



GOVERNMENT OF KERALA

**BROCHURE ON  
HOUSING STATISTICS  
1982**

*ISSUED BY*

**THE DIRECTORATE OF  
ECONOMICS AND STATISTICS**

*PREPARED BY*

**THE HOUSING AND  
LABOUR DIVISION**

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## FOREWORD

Housing has assumed immense importance in the wake of the rapid growth of population. Concerted efforts are being made from every quarter to meet the housing needs.

Sufficient Statistics on Housing, Building and Construction Activities are not available at present. This is a handicap in the formulation of realistic Housing policies at the State and National levels. With a view to filling up this gap, Housing Statistics Cells have been organised in the various States at the instance of the National Buildings Organisation, Government of India.

This Publication presents data on building activities, prices of building materials and wages of labour in this sector. In addition to these, data revealing some of the salient features of housing conditions in the State have also been presented in different tables in this brochure.

It is my earnest hope that this publication will throw some light on the house construction activities in Kerala and will be much useful to Planners and Researchers.

This brochure was prepared by Smt. Lillykutty K. Varghese, Research Officer, and Shri E.S. Ramachandran Nair, and Shri J. Dasayyan, Research Assistants assisted by Shri S. Ramachandran Nair and Shri M. Balakrishnan Nair, Compilers, under the guidance and supervision of Shri C. R. Parameswaran, Assistant Director, and Shri T. Janardhana Menon, Deputy Director.

Trivandrum,  
15-6-1982.

DR. R. S. KURUP,  
*Director,*  
*Directorate of Economics & Statistics.*



## INTRODUCTION

Every human being has the aspiration to have a house of his own. Through the ages, Man has developed comfortable types of houses. Thanks to the advancement of science and technology more and more comforts are added on to the structures. While the affluent section try to spend more and more money on their structures to exhibit their pride and power in the Society, there are attempts from some quarters to develop methods of cheap construction intended for the economically backward classes of our Society.

Up-to-date information on housing and construction activities, as well as the prices of building materials and wages of building labour, are highly essential for the formulation of housing policies, but their availability is at present limited. With a view to reducing this gap, this publication is prepared and released.

The Housing Statistics Cell in the Directorate of Economics and Statistics in Kerala was set up in 1967. A three tier system has been adopted in the State for the collection of housing Statistics— one unit each in the P.W.D., in the Directorate of Municipalities and a Co-ordinating Unit in the Directorate of Economics and Statistics. The Unit in the P.W.D. collects Statistics on building construction activities in the Public Sector undertaken by the P.W.D. and the unit in the Directorate of Municipalities collects data on building construction activities in the private sector from all Municipalities. The Housing Cell in the Directorate of Economics & Statistics collects such data directly from the three Municipal Corporations in the State and process the data. This cell also Co-ordinates the work in the other two cells and transmits the data to the National Buildings Organisation, New Delhi after proper Scrutiny and consolidation. Apart from the Statistics on Building activities, this cell collects market prices of building materials and wages of building labour from selected centres in each revenue district headquarters in Kerala on a quarterly basis and sends them to the National Buildings Organisation, regularly.

A Brochure on Housing Statistics was published by the Labour and Housing Division of the Directorate of Economics and Statistics in December 1974. This brochure is on similar lines but with some more information. Attempts have been made to collect as much details as possible.

### 2. *The Structure of the Brochure*

General information like population (1981), density of population, sex-ratio, number of States, literacy rate and decadal growth-rate of population have been furnished for India under the title "Figures at a Glance", as it is felt that they will be useful for general reference. Similar information in respect of Kerala have also been presented in addition to the number of revenue districts, taluks, villages, Municipalities, Townships, Corporations, Panchayats and N.E.S. Blocks.

Part I of the Brochure contains census data on Housing Statistics in Kerala. The Housing Statistics of 1981 census are not yet ready; it is learnt that it may take a long time to get the same released. So, the 1971 census figures have been incorporated. Two tables (1.13 and 1.14) presenting percentage distribution of figures on housing conditions, types of houses and primary facilities of houses have been included in this part, prepared on the basis of Report on "Employment and Housing Survey 1980", conducted by this Directorate. This will give some of the salient features of the Housing condition in the State.

