..	2808545	1266263	724724	4799532
1976-77	..	2608089	1741927	1003665	5353682
1977-78	..	2650091	1755501	1088156	5493758
1978-79	..	2644002	1696727	1197403	5538132
1979-80	..	2647869	1668403	1255007	5581279

Source: Education Department

16.4.1. Number of Scholars in Schools for General Education District-wise and Section-wise -- 1976-77

District	Lower Primary Section	Upper Primary Section	High School Section	Total	
(1)	(2)	(3)	(4)	(5)	
Trivandrum	..	248725	173043	109380	531047
Quilon	..	281073	218827	139254	639154
Alleppey	..	228587	184001	127182	540370
Kottayam	..	178628	140263	95538	414429
Idukki	..	83484	55170	28729	167383
Ernakulam	..	252214	193419	116242	571875
Trichur	..	277530	188723	108623	574876
Palghat	..	197172	110221	57462	364855
Malappuram	..	272028	127081	49675	448784
Kozhikode	..	278985	169246	83704	531935
Cannanore	..	299663	181934	87276	568873
State	..	2608089	1741928	1003665	5353682

Source: Education Department

16.4.2. Number of Scholars in Schools for General Education District-wise and Section-wise -- 1977-78

<i>District</i>	<i>Lower Primary Section</i>	<i>Upper Primary Section</i>	<i>High School Section</i>	<i>Total</i>
(1)	(2)	(3)	(4)	(5)
Trivandrum ..	255165	176904	118790	550859
Quilon ..	282706	213010	149851	645567
Alleppey ..	226746	180457	132777	539980
Kottayam ..	179326	136717	101984	418027
Idukki ..	88706	61680	32892	183278
Ernakulam ..	259561	192670	124154	576385
Trichur ..	279300	189432	118143	586875
Palghat ..	203301	109576	62126	375003
Malappuram ..	278678	136274	55448	470400
Kozhikode ..	283255	174900	93592	551747
Cannanore ..	313347	183881	98409	595637
State ..	2650091	1755501	1088166	5493758

Source: Education Department

16.4.3. Number of Scholars in Schools for General Education District-wise and Section-wise -- 1979-80

<i>District</i>	<i>Lower Primary Section</i>	<i>Upper Primary Section</i>	<i>High School Section</i>	<i>Total</i>
(1)	(2)	(3)	(4)	(5)
Trivandrum ..	245948	157142	129971	533061
Quilon ..	276693	199047	172741	648481
Alleppey ..	217885	167479	150787	536151
Kottayam ..	171957	127634	110251	409842
Idukki ..	89666	54742	38090	182498
Ernakulam ..	245705	181197	143846	570748
Trichur ..	267308	178973	138847	585128
Palghat ..	223006	109993	73872	406871
Malappuram ..	290180	142470	73283	505933
Kozhikode ..	294011	170663	114222	578896
Cannanore ..	325510	179063	119097	623670
State ..	2647869	1668403	1265007	5581279

Source: Education Department

16.5. Standard-wise strength of scholars (school education)

<i>Year</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>	<i>VI</i>	<i>VII</i>	<i>VIII</i>	<i>IX</i>	<i>X</i>	<i>Total</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1960-61	613389	518133	478601	422101	358659	279356	262592	153315	104380	74295	3264827
1970-71	800470	715429	668931	623723	552163	414988	338712	308697	259480	156547	4799539
1976-77	676467	660494	633493	637635	626719	623244	491964	409685	355017	238963	5353682
1977-78	694140	690345	637053	628553	591694	581964	581843	441370	376073	270723	5493758
1978-79	655365	703332	658317	626988	579636	554015	563076	510122	401511	285770	5538132
1979-80	654737	674163	670633	648336	580585	545737	542081	503545	457858	303604	5581279

Source: Education Department

16.6.1. Standard-wise strength of scholars (school education -- District-wise) 1976-77

District	I	II	III	IV	V	VI	VII	VIII	IX	X	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Trivandrum	63557	64033	61047	60088	60377	61360	51306	42971	39334	27075	531148
Quilon	69627	71875	69400	70171	76480	77910	64437	56633	49325	33296	689154
Alleppey	52796	57780	57766	60245	62713	66030	55258	50714	46055	31013	540370
Kottayam	44866	45362	42239	46161	47323	49524	43416	38933	34196	22409	414429
Idukki	20851	21088	20465	21080	19804	19550	15816	12096	9981	6652	167333
Ernakulam	65278	66490	65132	65314	68402	69749	55268	46872	41417	27953	571875
Trichur	74466	69837	66094	67133	66796	68728	53199	44646	38396	25581	574876
Palghat	54596	50466	46862	45248	41863	39193	29165	23467	19987	14008	364855
Malappuram	75333	66906	65589	64200	52507	45033	29541	21766	16646	11263	448784
Kozhikode	73910	70994	66787	67294	62592	61309	45345	34903	29254	19547	531935
Cannanore	81187	75663	72112	70701	67863	64858	49213	36634	30426	20166	568873
State	676467	660494	633493	637635	626719	623244	491964	409685	355017	238963	5353682

Source: Education Department

16.6.2. Standard-wise strength of scholars (School Education -- District-wise) 1977-78

District	I	II	III	IV	V	VI	VII	VIII	IX	X	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Trivandrum	65798	67935	61581	59851	60339	57270	59295	47880	40332	30578	550859
Quilon	71699	73370	69314	68323	67622	70848	74540	60271	52663	36917	645567
Alleppey	55180	57192	56579	57795	57797	59995	62665	51407	47740	33630	539980
Kottayam	45731	45305	43989	44301	44006	44845	47866	40175	35765	26044	418027
Idukki	23874	23074	21304	20454	27903	20940	18837	18914	11243	7735	183278
Ernakulam	64529	65651	65079	64302	63506	63880,	65284	50026	43101	31027	576385
Trichur	75215	71795	66864	65426	62436	62359	64637	47330	40685	30128	586875
Palghat	57971	53766	46732	44832	38533	36793	34250	25193	21180	15753	375003
Malappuram	75185	74992	64026	64475	51528	46047	38699	24815	17891	12742	470900
Kozhikode	74473	73442	68192	67148	59297	58257	57346	38932	31381	22779	551747
Cannanore	84485	83823	73393	71646	64727	60730	58424	41427	33592	23390	595637
State	694140	690345	637053	628553	591694	581964	581843	441370	376073	270723	5493758

Source: Education Department

16.6.3. Standard-wise strength of scholars (School Education—District-wise)—1979-80

District	I	II	III	IV	V	VI	VII	VIII	IX	X	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Trivandrum	58367	64308	63528	59745	54797	51763	50582	50129	47203	32639	533061
Quilon	64039	71120	72195	69339	66117	64926	68004	66661	63439	42641	648481
Alleppey	50500	55734	56796	54855	53965	55514	58000	59180	55105	36502	536151
Kottayam	40936	43803	43993	43225	42496	41363	43775	42213	40425	27613	409842
Idukki	21694	22369	23891	21712	19074	17985	17683	15578	13630	8882	182498
Ernakulam	57008	62147	63628	62922	60846	59050	61301	56702	51937	35207	570748
Trichur	65906	66894	67506	67002	61625	58042	59306	55564	50141	33142	585128
Palghat	60152	56726	55047	51081	41591	35345	33057	30199	26108	17505	406871
Malappuram	73338	72823	73466	70553	53627	47524	41319	31881	20048	15354	505933
Kozhikode	76282	73926	72306	71497	60988	55781	53894	46566	41000	26656	578896
Cannanore	86515	84313	78277	76405	65459	58444	55160	48872	42822	27403	623670
State	654737	674163	670633	648336	580585	545737	542081	503545	457858	303604	5581279

Source: Education Department

16.7. Number of teachers in schools (Section-wise)

Year	Lower Primary Section				Upper Primary Section				High School Section				Grand Total
	Govt.	Pvt. aided	Pvt. Un-aided	Total	Govt.	Pvt. aided	Pvt. Un-aided	Total	Govt.	Pvt. aided	Pvt. Un-aided	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1960-61	..	..	..	68155	..	..	..	33027	..	..	..	13675	108857
1970-71	27542	40208	336	68086	14828	29376	236	44440	9711	17400	360	27471	139997
1975-76	31501	43876	505	75882	17950	33340	367	51657	12217	22629	580	34846	162385
1976-77	31342	44145	..	75487	19457	32912	..	52369	12967	23385	..	36352	164208
1977-78	38003	44121	350	76474	19475	33367	500	53322	13256	23519	630	37405	167201
1978-79	32074	42221	620	74915	20046	37033	505	57584	15123	25440	718	41281	173780

Source: Education Department.

