



GOVERNMENT OF KERALA

**BROCHURE ON  
HOUSING STATISTICS  
1987**

**DEPARTMENT OF  
ECONOMICS AND STATISTICS**

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## FOREWORD

This brochure is one among the various publications of the Department of Economics and Statistics. Like the previous issue, it presents the data on construction activities, prices of building materials, wages of the building labour and the like. The data included in the brochure are those derived out of the periodical returns received from other governmental and quasi-governmental organisations and from other records.

It is prepared by the combined efforts of the following staff of the Labour and Housing statistical unit under the guidance and supervision of Sri C. P. Gopinathan Nair, Assistant Director and Smt. K. Leelakumari, Joint Director.

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Suggestions for improvement of this publication are welcome from its users and readers.

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Trivandrum,  
22-8-1987



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## INTRODUCTION

The shelter, as one of the basic needs has an important place in the social life of the people. Every person desires to have a shelter of his own in order to preserve and maintain a decent family life. But only a few who are affluent in the society can construct comfortable buildings with such surroundings as would facilitate the resident more happy and cheerful. The others have to satisfy with the less comfortable buildings or unhealthy dwellings which are not conducive to the climatic conditions prevailing in the State. Despite these uneven availability of housing facilities, its vital role in creating a congenial atmosphere for social and economic progress and in leading a happy and decent life by men cannot be forgotten in this context.

The three tier system is adopted for the collection of housing statistics with one statistical cell in the Public Works Department, another cell attached to the Directorate of Municipal administration and third one (Co-ordinating unit) in the Directorate of Economics and Statistics. These statistical cells, though with a skeleton staff continue to engage in the collection of housing statistics.

The information on house construction activities, prices of building materials, wages of building labour and the like are very useful for the formulation of housing policies. The availability of housing statistics is limited. This brochure serves the purpose of making available the data to a considerable extent. It is prepared on the same line as the previous one prepared and published in 1982.

*Structure of the brochure.*—The brochure is divided into five parts. The Part I contains the census data on housing and the statistics derived out of the survey figures on housing and employment. The second part covers the housing statistics on constructions the cost of which comes to or exceeds Rs. 50,000 in the public sector undertaken by the Public Works Department. The data on building construction activities in the private sector for which the plans sanctioned by the Municipal authorities and the Corporation authorities are presented in Parts III and IV respectively. The particulars relating to the prices of building materials, wages of building labour and the building cost index numbers worked out for Trivandrum centre with the year 1971 as the base are shown in Part V.

*Coverage and limitations.*—The statistics on all constructions undertaken in the private sector are furnished by the Municipal and Corporation authorities in respect of urban areas on a quarterly basis. The data on construction activities in the public sector costing Rs. 50,000 and above are supplied for every financial year by the Public Works Department. The prices of building materials and wages of building labour are collected from the district headquarters in every quarter by this Directorate. The building cost index numbers are constructed for Trivandrum centre only with 1971 as the base year. The data relating to the constructions the cost of which is less than Rs. 50,000 undertaken by the Public Works Department in the public sector are not collected, according to the directions received from the National Buildings Organisation. The housing and building statistics in the private sector relating to the rural areas are also not collected.

## PART I

TABLE 1.1

## Area, Population, Density and Houses in Kerala (District-wise)—1981

District	Area (k.m.)	Rank	Population (000')	Rank	Density	Rank	Occupied Resi- dential Houses	
							(000')	Rank
1	2	3	4	5	6	7	8	9
Trivandrum ..	2192.0	10	2596	3	1184	2	460	2
Quilon ..	4620.0	3	2814	1	609	8	503	1
Alleppey ..	1883.0	12	2350	7	1248	1	419	5
Kottayam ..	2204.0	9	1697	10	770	6	288	10
Idukki ..	5061.0	1	972	11	192	12	182	11
Ernakulam ..	2408.0	7	2535	4	1053	3	426	4
Trichur ..	3032.0	6	2440	5	805	5	411	6
Palghat ..	4480.0	4	2044	9	456	10	359	8
Malappuram ..	3548.0	5	2403	6	677	7	365	7
Kozhikode ..	2345.0	8	2245	8	957	4	354	9
Wynad ..	2132.0	11	554	12	260	11	101	12
Cannanore ..	4958.0	2	2804	2	565	9	430	3
State ..	38863.0	..	25454	..	655	..	4297	..

Sources\*: Census of India 1981—Series—1 India Part II B (i)

TABLE 1-2

District-wise distribution of Census households in Kerala (1921 to 1981) (Nos.)

District	Rural						
	1921	1931	1941	1951	1961	1971	1981
1	2	3	4	5	6	7	8
Trivandrum ..	102,477	125,752	150,737	173,641	219,277	278,020	370,908
Quilon ..	127,568	160,038	197,694	235,340	307,101	373,285	451,520
Alleppey ..	158,617	189,076	213,754	229,566	262,733	298,425	364,581
Kottayam ..	114,093	147,491	167,338	181,637	271,929	313,695	267,957
Idukki ..	..	..	..	..	..	..	178,527
Ernakulam ..	141,768	164,168	193,045	210,462	240,914	274,580	267,928
Trichur ..	132,572	150,872	172,757	192,780	236,911	298,115	330,954
Palghat ..	193,291	206,619	226,069	231,351	277,547	259,975	333,573
Malappuram ..	..	..	..	..	..	266,725	343,170
Kozhikode ..	224,814	248,510	271,014	292,578	368,114	246,885	270,761
Wynad ..	..	..	..	..	..	..	103,358
Cannanore ..	142,931	162,141	181,449	195,318	237,691	309,465	348,107
Kerala ..	1,338,131	1,554,667	1,773,857	1,942,673	2,422,217	2,919,170	3,631,344

TABLE 1.2—(cont.)

District	Urban						
	1921	1931	1941	1951	1961	1971	1981
	9	10	11	12	13	14	15
Trivandrum ..	16,836	20,288	29,727	44,515	69,777	89,105	120,173
Quilon ..	7,083	9,609	13,664	20,555	21,572	28,700	63,149
Alleppey ..	16,958	20,070	23,799	35,198	50,268	57,275	65,124
Kottayam ..	9,858	12,758	15,121	23,831	24,554	31,670	27,319
Idukki ..	..	..	..	..	..	..	8,148
Ernakulam ..	15,399	23,413	28,188	35,841	58,994	96,140	173,345
Trichur ..	8,575	13,853	18,892	24,881	28,719	37,385	85,978
Palghat ..	11,489	12,417	17,260	21,996	28,047	35,630	36,994
Malappuram ..	..	..	..	..	..	..	26,403
Kozhikode ..	18,711	20,243	31,316	34,907	58,539	74,605	91,629
Wynad ..	..	..	..	..	..	..	..
Cananore ..	8,793	9,660	11,510	16,830	40,865	46,040	93,671
Kerala ..	113,702	142,311	189,477	258,554	381,316	514,040	791,933

Source: Director of Census Operations, Kerala.

TABLE 1.3

District-wise distribution of households and population by religion—Kerala (1981)

Sl. No.	District	Total Urban/ Rural	Households					Religion not stated	Total
			Hindu	Christian	Muslim	Others			
1	2	3	4	5	6	7	8	9	
1	Trivandrum	T	338,545	90,471	61,978	31	56	491,081	
		R	249,105	71,954	49,807	3	39	370,908	
		U	89,440	18,517	12,171	28	17	120,173	
2	Quilon	T	336,242	115,417	62,953	28	29	514,669	
		R	297,061	103,519	50,898	18	24	451,520	
		U	39,181	11,898	12,055	10	5	63,149	
3	Alleppey	T	287,880	114,887	26,852	55	31	429,705	
		R	248,933	98,134	17,478	17	19	364,581	
		U	38,947	16,753	9,374	38	12	65,124	
4	Kottayam	T	146,223	135,700	13,293	..	51	295,276	
		R	131,637	124,944	11,325	..	44	267,957	
		U	14,586	10,756	1,968	..	7	27,319	
5	Idukki	T	99,152	76,455	10,973	13	82	186,675	
		R	95,392	73,898	9,144	13	80	178,527	
		U	3,760	2,557	1,829	..	2	8,148	
6	Ernakulam	T	214,239	174,331	52,191	433	79	441,273	
		R	126,527	112,236	29,117	9	39	267,928	
		U	87,712	62,095	23,074	424	40	173,345	
7	Trichur	T	257,918	103,216	55,745	12	41	416,932	
		R	208,265	73,793	48,863	4	29	330,954	
		U	49,653	29,423	6,882	8	12	85,978	

TABLE 1.3—(cont.)

Sl. No.	District	Total Urban/ Rural	Population					Total
			Hindu	Christian	Muslim	Others	Religion not stated	
			10	11	12	13	14	
1	Trivandrum	T	1,811,686	459,396	324,545	155	330	2,596,112
		R	1,336,906	360,743	242,445	17	240	1,940,351
		U	474,780	98,653	82,100	138	90	655,761
2	Quilon	T	1,781,470	637,516	394,353	121	190	2,813,650
		R	1,563,049	568,688	311,598	82	113	2,443,530
		U	218,421	68,828	82,755	39	77	370,120
3	Alleppey	T	1,539,534	635,193	175,021	279	118	2,350,145
		R	1,324,905	541,309	110,251	87	81	1,976,633
		U	214,629	93,884	64,770	192	37	373,512
4	Kottayam	T	807,014	805,953	84,217	..	219	1,697,442
		R	727,387	739,105	71,611	..	198	1,538,335
		U	79,627	66,848	12,606	..	21	159,107
5	Idukki	T	488,576	419,288	63,331	63	378	971,636
		R	469,491	404,870	52,212	63	371	927,007
		U	19,085	14,418	11,119	..	7	44,629
6	Ernakulam	T	1,173,596	1,019,249	339,737	2,262	450	2,535,294
		R	697,314	650,706	184,123	38	221	1,532,462
		U	476,282	368,543	155,614	2,224	229	1,002,892
7	Trichur	T	1,463,666	612,438	363,218	40	181	2,439,543
		R	1,177,268	431,300	316,040	17	135	1,924,760
		U	286,398	181,138	47,178	23	46	514,783

TABLE 1.3—(cont.)

Sl. No.	District	Total Urban/ Rural	Households					
			Hindu	Christian	Muslim	Others	Religion not stated	Total
1	2	3	4	5	6	7	8	9
8	Palghat	T	284,507	15,012	71,013	7	28	370,567
		R	255,178	13,449	64,919	4	23	333,573
		U	29,329	1,563	6,094	3	5	36,994
9	Malappuram	T	130,714	11,040	227,759	3	57	369,573
		R	121,858	10,480	210,775	3	54	343,170
		U	8,856	560	16,984	..	3	26,403
10	Kozhikode	T	230,768	19,043	112,404	125	50	362,390
		R	171,750	15,021	83,956	15	19	270,761
		U	59,018	4,022	28,448	110	31	91,629
11	Wynad	T	55,494	23,934	23,538	344	48	103,358
		R	55,494	23,934	23,538	344	48	103,358
		U	..	..	..	..	..	..
12	Cannanore	T	299,166	45,908	96,598	26	80	441,778
		R	231,362	43,266	73,398	7	74	348,107
		U	67,804	2,642	23,200	19	6	93,671
	Kerala	T	2,680,848	825,414	815,297	1,086	632	4,423,277
		R	2,192,562	764,628	673,218	444	492	3,631,344
		U	488,286	160,786	142,079	642	140	791,933



TABLE 1.3—(cont.)

Sl. No.	District	Total Urban/ Rural	Population					Total
			Hindu	Christian	Muslim	Others	Religion not stated	
			10	11	12	13	14	
8	Palghat	T	1,494,668	76,690	472,787	26	228	2,044,399
		R	1,339,281	68,479	429,744	14	212	1,837,730
		U	155,387	8,211	43,043	12	16	206,669
9	Malappuram	T	771,257	57,217	1,573,988	14	225	2,402,701
		R	720,577	54,597	1,449,523	14	216	2,224,927
		U	50,680	2,620	124,465	..	9	177,774
10	Kozhikode	T	1,374,368	107,711	762,207	679	300	2,245,265
		R	1,010,385	85,588	538,837	81	142	1,635,033
		U	363,983	22,123	223,370	598	158	610,232
11	Wynad	T	280,485	135,504	136,091	1,771	175	554,026
		R	280,485	135,504	136,091	1,771	175	554,026
		U	..	..	..	..	..	..
12	Cannanore	T	1,815,027	267,710	720,192	173	365	2,803,467
		R	1,375,115	253,174	518,994	42	346	2,147,671
		U	439,912	14,536	201,198	131	19	655,796
Kerala	T	14,801,347	5,233,865	5,409,687	5,622	3,159	25,453,680	
	R	12,022,163	4,294,063	4,361,469	2,260	2,450	206,82,405	
	U	2,779,184	939,802	1,048,218	3,362	709	4,771,275	

Source: Census of India, 1981—Series 10 (Paper I of 1985—Household population by religion of head of household).

TABLE 1.4

## Average number of persons per Census household

District	1961			1971			1981		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7	8	9	10
Trivandrum	5.57	5.69	5.95	6.05	5.98	6.28	5.29	5.23	5.45
Quilon	5.81	5.78	6.23	6.01	5.96	6.61	5.47	5.41	5.86
Alleppey	5.92	5.89	6.05	6.02	5.97	6.29	5.47	5.42	5.65
Kottayam	5.81	5.76	6.32	6.19	6.16	6.48	5.75	5.74	5.82
Idukki	..	..	..	..	..	..	5.20	5.19	5.48
Ernakulam	6.09	6.03	6.36	6.32	6.24	6.54	5.75	5.72	5.79
Trichur	6.10	6.08	6.34	6.43	6.41	6.64	5.85	5.82	5.92
Palghat	5.41	5.38	5.72	5.76	5.74	5.88	5.52	5.51	5.59
Malappuram	..	..	..	6.51	6.47	7.04	6.50	6.48	6.73
Kozhikode	5.80	5.69	6.45	6.37	6.13	7.17	6.20	6.04	6.66
Wynad	..	..	..	..	..	..	5.36	5.36	..
Cannanore	6.05	5.92	6.79	6.58	6.52	6.95	6.35	6.17	7.00
Kerala	5.84	5.80	6.24	6.22	6.16	6.57	5.75	5.70	6.02

Source: Director of Census Operations, Kerala.

TABLE 1.5

Proportion of Census houses under different uses in each district compared with the State average

Serial number	Use of houses	Trivandrum	Quilon	Alleppey	Kottayam	Idukki	Ernakulam
		3	4	5	6	7	8
1	2	3	4	5	6	7	8
1	Vacant ..	8.65	6.18	5.54	5.48	7.30	5.59
2	Residence ..	68.53	68.60	67.63	70.46	73.49	68.48
3	Shop-cum-residence ..	0.25	0.60	0.66	0.61	0.91	0.45
4	Workshop-cum-residence including household industry ..	1.03	0.96	3.84	1.31	0.52	1.74
5	Hotels, sarais, dharamasalas, tourist-homes and inspection houses ..	0.18	0.14	0.13	0.20	0.15	0.13
6	Shops excluding eating houses ..	4.52	5.09	4.72	4.91	2.93	4.57
7	Business houses and offices ..	0.87	0.76	0.94	1.07	0.84	1.36
8	Factories, workshops and worksheds ..	2.24	2.26	3.11	2.89	2.31	3.37
9	Restaurants, sweet, meat shops and eating places ..	1.31	1.78	1.50	1.16	1.05	1.38
10	Places of entertainments and community gatherings ..	0.35	0.32	0.30	0.40	0.30	0.31
11	Places of worships ..	1.78	0.86	0.98	0.83	0.65	0.78
12	Others ..	10.29	12.45	10.65	10.59	9.55	11.84

TABLE 1.5—(cont.)

Serial number	Use of houses	Trichur	Palghat	Malappuram	Wayanad	Kozhikode	Cannanore	State
		9	10	11	12	13	14	15
1	Vacant ..	5.43	6.03	7.51	8.17	8.77	9.60	6.96
2	Residence ..	69.70	70.19	71.33	72.98	69.99	64.23	69.02
3	Shop-cum-residence ..	0.68	0.93	0.18	0.29	0.03	0.16	0.47
4	Workshop-cum-residence including household industry ..	2.59	1.68	0.75	0.55	1.40	3.73	1.84
5	Hotels, sarais, dharmasalas, tourist homes and inspection houses ..	0.12	0.07	0.17	0.12	0.05	0.08	0.13
6	Shops excluding eating houses ..	3.96	2.87	4.25	3.52	5.97	4.68	4.48
7	Business houses and offices ..	1.12	0.75	0.72	0.76	1.08	0.98	0.95
8	Factories, workshops and worksheds ..	2.79	2.11	2.06	1.90	2.75	2.65	2.59
9	Restaurants, sweet, meat shops and eating places ..	1.46	1.24	1.79	1.64	1.50	1.87	1.50
10	Places of entertainments and community gatherings ..	0.29	0.25	0.16	0.25	0.35	0.44	0.32
11	Places of worships ..	1.14	2.03	1.71	1.16	1.35	1.38	1.25
12	Others ..	10.72	11.85	9.37	8.66	6.78	10.20	10.49

TABLE 1.6

Percentage distribution of the different types of Census House between the Rural and Urban areas (1981)

Serial number	Type of houses	Kerala		Trivandrum		Quilon		Alleppey		Kottayam	
		Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban
1	2	3	4	5	6	7	8	9	10	11	12
1	Residence ..	70.07	64.44	69.26	66.31	68.85	66.77	69.23	59.35	72.21	56.32
2	Shop-cum-residence ..	0.48	0.42	0.24	0.28	0.60	0.59	0.66	0.71	0.62	0.53
3	Workshop-cum-residence including household industry..	1.86	1.76	1.08	0.89	1.00	0.63	3.52	5.50	1.21	2.15
4	Hotels, sarais, dharmasala, tourist homes and inspection houses ..	0.08	0.37	0.07	0.50	0.10	0.37	0.09	0.32	0.12	1.68
5	Shops excluding eating houses ..	4.03	6.44	4.09	5.80	4.85	6.77	4.26	7.08	4.53	7.97
6	Business houses and offices ..	0.69	2.11	0.50	1.96	0.62	1.79	0.74	1.97	0.78	3.48
7	Factory workshops and worksheds ..	2.19	4.33	1.86	3.38	1.49	4.24	2.85	4.41	2.51	5.88
8	Restaurants, sweet, meat shops and eating places ..	1.56	1.23	1.46	0.86	1.85	1.32	1.53	1.33	1.17	1.08
9	Community gathering (Panchayat ghar) excluding places of worship ..	0.30	0.41	0.36	0.34	0.32	0.39	0.29	0.39	0.39	0.45
10	Places of worship (e.g. temple, church, mosque, gurudwar etc.) ..	1.32	0.90	1.99	1.16	0.86	0.85	1.01	0.81	0.86	0.61
11	Others ..	10.52	10.35	10.18	10.64	12.78	10.09	10.41	11.91	10.08	14.66
12	Vacant ..	6.90	7.24	8.91	7.88	6.18	6.19	5.41	6.22	5.52	5.19

TABLE 1.6--(cont.)

Serial number	Type of houses	Idukki		Ernakulam		Trichur		Palghat	
		Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban
		13	14	15	16	17	18	19	20
1	Residence ..	74.03	63.57	69.13	67.45	71.09	64.78	70.63	66.20
2	Shop-cum-residence ..	0.91	0.89	0.49	0.40	0.65	0.82	0.94	0.90
3	Workshop-cum-residence ..								
	including household industry ..	0.51	0.81	2.24	0.94	2.64	2.41	1.63	2.12
4	Hotels, sarais, dharmasala, ..								
	tourist homes and inspection ..	0.13	0.68	0.05	0.26	0.06	0.34	0.05	0.20
5	Shops excluding eating houses ..	2.83	4.71	3.61	6.09	3.54	5.45	2.50	6.28
6	Business houses and offices ..	0.73	2.78	0.83	2.20	0.79	2.29	0.60	2.12
7	Factory workshops and ..								
	worksheds ..	2.16	5.03	2.73	4.38	2.29	4.55	1.88	4.18
8	Restaurants, sweets meat shops ..								
	and eating places ..	1.01	1.73	1.57	1.07	1.53	1.21	1.26	1.06
9	Community gathering (Pancha- ..								
	yat ghar) excluding places of ..	0.30	0.28	0.30	0.33	0.28	0.32	0.23	0.43
10	Places of worship (eg. temple, ..								
	church, mosque, gurudwar ..	0.66	0.60	0.89	0.60	1.21	0.88	2.09	1.53
11	Others ..	9.45	11.35	13.18	9.73	10.62	11.09	12.24	8.31
12	Vacant ..	7.28	7.57	4.98	6.55	5.30	5.86	5.95	6.67

TABLE 1.6—(cont.)