Part II contains statistics on House Building activities in the public sector (P.W.D.) in Kerala (for the work costing Rs. 20,000 and over) for the period from 1972-73 to 1979-80.

Part III contains similar statistics relating to private sector in Kerala, separately for each Municipality for the period, 1972 to 1980.

Part IV contains the same type of data separately for the three Municipal corporations for the period from 1971-1980.

Part V of the Brochure contains data on prices of building materials and wages of Building Labour in Kerala for the period 1972-80. The Building cost Index Numbers for the years 1972-1980 for Trivandrum with 1971 as the base year are also presented. The indices for different groups viz., materials, labour, water supply, sanitary fittings and Electrical fittings and the general indices may reveal the exorbitant rise in the cost of construction of buildings.

### 3. Coverage

1. Housing Statistics of all constructions undertaken in the private sector as well as agencies like Housing Board are furnished by the Municipalities and Corporations in respect of urban areas, on a quarterly basis.

2. Statistics on building construction activities in the public sector costing Rs. 20,000 and above are furnished for every half year by the state public works department.

3. Prices of building materials and wages of building labour are collected quarterly from all district headquarters by this Directorate.

4. Building cost Index Numbers are worked out at present only for Trivandrum centre with 1971 as base year.

### 4. Limitations

1. Statistics on petty constructions in the public sector undertaken by the P.W.D. and costing less than Rs. 20,000 are not collected as per the suggestions of the National Buildings Organisation.

2. Housing and Building Statistics in the private sector pertaining to Rural Areas are not collected at present. It is a handicap in the matter of coverage of data, that the housing and Building statistics in respect of private sector pertaining to Rural Areas are not being collected now. The data from the Rural Sector, which may contribute the major portion, cannot be ignored. The National Buildings Organisation and the Central Statistical Organisation have felt its importance and they are of the opinion that Housing data from the Rural areas should also be collected.

Arrangements are to be made to collect the Housing data for the Rural Areas also at the panchayat level even by making legislations.

3. Building Cost Index Numbers for Trivandrum only are constructed. It is necessary to compute the Index Numbers for all the District headquarters.

(Sd.)

Director.



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Table	Details of Buildings Sanctioned	Municipality
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3.2	Do.	Nedumangad
3.3	Do.	Varkala
3.4	Do.	Attingal
3.5	Do.	Quilon
3.6	Do.	Punalur
3.7	Do.	Pathanamthitta
3.8	Do.	Kayamkulam
3.9	Do.	Mavelikara
3.10	Do.	Chengannur
3.11	Do.	Thiruvalla
3.12	Do.	Alleppey
3.13	Do.	Shertallai
3.14	Do.	Kottayam
3.15	Do.	Changanacherry
3.16	Do.	Palai
3.17	Do.	Vaikom
3.18	Do.	Thodupuzha
3.19	Do.	Muvattupuzha
3.20	Do.	Kothamangalam
3.21	Do.	Perumbavoor
3.22	Do.	Parur
3.23	Do.	Thrippunithura
3.24	Do.	Alwaye
3.25	Do.	Trichur
3.26	Do.	Kunnamkulam
3.27	Do.	Guruvayoor
3.28	Do.	Chavakkad
3.29	Do.	Angamaly
3.30	Do.	Kodungalloor
3.31	Do.	Chalakydy
3.32	Do.	Irinjalakuda
3.33	Do.	Shornur
3.34	Do.	Palghat
3.35	Do.	Chittoor-Thathamangalam
3.36	Do.	Ponnani
3.37	Do.	Manjeri
3.38	Do.	Tirur
3.39	Do.	Malappuram
3.40	Do.	Badagara
3.41	Do.	Tellicherry
3.42	Do.	Cannanore
3.43	Do.	Kasargode

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4.1	Details of Buildings sanctioned	Corporation	Trivandrum
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4.3	Do.		Calicut

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Building cost Index number (1972-1980)**