16.8.1. Number of teachers in schools for general education—District-wise and Section-wise—1978-79

District	Lower primary section	Upper primary section	High school section	Training section	Total	
(1)	(2)	(3)	(4)	(5)	(6)	
Trivandrum	..	6281	5827	4564	39	16711
Quilon	..	7519	7605	5687	60	20871
Alleppey	..	5917	5740	5225	83	16965
Kottayam	..	5042	4646	3344	59	13591
Idukki	..	2069	1765	1230	4	5068
Ernakulam	..	7176	5640	4658	54	17528
Trichur	..	8018	6029	4484	51	18582
Palghat	..	5817	3969	2529	29	12344
Malappuram	..	8247	4462	2203	18	14930
Kozhikode	..	8441	5603	3267	30	17341
Cannanore	..	10388	6298	3590	38	20314
State	..	74915	57584	41281	465	174245

Source: Education Department.

16.9. Teachers training schools—Number, Enrolment and Out-turn

Year	Number	Enrolment	Out-turn	
(1)	(2)	(3)	(4)	
1960-61	..	78	6341	2752
1970-71	..	105	4206	6626
1975-76	..	105	No selection	..
1976-77	..	92	2320	..
1977-78	..	92	2268	..
1978-79	..	92	4581	..

Source: Education Department.

16.10. Schools for handicapped—Number and Enrolment

Year	Number	Enrolment	Teachers
(1)	(2)	(3)	(4)
1960-61	7	321	..
1970-71	7	588	88
1976-77	10	972	154
1977-78	N.A.	N.A.	N.A.
1978-79	12	1166	171

Source: Education Department.

16.11. Number of colleges by type of management

Year	Government	Private	Total
(1)	(2)	(3)	(4)
1960-61	24	58	82
1970-71	27	134	161
1976-77	33	138	171
1977-78	51	134	185
1978-79	51	134	185

Source: Directorate of collegiate education.

16.12. Number of arts and science colleges by type of management.

Year	Government	Private	Total
(1)	(2)	(3)	(4)
1960-61	..	..	46
1970-71	12	105	117
1976-77	22	108	130
1977-78	27	103	130
1978-79	27	103	130

Source: Directorate of collegiate education.

16.13. District-wise distribution of colleges in Kerala for the year 1977-78
(Numbers)

District	Arts & Science			Training			Music			Arabic			Medicine		
	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Trivandrum	6	11	17	1	2	3	1	..	1	..	..	..	1	..	1
Quilon	..	13	13	..	2	2	..	..	..	..	..	..	1	..	1
Alleppey	..	14	14	..	3	3	..	..	..	..	..	..	1	..	1
Kottayam	1	16	17	..	4	4	..	..	..	..	..	..	..	..	..
Idukki	1	2	3	..	..	..	..	..	..	..	..	..	..	..	..
Ernakulam	3	13	16	..	2	2	1	..	1	..	..	..	..	..	..
Trichur	3	12	15	1	..	1	..	..	..	..	..	..	..	..	..
Palghat	3	5	8	..	1	1	1	..	1	..	..	..	..	..	..
Malappuram	2	4	6	..	..	..	..	..	..	..	4	4	..	..	..
Kozhikode	5	7	12	1	1	2	..	..	..	..	3	3	1	..	1
Cannanore	3	6	9	1	..	1	..	..	..	..	..	..	..	..	..
State	27	103	130	4	15	19	3	..	3	..	7	7	4	..	4

(Contd.)

Table 16.13. (Contd....)

District	Engineering			Law			Agriculture			Veterinary			Horticulture		
	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total
(1)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)
Trivandrum	1	..	1	1	1	2	1	..	1	..	..	..	..	..	..
Quilon	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
Alleppey	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kottayam	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Idukki	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ernakulam	..	1	1	1	..	1	..	..	..	1	..	1	1	..	1
Trichur	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Palghat	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
Malappuram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kozhikode	1*	..	1	1	..	1	..	..	..	..	..	..	..	..	..
Cannanore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
State	3	3	6	3	1	4	1	..	1	1	..	1	1	..	1

* Regional Engineering College

(Contd.)

Table 16.13. (Contd....)

District	Ayurveda			Homoeopathy			College of fine arts			Grand total		
	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total
(1)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)
Trivandrum	1	..	1	..	1	1	1	..	1	14	15	29
Quilon	..	..	..	..	..	..	..	..	..	..	16	16
Alleppey	..	..	..	..	..	..	..	..	..	1	17	18
Kottayam	..	..	..	..	1	1	..	..	..	2	21	23
Idukki	..	..	..	..	..	..	..	..	..	1	2	3
Ernakulam	1	..	1	..	1	1	..	..	..	6	17	23
Trichur	..	1	1	..	..	..	..	..	..	7	13	20
Palghat	..	..	..	..	..	..	..	..	..	4	7	11
Malappuram	..	1	1	..	..	..	..	..	..	2	9	11
Kozhikode	..	..	..	1	..	1	..	..	..	10	11	21
Cannanore	..	..	..	..	..	..	..	..	..	4	6	10
State	2	2	4	1	3	4	1	..	1	51	134	185

- Source: 1. Director of Collegiate Education.
2. Administration reports of Kerala, Calicut, Cochin & Agriculture Universities.

16.14. Faculty-wise and management-wise distribution of Colleges in Kerala 1977-78 & 1978-79

(Figures in Numbers)

(1)	1977-78			1978-79		
	Government	Private	Total	Government	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Arts and Science Colleges	..	27	103	27	103	130
2. Training Colleges	..	4	15	4	15	19
3. Music Colleges	..	3	..	3	..	3
4. Arabic Colleges	7	..	7	7
5. Medical Colleges	..	4	..	4	..	4
6. Engineering Colleges	..	3+	3	+3	3	6
7. Law Colleges	..	3	1	3	1	4
8. Agricultural Colleges	..	1	..	1	..	1
9. Veterinary Colleges	..	1	..	1	..	1
10. Horticulture Colleges	..	1	..	1	..	1
11. Ayurveda Colleges	..	2	2	2	2	4
12. Homoeopathy Colleges	..	1	3	1	3	4
13. College of Fine Arts	..	1	..	1	..	1
Total	..	51	134	51	134	185

+ Regional Engineering Colleges.

- Source: 1. Directorate of Collegiate Education.
2. Administration reports of Kerala, Calicut, Cochin and Agriculture Universities.

16.14.1. Number of scholars in arts and science colleges by managements and by faculty-wise 1974-75 to 1977-78

PRE-DEGREE COURSE

Years	Arts			Science				Commerce				
	Government	Private	Total	Scheduled castes/tribes	Government	Private	Total	Scheduled castes/tribes	Government	Private	Total	Scheduled castes/tribes
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1974-75	3617	24996	28613	1244	5248	46101	51349	1749	1537	6084	7621	261
1975-76	5497	28736	35233	..	5745	51661	57406	..	1935	6972	8907	..
1976-77	6462	31082	37544	2813	5887	53659	59546	3085	1992	7473	9465	416
1977-78	7009	31092	38101	3675	5972	51972	57944	3808	1710	8073	9783	526

Source: Director of Collegiate Education.

16.14.2. Number of scholars in arts and Science colleges by managements and by Faculty-wise 1974-75 to 1977-78

DEGREE COURSE

Years	Arts			Science			Commerce			Schedul castes/ tribes		
	Government	Private	Total	Schedul castes/ tribes	Government	Private	Total	Schedul castes/ tribes	Government		Private	Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		(10)	(11)	(12)	(13)
1974-75	5874	21342	27216	1139	3392	25334	28726	809	743	4859	5602	83
1975-76	5818	10155	25023	..	3462	24782	28244	..	895	5183	6038	..
1976-77	6334	20855	27189	939	3636	26688	30324	738	896	6301	7197	182
1977-78	7002	25417	32419	..	3878	29543	33421	..	897	7125	8022	..

Source: Director of Collegiate Education.

16.14.3. Number of scholars in arts and science colleges by managements and by Faculty-wise 1974-75 to 1977-78

POST-GRADUATE DEGREE COURSE

Years	Arts			Science			Commerce			Schedul castes/ tribes		
	Government	Private	Total	Schedul castes/ tribes	Government	Private	Total	Schedul castes/ tribes	Government		Private	Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		(10)	(11)	(12)	(13)
1974-75	955	1506	2461	162	418	1387	1805	41	27	270	297	5
1975-76	946	1598	2544	..	436	1246	1682	..	27	394	421	..
1976-77	448	1383	1831	76	944	1487	2431	136	27	438	465	12
1977-78	940	1446	2386	..	436	1424	1860	..	27	444	471	..

Source: Director of Collegiate Education.

16.14.4. Number of scholars in arts and science colleges by managements and by Faculty-wise 1974-75 to 1977-78

B. ED. DEGREE AND MUSIC COLLEGES

Years	B.Ed. Degree				Music colleges and Academies				Schedul castes/ tribes
	Government	Private	Total	Schedul castes/ tribes	Government	Private	Total		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
1974-75	432	1384	1816	54	534	Nil	534	71	
1975-76	475	1518	1853	53	490	Nil	490	75	
1976-77	516	1492	2008	16	578	Nil	578	69	
1977-78	508	1775	2283	41	590	Nil	590	73	

Source: Director of Collegiate Education.