Serial number	Type of houses	Malappuram		Kozhikode		Wynad		Cannanore	
		Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban
		21	22	23	24	25	26	27	28
1	Residence ..	71.89	64.67	71.85	64.59	72.98	..	65.74	60.73
2	Shop-cum-residence ..	0.18	0.18	0.02	0.06	0.29	..	0.18	0.09
3	Workshop-cum-residence including household industry ..	0.75	0.74	1.54	1.00	0.55	..	4.09	2.52
4	Hotels, sarais, dharmasala, tourist homes and inspection houses ..	0.14	0.53	0.02	0.15	0.12	..	0.04	0.23
5	Shops excluding eating houses ..	3.99	7.41	5.49	7.37	3.52	..	4.11	6.63
6	Business houses and offices ..	0.61	1.93	0.73	2.06	0.76	..	0.73	1.86
7	Factory workshops and worksheds ..	1.96	3.18	2.17	4.43	1.90	..	2.00	4.88
8	Restaurants, sweet, meat shops and eating places ..	1.84	1.21	1.56	1.30	1.64	..	1.87	1.86
9	Community gathering (Pancha- yat ghar) excluding places of worship ..	0.16	0.17	0.29	0.53	0.25	..	0.36	0.73
10	Places of worship (eg. temple, church, mosque, gurudwar etc.) ..	1.74	1.41	1.49	0.89	1.16	..	1.50	0.96
11	Others ..	9.25	10.79	5.74	9.80	8.66	..	10.49	9.18
12	Vacant ..	7.49	7.78	9.10	7.82	8.17	..	9.39	10.33

TABLE 1.7

Percentage distribution of houses by uses to which they are put in cities and urban agglomerations of more than one lakh population

Serial number	Type of houses	State Urban	Cannanore urban area	Calicut urban area	Palghat urban area	Trichur urban area	Cochin urban area	Alleppey urban area	Quilon urban area	Trivandrum urban area
1	2	3	4	5	6	7	8	9	10	11
1	Vacant	7.24	9.95	7.86	6.25	5.64	6.76	6.30	5.65	7.45
2	Residence	64.44	57.76	65.54	66.72	64.62	68.08	63.96	64.04	68.90
3	Shop-cum-residence	0.42	0.15	0.07	0.90	0.84	0.37	0.67	0.56	0.29
4	Workshop-cum-residence	1.76	2.28	0.90	1.30	1.55	0.78	3.60	0.48	0.77
5	Hotels, sarais, dharmasala, tourist homes and inspection houses	0.37	0.16	0.15	0.23	0.33	0.26	0.26	0.62	0.59
6	Shops excluding eating houses	6.44	7.78	7.26	7.93	5.91	6.22	7.57	7.36	5.64
7	Business houses and offices	2.11	2.82	2.09	2.27	3.31	2.36	1.54	2.50	2.04
8	Factories, workshop and worksheds	4.33	6.24	4.34	4.79	5.03	4.10	4.71	4.89	3.33
9	Restaurants, sweet, meat shops and eating places	1.23	1.89	1.21	0.97	0.75	0.98	1.16	1.26	0.76
10	Places of entertainments and community gatherings	0.41	0.70	0.56	0.52	0.31	0.32	0.41	0.56	0.36
11	Places of worship	0.90	0.73	0.90	1.35	0.52	0.59	0.65	0.77	0.99
12	Others	10.35	9.54	9.12	6.77	11.19	9.18	9.17	11.31	8.88
	Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00



TABLE 1.8

Percentage distribution of houses according to availability of primary facilities, 1980

Serial number	District	Houses electrified	Houses having sufficient drinking water facility	Houses with water sealed latrines
1	2	3	4	5
1	Trivandrum ..	29.44	70.79	19.10
2	Quilon ..	22.29	58.33	17.71
3	Alleppey .	28.15	64.69	16.54
4	Kottayam .	30.29	44.89	21.90
5	Idukki ..	11.90	54.76	13.69
6	Ernakulam ..	35.16	56.61	30.17
7	Trichur ..	30.03	61.58	23.41
8	Palghat ..	21.18	52.06	12.94
9	Malappuram ..	10.50	61.18	10.88
10	Kozhikode ..	16.92	64.87	18.72
11	Cananore ..	19.30	66.98	12.79
	Kerala ..	23.88	60.67	18.25

Source: Report on Employment and Housing survey, 1980 conducted by the Directorate of Economics and Statistics.

**TABLE 1.9**  
**Nature of dwelling houses in Kerala, 1980 (Percentage distribution)**

District	Hutments	Dilapidated old buildings	Other buildings according to floor area up to 500 sq. ft.		501-1000 sq. ft.	1001-1500 sq. ft.	Above 1500 sq. ft.	Total
			Buildings having no separate kitchen	Buildings having separate kitchen				
1	2	3	4	5	6	7	8	9
Trivandrum ..	18.72	7.54	12.81	25.10	24.14	8.64	3.05	100.00
Quilon ..	27.46	6.33	24.19	15.15	18.33	6.27	2.27	100.00
Alleppey ..	36.07	4.94	10.56	22.19	16.78	6.83	2.63	100.00
Kottayam ..	27.70	3.39	13.33	21.55	21.81	8.87	3.35	100.00
Idukki ..	36.17	5.24	12.66	28.13	12.40	3.98	1.42	100.00
Ernakulam ..	20.71	3.23	12.96	23.05	27.21	9.57	3.27	100.00
Trichur ..	18.21	3.00	8.09	24.29	28.93	12.47	5.01	100.00
Palghat ..	19.32	3.76	17.43	23.54	23.97	8.65	3.33	100.00
Malappuram ..	24.26	3.92	20.16	20.72	20.75	7.66	2.53	100.00
Kozhikode ..	20.93	3.68	12.03	26.74	24.44	9.04	3.14	100.00
Cannanore ..	19.46	4.63	11.57	20.93	25.99	12.29	5.13	100.00
<b>Kerala ..</b>	<b>23.75</b>	<b>4.60</b>	<b>14.31</b>	<b>22.46</b>	<b>22.77</b>	<b>8.82</b>	<b>3.29</b>	<b>100.00</b>

Source: Report on Employment and Housing Survey, 1980 conducted by the Directorate of Economics and Statistics.

## PART II

TABLE 2.1

House building activities in the Public Sector (No. of plans sanctioned) P.W.D., Kerala

Sl. No.	Type of construction	1980-81			1981-82		
		No.	Plinth area (Sq. m.)	Floor area (Sq. m.)	No.	Plinth area (Sq. m.)	Floor area (Sq. m.)
1	2	3	4	5	6	7	8
	(a) NEW CONSTRUCTION—WORKS COMMENCED DURING THE YEAR						
1	Residential Buildings						
	(a) Dwelling quarters	.. 4	1966	1465	18	13465	11527
	(b) Other residential places	.. 8	8671	7210	5	9473	8283
2	Industrial Buildings	.. ..	..	..	..	..	..
3	Commercial Buildings	.. 17	2641	2079	29	27417	22274
4	Institutional Buildings	.. 48	35905	29957	111	79811	65787
5	Other Buildings	.. ..	..	..	..	..	..
	Total	.. 77	49183	40711	163	130166	107871
	(b) ADDITIONS AND ALTERATIONS—WORKS COMMENCED DURING THE YEAR						
1	Residential Buildings						
	(a) Dwelling quarters	.. ..	..	..	..	..	..
	(b) Other residential places	.. ..	..	..	..	..	..
2	Industrial Buildings	.. ..	..	..	..	..	..
3	Commercial Buildings	.. ..	..	..	..	..	..
4	Institutional Buildings	.. ..	..	..	..	..	..
5	Other Buildings	.. ..	..	..	..	..	..
	Total	.. ..	..	..	..	..	..

TABLE 2.1—(cont.)

Sl. No.	Type of construction	1982-83			1983-84			1984-85		
		No.	Plinth area (Sq.m.)	Floor area (Sq.m.)	No.	Plinth area (Sq.m.)	Floor area (Sq.m.)	No.	Plinth area (Sq.m.)	Floor area (Sq.m.)
		9	10	11	12	13	14	15	16	17
	<b>(a) NEW CONSTRUCTION—WORKS COMMENCED DURING THE YEAR</b>									
1	Residential buildings									
	(a) Dwelling quarters ..	20	26836	21134	48	20944	16744	74	21822	17677
	(b) Other residential places ..	6	4924	4031	13	20464	17122	11	12873	9795
2	Industrial buildings ..	..	..	..	..	..	..	..	..	..
3	Commercial buildings ..	26	7689	6178	43	25510	21817	22	14636	13411
4	Institutional buildings ..	109	91594	75052	98	65264	54422	132	82886	69395
5	Other Buildings ..	1	4295	4092	1	757	681	3	1256	1057
	<b>Total ..</b>	<b>162</b>	<b>135338</b>	<b>110487</b>	<b>203</b>	<b>132939</b>	<b>110786</b>	<b>242</b>	<b>133473</b>	<b>111335</b>
	<b>(b) ADDITIONS AND ALTERATIONS—WORKS COMMENCED DURING THE YEAR</b>									
1	Residential buildings									
	(a) Dwelling quarters ..	..	..	..	..	..	..	..	..	..
	(b) Other residential places ..	..	..	..	..	..	..	..	..	..
2	Industrial buildings ..	..	..	..	..	..	..	..	..	..
3	Commercial buildings ..	..	..	..	1	50	46	..	..	..
4	Institutional buildings ..	..	..	..	2	1811	1509	..	..	..
5	Other buildings ..	..	..	..	..	..	..	..	..	..
	<b>Total ..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>3</b>	<b>1861</b>	<b>1555</b>	<b>..</b>	<b>..</b>	<b>..</b>

TABLE 2.2

## House building activities in the Public Sector (No. of plans sanctioned) P.W.D., Kerala

Sl. No.	Type of construction	1980-81			1981-82		
		No.	Plinth area (Sq.m.)	Floor area (Sq.m.)	No.	Plinth area (Sq.m.)	Floor area (Sq.m.)
1	2	3	4	5	6	7	8
	<b>(a) NEW CONSTRUCTION—WORKS COMPLETED DURING THE YEAR</b>						
1	Residential Buildings	5	4015	3192	7	2637	2132
	(a) Dwelling quarters	1	2984	2347	3	4521	3396
	(b) Other residential places	..	..	..	..	..	..
2	Industrial Buildings	..	..	..	..	..	..
3	Commercial buildings	35	8092	6500	45	27633	23972
4	Institutional buildings	47	45962	38228	41	16954	13437
5	Other Buildings	..	..	..	..	..	..
	<b>Total</b>	<b>88</b>	<b>61053</b>	<b>50267</b>	<b>96</b>	<b>51745</b>	<b>42937</b>
	<b>(b) ADDITIONS AND ALTERATIONS—WORKS COMPLETED DURING THE YEAR</b>						
1	Residential Buildings	..	..	..	..	..	..
	(a) Dwelling quarters	..	..	..	..	..	..
	(b) Other residential places	..	..	..	..	..	..
2	Industrial buildings	..	..	..	..	..	..
3	Commercial buildings	..	..	..	..	..	..
4	Institutional buildings	2	127	98	..	..	..
5	Other buildings	..	..	..	..	..	..
	<b>Total</b>	<b>2</b>	<b>127</b>	<b>98</b>	<b>..</b>	<b>..</b>	<b>..</b>

TABLE 2.2—(cont.)

Sl. No.	Type of construction	1982-83			1983-84			1984-85		
		No.	Plinth area (Sq.m.)	Floor area (Sq.m.)	No.	Plinth area (Sq.m.)	Floor area (Sq.m.)	No.	Plinth area (Sq.m.)	Floor area (Sq.m.)
		9	10	11	12	13	14	15	16	17
	<b>(a) NEW CONSTRUCTION—WORKS COMPLETED DURING THE YEAR</b>									
1	Residential buildings									
	(a) Dwelling quarters ..	10	9857	7677	25	23039	18615	31	29927	24287
	(b) Other residential places ..	6	9725	8062	7	6036	5309	6	10454	8840
2	Industrial buildings ..	1	226	185	..	..	..	..	..	..
3	Commercial buildings ..	41	21144	17806	50	22682	18595	21	9426	8125
4	Institutional buildings ..	57	34263	27614	138	102616	86060	104	54284	44989
5	Other buildings ..	1	180	145	..	..	..	..	..	..
	<b>Total ..</b>	<b>116</b>	<b>75395</b>	<b>61489</b>	<b>220</b>	<b>154403</b>	<b>128579</b>	<b>162</b>	<b>104091</b>	<b>86241</b>
	<b>(b) ADDITIONS AND ALTERATIONS—WORKS COMPLETED DURING THE YEAR</b>									
1	Residential buildings									
	(a) Dwelling quarters ..	..	..	..	1	98	72	..	..	..
	(b) Other residential places ..	1	60	45	2	550	460	..	..	..
2	Industrial buildings ..	..	..	..	..	..	..	..	..	..
3	Commercial buildings ..	1	1284	856	..	..	..	1	50	46
4	Institutional buildings ..	2	896	652	..	..	..	..	..	..
5	Other buildings ..	..	..	..	..	..	..	..	..	..
	<b>Total ..</b>	<b>4</b>	<b>2240</b>	<b>1553</b>	<b>3</b>	<b>648</b>	<b>532</b>	<b>1</b>	<b>50</b>	<b>46</b>

## PART III

TABLE 3-I

## House Building Activities in the Private Sector—New Construction

## NEYYATTINKARA MUNICIPALITY

Sl. No.	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings ..									
	(a) Family quarters ..	142	10394	8462	124	9182	7390	111	10590	8595
	(b) Non-family quarters..	1	120	100	3	732	591	4	130	105
2	Industrial buildings ..	3	140	114	2	90	74	2	108	87
3	Commercial Buildings ..	9	1032	861	7	402	325	5	147	120
4	Institutional Buildings ..	2	189	152	2	119	96	..	..	..
5	Others ..	..	..	..	1	116	94	..	..	..
	Total ..	157	11875	9689	139	10641	8570	122	10975	8907
	ALTERATIONS/ADDITIONS									
1	Dwellings ..									
	(a) Family quarters ..	7	305	248	4	259	213	10	388	314
	(b) Non-family quarters..	..	..	..	..	..	..	..	..	..
2	Industrial buildings ..	..	..	..	1	66	53	1	49	40
3	Commercial Buildings ..	..	..	..	..	..	..	..	..	..
4	Institutional buildings ..	1	27	22	..	..	..	1	135	108
5	Others ..	..	..	..	..	..	..	..	..	..
	Total ..	8	332	270	5	325	266	12	572	462

TABLE 3.1—(cont.)

Sl. No.	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings ..						
	(a) Family quarters ..	157	12982	10524	153	11259	9096
	(b) Non-family quarters ..	4	166	134	3	141	115
2	Industrial buildings ..	9	684	555	4	950	779
3	Commercial buildings ..	7	339	275	4	292	233
4	Institutional buildings ..	..	..	..	2	277	223
5	Others ..	1	31	25	..	..	..
	Total ..	178	14202	11513	166	12919	10446
	ALTERATIONS/ADDITIONS						
1	Dwellings ..						
	(a) Family quarters ..	12	595	482	11	448	363
	(b) Non-family quarters ..	..	..	..	..	..	..
2	Industrial buildings ..	..	..	..	..	..	..
3	Commercial buildings ..	..	..	..	..	..	..
4	Institutional buildings ..	..	..	..	..	..	..
5	Others ..	..	..	..	..	..	..
	Total ..	12	595	482	11	448	363



TABLE 3-2

## NEDUMANGAD MUNICIPALITY

Sl. No.	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings ..									
	(a) Family quarters ..	301	15393	12614	160	8524	6932	296	16238	13166
	(b) Non-family quarters ..	1	70	56	..	..	..	..	..	..
2	Industrial buildings ..	8	326	267	5	173	140	1	76	61
3	Commercial buildings ..	19	1920	1584	14	767	622	25	1499	1209
4	Institutional buildings ..	10	5684	4783	6	2056	1654	6	438	352
5	Others ..	..	..	..	3	216	174	1	58	47
	Total ..	339	23393	19304	188	11736	9522	329	18309	14835
	ALTERATIONS/ADDITIONS									
1	Dwellings ..									
	(a) Family quarters ..	47	2149	1756	17	823	674	23	1143	926
	(b) Non-family quarters ..	..	..	..	1	25	20	..	..	..
2	Industrial buildings ..	1	72	60	..	..	..	..	..	..
3	Commercial buildings ..	1	35	29	2	22	19	..	..	..
4	Institutional buildings ..	..	..	..	..	..	..	..	..	..
5	Others ..	..	..	..	..	..	..	..	..	..
	Total ..	49	2256	1845	20	870	713	28	1143	926

TABLE 3·2—(cont.)

Sl. No.	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings ..						
	(a) Family quarters ..	201	10915	8821	256	12931	10344
	(b) Non-family quarters ..	1	5343	4290	3	288	231
2	Industrial buildings ..	8	338	272	5	255	206
3	Commercial buildings ..	11	309	253	11	434	355
4	Institutional buildings ..	2	440	355	3	537	429
5	Others ..	..	..	..	..	..	..
	Total ..	223	17345	13991	278	14445	11565
	ALTERATIONS/ADDITIONS						
1	Dwellings ..						
	(a) Family quarters ..	15	711	575	7	193	156
	(b) Non-family quarters ..	..	..	..	..	..	..
2	Industrial buildings ..	..	..	..	..	..	..
3	Commercial buildings ..	2	64	52	1	202	162
4	Institutional buildings ..	..	..	..	..	..	..
5	Others ..	..	..	..	1	389	318
	Total ..	17	775	627	9	784	636

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

TABLE 3-3  
ATTINGAL MUNICIPALITY

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ..	222	15768	12916	213	14625	11755	178	14301	11582
	(b) Non-family quarters..	..	..	..	1	99	32	4	943	770
2	Industrial buildings ..	4	367	304	1	85	68	2	141	114
3	Commercial buildings ..	8	771	636	5	271	218	17	2061	1678
4	Institutional buildings ..	4	518	429	1	11	9	5	661	555
5	Others ..	..	..	..	..	..	..	1	18	15
	<b>Total ..</b>	<b>238</b>	<b>17424</b>	<b>14285</b>	<b>221</b>	<b>15031</b>	<b>12082</b>	<b>207</b>	<b>18125</b>	<b>14714</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters ..	51	2057	1696	47	1420	1161	16	632	515
	(b) Non-family quarters..	1	443	370	..	..	..	..	..	..
2	Industrial buildings ..	..	..	..	..	..	..	1	17	16
3	Commercial buildings ..	..	..	..	..	..	..	..	..	..
4	Institutional buildings ..	..	..	..	..	..	..	..	..	..
5	Others ..	..	..	..	..	..	..	..	..	..
	<b>Total ..</b>	<b>52</b>	<b>2500</b>	<b>2066</b>	<b>47</b>	<b>1420</b>	<b>1161</b>	<b>17</b>	<b>649</b>	<b>531</b>

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TABLE 3.3—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	266	20854	16887	147	11421	9258
	(b) Non-family quarters	1	71	57	..	..	..
2	Industrial buildings	1	72	58	..	..	..
3	Commercial buildings	13	2233	1821	3	37	32
4	Institutional buildings	..	..	..	1	2120	1657
5	Others	..	..	..	..	..	..
	Total	281	23230	18823	151	13578	10947
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters	15	702	571	12	497	399
	(b) Non-family quarters	..	..	..	..	..	..
2	Industrial buildings	1	40	32	..	..	..
3	Commercial buildings	1	13	11	..	..	..
4	Institutional buildings	..	..	..	..	..	..
5	Others	..	..	..	..	..	..
	Total	17	755	614	12	497	399

TABLE 3-4  
VARKALA MUNICIPALITY

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	a) Family quarters ..	293	21782	17851	215	17234	13890	205	18152	14927
	(b) Non-family quarters..	5	2158	1784	1	34	28	3	243	196
2	Industrial buildings ..	1	78	63	8	1084	850	3	152	121
3	Commercial buildings ..	12	2648	2204	6	1073	863	6	961	795
4	Institutional buildings ..	3	1301	1074	3	1177	949	1	79	64
5	Others ..	2	93	76	1	96	77	..	..	..
	Total ..	316	28060	23052	234	20698	16657	218	19595	16103
	ALTERATIONS/ADDITIONS									
1	Dwellings									
	(a) Family quarters ..	34	1982	1618	44	2275	1836	34	1872	1526
	(b) Non-family quarters..	..	..	..	1	497	399	1	13	11
2	Industrial buildings ..	..	..	..	..	..	..	..	..	..
3	Commercial buildings ..	1	115	95	1	46	37	..	..	..
4	Institutional buildings ..	2	812	681	..	..	..	1	378	309
5	Others ..	..	..	..	..	..	..	..	..	..
	Total ..	37	2909	2394	46	2818	2272	36	2263	1846

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TABLE 3.4—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	181	17590	14821	183	15844	12865
	(b) Non-family quarters	9	397	828	4	1933	1580
2	Industrial buildings	1	60	48	7	1372	1122
3	Commercial buildings	7	1596	1362	6	853	697
4	Institutional buildings	2	519	422	1	121	97
5	Others	..	..	..	..	..	..
	Total	200	20162	16381	201	20123	16361
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters	20	2276	1833	41	1755	1394
	(b) Non-family quarters	..	..	..	..	..	..
2	Industrial buildings	..	..	..	..	..	..
3	Commercial buildings	..	..	..	2	322	263
4	Institutional buildings	..	..	..	..	..	..
5	Others	1	82	66	..	..	..
	Total	20	2358	1899	43	2077	1657

**TABLE 3-5**  
**QUILON MUNICIPALITY**

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
		3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ..	402	40947	33142	286	31074	24996	319	29317	23595
	(b) Non-family quarters ..	4	531	456	5	1689	1354	4	488	391
2	Industrial buildings ..	6	660	538	5	528	423	7	1165	945
3	Commercial buildings ..	17	3470	2795	14	1088	878	3	328	264
4	Institutional buildings ..	5	930	746	2	802	644	1	125	100
5	Others ..	..	..	..	..	..	..	..	..	..
	<b>Total</b> ..	<b>434</b>	<b>46538</b>	<b>37677</b>	<b>312</b>	<b>35181</b>	<b>28295</b>	<b>334</b>	<b>31423</b>	<b>25295</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters ..	45	3249	2645	32	1835	1441	43	2811	2283
	(b) Non-family quarters ..	..	..	..	1	183	147	1	611	502
2	Industrial buildings ..	..	..	..	..	..	..	..	..	..
3	Commercial buildings ..	1	25	20	1	106	85	1	999	328
4	Institutional buildings ..	2	2125	1741	..	..	..	1	10	8
5	Others ..	1	48	39	..	..	..	..	..	..
	<b>Total</b> ..	<b>49</b>	<b>5447</b>	<b>4445</b>	<b>24</b>	<b>2124</b>	<b>1678</b>	<b>46</b>	<b>3831</b>	<b>3121</b>

TABLE 3-5—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	272	24064	19472	223	19450	15821
	(b) Non-family quarters	1	2230	1829	1	372	303
2	Industrial buildings	4	516	414	2	341	280
3	Commercial buildings	7	168	135	3	171	139
4	Institutional buildings	1	33	27	2	135	111
5	Others	1	18	15	..	..	..
	<b>Total</b>	<b>286</b>	<b>27029</b>	<b>21892</b>	<b>231</b>	<b>20469</b>	<b>16654</b>
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters	15	1128	908	24	1111	902
	(b) Non-family quarters	..	..	..	1	489	410
2	Industrial buildings	..	..	..	..	..	..
3	Commercial buildings	..	..	..	..	..	..
4	Institutional buildings	..	..	..	..	..	..
5	Others	..	..	..	..	..	..
	<b>Total</b>	<b>15</b>	<b>1128</b>	<b>908</b>	<b>25</b>	<b>1600</b>	<b>1312</b>