16.15.1. District-wise strength of students in predegree course for the year 1977-78, management-wise and faculty wise

District	Arts			Science			Commerce			Grand Total	
	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		(10)	(11)
Trivandrum	..	1130	3983	5113	1710	4490	6200	370	632	1002	12315
Quilon	4517	4517	..	7570	7570	..	1182	1182	13269
Alleppey	4735	4735	..	7945	7945	..	766	766	13446
Kottayam	..	400	5029	5429	348	9577	9925	..	1214	1214	16568
Idukki	249	249	1146	1147	2293	..	199	199	2741
Ernakulam	..	672	3422	4094	632	6213	6845	99	983	1082	12021
Trichur	..	888	3072	3960	798	6344	7142	178	940	1118	12220
Palghat	..	1019	1087	2106	..	1835	1835	344	564	908	4849
Malappuram	..	276	934	1210	654	1430	2084	342	653	995	4289
Kozhikode	..	1491	2220	3711	..	2539	2539	377	384	761	7011
Cannanore	..	1133	1844	2977	684	2882	3566	..	556	556	7099
Total	..	7009	31092	38101	5972	51972	57944	1710	8073	9783	105828

16.15.2 District wise strength of students in degree course for the year 1977-78 management and faculty wise

District	Economics			History			Islamic History			Hindi		
	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	646	1189	1835	421	761	1182	44	..	44	134	120	254
Quilon	..	1796	1796	..	743	743	..	..	..	..	80	80
Alleppey	..	1338	1338	..	712	712	..	..	..	..	32	32
Kottayam	140	1999	2139	..	491	491	..	..	..	..	60	60
Idukki	..	206	206	..	191	191	..	..	..	..	..	..
Ernakulam	242	1765	2007	197	270	467	78	..	78	71	24	95
Trichur	176	1371	1547	227	676	903	..	..	..	..	23	23
Palghat	427	270	697	139	265	404	..	..	..	18	14	32
Malappuram	93	339	432	..	102	102	14	..	14	..	..	..
Kozhikode	171	1008	1179	366	174	540	..	..	..	36	..	36
Cannanore	253	626	879	233	455	688	..	..	..	73	76	149
Total	2148	11907	14055	1583	4840	6423	136	..	136	332	429	761

(Contd...)

Table 16.15.2. (Contd...)

District	Malayalam			English			Tamil			Sanskrit		
	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total
(1)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
Trivandrum	134	126	260	208	515	723	12	..	12	19	..	19
Quilon	..	568	568	..	567	567	..	..	..	..	104	104
Alleppey	..	225	225	..	841	841	..	..	..	..	..	..
Kottayam	..	150	150	..	1046	1046	..	..	..	..	..	..
Idukki	..	..	..	..	228	228	..	..	..	..	..	..
Ernakulam	91	215	306	67	274	341	..	..	..	183	28	211
Trichur	54	126	180	23	234	257	..	..	..	..	39	39
Palghat	80	9	89	61	145	206	4	..	4	128	..	128
Malappuram	..	37	37	..	..	..	..	..	..	..	..	..
Kozhikode	58	..	58	103	111	214	..	..	..	..	..	..
Cannanore	66	..	66	152	140	292	..	..	..	19	..	19
Total	483	1456	1939	614	4101	4715	16	..	16	349	171	520

(Contd...)

Table 16.15.2. (Contd...)

District	Music			Sociology			Psychology			Arabic		
	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total
(1)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)
Trivandrum	48	..	48	..	136	136	39	24	63	42	..	42
Quilon	..	..	..	..	..	..	..	..	..	..	..	..
Alleppey	..	..	..	..	..	..	..	..	..	..	..	..
Kottayam	..	..	..	..	..	..	..	..	..	..	..	..
Idukki	..	..	..	..	..	..	..	..	..	..	..	..
Ernakulam	..	..	..	..	264	264	..	85	85	52	..	52
Trichur	..	..	..	..	197	197	..	..	..	..	..	..
Palghat	66	..	66	..	..	..	..	..	..	..	..	..
Malappuram	..	..	..	..	..	..	..	..	..	27	21	48
Kozhikode	..	..	..	..	76	76	..	..	..	13	..	13
Cannanore	..	..	..	..	..	..	..	..	..	34	..	34
Total	114	..	114	..	673	673	39	109	148	168	21	189

(Contd...)

Table 16.15.2. (Contd...)

District	Urdu			Karnataka			Politics			Philosophy		
	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total
(1)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)
Trivandrum	159	145	304	308	..	308
Quilon	447	447	..	..	..
Alleppey	353	353	..	..	..
Kottayam	96	369	465	..	79	79
Idukki
Ernakulam	194	68	262	133	..	133
Trichur	108	108	..	96	96
Palghat	36	..	36
Malappuram
Kozhikode
Cannanore	..	8	8	27	..	27	..	..	..	..	..	..
Total	..	8	8	27	..	27	449	1490	1939	477	175	652

(Contd...)

Table 16.15.2. (Contd...)

Districts	Geography			Total Arts	Mathematics			Physics			Chemistry		
	Govt.	Private	Total		Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total
(1)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)
Trivandrum	60	..	60	5290	288	679	967	217	511	728	268	743	1011
Quilon	..	..	..	4305	..	981	981	..	706	706	..	735	735
Alleppey	..	..	..	3501	..	809	809	..	565	565	..	655	655
Kottayam	..	..	..	4430	51	1208	1259	..	931	931	..	1074	1074
Idukki	..	..	..	625	..	201	201	..	67	67	..	211	211
Ernakulam	..	..	..	4301	99	705	804	125	735	860	96	819	915
Trichur	..	..	..	3350	..	873	873	..	658	658	..	863	863
Palghat	42	..	42	1704	161	215	376	213	146	359	247	181	428
Malappuram	..	..	..	633	..	108	108	..	..	..	..	109	109
Kozhikode	..	..	..	2116	58	358	416	114	484	598	71	446	517
Cannanore	..	..	..	2162	184	446	630	85	221	306	82	320	402
Total	102	..	102	32417	841	6583	7424	754	5024	5778	764	6156	6920

(Contd...)

Table 16.15.2. (Contd...)

District	Botany			Home Science			Statistics			
	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total	
(1)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	
Trivandrum	..	199	513	712	61	62	123	..	..	..
Quilon	829	829	..	81	81	..	..	..
Alleppey	643	643	..	48	48	..	..	..
Kottayam	997	997	..	259	259	..	..	..
Idukki	75	75	..	..	..	..	..	..
Ernakulam	..	74	863	937	..	85	85	..	..	..
Trichur	560	560	..	89	89	..	59	59
Palghat	..	136	162	298	..	..	..	..	..	..
Malappuram
Kozhikode	..	102	305	407	..	..	..	..	..	..
Cannanore	..	64	156	220	..	39	39	..	..	..
Total	..	575	5103	5678	61	663	724	..	59	59

(Contd...)

Table 16.15.2. (Contd...)

District	Geology			Zoology			Total Science	Commerce		
	Govt.	Private	Total	Govt.	Private	Total		Govt.	Private	Total
(1)	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)	(81)
Trivandrum	42	..	42	205	504	745	4328	160	564	724
Quilon	..	..	..	..	924	924	4256	..	808	808
Alleppey	..	..	..	..	638	638	3358	..	534	534
Kottayam	20	..	20	..	1043	1043	5583	..	1052	1052
Idukki	..	..	..	..	212	212	766	..	346	346
Ernakulam	..	..	..	75	744	819	4420	..	492	492
Trichur	..	..	..	57	811	868	3970	..	1290	1290
Palghat	..	..	..	151	120	271	1732	467	457	924
Malappuram	..	..	..	..	159	159	376	100	465	565
Kozhikode	..	..	..	122	453	575	2513	170	508	678
Cannanore	35	..	35	117	333	450	2082	..	609	609
Total	97	..	97	727	5977	6704	33384	897	7125	8022

16.15.3. Students strength in different Post graduate courses - 1977-78

Degree	Govt.	Private	Total
(1)	(2)	(3)	(4)
M.Sc.	436	1424	1860
M.A.	940	1416	2356
M.Com.	27	444	471
M.S.W.	..	90	90
Total	1403	3374	4777

Source: Director of Collegiate Education

16.15.4. Subject-wise strength of students in Post-graduate courses 1977-78, by type of management - Arts

Type of Management	Economics	History	Politics	Philosophy	Sociology	English	Malayalam	Hindi	Tamil	Sanskrit	Arabic	Kannada	Music	Grand Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Government	138	142	30	127	..	132	138	70	10	117	13	8	15	940
Private	528	71	78	..	127	444	105	52	..	..	11	..	..	1416
Total	666	213	108	127	127	576	243	122	10	117	24	8	15	2356

16.15.5. Subject-wise strength of students in Post-graduate courses 1977-78 by type of Management-Science

Type of Management	Mathematics	Physics	Chemistry	Statistics	Zoology	Botany	Home Science	Child development	Grand Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Government	103	84	77	19	67	70	16	..	436
Private	303	258	284	26	250	266	20	17	1424
Total	406	342	361	45	317	336	36	17	1860

16.15.6. Subject-wise strength of students in Post-graduate courses 1977-78 by type of Management Commerce & Social work

Type of Management	Commerce	Social Work
(1)	(2)	(3)
Government	27	..
Private	444	..
Total	471	90
		90

16.16. Number of teachers in Arts and Science Colleges

Year	Government	Private	Total
(1)	(2)	(3)	(4)
1960-61	..	..	2170
1970-71	850	5441	6291
1976-77	1469	6615	8084
1977-78	1375	6721	8096
1978-79	1405	6985	8390

Source: Administration reports of the Universities of Kerala, Cochin and Calicut.

16.16.1. Number of teachers in Arts and Science colleges (District-wise) 1977-78

District	Government	Private	Total
(1)	(2)	(3)	(4)
Trivandrum	410	669	1079
Quilon	..	1035	1035
Alleppey	..	852	852
Kottayam	42	1168	1210
Idukki	8	182	190
Ernakulam	202	842	1044
Trichur	80	753	833
Palghat	260	250	510
Malappuram	41	178	219
Kozhikode	165	427	592
Cannanore	167	365	532
State	1375	6721	8096

Source: Director of Collegiate Education

16.16.2. Number of teachers in Arts and Science Colleges—District-wise—1978-79

District	Government	Private	Total
(1)	(2)	(3)	(4)
Trivandrum	420	739	1159
Quilon	..	1020	1020
Alleppey	..	907	907
Kottayam	44	1223	1267
Idukki	..	168	168
Ernakulam	206	865	1071
Trichur	86	791	877
Palghat	273	267	540
Malappuram	45	183	228
Kozhikode	162	450	612
Cannanore	169	372	541
State	1405	6985	8390

Source: Administration Reports of the Universities of Kerala, Cochin & Calicut.

16.17. Number of colleges for Professional Education

Year	Engineering	Medicine	Agriculture	Veterinary	Law	Teachers training	Ayurveda	Horti-culture	Homoeo-pathy	Fine Arts
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1960-61	4	2	1	1	2	18	1	..	..	..
1970-71	6	4	1	1	4	19	2	..	..	..
1975-76	6	4	1	1	4	19	4	1	3	1
1976-77	6	4	1	1	4	19	4	1	3	1
1977-78	6	4	1	1	4	19	5	1	4	1
1978-79	6	4	1	1	4	19	5	1	4	1

Source: Administration reports of concerned colleges and Agricultural University.

16.19.1. Number of teachers in colleges for Professional Education 1977-78 (District-wise)

District	Law colleges	Training colleges	Engineering colleges	Medical colleges	Ayurveda colleges	Agricultural colleges	Veterinary colleges
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Trivandrum	25	30	149	358	51	94	..
Quilon	..	15	87	..	..	..	..
Alleppey	..	16	..	138	..	..	..
Kottayam	..	42	..	164	..	..	..
Idukki	..	..	..	..	..	..	..
Ernakulam	15	17	58	..	24	..	..
Trichur	..	14	89	..	6	..	116
Palghat	..	9	64	..	..	..	..
Malappuram	..	..	..	..	19	..	..
Kozhikode	10	14	113	146	..	..	..
Cannanore	..	12	..	..	..	..	..
State	50	169	560	806	100	94	116

16.20. Strength of Teachers in teaching Departments of Kerala and Calicut Universities—1977-78

Department	University of Kerala	University of Calicut	Total
(1)	(2)	(3)	(4)
1. Economics	8	5	13
2. Politics	6	..	6
3. Psychology	8	3	11
4. Sociology	3	..	3
5. History	5	9	14
6. Library science	5	2	7
7. English	7	11	18
8. German	4	..	4
9. Russian	5	11	6
10. Malayalam	6	7	13
11. Hindi	..	8	8
12. Tamil	4	..	4
13. Arabic	..	4	4
14. Linguistics	10	..	10
15. Mathematics	5	3	8
16. Statistics	5	..	5
17. Physics	9	11	20
18. Chemistry	9	13	22
19. Bio-Chemistry	..	..	..
20. Botany	10	15	25
21. Zoology	8	13	21
22. Geology	6	..	6
23. Marine biology and oceanography	..	..	..
24. Technology	..	..	..
25. Commerce and Management studies	..	6	6
26. Law	..	..	..
27. Education	11	6	17
28. Fisheries	6	..	6
29. Sanskrit	4	3	7
30. Forest	..	..	..
31. Commerce	..	..	..
32. Journalism	3	..	3
33. Oriental research & manuscript library	2	..	2
34. Malayalam lexion	6	..	6
35. University library	1	..	1
36. Life Science	..	2	2
37. Mass communication	..	3	3
38. Philosophy	..	4	4
39. School of drama	..	4	4

Source: Annual reports of Universities.

16.20. (Contd.) Strength of teaching departments of Cochin University 75-76

Department	Teaching staff
Department of Physics	9
Department of Marine Sciences	13*
Department of Ship Technology	2
Department of High Polymer and Rubber Technology	19@
School of Management Studies	28**

* Including 2 visiting professors

@ Including 7 guest lecturers

** Including full time and part time lecturers and visiting professors

Table 16.20. (Contd.)—1976-77

Department	Teaching staff
Physics	9
Applied Chemistry	1
Mathematics and Statistics	1
Marine Sciences	24
Department of Industrial Fisheries	7
Department of Ship Technology	3
Department of Rubber processing and Technology	10
Department of Electronics	6*
School of Management Studies	28**
Department of Law	7
Department of Hindi	6
Department of Foreign Languages	3

* Including 4 guest lecturers

** Including full time and part-time lecturers and visiting professor

Table 16.20. (Contd...) 77-78

Department	Teaching Staff
Department of Applied Chemistry	5*
Department of Electronics	2
Department of Foreign Languages	3
Department of Hindi	11**
Department of Industrial Fisheries	4
Department of Law	18*
Department of Marine Sciences	26
Department of Mathematics and Statistics	3
Department of Physics	10
Department of Polymer Sciences and Rubber Technology	1
Department of Ship Technology	5
School of Management Studies	29@

* Including guest Lecturers

** Including part-time lecturers

@ Including full time and part time lecturers and visiting professors

Source: Administration report of the Cochin University

16.21. Affiliated Colleges—Kerala University

Position as at the close of the years	1975		1976		1977		1978	
	Govt.	Pvt.	Govt.	Pvt.	Govt.	Pvt.	Govt.	Pvt.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
A. Junior Colleges								
(Providing instructions for Pre-degree course only)	1	20	1	15	2	11	1	2
B. First Grade Colleges								
I. Arts and science colleges providing instructions for								
(a) Pre-degree and degree courses	2	28	2	34	2	37	3	45
(b) Pre-degree, degree, post-graduate course	2	21	3	21	2	21	2	21
(c) Degree and post graduate courses	1	..	1	..	1	..	1	..
(d) Degree course only	..	1	..	1	..	1	..	1
(e) Post graduate courses only	..	1	..	1	..	1	..	1
II. Colleges of oriental languages (Providing instructions for P. D. C., D. C. and P. G. courses)	2	..	2	..	2	..	2	..
C. Professional colleges								
(i) Law colleges	2	1	2	1	2	1	2	1
(ii) Training colleges	1	13	1	13	1	13	1	13
(iii) Engineering college	1	2	1	2	1	2	1	2
(iv) Medical college	3	..	3	..	3	..	3	..
(v) Ayurveda colleges	2	..	2	..	3	..	2	..