**TABLE 3-6**  
**PUNALUR MUNICIPALITY**

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ..	237	17893	14652	178	12160	9849	221	15739	12886
	(b) Non-family quarters ..	3	2185	1801	4	249	201	4	697	571
2	Industrial buildings ..	1	35	29	3	152	123	7	331	273
3	Commercial buildings ..	7	972	799	14	2808	2213	9	3127	2572
4	Institutional buildings ..	2	740	606	4	689	561	1	154	126
5	Others ..	5	198	159	1	40	32	..	..	..
	<b>Total</b> ..	<b>255</b>	<b>22023</b>	<b>18046</b>	<b>204</b>	<b>16098</b>	<b>12973</b>	<b>242</b>	<b>20048</b>	<b>16428</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters ..	63	2979	2441	45	1920	1553	49	2021	1662
	(b) Non-family quarters ..	2	221	180	3	81	65	..	..	..
2	Industrial buildings ..	..	..	..	..	..	..	2	288	236
3	Commercial buildings ..	1	347	290	1	301	246	1	31	26
4	Institutional buildings ..	1	20	16	2	67	54	..	..	..
5	Others ..	2	482	390	..	..	..	..	..	..
	<b>Total</b> ..	<b>69</b>	<b>4049</b>	<b>3317</b>	<b>51</b>	<b>2369</b>	<b>1918</b>	<b>52</b>	<b>2340</b>	<b>1924</b>

TABLE 3.6—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	223	15354	12359	223	15819	12811
	(b) Non-family quarters ..	5	346	280	2	375	307
2	Industrial buildings ..	5	1001	805	3	223	188
3	Commercial buildings ..	9	1300	1058	15	834	678
4	Institutional buildings ..	1	41	53	1	852	685
5	Others ..	1	99	32	4	1134	922
	<b>Total ..</b>	<b>244</b>	<b>18081</b>	<b>14567</b>	<b>248</b>	<b>19237</b>	<b>15583</b>
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters ..	49	2234	1802	52	2810	2278
	(b) Non-family quarters ..	1	50	40	1	80	64
2	Industrial buildings ..	..	..	..	..	..	..
3	Commercial buildings ..	2	135	110	..	..	..
4	Institutional buildings ..	1	282	228	1	49	40
5	Others ..	2	78	65	1	78	62
	<b>Total ..</b>	<b>55</b>	<b>2779</b>	<b>2245</b>	<b>55</b>	<b>3017</b>	<b>2444</b>

**TABLE 3-7**  
**PATRAMANTHITTA MUNICIPALITY**

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ..	148	12051	9982	96	10317	8337	107	11239	9081
	(b) Non-family quarters..	6	371	304	2	221	177	3	108	87
2	Industrial buildings ..	1	165	136	1	38	27	1	30	25
3	Commercial buildings ..	5	928	755	6	1411	1132	7	2453	1996
4	Institutional buildings ..	1	60	48	..	..	..	2	180	146
5	Others ..	4	1154	945	1	570	460	..	..	..
	<b>Total</b> ..	<b>165</b>	<b>14729</b>	<b>12170</b>	<b>106</b>	<b>12552</b>	<b>10133</b>	<b>120</b>	<b>14010</b>	<b>11835</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters ..	22	1266	1040	27	1663	1338	21	1332	1073
	(b) Non-family quarters..	5	365	298	5	320	257	8	521	421
2	Industrial buildings ..	..	..	..	..	..	..	..	..	..
3	Commercial buildings ..	3	248	205	1	208	167	..	..	..
4	Institutional buildings ..	2	135	170	..	..	..	..	..	..
5	Others ..	..	..	..	..	..	..	2	484	390
	<b>Total</b> ..	<b>32</b>	<b>2014</b>	<b>1653</b>	<b>33</b>	<b>2191</b>	<b>1762</b>	<b>31</b>	<b>2387</b>	<b>1884</b>

TABLE 3.7—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	171	14886	12073	94	11226	9122
	(b) Non-family quarters	2	208	168	19	1698	1367
2	Industrial buildings	1	320	262	3	403	328
3	Commercial buildings	1	1096	896	6	6071	4953
4	Institutional buildings	1	88	71	1	196	158
5	Others	..	..	..	1	48	38
	<b>Total</b>	<b>176</b>	<b>16598</b>	<b>13470</b>	<b>124</b>	<b>19642</b>	<b>15966</b>
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters	16	1886	1538	6	408	333
	(b) Non-family quarters	..	..	..	3	118	95
2	Industrial buildings	1	781	639	..	..	..
3	Commercial buildings	..	..	..	..	..	..
4	Institutional buildings	..	..	..	..	..	..
5	Others	..	..	..	..	..	..
	<b>Total</b>	<b>17</b>	<b>2667</b>	<b>2177</b>	<b>9</b>	<b>526</b>	<b>428</b>

**TABLE 3-8**  
**SHERTALLAI MUNICIPALITY**

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ..	291	15589	12725	209	14992	12134	285	14409	11842
	(b) Non-family quarters..	1	527	423	7	921	740	4	522	437
2	Industrial buildings	9	738	599	14	893	725	10	1342	1096
3	Commercial buildings ..	22	1754	1444	16	1708	1388	13	838	680
4	Institutional buildings ..	1	108	87	3	643	525	3	345	282
5	Others ..	2	674	564	3	375	302	..	..	..
	<b>Total</b> ..	<b>326</b>	<b>19390</b>	<b>15942</b>	<b>252</b>	<b>19532</b>	<b>15814</b>	<b>315</b>	<b>17456</b>	<b>14337</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters ..	62	2216	1818	52	1830	1491	62	2075	1692
	(b) Non-family quarters..	..	..	..	..	..	..	1	25	20
2	Industrial buildings	1	16	13	1	10	8	2	46	38
3	Commercial buildings ..	1	59	49	1	28	23	..	..	..
4	Institutional buildings ..	..	..	..	1	28	23	..	..	..
5	Others ..	..	..	..	..	..	..	1	29	24
	<b>Total</b> ..	<b>64</b>	<b>2291</b>	<b>1880</b>	<b>55</b>	<b>1896</b>	<b>1545</b>	<b>66</b>	<b>2175</b>	<b>1774</b>

TABLE 3-8—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	294	14493	11659	284	15152	12399
	(b) Non-family quarters ..	6	282	226	2	3665	3005
2	Industrial buildings ..	12	1074	876	3	132	108
3	Commercial buildings ..	12	1198	974	16	1874	1502
4	Institutional buildings ..	2	226	183	1	187	110
5	Others ..	3	360	292	6	332	265
	Total ..	329	17633	14210	312	21292	17389
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters ..	50	1669	1343	36	1336	1077
	(b) Non-family quarters ..	..	..	..	..	..	..
2	Industrial buildings ..	1	64	52	1	102	82
3	Commercial buildings ..	2	113	92	6	380	305
4	Institutional buildings ..	1	56	46	..	..	..
5	Others ..	..	..	..	..	..	..
	Total ..	54	1902	1533	43	1818	1464

**TABLE 3.9**  
**ALLEPPEY MUNICIPALITY**

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ..	684	43441	35260	458	29622	23937	567	32254	26361
	(b) Non-family quarters..	12	3861	3110	3	137	111	2	718	467
2	Industrial buildings ..	16	1791	1440	10	1294	1040	13	791	645
3	Commercial buildings ..	39	2673	2160	22	2081	1671	25	1526	1243
4	Institutional buildings ..	11	6603	5299	4	556	447	5	1128	923
5	Others ..	..	..	..	..	..	..	5	9059	8038
	<b>Total</b> ..	<b>762</b>	<b>58369</b>	<b>47269</b>	<b>497</b>	<b>33690</b>	<b>27206</b>	<b>617</b>	<b>45476</b>	<b>37697</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters ..	109	4799	3887	78	4545	3659	87	4416	3600
	(b) Non-family quarters..	..	..	..	1	17	14	..	..	..
2	Industrial buildings ..	1	77	62	..	..	..	1	29	24
3	Commercial buildings ..	3	745	598	..	..	..	5	247	199
4	Institutional Buildings ..	..	..	..	3	716	575	..	..	..
5	Others ..	..	..	..	..	..	..	..	..	..
	<b>Total</b> ..	<b>113</b>	<b>5621</b>	<b>4547</b>	<b>82</b>	<b>5270</b>	<b>4240</b>	<b>98</b>	<b>4602</b>	<b>3829</b>

TABLE 3.9—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	631	36628	29853	648	39426	32013
	(b) Non-family quarters ..	9	1882	1537	..	..	..
2	Industrial buildings ..	30	2068	1691	10	667	547
3	Commercial buildings ..	33	1989	1622	28	3641	2976
4	Institutional buildings ..	5	1150	950	4	651	532
5	Others ..	3	115	93	1	23	18
	Total ..	711	43832	35746	691	44408	36086
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters ..	86	3755	3040	49	2045	1664
	(b) Non-family quarters ..	..	..	..	..	..	..
2	Industrial buildings ..	..	..	..	..	..	..
3	Commercial buildings ..	4	93	77	2	99	80
4	Institutional buildings ..	..	..	..	..	..	..
5	Others ..	..	..	..	..	..	..
	Total ..	90	3848	3117	51	2144	1744



TABLE 3.10  
KOTTAYAM MUNICIPALITY

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings ..									
	(a) Family quarters ..	319	31229	25697	271	23151	18772	214	21238	17175
	(b) Non-family quarters ..	11	8352	6844	5	2518	2028	3	2258	1854
2	Industrial buildings ..	6	2824	2354	6	836	681	3	76	62
3	Commercial buildings ..	25	8470	6932	26	10985	8848	18	4116	3372
4	Institutional buildings ..	8	4203	3480	4	4026	3324	6	1966	1607
5	Others ..	2	228	190	3	337	276	3	802	656
	<b>Total ..</b>	<b>371</b>	<b>55306</b>	<b>45497</b>	<b>315</b>	<b>41853</b>	<b>33929</b>	<b>247</b>	<b>30456</b>	<b>24726</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings ..									
	(a) Family quarters ..	124	7059	5751	97	5122	4150	90	4607	3771
	(b) Non-family quarters ..	3	694	573	4	1062	875	2	733	594
2	Industrial buildings ..	2	669	537	5	1282	1043	1	72	58
3	Commercial buildings ..	6	1496	1207	10	1806	1459	4	2636	2148
4	Institutional buildings ..	3	1127	915	4	1409	1138	3	1467	1185
5	Others ..	..	..	..	1	1043	840	..	..	..
	<b>Total ..</b>	<b>138</b>	<b>11045</b>	<b>8983</b>	<b>121</b>	<b>11724</b>	<b>9505</b>	<b>100</b>	<b>9515</b>	<b>7756</b>

TABLE 3.10—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	259	28100	22782	261	21697	17597
	(b) Non-family quarters ..	4	6512	5179	3	3896	3140
2	Industrial buildings ..	8	1705	1370	6	157	129
3	Commercial buildings ..	29	9913	8100	28	14634	11891
4	Institutional buildings ..	6	2102	1718	3	329	265
5	Others ..	2	428	351	..	..	..
	Total ..	308	48760	39500	301	40713	33022
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters ..	88	6937	5636	70	3460	2811
	(b) Non-family quarters ..	3	309	251	1	493	394
2	Industrial buildings ..	1	47	37	..	..	..
3	Commercial buildings ..	6	1674	1446	3	81	68
4	Institutional buildings ..	1	738	604	4	1087	888
5	Others ..	1	67	54	..	..	..
	Total ..	100	9772	8028	78	5121	4161

TABLE 3-11  
CHANGANACHERRY MUNICIPALITY

68/534-4

Serial number	Type of building	1981			1982			1983			
		A	B	C	A	B	C	A	B	C	
1	2	3	4	5	6	7	8	9	10	11	
1	Dwellings	267	21330	17327	211	16441	13206	223	17775	14470	
	(a) Family quarters	..	1	178	143	4	977	789	4	275	227
	(b) Non-family quarters	..	7	1294	1045	4	659	529	3	439	359
2	Industrial buildings	..	9	2158	1764	10	615	498	11	4222	3409
3	Commercial buildings	..	4	306	252	2	92	75	4	674	553
4	Institutional buildings	..	..	..	..	3	3156	2537	2	102	83
5	Others	..	..	..	..	..	..	..	..	..	..
	Total	..	288	25266	20531	234	21940	17634	247	23485	19101
	ALTERATIONS/ADDITIONS										
1	Dwellings	..	106	4532	3703	67	3279	2659	52	2391	1958
	(a) Family quarters	..	1	452	362	2	274	220	..	..	..
	(b) Non-family quarters	..	2	161	134	1	27	22	1	28	23
2	Industrial buildings	..	3	402	333	1	88	71	1	300	240
3	Commercial buildings	..	3	809	654	2	160	129	1	345	276
4	Institutional buildings	..	..	..	..	2	216	174	..	..	..
5	Others	..	..	..	..	..	..	..	..	..	..
	Total	..	115	6356	5186	75	4044	3275	55	3064	2497

TABLE 3-11—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	251	19103	15472	243	19949	16126
	(b) Non-family quarters	1	123	101	3	1159	941
2	Industrial buildings	5	390	318	5	698	562
3	Commercial buildings	23	5191	4241	11	5206	4252
4	Institutional buildings	3	995	816	8	2211	1801
5	Others	2	2565	2100	1	120	98
	Total	285	28367	23048	271	29343	23780
	ALTERATIONS/ADDITIONS						
1	Dwellings*						
	(a) Family quarters	35	1467	1203	68	2545	2068
	(b) Non-family quarters	..	..	..	1	52	42
2	Industrial buildings	..	..	..	2	55	44
3	Commercial buildings	..	..	..	2	395	318
4	Institutional buildings	..	..	..	3	445	360
5	Others	1	23	19	1	471	378
	Total	36	1490	1222	77	3963	3210

TABLE 3-12  
KAYAMKULAM MUNICIPALITY

68/534-4a

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters	336	24893	20261	196	14428	11631	401	22996	18681
	(b) Non-family quarters	7	475	384	8	410	340	10	2223	1796
2	Industrial buildings	4	396	318	7	497	404	6	807	660
3	Commercial buildings	28	2136	1775	13	725	590	24	2043	1663
4	Institutional buildings	7	1193	979	4	815	664	5	363	295
5	Others	..	..	..	1	79	64	..	..	..
	Total	382	29093	23717	229	16954	13712	446	28432	23095
ALTERATIONS/ADDITIONS										
1	Dwellings									
	(a) Family quarters	73	4452	3625	33	1509	1220	59	2958	2399
	(b) Non-family quarters	..	..	..	2	137	110	1	153	123
2	Industrial buildings	2	199	167	2	72	57	..	..	..
3	Commercial buildings	2	60	49	2	94	74	2	37	30
4	Institutional buildings	2	169	142	1	320	256	..	..	..
5	Others	..	..	..	..	..	..	..	..	..
	Total	79	4880	3983	40	2132	1717	62	3148	2552

TABLE 3-12—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	307	20893	16858	321	22178	17943
	(b) Non-family quarters ..	3	552	443	1	92	73
2	Industrial buildings ..	15	958	772	10	624	504
3	Commercial buildings ..	31	1581	1279	16	558	448
4	Institutional buildings ..	5	2341	1909	2	160	131
5	Others ..	2	66	54	2	244	199
	Total ..	363	26391	21315	352	23856	19298
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters ..	50	2286	1856	64	3294	2640
	(b) Non-family quarters ..	2	124	98	2	126	99
2	Industrial buildings ..	2	427	350	..	..	..
3	Commercial buildings ..	2	89	72	4	977	791
4	Institutional buildings ..	1	140	112	..	..	..
5	Others ..	..	..	..	..	..	..
	Total ..	57	3066	2488	70	4397	3538

**TABLE 3-13**  
**MAVELIKARA MUNICIPALITY**

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	<b>Dwellings</b>									
	(a) Family quarters ..	177	17012	13990	182	16295	12992	187	16924	13495
	(b) Non-family quarters ..	1	150	125	2	110	89	2	83	67
2	Industrial buildings ..	1	158	130	4	173	140	7	505	406
3	Commercial buildings ..	11	934	769	18	1177	953	23	2872	2325
4	Institutional buildings ..	6	1688	1404	10	1545	1250	4	972	782
5	Others ..	2	135	112	1	1923	1638	..	..	..
	<b>Total</b> ..	198	20077	16530	217	21223	17062	223	21356	17075
	<b>ALTERATIONS/ADDITIONS</b>									
1	<b>Dwellings</b>									
	(a) Family quarters ..	77	3679	3005	60	2398	1949	71	2805	2293
	(b) Non-family quarters ..	..	..	..	1	62	50	..	..	..
2	Industrial buildings ..	2	89	72	..	..	..	1	62	50
3	Commercial buildings ..	5	897	746	4	185	151	10	478	391
4	Institutional buildings ..	1	21	17	1	26	21	1	62	52
5	Others ..	1	24	20	..	..	..	1	390	318
	<b>Total</b> ..	86	4710	3860	66	2671	2171	84	3797	3104

TABLE 3-13—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	182	15093	12202	168	15276	12385
	(b) Non-family quarters ..	1	1743	1428	1	18	15
2	Industrial buildings ..	4	230	185	3	1089	875
3	Commercial buildings ..	21	2408	1949	19	2621	2125
4	Institutional buildings ..	1	80	64	2	113	91
5	Others ..	1	697	570	..	..	..
	Total ..	210	20251	16398	193	19117	15491
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters ..	76	3954	3203	64	2769	2237
	(b) Non-family quarters ..	..	..	..	..	..	..
2	Industrial buildings ..	1	30	24	..	..	..
3	Commercial buildings ..	4	94	78	3	150	123
4	Institutional buildings ..	1	310	248	..	..	..
5	Others ..	..	..	..	..	..	..
	Total ..	82	4388	3553	67	2919	2360



**TABLE 3-14**  
**THIRUVALLA MUNICIPALITY**

Serial number	Type of buildings	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
		3	4	5	6	7	8	9	10	11
1	Dwellings	78	6959	5639	96	8841	7128	112	9989	8123
	(a) Family quarters ..	1	289	232	1	139	112	..	..	..
	(b) Non-family quarters..	..	..	..	1	212	173	1	60	50
2	Industrial buildings ..	..	..	..	..	..	..	..	..	..
3	Commercial buildings ..	7	423	349	5	782	631	9	2391	1947
4	Institutional buildings ..	4	748	617	..	..	..	1	40	31
5	Others ..	1	597	479	3	162	132	..	..	..
	<b>Total</b> ..	<b>91</b>	<b>9016</b>	<b>7316</b>	<b>106</b>	<b>10136</b>	<b>8176</b>	<b>123</b>	<b>12480</b>	<b>10151</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings	44	1886	1525	66	2110	1717	93	3726	3040
	(a) Family quarters ..	..	..	..	..	..	..	..	..	..
	(b) Non-family quarters..	..	..	..	..	..	..	..	..	..
2	Industrial buildings ..	..	..	..	..	..	..	..	..	..
3	Commercial buildings ..	1	16	13	..	38	31	2	397	324
	Institutional buildings ..	1	837	672	..	..	..	1	378	304
5	Others ..	..	..	..	..	..	..	..	..	..
	<b>Total</b> ..	<b>46</b>	<b>2739</b>	<b>2210</b>	<b>67</b>	<b>2148</b>	<b>1748</b>	<b>96</b>	<b>4501</b>	<b>3668</b>

TABLE 3-14—(cont.)

Serial number	Type of buildings	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	119	10674	8656	143	11651	9445
	(b) Non-family quarters ..	..	..	..	..	..	..
2	Industrial buildings ..	3	180	146	3	327	264
3	Commercial buildings ..	11	1306	1056	10	1574	1283
4	Institutional buildings ..	..	..	..	3	481	389
5	Others ..	..	..	..	1	201	165
	Total ..	133	12160	9858	160	14234	11546
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters ..	58	2054	1662	69	2931	2370
	(b) Non-family quarters ..	..	..	..	..	..	..
2	Industrial buildings ..	..	..	..	..	..	..
3	Commercial buildings ..	..	..	..	2	995	891
4	Institutional buildings ..	..	..	..	..	..	..
5	Others ..	..	..	..	1	34	26
	Total ..	58	2054	1662	72	3960	3197

**TABLE 3-15**  
**CHENGANNUR MUNICIPALITY**

Serial number	Type of buildings	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ...	149	14387	11848	83	8963	7158	112	11594	9356
	(b) Non-family quarters..	2	2100	1700	..	..	..	..	..	..
2	Industrial buildings ..	2	165	139	1	62	50	2	119	96
3	Commercial buildings ..	8	759	637	4	536	432	15	2128	1728
4	Institutional buildings ..	4	642	530	1	189	152	2	383	315
5	Others ..	1	155	125	2	342	276	1	12	10
	<b>Total</b> ..	<b>166</b>	<b>18208</b>	<b>14979</b>	<b>91</b>	<b>10092</b>	<b>8068</b>	<b>132</b>	<b>14236</b>	<b>11505</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters ..	74	2874	2347	33	1486	1203	53	2085	1698
	(b) Non-family quarters..	1	45	38	..	..	..	..	..	..
2	Industrial buildings ..	1	30	25	1	23	19	..	..	..
3	Commercial buildings ..	5	217	176	..	..	..	2	203	163
4	Institutional buildings ..	1	495	396	..	..	..	..	..	..
5	Others ..	..	..	..	..	..	..	..	..	..
	<b>Total</b> ..	<b>82</b>	<b>3661</b>	<b>2982</b>	<b>34</b>	<b>1509</b>	<b>1222</b>	<b>55</b>	<b>2288</b>	<b>1861</b>

TABLE 3-15--(cont.)