16.22. Number of colleges (District-wise) Distribution—Kerala University

District	1975			1976			1977			1978						
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
	Junior colleges	Arts and science colleges	Professional colleges	Total	Junior colleges	Arts and science colleges	Professional colleges	Total	Junior colleges	Arts and science colleges	Professional colleges	Total	Junior colleges	Arts and science colleges	Professional colleges	Total
(1)																
Trivandrum	4	12	8	24	3	13	8	24	2	14	8	24	1	15	8	24
Quilon	4	9	4	17	2	11	3	16	1	12	3	16	1	13	3	17
Koitaryam	5	13	5	23	3	14	5	22	3	15	5	23	1	17	5	23
Idukki	1	1	..	2	1	1	..	2	2	1	..	3	1	..	..	2
Alleppey	4	9	3	16	4	10	4	18	2	11	4	17	..	13	4	17
Ernakulam	3	14	5	22	3	14	5	22	3	14	5	22	..	17	5	22
Evening Colleges																
1. University College, Trivandrum																
2. Fatima Mata National College, Quilon																
3. Maharaja's College, Ernakulam																

16.23. Number of students in the University Departments—Kerala University
POST GRADUATE COURSE

Departments	1975			1976			1977			1978		
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
(1)												
1. History	34	12	46	32	13	45	2	13	15	7	26	33
2. Politics	38	16	54	34	34	68	44	11	55	44	10	54
3. Economics	15	31	46	10	20	30	29	17	46	32	15	47
4. Psychology	7	38	45	11	27	38	9	19	28	9	23	32
5. Sociology	14	33	47	13	34	47	16	23	39	10	23	33
6. English	1	2	3	3	8	11	19	34	53	19	29	48
7. German	12	..	12	68	41	109	89	18	107	73	21	94
8. Russian	10	20	30	18	12	30	50	25	75	35	14	49
9. Library Science	..	..	..	18	12	30	18	12	30	15	15	30
10. Journalism	..	..	..	..	..	..	21	2	23	21	2	23
11. Sanskrit	..	..	..	..	..	..	3	1	4	2	1	3
12. Malayalam	12	18	30	6	21	27	8	24	32	12	23	35
13. Tamil	3	13	16	2	8	10	1	13	14	3	12	15
14. Linguistics	11	23	34	14	22	36	13	29	42	17	27	44
15. Mathematics	12	18	30	8	13	21	12	20	32	14	25	39
16. Physics	..	..	..	..	..	..	10	1	11	16	4	20
17. Chemistry	..	..	..	..	..	..	4	2	6	3	3	6
18. Bio-chemistry	6	5	11	6	5	11	5	8	13	4	9	13
19. Botany	14	5	19	12	8	20	14	11	25	13	14	27
20. Zoology	..	..	..	..	..	..	3	3	6	4	2	6
21. Aquatic biology and Fisheries	..	..	..	..	..	..	3	3	6	5	1	6
22. Statistics	14	8	22	13	13	26	3	7	28	18	13	31
23. Geology	12	12	24	12	11	23	11	1	12	11	1	12
24. Education	14	11	25	12	17	29	17	21	38	23	19	42
Total	229	226	455	331	296	627	422	318	740	410	332	742

16.23. (Contd...) Number of students/scholars for the years 1975-76 to 77-78 in the University of Cochin
1975-76

Department	M.Sc./M.A.		M. B. A.					L.L.M	Ph.D.	B.Tec.				
	1st Semester	2nd Semester	Previous	Final	Full time			Special M.B.A.	Previ-ous	Final	D.L.L.	Full time	Part time	
					2nd Semester	4th Semester	Part time							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Department of Physics	15	14	..	19	..	..	..	..	..	..	..	14	4	..
Marine Biology	12	..	..	10	..	..	..	..	..	..	..	..	..	..
Oceanography	4	..	..	4	..	..	..	..	..	..	..	13	6	..
Meteorology	6	..	..	..	..	..	..	..	..	..	..	..	..	..
Department of Ship Technology	..	..	..	..	..	..	..	..	..	..	..	..	..	15
1st Batch	..	..	..	..	..	..	..	..	..	..	..	..	..	15
2nd Batch	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tech. Degree in Rubber	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1st Batch	..	..	..	..	..	..	..	..	..	..	..	..	..	11
2nd Batch	..	..	..	..	..	..	..	..	..	..	..	..	..	12
Department of Hindi	..	..	17	8	..	..	..	..	..	..	..	17	8	..
Department of Law	..	..	..	..	..	..	..	..	8	16	49	7	..	..
School of Management studies	..	..	..	..	29	29	50	55	..	..	..	14	..	..

Table 16.23. (Contd...) 1976-77

Department	M.Sc./M.A.	Ph.D.	B. Tech.	M.Tech.	M.B.A.	Entrepreneur Development Programme	L.L.M.	D.L.L.	P.G. Certificate course
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Department of Physics	24	17	..	..	..	..	..	..	..
Department of Marine Sciences	41	26	..	..	..	..	..	..	..
Department of Industrial Fisheries	15	..	..	..	..	..	..	..	..
Department of Ship Technology	..	..	45	..	..	..	..	..	..
Department of Rubber Technology and Rubber Processing	..	..	12	..	..	..	..	..	..
Department of Electronics	..	..	..	5	..	..	..	..	..
School of Management studies	..	21	..	..	105	14	..	..	..
Department of Law	..	3	..	..	..	..	24	48	..
Department of Hindi	31	23	..	..	..	..	..	..	..
Translation	..	..	..	..	..	..	..	..	15
Department of Foreign Languages French, Russian, German	..	..	..	..	..	..	..	..	25

Table 16.23. (Contd...) 77-78

Departments	M.Sc./M.A.						Ph.D.		L.L.M.		B.LL
	1st year	2nd year	1st semester	2nd semester	3rd semester	4th semester	Full time	Part time	Previ-ous	Final	2nd year
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Department of Applied Chemistry	..	..	11	..	..	..	2	2	..	..	..
Department of Electronics	..	..	5	5	..	..	..	..	..	..	..
Department of Hindi	6	13	..	..	..	..	17	11	..	..	..
Department of Industrial Fisheries	..	..	16	..	15	..	..	..	..	..	..
Department of Law	..	..	..	..	..	..	..	..	8	13	64
Marine Biology	..	..	..	11	..	12	..	..	..	..	..
Oceanography	..	..	..	2	..	4	..	..	..	..	..
Meteorology	..	..	..	7	..	5	..	..	..	..	..
Marine Geology	..	..	..	6	..	6	18	10	..	..	..
Department of Maths and Statistics	9	..	..	..	..	..	..	8	..	..	..
Department of Physics	14	12	..	..	..	..	23	6	..	..	..

Table 16.23. (Contd..)

Department	M.B.A.						Ph.D.	B.Tech.	
	Full time			Part time			Full time	Part time	
	1st semester	2nd semester	3rd semester	1st semester	2nd semester	3rd semester			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
School of Management studies	..	36	26	44	45	36	4	28	..
Department of Polymer Science and Rubber Technology	18
Department of Ship Technology
1st Batch
2nd Batch	15
3rd Batch	15
4th Batch	14

Source: Administration report of the Cochin University

16.24. University Merit scholarships -- Kerala University

Course	1975		1976		1977		1978	
	Number of Scholarships	Amount per annum (Rs.)	Number of Scholarships	Amount per annum (Rs.)	Number of Scholarships	Amount per annum (Rs.)	Number of Scholarships	Amount per annum (Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. Pre-degree	N.A.	..	134	600	134	600	134	600
2. B.A./B.Sc./B.Com.	+146	900	132	900	132	900
3. M.A./M.Sc./M.Com./M.S.W.	*122	1200	@122	1200	116	1200
4. B.Ed.	6	900	6	900
5. M.Ed.	3	1200
6. Engineering	10	900	10	900	10	900
7. M.B.B.S.	3	900	3	900
8. B.A.M.	1	900	1	900
9. L.Lb.	4	900	4	900
10. L.L.M.	3	1200
11. M.A. (German and Russian)	2(one each)	1200	..	..

+ Including L.Lb.

* Including M.Ed.

@ Including L.L.M. and M.Ed.

16.25. University merit scholarship -- Calicut University-1978

Sl. No.	Name of the course	Number of Scholarships	Value (Rs)
1.	Pre-degree	70	500.00
2.	Degree	70	600.00
3.	P.G.	94	900.00
4.	M.C.T.	2	900.00
PROFESSIONAL COURSE			
5.	Engineering	14	600.00
6.	Medicine	8	600.00
7.	B.A.M.	2	600.00
8.	Homeopathy	1	600.00
9.	Law	3	600.00
10.	B. Ed.	20	600.00
11.	M.Phil (i) All teacher students	..	250.00P.M.
	(ii) All non-teacher students	..	150.00 „
12.	B.J.L.	1	600.00
13.	B.T.A.	2	600.00
14.	B.L. Isc.	1	600.00

Source: Administrative report of Calicut University

16.25.1. Scholarships/Fellowships - Cochin University--1975-76

<i>Scholarships</i>	<i>Number</i>
(1)	(2)
University Junior research fellowship (Rs. 300 p.m.)	10
University Merit scholarship of Rs. 1200/- per annum	11
U.G.C. Junior research fellowships of Rs. 400/- p.m.	7
C.S.I.R. Junior research fellowships of Rs. 400/- p.m.	3
C.S.I.R. Senior research fellowship of Rs. 500/- p.m.	1

Source: Administration report of the Cochin University

Table 16.25.1. (Contd...) 1976-77

<i>Scholarships</i>	<i>Number</i>
(1)	(2)
University Merit scholarship Rs. 1200/- p.a.	12
University Junior research fellowship of Rs. 300/- p.m.	8
U.G.C. Junior research fellowship of Rs. 400/- p.m.	10
U.G.C. Senior research fellowships of Rs. 600/- p.m.	1
U.G.C. Junior Research fellowships (Direct award)	1
University Merit scholarship of Rs. 600/- p.m. (To students of Engineering college)	6
P.G. Scholarship of Rs. 400/- p.m. (Engg. College)	12
C.S.I.R. Junior research fellowships of Rs. 400/- p.m.	3

Source: Administration report of the Cochin University

Table 16.25.1. (Contd...) 1977-78

<i>Scholarships</i>	<i>Number</i>
(1)	(2)
C.S.I.R. Junior research fellowship Rs. 400/- p.m.	5
C.S.I.R. Post doctoral fellowship Rs. 600/- p.m.	1
University junior research fellowship Rs. 300/- p.m.	10
University merit scholarship Rs. 1200/- p.a.	22

Source: Administration report of Cochin University

16.26. Polytechnics -- I.T.Is Number, enrolment and out turn

<i>Year</i>	<i>Poly technics</i>			<i>I.T.I.</i>		
	<i>Number</i>	<i>enrolment</i>	<i>out-tern</i>	<i>Number</i>	<i>enrolment</i>	<i>out-tern</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1970-71	14	..	..	26	..	..
1975-76	18	6497	..	21	3332	1132
1976-77	18	6879	1660	21	3484	1080
1977-78	18	6807	..	21	3498	..