Serial number	Type of buildings	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	101	10939	8805	113	11566	9343
	(b) Non-family quarters ..	2	263	213	..	..	..
2	Industrial buildings ..	3	286	230	4	214	172
3	Commercial buildings ..	16	4104	3300	13	2162	1756
4	Institutional buildings ..	2	331	266	2	758	615
5	Others ..	..	..	..	..	..	..
	<b>Total</b> ..	<b>124</b>	<b>15923</b>	<b>12814</b>	<b>132</b>	<b>14700</b>	<b>11886</b>
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters ..	40	1747	1415	27	1205	975
	(b) Non-family quarters ..	..	..	..	..	..	..
2	Industrial buildings ..	1	99	80	..	..	..
3	Commercial buildings ..	..	..	..	..	..	..
4	Institutional buildings ..	1	36	29	..	..	..
5	Others ..	1	66	53	..	..	..
	<b>Total</b> ..	<b>43</b>	<b>1948</b>	<b>1577</b>	<b>27</b>	<b>1205</b>	<b>975</b>

TABLE 3-16  
VAIKOM MUNICIPALITY

Serial number	Type of buildings	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ..	181	10544	8574	214	10297	8359	99	5371	4344
	(b) Non-family quarters..	11	930	773	6	1211	973	8	417	337
2	Industrial buildings ..	3	56	46	4	306	246	3	140	113
3	Commercial buildings ..	13	873	718	18	1940	1573	8	427	349
4	Institutional buildings ..	..	..	..	2	315	254	5	374	304
5	Others ..	1	16	13	9	705	578	7	341	281
	<b>Total ..</b>	<b>209</b>	<b>12419</b>	<b>10124</b>	<b>253</b>	<b>14774</b>	<b>11983</b>	<b>130</b>	<b>7070</b>	<b>5728</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters ..	25	1200	969	25	705	578	36	1484	1206
	(b) Non-family quarters..	3	1023	830	..	..	..	1	110	92
2	Industrial buildings ..	1	14	12	1	116	93	..	..	..
3	Commercial buildings ..	3	45	36	3	104	85	2	122	99
4	Institutional buildings ..	1	64	52	..	..	..	..	..	..
5	Others ..	1	498	410	1	72	58	2	254	209
	<b>Total ..</b>	<b>34</b>	<b>2844</b>	<b>2309</b>	<b>30</b>	<b>997</b>	<b>814</b>	<b>41</b>	<b>1970</b>	<b>1606</b>

TABLE 3-16—(cont.)

Serial number	Type of buildings	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	121	6409	5177	138	7693	6239
	(b) Non-family quarters ..	2	97	78	1	24	20
2	Industrial buildings ..	2	176	143	2	254	206
3	Commercial buildings ..	13	506	407	11	480	388
4	Institutional buildings ..	4	131	106	8	438	357
5	Others ..	5	391	318	7	441	359
	<b>Total</b> ..	<b>147</b>	<b>7710</b>	<b>6229</b>	<b>167</b>	<b>9330</b>	<b>7569</b>
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters ..	36	1170	949	52	1676	1364
	(b) Non-family quarters ..	..	..	..	..	..	..
2	Industrial buildings ..	..	..	..	..	..	..
3	Commercial buildings ..	5	41	35	1	193	155
4	Institutional buildings ..	1	5	5	1	15	12
5	Others ..	..	..	..	2	57	46
	<b>Total</b> ..	<b>42</b>	<b>1216</b>	<b>989</b>	<b>56</b>	<b>1941</b>	<b>1577</b>

**TABLE 3-17**  
**PALAI MUNICIPALITY**

Serial number	Type of buildings	1981			1982			1983			
		A	B	C	A	B	C	A	B	C	
1	2	3	4	5	6	7	8	9	10	11	
1	Dwellings	85	7816	6392	64	5540	4469	79	6932	5598	
	(a) Family quarters	..	4	2379	5	2273	1842	2	1530	1233	
	(b) Non-family quarters	..	9	537	4	413	340	..	..	..	
2	Industrial buildings	..	17	2818	14	3805	3062	17	2577	2071	
3	Commercial buildings	..	2	511	1	177	142	2	1005	805	
4	Institutional buildings	..	1	81	..	..	..	..	..	..	
5	Others	..	..	..	..	..	..	..	..	..	
	<b>Total</b>	..	<b>118</b>	<b>14142</b>	<b>11586</b>	<b>88</b>	<b>12208</b>	<b>9855</b>	<b>100</b>	<b>12044</b>	<b>9707</b>
	<b>ALTERATIONS/ADDITIONS</b>										
1	Dwellings	..	46	1879	1533	31	1516	1225	23	1111	897
	(a) Family quarters	..	3	600	495	..	..	..	..	..	..
	(b) Non-family quarters	..	..	..	..	1	115	92	1	39	32
2	Industrial buildings	..	6	1090	898	7	838	674	7	242	197
3	Commercial buildings	..	3	1172	970	3	418	335	1	188	151
4	Institutional buildings	..	..	..	..	..	..	..	..	..	..
5	Others	..	..	..	..	..	..	..	..	..	..
	<b>Total</b>	..	<b>58</b>	<b>4741</b>	<b>3896</b>	<b>42</b>	<b>2887</b>	<b>2326</b>	<b>32</b>	<b>1580</b>	<b>1277</b>

TABLE 3-17—(cont.)

Serial number	Type of buildings	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	84	5647	4564	99	10459	8451
	(b) Non-family quarters	3	97	78	3	108	87
2	Industrial buildings	3	260	209	7	497	414
3	Commercial buildings	20	1651	1339	23	3539	2873
4	Institutional buildings	3	793	638	1	56	46
5	Others	..	..	..	2	275	225
	Total	113	8448	6828	135	14934	12096
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters	26	1220	990	39	1587	1285
	(b) Non-family quarters	1	80	64	..	..	..
2	Industrial buildings	..	..	..	..	..	..
3	Commercial buildings	5	1183	931	6	557	453
4	Institutional buildings	2	903	737	1	1738	1525
5	Others	..	..	..	..	..	..
	Total	34	3386	2722	46	3882	3163



TABLE 3-18

## THODUPUZHA MUNICIPALITY

Serial number	Type of buildings	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings	244	18460	15006	284	20274	16379	196	14298	11626
	(a) Family quarters	15	5310	4258	10	683	554	4	213	170
	(b) Non-family quarters	10	2142	1720	7	884	711	7	529	433
2	Industrial buildings	24	4724	3830	39	6146	4981	25	2854	2349
3	Commercial buildings	8	1353	1100	2	69	57	3	450	370
4	Institutional buildings	4	77	63	2	45	36	5	2278	1868
5	Others									
	Total	305	32066	25977	344	28101	22718	240	20622	16816
	ALTERATIONS/ADDITIONS									
1	Dwellings	33	1717	1397	74	3088	2506	31	1776	1446
	(a) Family quarters	10	562	454	2	30	25	1	51	41
	(b) Non-family quarters	1	63	51	1	21	17	1	42	32
2	Industrial buildings	4	375	314	6	789	634	5	162	133
3	Commercial buildings	1	25	20	..	..	..	..	..	..
4	Institutional buildings	..	..	..	..	..	..	..	..	..
5	Others	..	..	..	..	..	..	..	..	..
	Total	49	2742	2236	83	3928	3182	38	2031	1652

TABLE 3-18—(cont.)

Serial number	Type of buildings	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	190	11438	9239	143	11626	9415
	(b) Non-family quarters	10	2023	1626	2	211	169
2	Industrial buildings	4	201	162	1	154	128
3	Commercial buildings	20	2715	2102	17	2177	1687
4	Institutional buildings	2	42	35	1	476	391
5	Others	1	92	74	2	937	768
	<b>Total</b>	227	16511	13238	166	15581	12538
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters	34	2410	1956	13	700	565
	(b) Non-family quarters	3	185	149	1	41	33
2	Industrial buildings	..	..	..	1	90	72
3	Commercial buildings	8	1104	886	1	192	154
4	Institutional buildings	..	..	..	..	..	..
5	Others	..	..	..	1	30	25
	<b>Total</b>	45	3699	2991	17	1053	849

TABLE 3-19

## MUVATTUPUZHA MUNICIPALITY

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings:									
	(a) Family quarters	128	11033	8942	43	4584	3697	47	5461	4440
	(b) Non-Family quarters	5	656	530	3	531	436	1	141	114
2	Industrial buildings	2	187	152	2	1825	1466	1	539	432
3	Commercial buildings	9	1278	1035	5	1753	1420	1	495	399
4	Institutional buildings	3	2217	1777	4	714	576	3	328	270
5	Others	..	..	..	..	..	..	..	..	..
	Total	147	15371	12436	57	9407	7595	53	6964	5655
	ALTERATIONS/ADDITIONS									
1	Dwellings									
	(a) Family quarters	26	1610	1313	5	347	282	8	715	591
	(b) Non-Family quarters	..	..	..	1	450	360	..	..	..
2	Industrial buildings	..	..	..	1	63	51	1	1257	1031
3	Commercial buildings	4	1777	1486	..	..	..	..	..	..
4	Institutional buildings	..	..	..	1	193	155	..	..	..
5	Others	1	51	41	..	..	..	..	..	..
	Total	31	3438	2840	8	1053	848	9	1972	1622

TABLE 3-19—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings:						
	(a) Family quarters ..	96	9007	7338	118	11240	9099
	(b) Non-Family quarters ..	3	182	149	5	1819	1458
2	Industrial buildings ..	..	..	..	3	182	148
3	Commercial buildings ..	7	1821	1491	10	950	783
4	Institutional buildings ..	1	44	34	..	..	..
5	Others ..	..	..	..	..	..	..
	<b>Total</b> ..	<b>107</b>	<b>11054</b>	<b>9012</b>	<b>136</b>	<b>14191</b>	<b>11488</b>
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings:						
	(a) Family quarters ..	14	1152	923	29	1470	1195
	(b) Non-Family quarters ..	..	..	..	..	..	..
2	Industrial buildings ..	..	..	..	..	..	..
3	Commercial buildings ..	..	..	..	..	..	..
4	Institutional buildings ..	..	..	..	..	..	..
5	Others ..	..	..	..	..	..	..
	<b>Total</b> ..	<b>14</b>	<b>1152</b>	<b>923</b>	<b>29</b>	<b>1470</b>	<b>1195</b>

TABLE 3-20

## KOTHAMANGALAM MUNICIPALITY

Serial number	Type of buildings	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
		3	4	5	6	7	8	9	10	11
1	Dwellings:									
	(a) Family quarters ..	158	18080	14743	120	9670	7797	126	9666	7847
	(b) Non-Family quarters ..	1	1603	1360	3	203	164	..	..	..
2	Industrial buildings ..	24	4015	3272	3	294	166	9	1932	1554
3	Commercial buildings ..	8	2489	2050	15	3417	2736	10	1752	1422
4	Institutional buildings ..	6	3869	3192	6	8490	6805	3	958	771
5	Others ..	3	737	594	2	34	28	6	1339	1089
	Total ..	200	30793	25211	149	22018	17696	154	15647	12683
	ALTERATIONS/ADDITIONS									
1	Dwellings									
	(a) Family quarters ..	29	1940	1579	25	1337	1082	30	2364	1911
	(b) Non-Family quarters ..	..	..	..	1	54	44	1	14	12
2	Industrial buildings ..	2	53	44	..	..	..	1	23	19
3	Commercial buildings ..	..	..	..	1	416	334	2	508	407
4	Institutional buildings ..	2	1077	891	..	..	..	1	277	223
5	Others ..	2	635	518	..	..	..	1	214	172
	Total ..	35	3705	3032	27	1807	1460	36	3400	2744

TABLE 3-20—(cont.)

Serial number	Type of buildings	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings:						
	(a) Family quarters ..	134	12715	10280	153	13084	10620
	(b) Non-Family quarters ..	4	748	602	4	1117	902
2	Industrial buildings ..	8	957	775	..	..	..
3	Commercial buildings ..	6	634	510	8	3140	2555
4	Institutional buildings ..	5	982	793	4	85	68
5	Others ..	1	27	22	1	2532	2076
	<b>Total</b> ..	<b>158</b>	<b>16063</b>	<b>12982</b>	<b>170</b>	<b>19958</b>	<b>16221</b>
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters ..	32	1175	953	27	1256	1018
	(b) Non-Family quarters ..	..	..	..	1	681	559
2	Industrial buildings ..	1	261	209	..	..	..
3	Commercial buildings ..	2	112	91	1	72	56
4	Institutional buildings ..	..	..	..	1	555	451
5	Others ..	..	..	..	..	..	..
	<b>Total</b> ..	<b>35</b>	<b>1548</b>	<b>1253</b>	<b>30</b>	<b>2564</b>	<b>2084</b>

**TABLE 3-21**  
**PERUMBAVOOR MUNICIPALITY**

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings:									
	(a) Family quarters	48	4455	3624	88	8995	7267	59	5437	4394
	(b) Non-family quarters	3	642	517	2	34	28	7	1488	1203
2	Industrial buildings	1	22	18	4	737	596	8	1425	1142
3	Commercial Buildings	6	3205	2566	19	1865	1503	19	4246	3443
4	Institutional buildings	1	180	150	6	1101	887	2	4004	3220
5	Others	..	..	..	1	36	29	2	20	17
	<b>Total</b>	59	8504	6875	120	12768	10310	97	16620	13419
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters	13	757	617	14	1057	853	30	1520	1238
	(b) Non-family quarters	1	125	100	..	..	..	1	2004	1604
2	Industrial buildings	..	..	..	1	54	44	1	25	20
3	Commercial buildings	2	1597	1282	4	330	270	6	720	580
4	Institutional buildings	2	963	795	2	479	385	..	..	..
5	Others	1	22	18	..	..	..	..	..	..
	<b>Total</b>	19	3464	2812	21	1920	1552	38	4269	3442

TABLE 3-21—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings:						
	(a) Family quarters ..	104	9276	7493	96	8522	6925
	(b) Non-Family quarters ..	5	364	293	2	852	702
2	Industrial buildings ...	6	578	469	6	940	769
3	Commercial buildings ...	18	4150	3372	26	3021	2456
4	Institutional buildings ...	3	833	682	3	361	294
5	Others ..	3	395	319	..	..	..
	<b>Total</b> ..	139	15596	12628	133	13696	11146
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters ..	36	1853	1497	101	1281	1040
	(b) Non-family quarters ..	2	80	65	1	94	77
2	Industrial buildings ...	1	37	30	1	96	77
3	Commercial buildings ...	..	..	..	3	295	238
4	Institutional buildings ...	3	1240	996	..	..	..
5	Others ..	..	..	..	..	..	..
	<b>Total</b> ..	42	3210	2588	106	1766	1432



**TABLE 3-22**  
**PARUR MUNICIPALITY**

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings:									
	(a) Family quarters ..	208	13929	11350	275	17151	14019	173	13049	10597
	(b) Non-Family quarters ..	2	201	161	2	1247	1008	1	800	642
2	Industrial Buildings ..	11	217	176	4	244	197	4	364	294
3	Commercial Buildings ..	25	3472	2798	26	1908	1549	19	1557	1263
4	Institutional Buildings ..	4	885	721	3	822	661	4	764	620
5	Others ..	1	21	17	2	109	88	4	663	533
	<b>Total</b> ..	<b>251</b>	<b>18725</b>	<b>15223</b>	<b>312</b>	<b>21481</b>	<b>17522</b>	<b>205</b>	<b>17197</b>	<b>13949</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters ..	66	2939	2392	51	1987	1620	49	2605	2112
	(b) Non-family quarters ..	..	..	..	..	..	..	..	..	..
2	Industrial buildings ..	..	..	..	3	135	111	3	117	94
3	Commercial buildings ..	12	1493	1222	10	234	195	7	226	184
4	Institutional buildings ..	1	10	8	..	..	..	..	..	..
5	Others ..	..	..	..	1	48	39	..	..	..
	<b>Total</b> ..	<b>79</b>	<b>4442</b>	<b>3622</b>	<b>65</b>	<b>2404</b>	<b>1965</b>	<b>59</b>	<b>2948</b>	<b>2390</b>

TABLE 3-22—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings:						
	(a) Family quarters ..	231	12293	9919	217	12518	10208
	(b) Non-family quarters ..	..	..	..	1	31	26
2	Industrial buildings ..	7	732	593	4	260	210
3	Commercial buildings ..	17	1574	1274	23	5891	4727
4	Institutional buildings ..	10	2554	2114	2	1121	901
5	Others ..	1	82	66	2	267	215
	<b>Total</b> ..	<b>266</b>	<b>17235</b>	<b>13966</b>	<b>249</b>	<b>20088</b>	<b>16287</b>
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters ..	61	1836	1490	53	1779	1440
	(b) Non-family quarters ..	..	..	..	..	..	..
2	Industrial buildings ..	..	..	..	..	..	..
3	Commercial buildings ..	3	190	155	8	570	454
4	Institutional buildings ..	..	..	..	2	148	118
5	Others ..	..	..	..	..	..	..
	<b>Total</b> ..	<b>64</b>	<b>2026</b>	<b>1645</b>	<b>63</b>	<b>2497</b>	<b>2012</b>

**TABLE 3-23**  
**TRIPUNITHURA MUNICIPALITY**

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ..	550	40938	32713	328	22674	18449	407	29378	23984
	(b) Non-family quarters ..	2	2351	1934	7	324	261	2	44	36
2	Industrial buildings ..	4	311	252	7	527	429	2	92	75
3	Commercial buildings ..	15	1726	1410	17	2565	2061	26	3643	2983
4	Institutional buildings ..	2	196	170	1	64	52	3	1264	1029
5	Others ..	4	577	464	2	340	276	6	180	152
	<b>Total</b> ..	<b>577</b>	<b>45499</b>	<b>36943</b>	<b>362</b>	<b>26454</b>	<b>21528</b>	<b>446</b>	<b>34601</b>	<b>28259</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings :									
	(a) Family quarters ..	117	5692	4627	86	3947	3115	89	3944	3241
	(b) Non-family quarters ..	--	--	--	1	58	47	..	..	..
2	Industrial buildings ..	1	110	88	2	143	118	..	..	..
3	Commercial buildings ..	6	169	138	1	29	24	3	43	37
4	Institutional buildings ..	2	1920	1562	1	24	20	1	62	54
5	Others ..	1	11	9	..	..	..	..	..	..
	<b>Total</b> ..	<b>127</b>	<b>7902</b>	<b>6424</b>	<b>91</b>	<b>4101</b>	<b>3324</b>	<b>93</b>	<b>4049</b>	<b>3332</b>

TABLE 3-23—(cont.)

Serial number	Type of buildings	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	346	24574	19680	347	24950	20313
	(b) Non-family quarters	2	643	517	1	9	7
2	Industrial buildings	8	434	349	8	1309	1071
3	Commercial buildings	24	2833	2285	14	991	803
4	Institutional buildings	2	124	100	3	682	559
5	Others	3	265	217	1	39	32
	Total	385	28873	29348	374	27980	22785
	ALTERATIONS/ADDITIONS						
1	Dwellings :						
	(a) Family quarters	65	2605	2112	68	2729	2223
	(b) Non-family quarters	..	..	..	..	..	..
2	Industrial buildings	1	71	57	2	215	177
3	Commercial buildings	13	1136	936	5	280	225
4	Institutional buildings	2	477	381	..	..	..
5	Others	1	8	7	..	..	..
	Total	82	4297	3493	75	3224	2625

**TABLE 3-24**  
**ALWAYE MUNICIPALITY**

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	<b>Dwellings</b>									
	(a) Family quarters ..	203	20571	16718	138	13508	10905	146	17114	13893
	(b) Non-family quarters ..	3	1237	995	4	129	104	2	114	96
2	Industrial buildings ..	13	1176	953	1	26	21	4	195	158
3	Commercial buildings ..	14	2604	2139	12	2829	2286	21	5946	4890
4	Institutional buildings ..	1	1148	920	1	248	200	2	79	63
5	Others ..	1	112	90	1	10	8	2	278	224
	<b>Total</b> ..	<b>235</b>	<b>26848</b>	<b>21815</b>	<b>157</b>	<b>16750</b>	<b>13524</b>	<b>177</b>	<b>23726</b>	<b>19324</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	<b>Dwellings</b>									
	(a) Family quarters ..	31	1187	967	31	1545	1249	40	2086	1713
	(b) Non-family quarters ..	..	..	..	..	..	..	1	56	45
2	Industrial buildings ..	..	..	..	..	..	..	1	58	47
3	Commercial buildings ..	5	945	766	1	10	8	4	805	661
4	Institutional buildings ..	2	645	518	..	..	..	..	..	1
5	Others ..	..	..	..	..	..	..	..	..	..
	<b>Total</b> ..	<b>38</b>	<b>2777</b>	<b>2251</b>	<b>32</b>	<b>1555</b>	<b>1257</b>	<b>46</b>	<b>3005</b>	<b>2466</b>

TABLE 3-24—(cont.)

Serial number	Type of buildings	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	131	13837	11193	122	11215	9088
	(b) Non-family quarters	5	1428	1168	5	1516	1250
2	Industrial buildings	9	2637	2159	1	58	47
3	Commercial buildings	12	7801	6299	13	3112	2528
4	Institutional buildings	3	1012	813	2	1889	1540
5	Others	2	1289	1035	1	217	175
	Total	162	28004	22667	144	18007	14628
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters	43	3109	2516	25	1722	1395
	(b) Non-family quarters	1	371	298	1	865	697
2	Industrial buildings	3	106	85			
3	Commercial buildings				1	22	18
4	Institutional buildings	1	91	72			
5	Others	2	607	498			
	Total	50	4284	3469	27	2609	2110

**TABLE 3-25**  
**TRICHUR MUNICIPALITY**

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ..	269	30473	24738	213	25409	20460	248	28040	22756
	(b) Non-family quarters ..	2	228	185	1	221	177	2	307	246
2	Industrial buildings ..	3	214	177	5	1078	867	1	68	56
3	Commercial buildings ..	19	7443	6024	22	6020	4851	26	11809	9553
4	Institutional buildings ..	2	499	418	3	663	535	5	961	778
5	Others ..	3	540	444	..	..	..	4	4899	4018
	<b>Total</b> ..	<b>298</b>	<b>39397</b>	<b>31986</b>	<b>244</b>	<b>33391</b>	<b>26890</b>	<b>286</b>	<b>46084</b>	<b>37407</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters ..	118	8312	6744	91	6195	4997	104	6963	5579
	(b) Non-family quarters ..	3	793	662	1	6	5	3	1594	1291
2	Industrial buildings ..	..	..	..	1	4	4	1	192	158
3	Commercial buildings ..	6	2180	1772	2	254	204	13	2005	1614
4	Institutional buildings ..	2	1515	1222	1	400	320	2	758	623
5	Others ..	..	..	..	..	..	..	..	..	..
	<b>Total</b> ..	<b>129</b>	<b>12800</b>	<b>10400</b>	<b>96</b>	<b>6859</b>	<b>5530</b>	<b>123</b>	<b>11512</b>	<b>9265</b>

TABLE 3-25—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	250	30035	24292	204	22098	17814
	(b) Non-family quarters	3	2930	2350	3	1160	934
2	Industrial buildings	1	95	76	3	585	479
3	Commercial buildings	26	9235	7457	22	5942	4801
4	Institutional buildings	5	1034	831	3	728	593
5	Others	2	94	76	2	872	704
	Total	287	43423	35082	237	31385	25325
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters	94	5660	4558	70	5484	4435
	(b) Non-family quarters	..	..	..	..	..	..
2	Industrial buildings	1	21	17	2	60	49
3	Commercial buildings	3	2624	2116	3	1826	1468
4	Institutional buildings	2	568	455	2	231	187
5	Others	..	..	..	..	..	..
	Total	100	8873	7146	77	7601	6139



**TABLE 3-26**  
**KUNNAMEKULAM MUNICIPALITY**

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters	121	12600	10248	124	12017	9725	91	10237	8374
	(b) Non-family quarters	1	153	123	..	..	..	..	..	..
2	Industrial buildings	4	646	525	4	517	416	2	310	253
3	Commercial buildings	22	6279	5096	19	6525	5292	23	10386	8512
4	Institutional buildings	1	1229	1045	..	..	..	1	1080	904
5	Others	..	..	..	1	77	62	..	..	-
	<b>Total</b>	<b>149</b>	<b>20907</b>	<b>17037</b>	<b>148</b>	<b>19136</b>	<b>15495</b>	<b>117</b>	<b>22013</b>	<b>18043</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters	52	2870	2240	53	3929	3186	36	2291	1859
	(b) Non-family quarters	..	..	..	..	..	..	..	..	..
2	Industrial buildings	1	17	14	..	..	..	..	..	..
3	Commercial buildings	7	1248	1005	4	1199	977	9	2110	1736
4	Institutional buildings	..	..	..	1	72	58	..	..	..
5	Others	..	..	..	..	..	..	..	..	..
	<b>Total</b>	<b>60</b>	<b>4135</b>	<b>3259</b>	<b>58</b>	<b>5200</b>	<b>4221</b>	<b>45</b>	<b>4401</b>	<b>3595</b>

TABLE 3-26—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	85	8685	7028	67	8081	6566
	(b) Non-family quarters ..	1	69	56	..	..	..
2	Industrial buildings ..	..	..	..	2	139	112
3	Commercial buildings ..	21	4877	3942	9	2467	2006
4	Institutional buildings ..	1	763	625	4	1863	1494
5	Others ..	..	..	..	..	..	..
	Total ..	108	14394	11651	82	12550	10178
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters ..	23	1882	1516	15	1118	903
	(b) Non-family quarters ..	..	..	..	..	..	..
2	Industrial buildings ..	..	..	..	..	..	..
3	Commercial buildings ..	6	1999	1638	3	429	348
4	Institutional buildings ..	..	..	..	..	..	..
5	Others ..	..	..	..	..	..	..
	Total ..	29	3881	3154	18	1547	1251

TABLE 3.27  
GURUVAYUR TOWNSHIP

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
		3	4	5	6	7	8	9	10	11
1	Dwellings	109	11551	9420	128	13448	10921	183	19467	15767
	(a) Family quarters	8	8960	7223	7	1672	1368	7	3314	2658
	(b) Non-family quarters	5	358	294	3	274	225	1	34	28
2	Industrial buildings	11	1445	1174	9	1114	902	18	1887	1571
3	Commercial buildings	2	444	357	1	9	7	2	986	810
4	Institutional buildings	..	..	..	..	..	..	..	..	..
5	Others	..	..	..	..	..	..	..	..	..
	<b>Total</b>	135	22758	18468	148	16517	13423	211	25688	20834
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings	46	2631	2152	31	2162	1752	36	2236	1821
	(a) Family quarters	1	651	550	1	326	265	..	..	..
	(b) Non-family quarters	2	239	192	..	..	..	1	95	77
2	Industrial buildings	2	232	186	3	63	52	2	71	57
3	Commercial buildings	..	..	..	..	..	..	..	..	..
4	Institutional buildings	..	..	..	..	..	..	..	..	..
5	Others	..	..	..	..	..	..	..	..	..
	<b>Total</b>	51	3753	3080	35	2551	2069	39	2402	1955

TABLE 3.27—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings	..	..	..	..	..	..
	(a) Family quarters	..	..	..	..	..	..
	(b) Non-family quarters	..	..	..	..	..	..
2	Industrial buildings	..	..	..	..	..	..
3	Commercial buildings	..	..	..	..	..	..
4	Institutional buildings	..	..	..	..	..	..
5	Others	..	..	..	..	..	..
	Total	..	..	..	..	..	..
	ALTERATIONS/ADDITIONS						
1	Dwellings	..	..	..	..	..	..
	(a) Family quarters	..	..	..	..	..	..
	(b) Non-family quarters	..	..	..	..	..	..
2	Industrial buildings	..	..	..	..	..	..
3	Commercial buildings	..	..	..	..	..	..
4	Institutional buildings	..	..	..	..	..	..
5	Others	..	..	..	..	..	..
	Total	..	..	..	..	..	..

TABLE 3.28  
ANKAMALY MUNICIPALITY

Serial number	Type of building	1981			1982			1983			
		A	B	C	A	B	C	A	B	C	
1	2	3	4	5	6	7	8	9	10	11	
1	Dwellings	180	12188	9892	128	11481	9200	106	9186	7498	
	(a) Family quarters	12	2421	1948	5	2996	2425	8	549	449	
	(b) Non-family quarters	..	..	..	..	..	..	..	..	..	
2	Industrial buildings	9	2593	2114	5	3049	2450	5	1223	1007	
3	Commercial buildings	6	571	460	6	400	330	10	532	434	
4	Institutional buildings	6	12197	10167	1	315	252	7	1964	1608	
5	Others	3	83	68	1	448	360	5	668	550	
	<b>Total</b>	..	216	30053	24649	146	18689	15017	141	14122	11546
	<b>ALTERATIONS/ADDITIONS</b>										
1	Dwellings	46	2297	1858	29	2763	2246	21	1195	972	
	(a) Family quarters	..	6	308	251	11	1319	1072	4	182	147
	(b) Non-family quarters	..	..	..	..	..	..	..	..	..	
2	Industrial buildings	..	2	147	123	2	370	301	..	..	
3	Commercial buildings	..	2	190	162	1	880	705	1	300	246
4	Institutional buildings	..	2	190	162	4	894	722	..	..	
5	Others	..	1	51	41	..	..	..	..	..	
	<b>Total</b>	..	57	2993	2435	47	6226	5046	26	1677	1365

TABLE 3.28—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	152	10339	8353	131	12092	9772
	(b) Non-family quarters	6	461	371	7	3352	2749
2	Industrial buildings	6	754	610	4	1514	1221
3	Commercial buildings	13	7023	5640	16	2666	2172
4	Institutional buildings	2	248	200	..	..	..
5	Others	4	100	82	2	726	585
	Total	183	18925	15256	160	20350	16499
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters	34	1746	1410	29	1831	1481
	(b) Non-family quarters	9	429	347	1	65	52
2	Industrial buildings	2	143	115	..	..	..
3	Commercial buildings	2	1383	1108	2	280	227
4	Institutional buildings	2	436	350	1	37	30
5	Others	..	..	..	..	..	..
	Total	49	4137	3330	33	2213	1790

TABLE 3.29  
KODUNGALLOOR MUNICIPALITY

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ..	320	17371	14046	291	17541	14206	282	14592	11782
	(b) Non-family quarters..	1	114	92	1	672	550	4	2158	1810
2	Industrial buildings ..	3	876	702	5	822	662	1	25	20
3	Commercial buildings ..	18	1120	905	20	1948	1572	40	6974	5666
4	Institutional buildings ..	..	..	..	2	1616	1293	2	610	492
5	Others ..	1	100	80	13	667	540	1	867	713
	Total ..	343	19581	15825	332	23266	18823	330	25226	20483
	ALTERATIONS/ADDITIONS									
1	Dwellings									
	(a) Family quarters ..	18	1002	809	52	2445	1975	44	1670	1358
	(b) Non-family quarters..	1	298	244	2	208	171	..	..	..
2	Industrial buildings ..	1	62	50	1	24	20	..	..	..
3	Commercial buildings ..	2	53	43	..	..	..	..	..	..
4	Institutional buildings ..	..	..	..	..	..	..	..	..	..
5	Others ..	..	..	..	..	..	..	..	..	..
	Total ..	22	1415	1146	55	2677	2166	44	1670	1358

TABLE 3.29—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	245	12524	10124	183	11735	9422
	(b) Non-family quarters ..	3	2576	2090	2	304	245
2	Industrial buildings ..	1	15	12	2	116	93
3	Commercial buildings ..	19	1632	1325	37	3508	2836
4	Institutional buildings ..	1	776	622	..	..	..
5	Others ..	1	84	68	1	24	20
	Total ..	270	17607	14241	225	15687	12616
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters ..	19	604	495	28	1628	1308
	(b) Non-family quarters ..	..	..	..	1	21	17
2	Industrial buildings ..	..	..	..	..	..	..
3	Commercial buildings ..	1	351	287	2	273	221
4	Institutional buildings ..	..	..	..	..	..	..
5	Others ..	..	..	..	..	..	..
	Total ..	20	955	782	31	1922	1546



**TABLE 3.30**  
**CHAVAKADU MUNICIPALITY**

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ..	128	13565	11016	159	18326	14729	130	14925	12117
	(b) Non-family quarters..	2	100	81	2	971	787	4	1050	861
2	Industrial buildings ..	2	239	192	3	429	345	2	238	191
3	Commercial buildings ..	9	1015	828	20	3338	2686	24	2816	2267
4	Institutional buildings ..	2	228	190	1	185	148	1	347	278
5	Others ..	1	250	200	..	..	..	..	..	..
	<b>Total ..</b>	<b>144</b>	<b>15397</b>	<b>12507</b>	<b>185</b>	<b>23249</b>	<b>18695</b>	<b>161</b>	<b>19374</b>	<b>15714</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters ..	33	2837	2301	25	2095	1696	25	2032	1643
	(b) Non-family quarters..	..	..	..	..	..	..	..	..	..
2	Industrial buildings ..	..	..	..	..	..	..	..	..	..
3	Commercial buildings ..	3	482	387	1	87	70	1	87	70
4	Institutional buildings ..	1	45	36	..	..	..	..	..	..
5	Others ..	..	..	..	..	..	..	..	..	..
	<b>Total ..</b>	<b>37</b>	<b>3364</b>	<b>2724</b>	<b>26</b>	<b>2182</b>	<b>1766</b>	<b>26</b>	<b>2119</b>	<b>1713</b>

TABLE 3.30—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12 <sup>a</sup>	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	212	22317	18155	156	17497	14217
	(b) Non-family quarters ..	..	..	..	..	..	..
2	Industrial buildings ..	2	87	68	6	465	376
3	Commercial buildings ..	19	3582	2926	19	2328	1880
4	Institutional buildings ..	1	231	189	1	153	123
5	Others ..	1	40	31	1	10	10
	Total ..	235	26257	21369	183	20453	16606
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters ..	35	2869	2327	17	961	778
	(b) Non-family quarters ..	..	..	..	..	..	..
2	Industrial buildings ..	..	..	..	1	44	35
3	Commercial buildings ..	3	548	448	..	..	..
4	Institutional buildings ..	..	..	..	..	..	..
5	Others ..	..	..	..	..	..	..
	Total ..	38	3417	2775	18	1005	813

**TABLE 3.31**  
**CHALAKUDY MUNICIPALITY**

Sl. No.	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
		3	4	5	6	7	8	9	10	11
1	Dwellings	153	12805	10465	142	10851	8777	95	6900	5559
	(a) Family quarters ...	1	1868	1570	..	..	..	5	2253	1804
	(b) Non-family quarters..	3	319	257	6	1732	1390	..	..	..
2	Industrial buildings ..	15	2736	2202	6	687	559	12	3097	2492
3	Commercial buildings ..	3	990	822	1	14	12	4	810	649
4	Institutional buildings ..	3	990	822	1	14	12	4	810	649
5	Others ..	1	65	52	..	..	..	3	332	267
	<b>Total</b> ..	<b>176</b>	<b>18783</b>	<b>15368</b>	<b>155</b>	<b>13284</b>	<b>10738</b>	<b>119</b>	<b>13392</b>	<b>10771</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings	11	1008	813	29	1539	1243	23	1649	1329
	(a) Family quarters ..	..	..	..	..	..	..	..	..	..
	(b) Non-family quarters..	1	1057	847	1	34	28	..	..	..
2	Industrial buildings ..	2	221	185	2	95	76	1	98	79
3	Commercial buildings ..	1	967	800	..	..	..	..	..	..
4	Institutional buildings ..	1	43	35	..	..	..	1	41	33
5	Others ..	..	..	..	..	..	..	..	..	..
	<b>Total</b> ..	<b>16</b>	<b>3296</b>	<b>2680</b>	<b>32</b>	<b>1668</b>	<b>1347</b>	<b>25</b>	<b>1788</b>	<b>1441</b>

TABLE 3.31—(cont.)

Sl. No.	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ...	242	16974	13697	220	18087	14738
	(b) Non-family quarters ...	5	845	700	3	564	455
2	Industrial buildings ...	4	375	301	1	136	110
3	Commercial buildings ...	16	4087	3337	10	1439	1159
4	Institutional buildings ...	2	408	332	5	1003	812
5	Others ...	5	949	775	2	827	683
	Total ..	274	23638	19142	241	22056	17957
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters ...	48	2800	2277	50	2598	2103
	(b) Non-family quarters ...	1	100	82	1	164	132
2	Industrial buildings ...	1	70	56	1	142	114
3	Commercial buildings ...	2	54	44	1	69	56
4	Institutional buildings ...	2	422	345	..	..	..
5	Others ...	..	..	..	..	..	..
	Total ..	54	3446	2804	53	2973	2405

TABLE 3.32  
IRINJALAKUDA MUNICIPALITY

Sl. No.	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings	72	7188	5907	68	7275	5852	93	8900	7259
	(a) Family quarters ..	..	..	..	1	91	73	1	40	32
	(b) Non-family quarters...	..	..	..	..	..	..	3	443	358
2	Industrial buildings	1	103	83	..	..	..	4	550	412
3	Commercial buildings	1	24	20	4	747	680	4	108	86
4	Institutional buildings	2	1270	1060	..	..	..	2	..	..
5	Others	..	..	..	1	51	41	..	..	..
	Total	76	8585	7070	74	8164	6646	103	10041	8147
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings	8	581	482	20	1094	890	20	889	726
	(a) Family quarters ..	..	..	..	..	..	..	..	..	..
	(b) Non-family quarters..	..	..	..	..	..	..	..	..	..
2	Industrial buildings	1	29	24	..	..	..	1	51	42
3	Commercial buildings	2	356	294	..	..	..	..	..	..
4	Institutional buildings	1	1009	855	..	..	..	..	..	..
5	Others	..	..	..	..	..	..	..	..	..
	Total	12	1975	1655	20	1094	890	21	940	768

TABLE 3.32—(cont.)

Sl. No.	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	180	15208	12346	200	18210	14756
	(b) Non-family quarters ..	..	..	..	2	351	285
2	Industrial buildings ..	4	198	160	5	1561	1263
3	Commercial buildings ..	16	2707	2193	19	3214	2600
4	Institutional buildings ..	3	1071	862	4	2432	1961
5	Others ..	3	839	688	4	160	130
	Total ..	206	20023	16249	234	25928	20995
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters ..	25	1125	919	46	2496	2017
	(b) Non-family quarters ..	1	28	23	2	261	212
2	Industrial buildings ..	..	..	..	1	69	48
3	Commercial buildings ..	2	138	111	1	384	311
4	Institutional buildings ..	2	368	303	1	57	46
5	Others ..	..	..	..	..	..	..
	Total ..	30	1659	1356	51	3258	2634

TABLE 3-33  
SHORANUR MUNICIPALITY

Sl. No.	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings	107	7758	6244	76	5343	4317	76	7031	5706
	(a) Family quarters	2	89	72	..	..	..	..	..	..
	(b) Non-family quarters	2	144	116	4	740	599	2	146	118
2	Industrial buildings	6	1926	1547	2	57	46	..	..	..
3	Commercial buildings	..	..	..	..	..	..	1	49	40
4	Institutional buildings	..	..	..	..	..	..	1	989	795
5	Others	..	..	..	..	..	..	..	..	..
	Total	117	9917	7979	82	6140	4962	80	8215	6659
	ALTERATIONS/ADDITIONS									
1	Dwellings	7	433	349	11	613	495	17	1366	1101
	(a) Family quarters	..	..	..	1	136	112	..	..	..
	(b) Non-family quarters	..	..	..	1	96	78	..	..	..
2	Industrial buildings	..	..	..	1	250	201	..	..	..
3	Commercial buildings	1	29	24	2	379	308	..	..	..
4	Institutional buildings	..	..	..	..	..	..	..	..	..
5	Others	..	..	..	..	..	..	..	..	..
	Total	8	462	373	16	1474	1194	17	1366	1101

TABLE 3-33—(cont.)

Sl. No.	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	121	7636	6155	68	4907	3967
	(b) Non-family quarters	1	1490	1220	..	..	..
2	Industrial buildings	1	90	72	1	42	34
3	Commercial buildings	3	256	205	4	524	422
4	Institutional buildings	2	289	238	2	176	142
5	Others	2	111	91	1	95	76
	Total	130	9872	7981	76	5744	4641
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters	23	908	735	14	739	599
	(b) Non-family quarters	..	..	..	1	205	164
2	Industrial buildings	..	..	..	1	28	23
3	Commercial buildings	1	95	77	1	32	26
4	Institutional buildings	..	..	..	1	37	30
5	Others	1	56	46	..	..	..
	Total	25	1059	858	18	1041	842



TABLE 3-34  
PALGHAT MUNICIPALITY

Serial number	Type of building	1981			1982			1983			
		A	B	C	A	B	C	A	B	C	
1	2	3	4	5	6	7	8	9	10	11	
1	Dwellings	475	44297	36243	504	44707	35905	436	43901	35585	
	(a) Family quarters	..	4	3173	2552	8	6345	5095	11	4559	3689
	(b) Non-family quarters	..	12	3715	3136	7	691	556	8	676	553
2	Industrial buildings	..	54	8078	6677	42	5957	4786	44	8193	6722
3	Commercial buildings	..	7	1718	1397	5	1109	889	10	2667	2181
4	Institutional buildings	..	4	1010	845	1	19	16	4	457	380
5	Others	..	4	1010	845	1	19	16	4	457	380
	Total	..	556	61991	50850	567	58828	47247	513	60453	49110
	ALTERATIONS/ADDITIONS										
1	Dwellings	..	140	9272	7592	103	7296	5883	108	7019	5739
	(a) Family quarters	..	2	931	785	..	..	..	..	..	..
	(b) Non-family quarters	..	5	444	365	2	120	97	2	182	150
2	Industrial buildings	..	16	2254	1878	14	2548	2051	8	828	677
3	Commercial buildings	..	5	938	767	6	1820	1463	1	146	117
4	Institutional buildings	..	3	817	675	..	..	..	1	38	31
5	Others	..	3	817	675	..	..	..	1	38	31
	Total	..	171	14656	12062	125	11784	9494	120	8213	6714

TABLE 3-34--(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	498	46152	37404	438	39201	31862
	(b) Non-family quarters	6	4187	3434	2	1336	1096
2	Industrial buildings	9	638	518	8	402	329
3	Commercial buildings	41	19550	15899	40	8145	6564
4	Institutional buildings	7	2172	1763	8	1524	1243
5	Others	3	176	141	3	2701	1526
	Total	564	72875	59159	499	53309	42620
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters	88	5437	4510	89	5622	4567
	(b) Non-family quarters	1	308	252	2	265	214
2	Industrial buildings	1	90	72	1	150	123
3	Commercial buildings	9	1223	998	4	612	499
4	Institutional buildings	3	549	445	3	1035	768
5	Others	..	..	..	1	40	32
	Total	102	7607	6277	100	7724	6203

TABLE 3-35

## CHITTOOR-THATHAMANGALAM MUNICIPALITY

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
		3	4	5	6	7	8	9	10	11
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings	60	4203	3396	36	2415	1951	65	4702	3824
	(a) Family quarters	1	28	23	6	315	253	4	157	128
	(b) Non-family quarters	2	145	117	..	..	..	1	39	31
2	Industrial buildings	9	469	378	2	111	90	3	341	279
3	Commercial buildings	..	..	..	..	..	..	2	381	312
4	Institutional buildings	..	..	..	..	..	..	..	..	..
5	Others	1	325	260	..	..	..	..	..	..
	Total	73	5170	4174	44	2841	2294	75	5620	4574
	ALTERATIONS/ADDITIONS									
1	Dwellings	12	559	453	14	629	510	24	938	764
	(a) Family quarters	1	24	20	1	168	137	2	141	116
	(b) Non-family quarters	..	..	..	..	..	..	..	..	..
2	Industrial buildings	..	..	..	..	..	..	..	..	..
3	Commercial buildings	2	81	65	2	63	52	..	..	..
4	Institutional buildings	..	..	..	..	..	..	1	32	26
5	Others	..	..	..	..	..	..	..	..	..
	Total	15	664	538	17	860	699	27	1111	906

TABLE 3-35—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	107	6898	5561	84	5931	4789
	(b) Non-family quarters	2	73	59	4	98	80
2	Industrial buildings	4	240	191	2	96	78
3	Commercial buildings	13	1413	1146	2	248	198
4	Institutional buildings	3	466	380	..	..	..
5	Others	..	..	..	..	..	..
	Total	129	9090	7337	92	6373	5145
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters	21	881	717	25	1227	996
	(b) Non-family quarters	..	..	..	2	61	50
2	Industrial buildings	2	133	109	..	..	..
3	Commercial buildings	..	..	..	..	..	..
4	Institutional buildings	..	..	..	..	..	..
5	Others	..	..	..	..	..	..
	Total	23	1014	826	27	1268	1046