Source: Technical education department

16.27. Polytechnics - Number and enrolment by branches 1976-77

Districts	Number of polytechnics	Civil	Mechanical	Electrical	Part time	Auto-mobile	Electronics	Textile technology	Post diploma in technology	Textile technology certificate course	Printing technology	Chemical engineering technology	Craft course	Diploma in commercial practice	Diploma in costume design & dress making	Instrument technology	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Trivandrum	2	106	99	119	166	..	109	86	10	58	..	..	54	148	56	45	1056
Quilon	1	153	138	182	..	..	..	..	..	..	..	..	..	..	..	..	473
Alleppey	2	283	293	289	..	..	..	..	..	..	..	..	..	..	..	..	865
Kottayam	1	111	100	111	..	..	..	..	..	..	..	..	21	..	..	..	343
Idukki	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ernakulam	1	155	85	165	112	84	..	..	..	..	..	53	..	..	..	..	654
Trichur	4	389	327	360	121	..	133	..	..	..	..	..	..	145	51	..	1526
Palghat	1	..	..	..	..	..	..	..	..	..	79	..	..	..	..	..	79
Malappuram	2	169	129	178	..	..	101	..	..	..	..	..	..	..	..	..	577
Kozhikode	2	153	105	186	81	..	..	..	..	..	..	78	..	143	55	..	801
Cannanore	2	110	140	120	32	57	..	46	..	..	..	..	..	..	..	..	505
State	18	1629	1416	1710	512	141	343	132	10	58	79	131	75	436	162	45	6879

Source: Technical education department

16.28. Literacy in Kerala State - 1961 & 1971

(Population in lakhs)

District	1961		1971				Total	% to the total population
	Literates	% to the total population	Males	% to the total male population	Females	% to the total female population		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	7.90	45.30	7.52	68.64	6.23	56.48	13.75	62.54
Quilon	9.83	50.49	8.45	70.10	7.22	59.84	15.68	64.97
Alleppey	10.27	56.90	7.88	75.22	7.09	65.79	14.97	70.44
Kottayam	8.12	61.52	5.89	76.18	5.33	69.55	11.22	72.88
Idukki	2.62	44.33	2.46	62.21	1.86	50.25	4.32	56.42
Ernakulam	8.46	50.33	7.68	70.52	6.47	60.16	14.14	65.37
Trichur	8.13	48.16	6.79	66.35	6.33	57.23	13.12	61.61
Palghat	4.61	33.69	4.47	54.58	3.40	39.22	7.87	46.69
Malappuram	4.76	34.29	5.03	55.32	3.86	40.73	8.89	47.90
Kozhikode	7.13	44.88	6.96	65.82	5.09	48.56	12.05	57.23
Cannanore	7.35	41.29	7.41	63.20	5.56	46.62	12.97	54.84
State	79.19	46.85	70.54	66.62	58.44	54.31	128.98	60.42

XVII MEDICAL

17.1. Number of Medical institutions in Kerala (Allopathic)

Year	Hospitals	Primary Health Centres	Secondary Health Centres	Dispensaries	M.C.H. centres	T.B. centres and clinics	Grant-in aid institutions	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1960-61	..	67	82	10	197	..	41	..	397
1970-71	..	112	162	1	261	1	15	1	553
1975-76	..	135	163	Nil	552	1	9	6	886
1976-77	..	138	163	Nil	551	1	9	6	888
1977-78	..	138	163	Nil	554	1	11	6	893
1978-79	..	140	163	Nil	558	1	11	6	899

Source: Director of Health Services

17.4.2. Number of Beds in Medical Institutions (Allopathic)—District-wise—1977-78

District	Hospitals	Primary Health Centres	Secondary Health Centres	Dispensaries	M.C.H. Centres	T.B. Centres and Clinics	Grant-in-Aid Medical Institutions	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	4661	188	..	146	20	28	452	..	5495
Quilon	1493	250	..	120	..	86	120	..	2069
Alleppey	2885	215	..	81	..	12	575	..	3768
Kottayam	2096	148	..	111	..	48	200	..	2603
Idukki	194	40	..	97	..	..	..	..	331
Ernakulam	2216	190	..	198	..	40	501	..	3145
Trichur	2970	216	..	81	..	..	170	..	3437
Palghat	948	129	..	155	..	52	..	..	1284
Malappuram	642	96	..	74	..	52	..	..	864
Kozhikode	3274	102	..	147	..	..	..	..	3523
Cannanore	1960	177	..	206	..	..	..	..	2343
State	23339	1751	..	1416	20	318	218	..	28862

Source: Director of Health Services.

17.4.3. Number of Beds in Medical Institutions (Allopathic)-District-wise—1978-79

District	Hospitals	Primary Health Centres	Secondary Health Centres	Dispensaries	M.C.H. Centres	T.B. Centres and Clinics	Grant-in-Aid Medical Institutions	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	4746	186	..	166	20	28	452	..	5578
Quilon	1556	250	..	120	..	86	120	..	2132
Alleppey	3061	201	..	91	..	12	575	..	3940
Kottayam	2133	178	..	127	..	48	200	..	2686
Idukki	220	46	..	110	..	..	..	..	376
Ernakulam	2320	190	..	198	..	40	501	..	3249
Trichur	3028	216	..	61	..	..	170	..	3475
Palghat	970	129	..	162	..	52	..	..	1313
Malappuram	775	114	..	74	..	52	..	..	1015
Kozhikode	3348	138	..	157	..	..	..	..	3643
Cannanore	2131	199	..	210	..	..	..	..	2540
State	24288	1847	..	1476	20	318	2018	..	29947

Source: Director of Health Services.

17.5. Number of patients treated in Medical Institutions (Allopathic) in Kerala

Year	Number of inpatients treated			Number of out-patients treated		
	Hospitals	P. H. Centres	Dispensaries and others	Hospitals	P.H. Centres	Dispensaries and others
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1975	1010483	117073	77490	10062203	5550912	8749325
1976	1077973	127280	74971	11993341	6365943	8482896
1977	1134035	129907	72449	11567609	6345830	12755836

Note:—1. Hospitals include T. B. clinics and T. B. centres.

2. P. H. Centre includes M. C. H. centre also.

Source: Director of Health Services.

17.5.1. Number of patients treated in Medical Institutions (Allopathic)—District-wise—year 1975

District	Number of in-patients treated			Number of out-patients treated		
	Hospitals	P.H. Centre	Dispensaries	Hospitals	P.H. Centre	Dispensaries
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum ..	222496	9657	8142	1435005	818440	1296880
Quilon ..	94927	13526	5848	807055	527173	952646
Alleppey ..	69074	13630	8274	1043349	691604	1097603
Kottayam ..	88222	13478	3927	981679	468891	142026
Idukki ..	4104	1665	8878	73583	181698	472809
Ernakulam ..	115620	15537	13970	1215657	599892	634853
Trichur ..	120684	14304	6085	1297836	663363	1064593
Palghat ..	63623	9262	8024	769890	340996	430253
Malappuram ..	48584	3867	2452	666608	362789	777384
Kozhikode ..	94657	11689	7685	985682	519617	733141
Cannanore ..	88492	11355	3308	785859	376449	1147137
State	1010483	117970	76593	10062203	5550912	8749325

Note: 1. Hospitals include T. B. clinics and T. B. centres.

2. P. H. Centres include MCH centre also in Trivandrum district.

Source: D. H. S.