TABLE 3-36  
PONNANI MUNICIPALITY

68/534-7a

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings	175	17270	14128	108	10313	8298	115	11473	9394
	(a) Family quarters	7	1738	1410	2	1929	1551	..	..	..
	(b) Non-family quarters	1	39	32	..	..	..	3	1009	825
2	Industrial buildings	23	1706	1396	11	1014	809	18	1915	1566
3	Commercial buildings	2	478	396	1	52	42	1	276	225
4	Institutional buildings	2	1093	910	..	..	..	..	..	..
5	Others	..	..	..	..	..	..	..	..	..
	Total	210	22324	18272	122	13308	10700	137	14673	12010
	ALTERATIONS/ADDITIONS									
1	Dwellings	73	5874	4773	56	3769	3039	23	2034	1670
	(a) Family quarters	1	37	30	..	..	..	..	..	..
	(b) Non-family quarters	1	108	87	..	..	..	..	..	..
2	Industrial buildings	2	48	39	2	43	35	1	33	27
3	Commercial buildings	4	603	493	..	..	..	3	905	740
4	Institutional buildings	..	..	..	..	..	..	..	..	..
5	Others	..	..	..	..	..	..	..	..	..
	Total	81	6670	5422	58	3812	3074	27	2972	2437

TABLE 3-36—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	139	12637	10197	103	10165	8306
	(b) Non-family quarters	..	..	..	..	..	..
2	Industrial buildings	2	77	61	8	850	694
3	Commercial buildings	18	1767	1425	13	1351	1095
4	Institutional buildings	1	574	460	2	244	199
5	Others	..	..	..	1	369	302
	Total	160	15055	12143	127	12979	10596
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters	28	1428	1157	11	831	674
	(b) Non-family quarters	..	..	..	..	..	..
2	Industrial buildings	..	..	..	..	..	..
3	Commercial buildings	4	494	397	1	40	32
4	Institutional buildings	..	..	..	..	..	..
5	Others	..	..	..	..	..	..
	Total	32	1922	1554	12	871	706

TABLE 3-37  
MANJERI MUNICIPALITY

Serial number	Type of building	1981			1982			1983			
		A	B	C	A	B	C	A	B	C	
1	2	3	4	5	6	7	8	9	10	11	
1	Dwellings	..	241	18632	15172	226	16153	13044	283	19801	16164
	(a) Family quarters	..	..	..	..	3	174	140	1	57	47
	(b) Non-family quarters	..	..	..	..	1	100	80	3	530	432
2	Industrial buildings	..	2	827	715	1	1661	1345	24	2789	2282
3	Commercial buildings	..	13	1802	1483	14	1661	1345	24	2789	2282
4	Institutional buildings	..	..	..	..	1	373	299	2	414	335
5	Others	..	..	..	..	..	..	..	1	84	68
	Total	..	256	21261	17370	245	18461	14908	314	23675	19378
	ALTERATIONS/ADDITIONS										
1	Dwellings	..	29	1553	1266	31	1702	1387	28	1663	1348
	(a) Family quarters	..	..	..	..	..	..	..	..	..	..
	(b) Non family quarters	..	..	..	..	..	..	..	..	..	..
2	Industrial buildings	..	..	..	..	..	..	..	..	..	..
3	Commercial buildings	..	..	..	..	1	52	42	1	57	46
4	Institutional buildings	..	3	624	517	1	180	144	..	..	..
5	Others	..	..	..	..	..	..	..	..	..	..
	Total	..	32	2177	1783	33	1934	1573	29	1720	1394

TABEE 3-37 (cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	263	20751	16809	218	16603	13419
	(b) Non-family quarters	2	305	246	3	194	155
2	Industrial buildings	2	384	308	5	383	309
3	Commercial buildings	23	2713	2212	25	2992	2413
4	Institutional buildings	..	..	..	2	300	242
5	Others	3	346	276	..	..	..
	<b>Total</b>	<b>293</b>	<b>24499</b>	<b>19851</b>	<b>253</b>	<b>20472</b>	<b>16538</b>
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters	46	2952	2391	34	2616	2111
	(b) Non-family quarters	1	126	101	..	..	..
2	Industrial buildings	1	42	34	1	256	207
3	Commercial buildings	2	202	164	..	..	..
4	Institutional buildings	1	178	144	..	..	..
5	Others	..	..	..	..	..	..
	<b>Total</b>	<b>51</b>	<b>3500</b>	<b>2834</b>	<b>35</b>	<b>2872</b>	<b>2318</b>



**TABLE 3-38**  
**MALAPPURAM MUNICIPALITY**

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings	201	16062	13025	191	16685	13488	188	15697	12728
	(a) Family quarters	3	250	201	3	1638	1339	2	10	8
	(b) Non-family quarters	6	297	239	1	100	84	1	36	28
2	Industrial buildings	8	1126	915	9	2785	2329	13	3106	2531
3	Commercial buildings	4	1782	1487	3	492	402	3	912	733
4	Institutional buildings	..	..	..	3	376	302	2	462	369
5	Others	..	..	..	..	..	..	..	..	..
	<b>Total</b>	<b>222</b>	<b>19517</b>	<b>15867</b>	<b>210</b>	<b>22076</b>	<b>17944</b>	<b>209</b>	<b>20223</b>	<b>16397</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings	44	2284	1852	40	2965	2401	32	1942	1571
	(a) Family quarters	..	..	..	..	..	..	..	..	..
	(b) Non-family quarters	..	..	..	..	..	..	1	61	48
2	Industrial buildings	3	273	219	2	151	122	2	148	119
3	Commercial buildings	3	871	698	..	..	..	2	739	595
4	Institutional buildings	..	..	..	..	..	..	1	36	29
5	Others	..	..	..	..	..	..	..	..	..
	<b>Total</b>	<b>50</b>	<b>3428</b>	<b>2769</b>	<b>42</b>	<b>3116</b>	<b>2523</b>	<b>38</b>	<b>2926</b>	<b>2362</b>

TABEE 3-38—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	294	23582	19104	209	20756	16825
	(b) Non-family quarters	3	414	332	4	52	44
2	Industrial buildings	8	529	418	3	117	95
3	Commercial buildings	19	2932	2382	15	3103	2515
4	Institutional buildings	3	444	357	3	262	213
5	Others	3	916	738	1	30	24
	<b>Total</b>	<b>330</b>	<b>28817</b>	<b>23331</b>	<b>235</b>	<b>24320</b>	<b>19716</b>
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters	53	3670	2968	41	3128	2541
	(b) Non-family quarters	5	1852	1490	..	..	..
2	Industrial buildings	..	..	..	1	20	16
3	Commercial buildings	4	446	361	3	484	393
4	Institutional buildings	2	268	219	2	403	326
5	Others	..	..	..	..	..	..
	<b>Total</b>	<b>64</b>	<b>6236</b>	<b>5038</b>	<b>47</b>	<b>4035</b>	<b>3276</b>

**TABLE 3-39**  
**TIRUR MUNICIPALITY**

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings	171	16712	13547	158	18111	14619	256	25908	20913
	(a) Family quarters	2	1056	847	3	2138	1715	3	1926	1650
	(b) Non-family quarters	1	216	173	3	239	192	6	1075	869
2	Industrial buildings	15	3521	2871	29	6747	5423	37	6198	5023
3	Commercial buildings	2	89	73	4	660	531	2	245	197
4	Institutional buildings	1	14	12	2	190	153	4	2865	2313
5	Others	..	..	..	..	..	..	..	..	..
	<b>Total</b>	<b>192</b>	<b>21608</b>	<b>17523</b>	<b>199</b>	<b>28085</b>	<b>22633</b>	<b>308</b>	<b>38217</b>	<b>30965</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings	33	1777	1449	50	3190	2579	45	2320	1876
	(a) Family quarters	1	380	310	..	..	..	..	160	128
	(b) Non-family quarters	..	..	..	..	..	..	5	643	517
2	Industrial buildings	..	..	..	3	108	87	..	..	..
3	Commercial buildings	..	..	..	1	574	462	..	..	..
4	Institutional buildings	..	..	..	1	15	13	2	758	607
5	Others	..	..	..	..	..	..	..	..	..
	<b>Total</b>	<b>34</b>	<b>2157</b>	<b>1759</b>	<b>55</b>	<b>3887</b>	<b>3141</b>	<b>53</b>	<b>3881</b>	<b>3128</b>

TABLE 3-39—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	258	24674	20049	299	27243	21939
	(b) Non-family quarters	4	718	581	2	804	644
2	Industrial buildings	6	354	286	3	323	259
3	Commercial buildings	23	3969	3263	31	4189	3390
4	Institutional buildings	4	2798	2294	4	353	286
5	Others	7	395	325	1	6	5
	Total	302	32908	26798	340	32918	26525
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters	54	3289	2666	86	5000	4041
	(b) Non-family quarters	--	--	--	3	560	456
2	Industrial buildings	--	--	--	3	57	46
3	Commercial buildings	9	1591	1300	5	607	490
4	Institutional buildings	1	42	34	1	104	84
5	Others	--	--	--	--	--	--
	Total	64	4922	4000	98	6327	5117

TABLE 3-40  
BADAGARA MUNICIPALITY

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings	472	32547	26461	495	35156	28471	453	32125	25911
	(a) Family quarters	2	518	415	3	2245	1802	10	1992	1607
	(b) Non-family quarters	7	1030	837	12	1620	1303	5	707	570
2	Industrial buildings	44	6009	4907	55	10093	8165	33	7489	6054
3	Commercial buildings	6	1274	1038	6	1713	1381	3	391	318
4	Institutional buildings	2	127	103	2	57	46	3	166	135
5	Others									
	<b>Total</b>	<b>533</b>	<b>41505</b>	<b>33761</b>	<b>573</b>	<b>50884</b>	<b>41168</b>	<b>507</b>	<b>42870</b>	<b>34595</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings	81	4477	3633	49	2464	1989	50	2923	2377
	(a) Family quarters	1	17	14	2	95	78	..	..	..
	(b) Non-family quarters	..	..	..	..	..	..	1	7	6
2	Industrial buildings	9	635	512	3	433	348	7	1313	1075
3	Commercial buildings	..	..	..	..	..	..	..	..	..
4	Institutional buildings	1	19	16	..	..	..	..	..	..
5	Others	..	..	..	..	..	..	..	..	..
	<b>Total</b>	<b>92</b>	<b>5148</b>	<b>4175</b>	<b>54</b>	<b>2992</b>	<b>2415</b>	<b>58</b>	<b>4243</b>	<b>3458</b>

TABLE 3·40—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	377	29130	23612	364	29543	23978
	(b) Non-family quarters	8	691	560	5	1018	818
2	Industrial buildings	2	148	119	1	9	8
3	Commercial buildings	24	3085	2493	28	6951	5881
4	Institutional buildings	4	501	411	5	641	526
5	Others	1	83	67	..	..	..
	<b>Total</b>	<b>416</b>	<b>33638</b>	<b>27262</b>	<b>403</b>	<b>38162</b>	<b>31211</b>
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters	28	1298	1033	20	921	744
	(b) Non-family quarters	2	131	107	1	52	42
2	Industrial buildings	..	..	..	..	..	..
3	Commercial buildings	1	24	20	2	304	248
4	Institutional buildings	..	..	..	1	90	72
5	Others	1	139	112	..	..	..
	<b>Total</b>	<b>32</b>	<b>1592</b>	<b>1272</b>	<b>24</b>	<b>1367</b>	<b>1106</b>

TABLE 3-41  
TELLICHERRY MUNICIPALITY

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings	353	40490	32963	274	32637	26384	294	33639	27246
	(a) Family quarters	5	1479	1213	2	612	502	..	..	..
	(b) Non-family quarters	7	605	486	3	250	204	2	471	377
2	Industrial buildings	40	8521	6814	17	1865	1501	23	3774	3063
3	Commercial buildings	5	1119	907	6	1616	1299	..	..	..
4	Institutional buildings	1	1987	1591	..	..	..	6	614	502
5	Others	..	..	..	..	..	..	..	..	..
	Total	411	54201	43974	302	36980	29890	325	38498	31188
	ALTERATIONS/ADDITIONS									
1	Dwellings	93	6821	5519	74	5099	4130	56	3553	2881
	(a) Family quarters	..	..	..	..	..	..	1	13	11
	(b) Non-family quarters	..	..	..	3	440	353	..	..	..
2	Industrial buildings	8	2496	2017	..	..	..	6	401	325
3	Commercial buildings	6	1746	1441	..	..	..	..	..	..
4	Institutional buildings	..	..	..	..	..	..	..	..	..
5	Others	..	..	..	..	..	..	..	..	..
	Total	107	11063	8977	77	5539	4483	63	3967	3217

TABLE 3.41—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters	315	34118	27691	310	35626	28985
	(b) Non-family quarters	..	..	..	2	244	200
2	Industrial buildings	3	327	266	3	326	266
3	Commercial buildings	40	4037	3303	28	9382	7599
4	Institutional buildings	4	312	250	1	321	259
5	Others	2	358	291	4	313	255
	Total	364	39152	31801	348	46212	37564
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters	70	5661	4601	69	6425	5241
	(b) Non-family quarters	..	..	..	..	..	..
2	Industrial buildings	..	..	..	..	..	..
3	Commercial buildings	2	577	471	2	1736	1422
4	Institutional buildings	..	..	..	..	..	..
5	Others	..	..	..	1	61	50
	Total	72	6238	5072	72	8222	6713



TABLE 3-42  
CANNANORE MUNICIPALITY

Serial number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings	321	40567	32749	307	40599	32758	248	32231	25981
	(a) Family quarters	6	3390	2782	6	2266	1754	8	4903	3973
	(b) Non-family quarters	5	2156	1807	4	819	658	3	416	336
2	Industrial buildings	35	13175	10815	46	8370	6750	47	11539	9300
3	Commercial buildings	2	288	231	3	461	371	2	125	102
4	Institutional buildings	1	319	256	3	1921	1440	2	53	42
5	Others									
	<b>Total</b>	<b>370</b>	<b>59895</b>	<b>48640</b>	<b>369</b>	<b>54436</b>	<b>43731</b>	<b>310</b>	<b>49267</b>	<b>39734</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings	95	6125	4992	134	8060	6571	67	4851	4023
	(a) Family quarters	5	1939	1572	2	2698	2207	..	..	..
	(b) Non-family quarters	2	373	300	3	722	581	2	50	41
2	Industrial buildings	17	2360	1918	18	1999	1615	9	754	613
3	Commercial buildings	4	1267	1049	..	..	..	2	448	360
4	Institutional buildings	1	13	11	..	..	..	..	..	..
5	Others									
	<b>Total</b>	<b>124</b>	<b>12077</b>	<b>9842</b>	<b>157</b>	<b>13479</b>	<b>10974</b>	<b>80</b>	<b>6103</b>	<b>5037</b>

TABLE 3-42—(cont.)

Serial number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	245	31552	25347	267	38010	30680
	(b) Non-family quarters ..	3	3688	2951	2	518	418
2	Industrial buildings ..	3	290	233	6	775	628
3	Commercial buildings ..	28	7668	6160	40	17859	14542
4	Institutional buildings ..	5	1028	824	3	1048	852
5	Others ..	1	158	130	..	..	..
	Total ..	285	44384	35645	318	58210	47120
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters ..	63	4502	3629	62	4509	3636
	(b) Non-family quarters ..	1	1265	1014	1	560	451
2	Industrial buildings ..	1	43	35	1	50	41
3	Commercial buildings ..	10	990	796	7	1809	1449
4	Institutional buildings ..	2	95	77	2	136	111
5	Others ..	1	37	30	..	..	..
	Total ..	78	6932	5581	73	7064	5688

TABLE 3-43  
KASARGOD MUNICIPALITY

68/534-8

Sl. No.	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ..	180	15542	12690	264	20479	16508	200	17379	14096
	(b) Non-family quarters ..	3	1715	1374	1	3896	3120	4	7970	6559
2	Industrial buildings ..	5	806	740	2	3599	2886	..	..	..
3	Commercial buildings ..	26	4937	4085	25	8326	6687	37	7714	6236
4	Institutional buildings ..	3	577	480	8	1780	1429	20	2702	2212
5	Others ..	4	341	280	5	699	561	3	212	169
	<b>Total</b> ..	<b>221</b>	<b>23918</b>	<b>19649</b>	<b>305</b>	<b>38779</b>	<b>31191</b>	<b>264</b>	<b>35977</b>	<b>29272</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters ..	84	5484	4475	73	3638	2940	52	3612	2931
	(b) Non-family quarters ..	3	557	447	1	46	37	..	..	..
2	Industrial buildings ..	1	110	88	1	188	151	..	..	..
3	Commercial buildings ..	8	469	380	3	241	194	8	1706	1392
4	Institutional buildings ..	5	1388	1161	1	64	52	2	404	324
5	Others ..	3	524	438	..	..	..	..	..	..
	<b>Total</b> ..	<b>104</b>	<b>8532</b>	<b>6989</b>	<b>79</b>	<b>4177</b>	<b>3374</b>	<b>62</b>	<b>5722</b>	<b>4647</b>

TABLE 3-43—(cont.)

Sl. No.	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	175	17909	14440	165	18500	15001
	(b) Non-family quarters ..	6	7634	6215	10	7016	5685
2	Industrial buildings ..	4	1181	947	2	143	116
3	Commercial buildings ..	46	15117	12197	31	13908	11215
4	Institutional buildings ..	1	7	6	4	766	620
5	Others ..	8	411	333	4	37	32
	Total ..	240	42259	34138	216	40370	32669
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters ..	45	2795	2258	46	2812	2277
	(b) Non-family quarters ..	3	1450	1164	2	2703	2183
2	Industrial buildings ..	..	..	..	..	..	..
3	Commercial buildings ..	9	819	659	18	4616	3746
4	Institutional buildings ..	4	913	733	2	172	138
5	Others ..	..	..	..	1	70	56
	Total ..	61	5977	4814	69	10373	8400

TABLE 3-44  
KANHANGADU MUNICIPALITY

68/534-8a  
Sl. number

Sl. number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings	..	..	..	..	..	..	..	..	..
	(a) Family quarters	..	..	..	..	..	..	..	..	..
	(b) Non-family quarters	..	..	..	..	..	..	..	..	..
2	Buildings	..	..	..	..	..	..	..	..	..
3	Industrial buildings	..	..	..	..	..	..	..	..	..
4	Commercial buildings	..	..	..	..	..	..	..	..	..
5	Institutional buildings	..	..	..	..	..	..	..	..	..
	Others	..	..	..	..	..	..	..	..	..
	Total	..	..	..	..	..	..	..	..	..
	ALTERATIONS/ADDITIONS									
1	Dwellings	..	..	..	..	..	..	..	..	..
	(a) Family quarters	..	..	..	..	..	..	..	..	..
	(b) Non-family quarters	..	..	..	..	..	..	..	..	..
2	Industrial buildings	..	..	..	..	..	..	..	..	..
3	Commercial building	..	..	..	..	..	..	..	..	..
4	Institutional buildings	..	..	..	..	..	..	..	..	..
5	Others	..	..	..	..	..	..	..	..	..
	Total	..	..	..	..	..	..	..	..	..

TABLE 3.44 (cont.)

Sl. number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	167	9138	7403	560	93054	26733
	(b) Non family quarters ..	1	286	234	11	1825	1473
2	Industrial Buildings ..	2	135	110	8	432	351
3	Commercial buildings ..	12	1840	1500	32	2780	2246
4	Institutional buildings ..	4	113	92	15	1847	1499
5	Others ..	1	6	5	5	167	136
	Total ..	187	11518	9344	631	40105	32438
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters ..	21	1126	919	106	4900	3974
	(b) Non-family quarters ..	..	..	..	1	20	16
2	Industrial buildings ..	1	115	95	..	..	..
3	Commercial buildings ..	..	..	..	3	81	66
4	Institutional buildings ..	..	..	..	3	331	269
5	Others ..	1	41	32	..	..	..
	Total ..	23	1282	1046	113	5332	4325

**New Construction**  
**TRIVANDRUM CORPORATION**

Sl. number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ..	2224	207669	166936	2360	239496	199275	2331	249309	208272
	(b) Non-family quarters ..	19	11724	9307	29	19454	15227	28	13215	10871
2	Industrial buildings ..	12	2592	1947	19	2640	2265	14	3833	3103
3	Commercial buildings ..	83	8588	6956	110	26553	21459	132	23754	19818
4	Institutional buildings ..	22	8242	7199	15	10402	8354	25	9194	7673
5	Others ..	69	2378	2050	90	4250	3761	5	90	76
	<b>Total</b> ..	<b>2429</b>	<b>241193</b>	<b>194395</b>	<b>2623</b>	<b>302795</b>	<b>250341</b>	<b>2535</b>	<b>299395</b>	<b>249813</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters ..	338	21157	16342	255	24392	20385	285	24985	20947
	(b) Non-family quarters ..	3	386	288	3	1280	1052	..	..	..
2	Industrial buildings ..	2	200	150	..	..	..	2	915	678
3	Commercial buildings ..	4	423	330	1	199	153	9	534	442
4	Institutional buildings ..	2	322	244	2	179	128	1	40	33
5	Others ..	5	216	164	7	417	329	..	..	..
	<b>Total</b> ..	<b>354</b>	<b>22704</b>	<b>17518</b>	<b>268</b>	<b>26467</b>	<b>22052</b>	<b>297</b>	<b>26474</b>	<b>22100</b>

TABLE 4-1—(cont.)