17.5.2. Number of patients treated in Medical Institutions (Allopathic)—District-wise—1976

District	Number of in-patients treated			Number of out-patients treated		
	Hospitals	P.H. Centres	Dispensaries	Hospitals	P.H. Centres	Dispensaries
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum ..	200809	10077	8008	2546795	1059175	1300584
Quilon ..	107043	15471	5737	841262	651911	959141
Alleppey ..	96551	13991	7373	1091068	766924	1138044
Kottayam ..	104064	11513	4005	1217849	536323	537775
Idukki ..	6847	2220	4307	120853	98700	532252
Ernakulam ..	120752	15367	10614	1424226	584917	1109893
Trichur ..	127646	18058	6773	1600198	660276	997342
Palghat ..	68436	9605	7711	844101	909034	46107
Malappuram ..	52034	4339	2200	692294	38092	692332
Kozhikode ..	103766	12807	10663	728405	648448	913519
Cannanore ..	90025	13832	7580	786290	412143	1255907
State	1077973	127280	74971	11993341	6365943	9482896

Source: D. H. S.

17.5.3. Number of patients treated in Medical Institutions (Allopathic)—District-wise—Year 1977

District	Number of in-patients treated			Number of out-patients treated		
	Hospitals	P.H. Centre	Dispensaries	Hospitals	P.H. Centres	Dispensaries
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum ..	206568	10400	8772	1824890	1022322	269887
Quilon ..	100704	13027	5478	841318	891201	26618
Alleppey ..	104387	13998	3595	1206239	1167966	1099502
Kottayam ..	109291	11152	3657	1300284	457221	518141
Idukki ..	13012	2842	5044	209585	102306	4905061
Ernakulam ..	117281	14730	10520	1632394	583741	1022654
Trichur ..	132495	20122	6069	1236790	769245	1044035
Palghat ..	71769	8460	7270	895715	375460	947831
Malappuram ..	59220	5706	2314	664221	399407	814018
Kozhikode ..	117935	12576	12389	917942	672586	774293
Cannanore ..	101373	16894	7341	839221	429742	1333796
State	1134035	129907	72449	11567609	6345830	12755836

Note: 1. Hospitals include T. B. clinics and T. B. centres.

2. P. H. Centres include M. C. H. centre also in Trivandrum district.

Source: D. H. S.

17.6. Number of doctors in Medical Institutions (Allopathic-Government)

Year	Doctors
1970-71	1404
1974-75	1867
1975-76	1929
1976-77	2049
1977-78	2173
1978-79	2256

17.7. Number of Medical Institutions (Ayurvedic)

Year	Ayurveda Hospitals	Ayurveda Dispensaries	Visha Vaidya Hospitals	Visha Vaidya Dispensaries	Sidha Vaidya Dispensaries	Grand-in-aid Institutions
1960-61	37	172	1	6	..	N.A.
1970-71	41	250	2	5	3	304
1976-77	60	383	2	5	2	273
1977-78	61	393	2	5	3	278
1978-79	63	406	2	5	3	268
1979-80	70	412	2	5	3	268

Source: Director of Indian Systems of Medicines.

17.7.1. Number of Medical Institutions (Ayurvedic)—District-wise—1976-77

District	Ayurveda Hospitals	Ayurveda Dispensaries	Visha Vaidya Hospitals	Visha Vaidya Dispensaries	Sidha Vaidya Dispensaries	Grand-in-aid Institutions
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	5	34	..	..	1	37
Quilon	5	34	..	..	1	56
Alleppey	7	40	..	..	..	49
Kottayam	6	19	..	..	..	21
Idukki	1	15	..	..	..	1
Ernakulam	8	28	..	1	..	20
Trichur	8	52	2	3	..	22
Palghat	3	35	..	1	..	6
Malappuram	6	34	..	..	..	2
Kozhikode	5	34	..	..	..	13
Cannanore	6	58	..	..	..	46
State	60	383	2	5	2	273

Source: Director of Indian Systems of Medicines

17.7.2. Number of Medical Institutions (Ayurvedic)—District-wise—1977-78

District	Ayurveda Hospitals	Ayurveda Dispensaries	Visha Vaidya Hospitals	Visha Vaidya Dispensaries	Sidha Vaidya Dispensaries	Grand-in-aid Institutions
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	5	35	..	..	1	36
Quilon	5	35	..	..	1	56
Alleppey	7	41	..	..	..	48
Kottayam	6	20	..	..	..	22
Idukki	1	16	..	..	..	1
Ernakulam	8	29	..	1	..	20
Trichur	9	52	2	3	..	22
Palghat	3	36	..	1	..	6
Malappuram	6	35	..	..	1	2
Kozhikode	5	35	..	..	..	13
Cannanore	6	59	..	..	..	52
State	61	393	2	5	3	278

Source: Director of Indian Systems of Medicines.

17.7.3. Number of Medical Institutions (Ayurvedic)—District-wise—1978-79

<i>District</i>	<i>Ayurveda* Hospitals</i>	<i>Ayurveda Dispensaries</i>	<i>Visha Vaidya Hospitals</i>	<i>Visha Vaidya Dispensaries</i>	<i>Sidha Vaidya Dispensaries</i>	<i>Grand-in-aid Institutions</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum ..	6	38	..	..	1	29
Quilon ..	5	38	..	..	1	51
Alleppey ..	7	41	..	..	..	49
Kottayam ..	6	20	..	..	..	22
Idukki ..	1	16	..	..	..	1
Ernakulam ..	8	30	..	1	..	19
Trichur ..	9	56	2	3	..	24
Palghat ..	3	37	..	1	..	5
Malappuram ..	7	36	..	..	1	2
Kozhikode ..	5	35	..	..	..	13
Cannanore ..	6	59	..	..	..	53
State ..	63	406	2	5	3	268

Source: Director of Indian systems of Medicines.

* Excluding 3 College Hospitals.

17.7.4. Number of Medical Institutions (Ayurvedic)—District-wise—1979-80

<i>District</i>	<i>Ayurveda Hospitals</i>	<i>Ayurveda Dispensaries</i>	<i>Visha Vaidya Hospitals</i>	<i>Visha Vaidya Dispensaries</i>	<i>Sidha Vaidya Dispensaries</i>	<i>Grand-in-aid Institution</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum ..	6	39	..	..	1	29
Quilon ..	7	37	..	..	1	51
Alleppey ..	8	41	..	..	..	49
Kottayam ..	7	20	..	..	..	22
Idukki ..	1	20	..	..	..	1
Ernakulam ..	9	29	..	1	..	19
Trichur ..	10	57	2	3	..	24
Palghat ..	3	38	..	1	..	5
Malappuram ..	7	38	..	..	1	2
Kozhikode ..	5	35	..	..	..	13
Cannanore ..	7	58	..	..	..	53
State ..	70	412	2	5	3	268

Source: Director of Indian Systems of Medicines.

17.8. Number of beds in Medical Institutions—Ayurvedic

<i>Year</i>	<i>Ayurveda Hospitals</i>	<i>Visha Vaidya Hospitals</i>	<i>Total</i>
(1)	(2)	(3)	(4)
1976-77	1000	8	1008
1977-78	1010	8	1018
1978-79	1086	8	1094
1979-80	1161	8	1169

Source: Director of Indian Systems of medicines.

17.8.1. Number of beds in Medical Institutions -- Ayurvedic — District-wise 1976-77

<i>District</i>	<i>Ayurveda Hospitals</i>	<i>Visha Vaidya Hospitals</i>	<i>Total</i>
(1)	(2)	(3)	(4)
Trivandrum ..	86	..	86
Quilon ..	80	..	80
Alleppey ..	96	..	96
Kottayam ..	86	..	86
Idukki ..	20	..	20
Ernakulam ..	134	..	134
Trichur ..	156	8	164
Palghat ..	80	..	80
Malappuram ..	96	..	96
Kozhikode ..	60	..	60
Cannanore ..	106	..	106
State ..	1000	8	1008

Source: Director of Indian systems of medicines

17.8.2. Number of beds in Medical Institutions—Ayurvedic — District-wise (1977-78)

<i>District</i>	<i>Ayurveda Hospitals</i>	<i>Visha Vaidya Hospitals</i>	<i>Total</i>
(1)	(2)	(3)	(4)
Trivandrum ..	86	..	86
Quilon ..	80	..	80
Alleppey ..	96	..	96
Kottayam ..	86	..	86
Idukki ..	20	..	20
Ernakulam ..	134	..	134
Trichur ..	166	8	174
Palghat ..	80	..	80
Malappuram ..	96	..	96
Kozhikode ..	60	..	60
Cannanore ..	106	..	106
State ..	1010	8	1018

Source: Director of Indian systems of medicines

17.8.3. Number of beds in Medical Institutions—Ayurvedic — District-wise (1978-79)

<i>District</i>	<i>Ayurveda Hospitals</i>	<i>Visha Vaidya Hospitals</i>	<i>Total</i>
(1)	(2)	(3)	(4)
Trivandrum ..	90	..	90
Quilon ..	100	..	100
Alleppey ..	100	..	100
Kottayam ..	100	..	100
Idukki ..	20	..	20
Ernakulam ..	134	..	134
Trichur ..	170	8	178
Palghat ..	80	..	80
Malappuram ..	106	..	106
Kozhikode ..	60	..	60
Cannanore ..	126	..	126
State ..	1086	8	1094