Sl. number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	2142	211132	171578	1443	137621	111833
	(b) Non-family quarters ..	29	11894	9558	10	5079	4103
2	Industrial buildings ..	27	4817	3955	16	4213	3404
3	Commercial buildings ..	137	33374	26909	76	23783	19265
4	Institutional buildings ..	21	6818	5513	12	9185	7577
5	Others ..	6	207	170	2	129	104
	Total ..	2362	268242	217683	1559	180010	146286
	ALTERATIONS/ADDITIONS						
1	Dwellings						
	(a) Family quarters ..	296	25864	21128	170	16433	13276
	(b) Non-family quarters ..	..	..	..	1	62	50
2	Industrial buildings ..	1	26	21	1	86	69
3	Commercial buildings ..	8	2681	2205	6	1854	1488
4	Institutional buildings ..	1	1160	928	..	..	..
5	Others ..	..	..	..	..	..	..
	Total ..	306	29731	24282	178	18435	14883



**TABLE 4-2**  
**New Construction**  
**COCHIN CORPORATION**

Sl. number	Type of building	1981			1982			1983		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ..	1296	112849	91530	2315	188264	158649	1432	115067	95390
	(b) Non-family quarters ..	25	9159	7794	10	6862	5918	22	13411	11072
2	Industrial buildings ..	19	2361	1915	27	3547	3102	25	2265	1904
3	Commercial buildings ..	115	26257	21805	103	32475	27269	150	36272	29791
4	Institutional buildings ..	24	7189	5823	56	11526	9740	17	17659	14558
5	Others ..	20	1911	1609	28	1659	1382	11	2294	2034
	<b>Total</b> ..	<b>1499</b>	<b>159726</b>	<b>130476</b>	<b>2539</b>	<b>244333</b>	<b>206060</b>	<b>1657</b>	<b>186968</b>	<b>154749</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters ..	266	15241	12463	394	19297	16354	265	14435	12068
	(b) Non-family quarters ..	..	..	..	..	..	..	6	2309	1925
2	Industrial buildings ..	3	230	187	..	..	..	..	..	..
3	Commercial buildings ..	14	3210	2806	7	907	791	17	3814	3146
4	Institutional buildings ..	3	793	678	2	580	473	3	482	418
5	Others ..	1	40	34	..	..	..	..	..	..
	<b>Total</b> ..	<b>287</b>	<b>19514</b>	<b>16168</b>	<b>403</b>	<b>20784</b>	<b>17618</b>	<b>291</b>	<b>21040</b>	<b>17557</b>

TABLE 4-2—(cont.)

Sl. number	Type of building	1984			1985		
		A	B	C	A	B	C
		12	13	14	15	16	17
1	Dwellings						
	(a) Family quarters ..	1875	140051	114726	2136	183181	150156
2	(b) Non-family quarters ..	7	25679	20620	8	6321	5267
3	Industrial buildings ..	35	1956	1630	36	3846	3188
4	Commercial buildings ..	140	32113	26822	138	41686	34674
5	Institutional buildings ..	7	4081	3701	13	13609	11134
	Others ..	9	1256	980	9	7143	5724
	<b>Total</b> ..	<b>2073</b>	<b>205136</b>	<b>168479</b>	<b>2340</b>	<b>255786</b>	<b>210143</b>
	<b>ALTERATIONS/ADDITIONS</b>						
1	Dwellings						
	(a) Family quarters ..	258	16513	13671	228	14561	11820
2	(b) Non-family quarters ..	3	618	506	2	88	71
3	Industrial buildings ..	3	305	247	..	..	..
4	Commercial buildings ..	14	1712	1533	2	77	67
5	Institutional buildings ..	2	619	499	4	939	787
	Others ..	..	..	..	2	634	507
	<b>Total</b> ..	<b>280</b>	<b>19767</b>	<b>16456</b>	<b>238</b>	<b>16299</b>	<b>13252</b>

**TABLE 4-3**  
**New construction**  
**CALIGUT CORPORATION**

Sl. No.	Type of building	1981			1984			1985		
		A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11
1	Dwellings									
	(a) Family quarters ..	1433	114333	90793	1677	138778	112438	1001	83557	68014
	(b) Non-family quarters..	8	6181	4669	7	7177	5752	12	21431	17916
2	Industrial buildings ..	21	2124	1714	20	2229	1806	11	2768	2332
3	Commercial buildings ..	51	8146	6445	103	39604	32363	84	31900	26471
4	Institutional buildings ..	13	1919	1651	15	3062	2498	6	3963	3228
5	Others ..	3	189	141	25	1579	1304	18	1225	1012
	<b>Total</b> ..	<b>1529</b>	<b>132892</b>	<b>105413</b>	<b>1847</b>	<b>192429</b>	<b>156161</b>	<b>1132</b>	<b>144844</b>	<b>118973</b>
	<b>ALTERATIONS/ADDITIONS</b>									
1	Dwellings									
	(a) Family quarters ..	498	31245	25542	251	14211	11560	165	10166	8309
	(b) Non-family quarters..	2	209	159	4	1088	872	2	465	376
2	Industrial buildings ..	4	713	628	1	116	105	2	64	56
3	Commercial buildings ..	25	2626	2142	11	1029	836	9	965	832
4	Institutional buildings ..	10	1980	1604	2	92	75	2	542	487
5	Others ..	26	658	527	1	54	44	1	68	55
	<b>Total</b> ..	<b>565</b>	<b>37431</b>	<b>30602</b>	<b>270</b>	<b>16590</b>	<b>13492</b>	<b>181</b>	<b>12270</b>	<b>10115</b>

## PART V

## Average Annual Market Prices of Building Materials 1981 to 1985

TABLE 5.1

Commodity : Brick

Variety : I Class

Unit : 1000

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	195.00	222.50	245.00	275.00	351.25
Quilon ..	220.00	257.50	256.25	328.75	375.00
Alleppey ..	200.00	245.00	282.50	327.50	390.00
Kottayam ..	230.00	266.25	302.50	373.75	411.25
Idukki ..	238.33	313.75	400.00	525.00	620.00
Ernakulam ..	186.25	247.50	252.50	297.50	360.00
Trichur ..	375.00	387.50	406.25	418.75	475.00
Palghat ..	212.50	293.75	318.75	399.25	427.50
Malappuram ..	247.50	250.00	250.00	260.00	283.75
Kozhikode ..	1050.00	1125.00	1187.50	1280.00	1457.50
Wynad ..	..	258.33	276.25	310.00	315.00
Cannanore ..	900.00	950.00	1000.00	1162.50	1262.50

TABLE 5.2

Commodity: Sand (Medium)

Variety: River Sand

Unit: m<sup>3</sup>

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	29.11	30.50	38.00	60.00	71.00
Quilon ..	39.00	44.00	45.00	48.00	50.00
Alleppey ..	42.35	42.35	65.29	75.88	75.88
Kottayam ..	39.38	38.75	42.00	49.50	63.75
Idukki ..	..	25.00	28.00	31.75	41.25
Ernakulam ..	35.25	36.00	36.00	39.00	55.00
Trichur ..	53.63	54.00	54.00	54.00	57.75
Palghat ..	23.75	26.00	29.00	38.75	57.50
Malappuram ..	35.50	36.00	36.50	38.50	46.75
Kozhikode ..	52.50	55.00	63.75	70.00	85.00
Wynad ..	..	..	..	..	..
Cannanore ..	30.00	30.00	30.00	34.50	34.00

TABLE 5.3

Commodity: Stone ballast		Variety: 15 mm guage			Unit: m <sup>3</sup>	
Centres	1981	1982	1983	1984	1985	
1	2	3	4	5	6	
Trivandrum ..	74.78	75.00	79.50	119.19	149.75	
Quilon ..	98.75	125.00	137.50	148.00	175.00	
Alleppey ..	161.01	167.63	172.92	175.57	190.56	
Kottayam ..	..	..	..	..	..	
Idukki ..	46.00	110.00	110.00	117.50	160.00	
Ernakulam ..	91.25	101.00	115.00	136.25	162.50	
Trichur ..	93.69	125.00	140.00	140.00	170.75	
Palghat ..	92.60	107.50	..	..	190.00	
Malappuram ..	90.00	90.00	90.00	96.25	116.25	
Kozhikode ..	112.50	115.00	123.75	130.00	150.00	
Wynad ..	..	163.00	175.00	..	..	
Cannanore ..	135.00	140.00	150.00	175.00	219.00	

TABLE 5.4

Commodity: Stone ballast		Variety: 20 mm guage			Unit: m <sup>3</sup>	
Centres	1981	1982	1983	1984	1985	
1	2	3	4	5	6	
Trivandrum ..	69.26	70.00	74.25	111.30	135.00	
Quilon ..	91.25	110.00	117.50	125.00	153.75	
Alleppey ..	143.37	149.98	155.28	155.28	169.39	
Kottayam ..	112.00	119.00	130.00	130.00	164.00	
Idukki ..	79.13	103.00	105.00	108.75	150.00	
Ernakulam ..	70.50	74.25	80.00	98.75	120.00	
Trichur ..	91.03	122.50	135.00	135.00	161.25	
Palghat ..	75.00	100.00	125.00	141.25	165.00	
Malappuram ..	80.00	80.00	80.00	86.25	106.25	
Kozhikode ..	102.50	105.00	113.75	120.00	140.00	
Wynad ..	..	126.67	135.00	130.00	135.00	
Cannanore ..	118.75	120.00	125.00	141.25	194.33	

TABLE 5-5

Commodity: Stone ballast		Variety: 40 mm			Unit: m <sup>3</sup>	
Centres	1981	1982	1983	1984	1985	
1	2	3	4	5	6	
Trivandrum ..	54.88	55.00	59.50	100.95	125.00	
Quilon ..	71.25	80.00	82.50	90.00	116.25	
Alleppey ..	108.08	114.69	119.99	122.64	137.63	
Kottayam ..	87.50	87.50	90.00	90.00	108.75	
Idukki ..	64.75	72.50	70.00	73.75	83.50	
Ernakulam ..	..	..	..	..	..	
Trichur ..	85.97	115.00	125.00	125.00	145.50	
Palghat ..	50.00	76.25	85.00	87.50	106.25	
Malappuram ..	70.00	70.00	70.00	76.25	96.25	
Kozhikode ..	62.50	65.00	73.75	80.00	100.00	
Wynad ..	..	83.67	90.00	72.00	77.00	
Cannanore ..	83.75	85.00	87.50	102.00	143.18	

TABLE 5-6

Commodity: Lime		Variety: Slaked			Unit: m <sup>3</sup>	
Centres	1981	1982	1983	1984	1985	
1	2	3	4	5	6	
Trivandrum ..	143.00	150.75	168.75	186.25	220.00	
Quilon ..	120.00	120.00	125.00	125.00	126.25	
Alleppey ..	198.67	220.55	264.68	264.68	264.68	
Kottayam ..	189.00	218.90	240.00	240.00	240.00	
Idukki ..	124.88	114.41	110.00	110.00	110.00	
Ernakulam ..	106.25	118.75	125.00	130.00	147.50	
Trichur ..	300.00	300.00	345.00	358.00	380.00	
Palghat ..	282.50	542.00	587.50	612.50	702.50	
Malappuram ..	120.00	120.00	120.00	120.00	127.50	
Kozhikode ..	176.50	214.45	255.34	330.94	414.68	
Wynad ..	..	310.00	310.00	350.00	350.00	
Cannanore ..	272.00	272.00	331.25	371.25	459.00	

TABLE 5-7

Commodity: Lime		Variety: Unslaked			Unit: m <sup>3</sup>	
Centres		1981	1982	1983	1984	1985
1		2	3	4	5	6
Trivandrum	..	208·00	212·00	227·50	255·00	280·00
Quilon	..	145·00	105·00	150·00	150·00	151·25
Alleppey	..	335·25	352·90	352·90	352·90	352·90
Kottayam	..	341·25	406·00	406·00	491·88	577·75
Idukki	..	188·04	178·93	175·00	201·25	220·00
Ernakulam	..	136·25	145·00	150·00	157·50	177·50
Trichur	..	339·63	347·00	395·00	433·00	443·00
Palghat	..	362·50	784·00	..	..	670·00
Malappuram	..	185·00	185·00	185·00	185·00	192·50
Kozhikode	..	353·00	405·95	458·90	578·36	694·04
Wynad	..	..	350·00	350·00	550·00	550·00
Cannanore	..	544·00	544·00	577·00	711·30	831·50

TABLE 5-8

Commodity: Timber		Variety: Teak			Unit: m <sup>3</sup>	
Centres		1981	1982	1983	1984	1985
1		2	3	4	5	6
Trivandrum	..	8893·08	8893·08	10799·90	12204·16	15351·15
Quilon	..	7499·13	10851·68	12351·50	14035·55	15264·80
Alleppey	..	5293·50	5955·19	6837·44	8116·70	10587·00
Kottayam	..	4637·50	4725·00	6081·25	7350·00	12450·00
Idukki	..	..	..	..	..	15525·00
Ernakulam	..	7581·34	7833·96	11019·39	13288·39	15220·28
Trichur	..	6219·50	8175·00	10125·00	10600·00	11637·50
Palghat	..	3809·38	6330·71	6925·00	7237·50	7900·00
Malappuram	..	5062·50	5250·00	5712·50	6256·25	6625·00
Kozhikode	..	4802·16	4996·37	5374·30	5612·69	9748·99
Wynad	..	..	..	8750·00	9712·50	9775·00
Cannanore	..	5505·00	7546·25	8800·00	10165·00	10435·25

TABLE 5.9

Commodity: Timber		Variety: Jack			Unit: m <sup>3</sup>	
Centres		1981	1982	1983	1984	1985
1		2	3	4	5	6
Trivandrum	..	3176.10	3176.10	5479.75	5646.00	5699.23
Quilon	..	3617.23	4675.93	5117.05	5734.98	6087.88
Alleppey	..	2999.65	3396.66	4058.35	4765.15	5293.50
Kottayam	..	2012.50	2725.00	3850.00	4500.00	5400.00
Idukki	..	..	2733.33	2656.25	3950.00	6462.50
Ernakulam	..	3655.93	3824.48	4560.00	5245.00	5902.85
Trichur	..	3225.00	4225.00	6350.00	6351.10	6657.50
Palghat	..	2360.00	3650.64	4012.50	4450.00	4812.50
Malappuram	..	3337.50	3600.00	3829.00	4889.50	5625.00
Kozhikode	..	3919.39	4069.48	4290.15	4518.35	6043.26
Wynad	..	..	3176.10	3469.75	3995.00	4573.00
Cannanore	..	2835.00	3629.25	4423.50	5931.25	6373.00

TABLE 5.10

Commodity: Timber		Variety: Anjili			Unit: m <sup>3</sup>	
Centres		1981	1982	1983	1984	1985
1		2	3	4	5	6
Trivandrum	..	3811.32	3811.32	5479.75	5646.00	5699.24
Quilon	..	3529.00	4675.93	5117.05	5734.98	6087.88
Alleppey	..	2999.65	3396.66	4058.35	4764.15	5293.50
Kottayam	..	1715.00	2175.00	3550.00	4350.00	5400.00
Idukki	..	..	2733.33	2993.75	3962.50	6462.50
Ernakulam	..	3572.29	3690.35	4342.50	5015.00	5902.85
Trichur	..	3598.75	4118.33	6087.50	6350.00	6657.50
Palghat	..	..	3614.50	4550.00	4550.00	4800.00
Malappuram	..	..	..	..	..	..
Kozhikode	..	2859.71	2992.52	3230.85	3476.99	4940.54
Wayanad	..	..	3176.00	3469.75	4020.00	4575.00
Cannanore	..	2835.00	3629.25	4423.50	5931.25	6375.00



TABLE 5.11

Commodity: Timber

Variety: Mango planks

Unit: m<sup>3</sup>

Centres	1981	1982	1983	1984	1985
	1	2	3	4	5
Trivandrum ..	2117.40	2119.65	2420.00	2823.20	3564.29
Quilon ..	1455.70	2161.51	2779.09	2823.20	2823.20
Alleppey ..	1058.70	1191.04	1499.83	1852.73	2117.40
Kottayam ..	995.00	1050.00	1650.00	2133.33	..
Idukki ..	..	1433.33	1500.00	2000.00	2647.50
Ernakulam ..	1326.34	1569.09	2109.83	2657.50	3509.36
Trichur ..	..	2115.00	2470.00	2473.75	2806.25
Palghat ..	1073.13	1477.90	1725.00	2075.00	2212.50
Malappuram ..	1168.75	1225.00	1406.50	1797.00	2125.00
Kozhikode ..	1182.89	1306.47	1465.35	1694.35	2426.19
Wayanad ..	..	1529.23	1769.50	1892.50	2000.00
Cannanore ..	1468.00	1999.75	2118.75	2125.00	2487.50

TABLE 5.12

Commodity: Cement

Variety: Sankar Brand

Unit: M.T.

Centres	1981	1982	1983	1984	1985
	1	2	3	4	5
Trivandrum ..	691.30	1097.00	1418.55	1432.80	1560.30
Quilon ..	683.15	1150.45	1485.00	1590.00	1577.50
Alleppey ..	722.79	1351.20	1417.30	1452.40	1559.25
Kottayam ..	692.84	1433.25	1442.20	1450.60	1573.90
Idukki ..	756.70	1376.00	..	..	1600.00
Ernakulam ..	535.40	1315.00	1459.15	1534.25	1569.25
Trichur ..	690.15	1335.20	1420.25	1530.00	1565.00
Palghat ..	690.30	1340.00	1418.78	1512.07	1372.75
Malappuram ..	667.50	1300.00	1500.00	1625.00	1700.00
Kozhikode ..	689.35	1166.80	1409.90	1460.75	1576.25
Wynad ..	..	1360.00	1094.00	1143.00	1618.25
Cannanore ..	..	1348.33	1443.95	1600.00	1666.25

TABLE 5.13

Commodity: M.S. Round bars      Variety: 6 mm.      Unit: M.T.

Centres	1981	1982	1983	1984	1985
	1	2	3	4	5
Trivandrum	5584.00	5200.00	6019.00	6008.00	7475.00
Quilon	5449.50	5161.00	5413.50	5775.00	7350.00
Alleppey	5877.00	5500.00	5950.00	6250.00	7825.00
Kottayam	5537.50	5237.50	5550.00	5762.50	7387.50
Idukki	5650.00	5412.50	5662.50	6150.00	7625.00
Ernakulam	5448.00	5298.50	5280.00	5562.50	7290.00
Trichur	5331.50	5150.00	..	5783.33	7675.00
Palghat	5357.50	5269.33	5550.00	5580.00	7365.00
Malappuram	5700.00	5466.67	5720.00	6080.00	7150.00
Kozhikode	5125.00	5175.00	5600.00	5814.00	7300.00
Wayanad	..	5516.67	6045.00	6250.00	8250.00
Cannanore	5564.00	5226.00	5876.00	5616.00	7509.50

TABLE 5.14

Commodity: M.S. Round bars      Variety: 10 mm.      Unit: M.T.

Centres	1981	1982	1983	1984	1985
	1	2	3	4	5
Trivandrum	5425.00	5250.00	5637.50	5925.00	7850.00
Quilon	5212.50	5087.50	5375.00	5587.50	7375.00
Alleppey	5700.00	5500.00	5950.00	6250.00	7825.00
Kottayam	5287.50	5162.50	5450.00	5912.50	7387.50
Idukki	5200.00	5287.50	5450.00	6012.50	7537.50
Ernakulam	5075.75	5062.50	5252.00	5475.00	7354.50
Trichur	5183.25	5050.00	..	5766.67	7450.00
Palghat	5087.50	5127.00	5325.00	5500.00	7450.00
Malappuram	5525.00	5316.67	5616.00	5904.00	7050.00
Kozhikode	5100.00	5025.00	5400.00	5610.00	7287.50
Wayanad	..	5500.00	5900.00	6187.00	8250.00
Cannanore	5330.00	5096.00	5450.00	5400.00	7733.33

TABLE 5.15

Commodity: M.S. Round bars		Variety: 12 mm			Unit: M.T.	
Centres		1981	1982	1983	1984	1985
1	2	3	4	5	6	
Trivandrum	.. 5425.00	5275.00	5612.50	5912.50	7850.00	
Quilon	.. 5200.00	5075.00	5375.00	5550.00	7375.00	
Alleppey	.. 5700.00	5500.00	5950.00	6250.00	7825.00	
Kottayam	.. 5287.50	5152.50	5800.00	5862.50	7387.50	
Idukki	.. 5175.00	5275.00	5400.00	5987.50	7525.00	
Ernakulam	.. 5100.00	6050.00	5000.00	5425.00	7247.00	
Trichur	.. 5183.25	5050.00	..	5816.67	7450.00	
Palghat	.. 5050.00	5033.33	5325.00	5487.50	7400.00	
Malappuram	.. 5525.00	5266.67	5564.00	5891.00	7050.00	
Kozhikode	.. 5100.00	5025.00	5400.00	5610.00	7225.00	
Wynad	.. ..	5266.67	5900.00	6187.50	8250.00	
Cannanore	.. 5100.00	5135.00	5525.00	5400.00	7825.00	

TABLE 5.16

Commodity: M.S. Flat iron		Variety: 30 x 12 mm.			Unit: M.T.	
Centres		1981	1982	1983	1984	1985
1	2	3	4	5	6	
Trivandrum	.. 5705.00	5600.00	5762.50	6025.00	7425.00	
Quilon	.. 5525.00	5362.50	5475.00	5875.00	7500.00	
Alleppey	.. 5700.00	5500.00	5950.00	6250.00	7825.00	
Kottayam	.. 5587.50	5512.50	5650.00	6262.50	7712.50	
Idukki	.. 5600.00	5083.33	5350.00	6012.50	7687.50	
Ernakulam	.. 5341.00	5283.33	5425.00	5775.00	7485.00	
Trichur	.. 5760.00	5400.00	..	6083.33	7333.33	
Palghat	.. 5469.33	..	..	..	7500.00	
Malappuram	.. 6260.00	..	..	..	7100.00	
Kozhikode	.. 5216.67	5300.00	5600.00	5814.00	7850.00	
Wynad	.. ..	6750.00	6750.00	..	8666.67	
Cannanore	.. 5743.50	5431.00	6660.00	6125.00	7935.50	

TABLE 5.17

Commodity: Angle iron

Variety: 25 × 25 × 5 mm. Unit: M.T.