Source: Director of Indian systems of medicines

17.8.4. Number of beds in Medical Institutions—Ayurvedic — District-wise (1979-80)

District	Ayurveda Hospitals	Visha Vaidya Hospitals	Total
(1)	(2)	(3)	(4)
Trivandrum	100	..	100
Quilon	115	..	115
Alleppey	106	..	106
Kottayam	100	..	100
Idukki	20	..	20
Ernakulam	144	..	144
Trichur	185	8	193
Palghat	80	..	80
Malappuram	115	..	115
Kozhikode	60	..	60
Cannanore	136	..	136
State	1161	8	1169

Source: Director of Indian systems of medicines

17.9. Number of patients treated in Medical Institutions—Ayurvedic

Year	Number of inpatients treated		Number of outpatients treated	
	Hospitals	Hospitals	Dispensaries	
(1)	(2)	(3)	(4)	
1976-77	14954	3293945	10491531	
1977-78	16512	3285682	10201935	
1978-79	14648	3396160	9609243	

Source: Director of Indian systems of medicine

17.9.1. Number of patients treated in Medical Institutions—Ayurvedic — District-wise (1976-77)

District	Number of inpatients treated		Number of outpatients treated	
	Hospitals	Hospitals	Dispensaries	
(1)	(2)	(3)	(4)	
Trivandrum	1907	322133	1256633	
Quilon	1339	262376	1218777	
Alleppey	1681	438490	1505418	
Kottayam	931	395966	641902	
Idukki	201	56805	458660	
Ernakulam	1500	526859	909484	
Trichur	3517	394062	1284070	
Palghat	641	125865	632304	
Malappuram	904	202847	727971	
Kozhikode	650	263375	730270	
Cannanore	1683	305167	1126042	
State	14954	3293945	10491531	

Source: Director of Indian systems of medicine

17.9.2. Number of patients treated in Medical Institutions—Ayurvedic — District-wise (1977-78)

District	Number of inpatients treated		Number of outpatients treated	
	Hospitals	Hospitals	Dispensaries	
(1)	(2)	(3)	(4)	
Trivandrum ..	2467	301216		1341697
Quilon ..	1337	314935		1419744
Alleppey ..	1136	487401		1313369
Kottayam ..	1028	415195		608192
Idukki ..	388	73149		404949
Ernakulam ..	2488	551492		897519
Trichur ..	3434	435176		1172961
Palghat ..	1252	131293		664434
Malappuram ..	882	168002		721822
Kozhikode ..	711	168002		700552
Cannanore ..	1358	239967		956696
State ..	16512	3235682		10201935

Source: Director of Indian systems of medicine

17.9.3. Number of patients treated in Medical Institutions—Ayurvedic — District-wise (1978-79)

District	Number of inpatients treated		Number of outpatients treated	
	Hospitals	Hospitals	Dispensaries	
(1)	(2)	(3)	(4)	
Trivandrum ..	1747	329933		1262943
Quilon ..	1299	311839		983179
Alleppey ..	1257	494610		1323020
Kottayam ..	1185	367379		513973
Idukki ..	343	75241		444597
Ernakulam ..	1965	545141		828843
Trichur ..	2938	471798		1182081
Palghat ..	1164	145028		692921
Malappuram ..	847	200373		642560
Kozhikode ..	772	226229		753670
Cannanore ..	1131	228589		981456
State ..	14648	3396160		9609243

Source: Director of Indian systems of medicine

17.10. Number of Doctors in Medical Institutions—Ayurvedic (Government)

Year	Doctors
1970-71 ..	48
1974-75 ..	130
1975-76 ..	129
1976-77 ..	131
1977-78 ..	131
1978-79 ..	155

Source: Director of Indian systems of medicine

17.11. Number of Medical Institutions—Homoeopathic

Year	Homoeopathic Hospitals	Homoeopathic Dispansaries
(1)	(2)	(3)
1960-61 ..	1	5
1970-71 ..	2	45
1976-77 ..	8	113
1977-78 ..	9	113
1978-79 ..	10	133

Source: Director of Homoeopathy

17.11.1. Number of Medical Institutions—Homoeopathic—District-wise (1976-77 to 1978-79)

District	1976-77		1977-78		1978-79	
	Homoeopathic Hospitals	Homoeopathic Dispensaries	Homoeopathic Hospitals	Homoeopathic Dispensaries	Homoeopathic Hospitals	Homoeopathic Dispensaries
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Trivandrum ..	1	9	1	9	1	11
2. Quilon ..	..	11	..	11	..	14
3. Alleppey ..	1	14	1	14	1	15
4. Kottayam ..	1	12	1	12	1	14
5. Idukki ..	..	8	1	9	1	10
6. Ernakulam ..	1	9	1	9	1	11
7. Trichur ..	1	6	1	6	1	7
8. Palghat ..	1	11	1	11	1	13
9. Malappuram ..	..	10	1	10	..	12
10. Kozhikode ..	1	9	1	9	1	10
11. Cannanore ..	1	14	1	14	1	16
State ..	8	113	10	113	10	133

Source: Director of Homoeopathy

17.12. Number of Beds in Medical Institutions—Homoeopathic

Year	Number of Beds
(1)	(2)
1976-77	250
1977-78	275
1978-79	300

Source: Director of Homoeopathy

17.12.1. Number of beds in Medical Institutions—Homoeopathic—District-wise (1976-77 to 1978-79)

District	Number of Beds		
	1976-77	1977-78	1978-79
(1)	(2)	(3)	(4)
Trivandrum ..	50	50	50
Quilon ..	..	..	..
Alleppey ..	25	25	25
Kottayam ..	50	50	50
Idukki ..	..	..	..
Ernakulam ..	25	25	25
Trichur ..	25	25	25
Palghat ..	..	..	..
Malappuram ..	25	50	50
Kozhikode ..	25	25	25
Cannanore ..	..	275	300
State ..	250	275	300

Source: Director of Homoeopathy

17.13. Number of patients treated in Medical Institutions—Homoeopathic

Year	Number of in-patients treated		Number of out-patients treated	
	Hospitals	Dispensaries	Hospitals	Dispensaries
(1)	(2)	(3)	(4)	(5)
1976-77	4116	..	899854	..
1977-78	3854	..	893687	..
1978-79	4423	..	840021	..

Source: Director of Homoeopathy

17.14. Number of patients treated in Medical Institutions—Homoeopathic—District-wise (1976-77 to 1978-79)

District	1976-77		1977-78		1978-79	
	Number of persons treated at Hospitals		Number of persons treated at Hospitals		Number of persons treated in Hospitals	
	In-patients	Out-patients	In-patients	Out-patients	In-patients	Out-patients
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Trivandrum ..	1510	171627	1157	208092	1225	170507
2. Quilon ..	..	..	..	..	..	..
3. Alleppey ..	346	213398	285	54683	215	155230
4. Kottayam ..	722	67713	632	166496	697	53144
5. Idukki ..	..	..	..	..	..	37430
6. Ernakulam ..	239	71829	253	103707	266	103261
7. Trichur ..	242	94756	328	102592	287	91173
8. Palghat ..	315	32019	246	35970	289	37539
9. Malappuram ..	..	..	..	54639	116	48644
10. Kozhikode ..	369	203257	462	126454	432	104683
11. Cannanore ..	373	45255	491	41054	296	38810
State ..	4116	899854	3854	893687	4423	840021

17.15. Number of Family planning centres in Kerala

Year	Urban Area		Rural Area		Total
	Govt. F.W. urban centres		Main centres	Sub centres	
(1)	(2)		(3)	(4)	(5)
1970-71 ..	21		158	1603	1782
1975-76 ..	21		158	1788	1967
1976-77 ..	21		158	1788	1967
1977-78 ..	21		158	1788	1967
1978-79 ..	21		158	1788	1967
1979-80 ..	21		163	1788	1972

Source: Director of Health services

17.16.1. Number of Family planning centres—District-wise 1975-76

District	Urban Area		Rural Area		Total
	Govt. F.W. urban centres		Main centres	Sub-centres	
(1)	(2)		(3)	(4)	(5)
Trivandrum ..	3		17	176	196
Quilon ..	1		18	215	234
Alleppey ..	3		20	181	204
Kottayam ..	2		14	143	159
Idukki ..	..		4	77	81
Ernakulam ..	4		17	155	176
Trichur ..	1		18	186	205
Palghat ..	1		11	141	153
Malappuram ..	..		12	161	173
Kozhikode ..	4		14	156	174
Cannanore ..	2		13	197	212
State ..	21		158	1788	1967

Source: Director of Health services

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