Centres	1981	1982	1983	1984	1985
	1	2	3	4	5
Trivandrum ..	5731.00	5600.00	5805.00	5887.50	7375.00
Quilon ..	5450.00	5362.50	5475.00	5800.00	7325.00
Alleppey ..	5700.00	5500.00	5950.00	6250.00	7825.00
Kottayam ..	5662.50	5650.00	5850.00	6500.00	7712.50
Idukki ..	5950.00	5637.50	5487.50	6025.00	7912.50
Ernakulam ..	5536.93	5300.00	5611.00	5990.00	7698.00
Trichur ..	5623.80	5400.00	..	6112.50	7675.00
Palghat ..	5717.00	..	6500.00	5975.00	7800.00
Malappuram ..	6000.00	..	..	..	7200.00
Kozhikode ..	5566.67	5425.00	5500.00	5764.00	7750.00
Wynad ..	..	6150.00	6666.67	6625.00	8666.67
Cannanore ..	5954.00	5658.00	5760.00	6130.00	8230.00

TABLE 5.18

Commodity: Binding wires

Variety: 22 mm. (Galvanized) Unit: M.T.

Centres	1981	1982	1983	1984	1985
	1	2	3	5	6
Trivandrum ..	12445.00	12100.00	13000.00	13125.00	15250.00
Quilon ..	12625.00	12125.00	12300.00	12375.00	15562.50
Alleppey ..	12863.00	14000.00	14000.00	14000.00	15375.00
Kottayam ..	9750.00	9250.00	11560.00	12500.00	13000.00
Idukki ..	14000.00	12000.00	11000.00	13625.00	17500.00
Ernakulam ..	10400.00	10680.00	10600.00	11450.00	12875.00
Trichur ..	11500.00	13000.00	..	12750.00	14375.00
Palghat ..	9965.30	12000.00	10875.00	9125.00	10950.00
Malappuram ..	13156.67	14000.00	14000.00	14000.00	16500.00
Kozhikode ..	..	..	..	9000.00	11000.00
Wynad ..	..	10866.67	15000.00	11666.67	12500.00
Cannanore ..	11458.75	13592.00	11145.00	10000.00	11075.00

TABLE 5-19

Commodity: Asbestos cement sheets corrugated

Unit: M.T.

Centres	1981	1982	1983	1984	1985
	1	2	3	4	5
Trivandrum ..	3584.36	..	4829.95	4861.25	5195.04
Quilon ..	3870.00	4839.77	4540.42	4073.88	4424.94
Alleppey ..	3384.31	4247.24	4087.86	4170.47	4493.68
Kottayam ..	3704.63	4578.75	4599.44	4215.87	4557.55
Idukki ..	3092.50	3457.50	3400.00	3450.00	3962.50
Ernakulam ..	3456.00	3740.63	3871.88	3945.00	4305.00
Trichur ..	4072.58	4531.00	4379.00	4379.00	4610.50
Palghat ..	3004.38	4080.00	4412.00	4412.00	4412.00
Malappuram ..	3516.25	4350.00	4350.00	4350.00	4900.00
Kozhikode ..	3623.75	4223.70	4420.00	4420.00	5132.40
Wynad ..	..	3739.40	4117.00	4000.00	4100.00
Cannanore ..	3540.00	4478.84	4563.23	4661.10	4860.67

TABLE 5-20

Commodity: Asbestos cement sheets

Variety: Plain

Unit: M.T.

Centres	1981	1982	1983	1984	1985
	1	2	3	4	5
Trivandrum ..	4189.11	..	5758.09	5764.55	6119.01
Quilon ..	3845.00	4834.00	4558.33	4618.93	4498.29
Alleppey ..	4000.00	5117.39	5000.23	5022.77	5419.37
Kottayam ..	4517.72	5686.52	5519.80	5108.37	5364.65
Idukki ..	3245.00	3875.00	4025.00	4025.00	4381.25
Ernakulam ..	2692.50	4591.25	4830.63	4935.00	5600.00
Trichur ..	4351.00	4946.50	4817.00	4817.00	4881.00
Palghat ..	3594.97	3916.80	3916.80	3916.80	3916.80
Malappuram ..	4612.50	5150.00	5150.00	5150.00	5450.00
Kozhikode ..	4302.85	5076.00	5287.50	5173.54	6011.18
Wynad ..	..	3176.85	5075.00	5420.00	5420.00
Cannanore ..	4051.35	5326.32	5628.50	5676.17	5795.60

TABLE 5-21

Commodity: Tiles (Roofing)

Variety: Manglore

Unit: 1000 Nos.

Centres	1981	1982	1983	1984	1985
	2	3	4	5	6
Trivandrum ..	969.94	998.75	1108.75	1149.75	1381.25
Quilon ..	886.00	994.34	1023.35	1088.34	1325.00
Alleppey ..	925.00	1000.00	1018.75	1156.25	1387.50
Kottayam ..	1020.63	1100.00	1100.00	1250.00	1412.50
Idukki ..	1243.75	1300.00	..	..	..
Ernakulam ..	1050.00	1125.00	1237.50	1262.50	1575.00
Trichur ..	825.00	862.50	850.00	887.50	1012.50
Palghat ..	1363.41	1530.81	1582.38	1611.51	1796.14
Malappuram ..	1580.00	1580.00	1595.00	1662.50	2037.50
Kozhikode ..	1490.00	1540.00	1590.00	1690.00	1965.00
Wynad ..	..	1526.67	1745.00	1770.00	2073.33
Cannanore ..	1400.00	1375.00	1400.00	1700.00	1950.00

TABLE 5-22

Commodity: Paints and varnishes

Variety: Spl. paint for wood and steel work.

Unit: 1 litre

Centres	1981	1982	1983	1984	1985
	2	3	4	5	6
Trivandrum ..	41.75	42.50	47.26	49.86	65.71
Quilon ..	45.00	47.00	49.50	51.80	53.30
Alleppey ..	42.50	44.00	47.00	49.50	52.88
Kottayam ..	41.50	41.88	44.00	45.38	50.50
Idukki ..	40.00	40.00	40.50	46.00	51.25
Ernakulam ..	45.18	47.20	49.00	52.46	52.88
Trichur ..	42.31	46.00	46.00	48.00	50.00
Palghat ..	44.75	48.00	50.00	52.00	53.25
Malappuram ..	48.38	50.00	51.88	54.63	57.75
Kozhikode ..	49.89	53.73	54.50	55.00	56.25
Wynad ..	..	26.00	37.80	48.68	54.81
Cannanore ..	37.20	39.48	40.83	42.66	46.13

TABLE 5-23

Commodity: Paints and Varnishes

Variety: Varnish paint (Shalimar)

Unit: 1 litre

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	35.81	33.75	30.00	..	41.90
Quilon ..	35.00	36.50	38.50	40.00	41.50
Alleppey ..	45.15	..	..	..	..
Kottayam ..	..	..	..	..	..
Idukki ..	39.00	..	..	..	28.00
Ernakulam ..	..	31.75	32.00	33.59	38.45
Trichur ..	18.00	18.00	18.50	26.50	33.00
Palghat ..	25.00	28.00	30.00	30.00	31.25
Malappuram ..	19.00	20.00	21.88	24.38	28.38
Kozhikode ..	33.43	36.43	36.50	37.20	39.75
Wynad ..	..	..	20.00	19.75	22.00
Cannanore ..	18.88	19.00	22.00	22.00	22.67

TABLE 5-24

Commodity: Paints and varnishes

Variety: Copal varnish

Unit: 1 litre

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	24.01	26.15	27.30	29.69	31.39
Quilon ..	22.61	30.40	34.50	32.00	32.04
Alleppey ..	21.81	23.38	23.56	29.19	31.42
Kottayam ..	23.65	25.04	25.95	26.97	32.36
Idukki ..	17.50	18.00	..	24.00	24.75
Ernakulam ..	25.45	26.75	28.50	30.63	32.50
Trichur ..	25.00	25.00	25.00	18.50	18.46
Palghat ..	27.00	28.00	29.50	30.00	31.25
Malappuram ..	27.50	27.50	30.50	32.50	39.63
Kozhikode ..	27.55	30.38	30.88	32.41	35.19
Wynad ..	..	28.00	29.75	31.19	34.25
Cannanore ..	22.69	13.50	15.13	16.75	23.13

TABLE 5.25

Commodity: Paints and varnishes

Variety: Turpentine

Unit: Litre

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	14.03	16.05	17.88	19.50	19.50
Quilon ..	16.69	17.65	21.35	22.00	23.50
Alleppey ..	17.10	18.31	18.45	18.76	20.66
Kottayam ..	18.15	18.62	19.43	20.25	23.92
Idukki ..	10.50	10.38	10.50	..	10.33
Ernakulam ..	12.63	17.00	18.38	19.54	22.00
Trichur ..	8.00	8.00	8.00	9.50	10.00
Palghat ..	11.00	9.00	9.00	9.00	10.00
Malappuram ..	9.75	10.50	10.50	11.75	12.00
Kozhikode ..	10.50	10.50	10.50	10.50	12.00
Wynad ..	..	8.17	11.56	21.19	22.71
Cannanore ..	12.05	8.50	12.75	8.44	9.06

TABLE 5.26

Commodity: Paints and varnishes

Variety: Distemper

Unit: Kg.

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	17.00	17.00	10.00	14.00	14.00
Quilon ..	18.00	16.50	18.00	18.00	15.50
Alleppey ..	16.10	18.10	..	..	..
Kottayam ..	..	..	..	..	..
Idukki ..	..	..	..	..	..
Ernakulam ..	13.64	16.63	18.00	20.50	21.13
Trichur ..	11.38	11.50	11.50	11.50	15.00
Palghat ..	15.00	16.00	20.00	20.00	20.00
Malappuram ..	9.75	10.00	11.50	12.00	14.75
Kozhikode ..	10.00	10.00	12.48	21.20	..
Wynad ..	..	18.75	20.13	20.59	21.00
Cannanore ..	..	..	..	..	18.45



TABLE 5-27

Commodity: Paints and varnishes Variety: Oil bound distemper  
Unit: 5 kg.

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	73.31	77.50	90.25	97.25	101.68
Quilon ..	82.50	87.50	95.00	100.00	103.75
Alleppey ..	75.15	85.25	88.85	90.00	97.50
Kottayam ..	..	75.00	85.00	92.50	103.75
Idukki ..	76.05	69.56	76.00	84.00	103.75
Ernakulam ..	77.83	84.50	84.50	87.74	95.49
Trichur ..	71.50	78.00	79.75	85.00	88.75
Palghat ..	80.54	85.00	90.00	92.00	100.00
Malappuram ..	76.13	80.88	86.88	93.13	108.00
Kozhikode ..	78.75	89.30	91.60	94.83	100.38
Wynad ..	..	83.00	85.25	91.00	100.00
Cannanore ..	75.63	75.00	77.19	88.81	93.13

TABLE 5-28

Commodity: Sheet glass Variety: 2mm  
Unit: m<sup>2</sup>

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	35.50	36.50	34.31	46.27	47.60
Quilon ..	39.67	39.67	39.67	40.00	45.23
Alleppey ..	32.43	39.17	41.97	45.25	59.18
Kottayam ..	35.00	38.75	40.00	41.25	46.88
Idukki ..	43.04	30.27	27.80	48.00	50.00
Ernakulam ..	44.89	44.90	44.90	46.48	47.50
Trichur ..	43.04	..	..	43.00	43.00
Palghat ..	34.63	35.00	37.08	39.83	44.50
Malappuram ..	37.38	37.80	37.50	37.50	38.88
Kozhikode ..	..	..	..	..	..
Wynad ..	..	38.00	39.50	47.00	54.25
Cannanore ..	44.76	44.76	46.59	52.46	48.61

TABLE 5-29

Commodity: Sanitary wares Variety: S.W. Pipes (100 mm.) Unit: 2 feet

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	9.11	10.34	11.08	11.30	12.76
Quilon ..	9.50	10.00	10.50	12.00	12.00
Alleppey ..	9.25	10.75	11.50	12.00	12.00
Kottayam ..	8.88	9.50	10.00	10.75	11.00
Idukki ..	10.78	10.00	9.00	12.00	11.25
Ernakulam ..	9.10	10.50	10.50	10.88	10.75
Trichur ..	11.50	11.50	10.00	10.13	10.50
Palghat ..	12.00	12.00	12.75	14.00	14.00
Malappuram ..	11.13	12.50	12.88	13.00	13.00
Kozhikode ..	11.25	12.38	12.50	13.00	13.50
Wynad ..	..	11.50	11.63	12.50	12.50
Cannanore ..	11.38	12.00	12.00	12.50	12.50

TABLE 5-30

Commodity: Sanitary wares Variety: S.W. Pipe (150 mm.) Unit: 2 feet

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	19.58	19.58	20.38	20.46	23.52
Quilon ..	15.63	20.00	20.50	22.00	22.00
Alleppey ..	16.00	16.50	16.67	22.00	22.00
Kottayam ..	16.50	16.50	17.00	20.00	21.00
Idukki ..	14.42	..	..	..	20.00
Ernakulam ..	14.50	16.00	17.00	18.00	20.50
Trichur ..	18.70	24.38	24.50	24.50	18.00
Palghat ..	20.00	19.67	20.50	22.00	22.00
Malappuram ..	..	17.50	19.00	21.75	23.88
Kozhikode ..	..	..	..	19.75	19.50
Wynad ..	..	21.67	22.13	26.03	24.75
Cannanore ..	17.13	17.40	17.44	..	26.67

TABLE 5-31

Commodity: Sanitary wares Variety: A.C. Pipes (100 mm.) Unit: \$m.

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	79.67	105.56	112.02	75.79	65.40
Quilon ..	81.35	106.31	102.86	66.49	66.95
Alleppey ..	71.29	97.13	60.77	57.09	56.22
Kottayam ..	76.20	105.56	113.25	56.05	52.29
Idukki ..	39.00	41.67	45.00		
Ernakulam ..	78.00	98.61	104.14	106.00	58.75
Trichur ..	69.13	96.69	104.39	79.70	64.02
Palghat ..	70.00	83.67	66.60		
Malappuram ..	33.13	40.00	43.38	44.50	44.50
Kozhikode ..	74.26	103.00	120.00	120.00	79.05
Wynad ..	..	94.00	79.00	116.00	116.00
Cannanore ..	73.13	89.16	103.50	94.34	50.34

TABLE 5-32

Commodity: Sanitary wares Variety: A.C. Pipe (150 mm.) Unit: \$m.

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	123.05	158.76	173.45	132.67	126.53
Quilon ..	125.05	180.93	168.87	126.02	125.88
Alleppey ..	89.73	149.02	84.04	100.61	113.58
Kottayam ..	135.42	163.42	175.38	100.85	99.33
Idukki ..	54.00	91.67	95.00		
Ernakulam ..	120.00	144.38	152.50	152.50	105.27
Trichur ..	106.61	149.96	158.60	131.80	103.00
Palghat ..	100.00	129.67	122.20		
Malappuram ..	64.25	85.00	90.63	92.50	92.50
Kozhikode ..	128.55	157.99	166.50	166.50	136.50
Wynad ..	..	110.00	178.40	178.40	178.50
Cannanore ..	105.50	132.15	158.72	168.33	99.50

TABLE 5-33

Commodity: Sanitary wares Variety: Sink-white without fittings Unit: one

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	625.60	625.60	668.75	596.25	625.00
Quilon ..	680.00	680.00	680.00	680.00	680.00
Alleppey ..	..	..	..	..	..
Kottayam ..	734.90	745.20	..	615.47	618.85
Idukki ..	..	420.00	420.00	433.75	606.25
Ernakulam ..	575.90	661.38	785.50	751.50	751.50
Trichur ..	571.00	661.67	707.00	707.00	745.50
Palghat ..	576.00	650.00	675.00	727.91	860.82
Malappuram ..	570.00	580.00	635.50	650.00	791.25
Kozhikode ..	649.15	661.20	682.63	711.98	762.80
Wynad ..	..	611.67	673.90	709.50	730.00
Cannanore ..	401.13	475.10	708.52	728.85	799.40

TABLE 5-34

Commodity: Sanitary wares Variety: Sink-white with fittings Unit: one

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	..	..	757.50	696.25	785.00
Quilon ..	803.60	817.20	817.20	818.60	820.00
Alleppey ..	..	..	..	..	..
Kottayam ..	825.20	870.06	..	720.31	742.00
Idukki ..	..	950.00	950.00	883.75	743.75
Ernakulam ..	688.10	791.38	915.50	881.69	881.68
Trichur ..	704.50	778.00	832.75	835.00	828.33
Palghat ..	651.00	650.00	741.67	..	..
Malappuram ..	691.67	700.00	756.25	775.00	891.25
Kozhikode ..	694.75	707.85	729.50	760.00	840.00
Wynad ..	..	716.67	828.25	850.00	877.50
Cannanore ..	..	848.25	860.43	..	..

## B. Wages of Building Labour

TABLE 5-35

Type of Labour: Mason	First class			Rate: Rs./day	
Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	23.00	27.00	31.75	36.38	39.75
Quilon ..	25.25	30.00	34.50	38.50	45.00
Alleppey ..	25.00	31.25	35.00	35.00	35.00
Kottayam ..	27.25	30.00	34.25	37.25	39.00
Idukki ..	25.00	33.75	35.00	35.00	45.00
Ernakulam ..	25.75	28.50	31.75	36.50	40.00
Trichur ..	33.75	35.00	38.75	42.50	45.00
Palghat ..	18.75	23.00	25.50	30.25	32.00
Malappuram ..	26.25	30.00	37.50	40.00	40.00
Kozhikode ..	28.75	35.00	43.75	45.00	45.00
Wynad ..	..	36.00	38.50	40.00	41.25
Cannanore ..	25.00	30.00	35.00	36.50	40.00

TABLE 5-36

Type of Labour: Mason	Second class			Rate: Rs./day	
Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	19.00	22.00	26.25	30.00	32.75
Quilon ..	20.75	27.50	30.50	33.50	40.00
Alleppey ..	23.00	28.25	32.00	32.00	33.50
Kottayam ..	23.75	25.00	29.25	32.25	34.00
Idukki ..	22.00	35.00	35.00	35.00	40.00
Ernakulam ..	22.75	25.25	28.50	33.50	37.25
Trichur ..	28.75	30.00	33.75	37.50	40.00
Palghat ..	17.00	20.50	23.50	28.75	30.00
Malappuram ..	21.25	25.00	32.50	35.00	35.00
Kozhikode ..	23.75	30.00	38.75	40.00	40.00
Wynad ..	..	30.67	32.00	35.00	36.25
Cannanore ..	22.00	27.00	30.00	31.50	35.00

TABLE 5-37

Type of labour: Carpenter First class Rate: Rs./day

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	26.25	30.00	32.25	39.25	41.75
Quilon ..	24.75	30.00	33.75	38.25	45.00
Alleppey ..	25.00	31.25	35.00	35.00	35.00
Kottayam ..	27.25	30.00	34.25	37.75	40.00
Idukki ..	25.00	33.75	35.00	35.00	45.00
Ernakulam ..	25.25	26.50	30.25	36.50	40.00
Trichur ..	29.25	35.00	38.75	42.50	45.00
Palghat ..	18.75	22.25	25.50	30.25	32.00
Malappuram ..	26.25	30.00	37.50	40.00	40.00
Kozhikode ..	28.75	35.00	43.75	45.00	45.00
Wynad ..	..	36.00	38.50	43.75	45.00
Cannanore ..	25.00	30.00	35.00	36.50	40.00

TABLE 5-38

Type of Labour: Carpenter Second class Rate: Rs./day

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	22.25	24.75	26.50	31.88	34.25
Quilon ..	20.25	25.50	29.75	33.25	40.00
Alleppey ..	23.00	28.25	32.00	32.00	34.25
Kottayam ..	23.75	25.00	29.75	32.75	34.00
Idukki ..	22.00	35.00	35.00	35.00	40.00
Ernakulam ..	22.00	22.75	27.00	31.50	35.00
Trichur ..	25.00	30.00	33.75	37.50	40.00
Palghat ..	17.00	20.00	23.00	27.50	30.00
Malappuram ..	21.75	25.00	32.50	35.00	35.00
Kozhikode ..	23.75	30.00	37.50	40.00	40.00
Wyaad ..	..	30.67	32.00	35.00	36.25
Cannanore ..	22.00	26.00	30.00	31.50	35.00

TABLE 5.39

Type of Labour: Unskilled worke —Male Rate: Rs./day

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	16.00	18.00	18.00	22.25	24.75
Quilon ..	15.00	19.25	22.00	23.50	25.00
Alleppey ..	15.00	20.00	20.00	20.00	23.63
Kottayam ..	13.75	15.00	19.50	20.00	21.00
Idukki ..	14.75	21.00	23.00	23.00	24.00
Ernakulam ..	15.00	16.50	19.00	21.00	25.00
Trichur ..	18.75	20.00	23.75	27.50	30.00
Palghat ..	11.25	13.00	15.50	17.75	18.50
Malappuram ..	17.75	20.00	24.25	25.00	25.00
Kozhikode ..	19.50	22.50	27.50	30.00	30.00
Wayanad ..	..	16.00	18.00	20.00	20.50
Cannanore ..	18.00	19.00	20.00	21.50	28.75

TABLE 5.40

Type of Labour: Unskilled wor er—Female Rate: Rs./day

Centres	1981	1982	1983	1984	1985
1	2	3	4	5	6
Trivandrum ..	13.00	14.75	15.00	17.75	19.75
Quilon ..	13.50	16.50	19.75	21.38	22.00
Alleppey ..	13.00	18.80	18.00	18.00	20.00
Kottayam ..	11.75	12.00	16.25	18.00	19.00
Idukki ..	11.38	14.50	15.25	17.50	18.00
Ernakulam ..	12.50	12.25	13.50	14.50	16.00
Trichur ..	14.25	15.00	17.25	19.00	20.00
Palghat ..	7.63	8.75	10.00	11.75	12.75
Malappuram ..	10.50	12.00	17.25	18.00	19.50
Kozhikode ..	13.50	17.00	22.50	25.00	25.00
Wayanad ..	..	13.00	13.50	15.00	15.00
Cannanore ..	13.00	13.00	13.00	14.75	20.00

## C. Building cost index number in Kerala (Group Index)

TABLE 5-41

Centre: Trivandrum

Base year: 1971

Group	1981	1982	1983	1984	1985
1	2	3	4	5	6
A. Materials ..	325	373	496	539	604
B. Labour ..	292	335	361	428	469
C. Water supply and sanitary fittings ..	267	296	336	381	408
D. Electrical fittings ..	309	312	333	367	393
General Index ..	313	360	449	497	553



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