Table

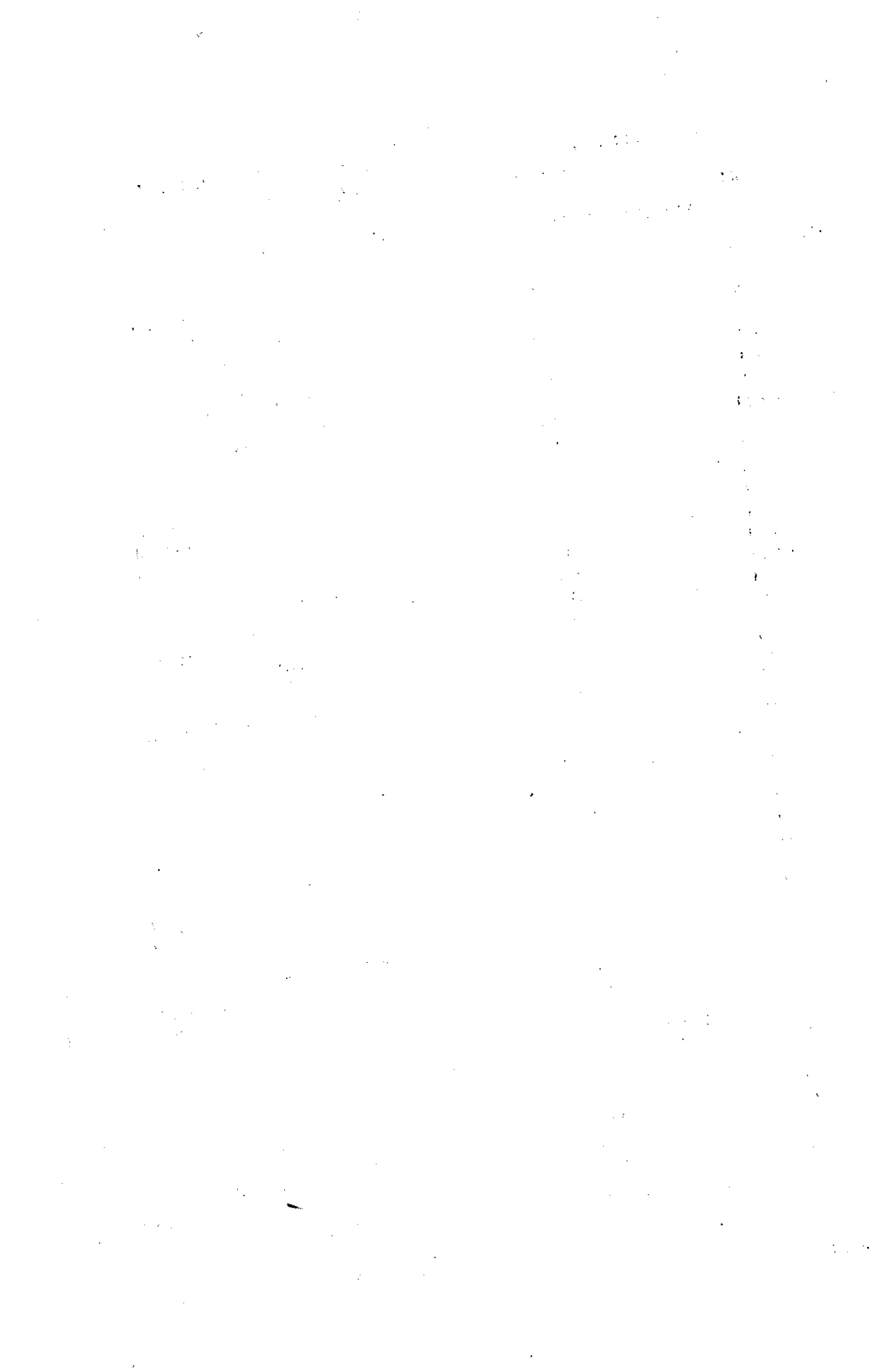
5.1	Average annual Market prices of building Materials	Bricks
5.2	Do.	Sand
5.3	Do.	Stone Ballast (15 mm)
5.4	Do.	„ (20 mm)
5.5	Do.	„ (40 mm)
5.6	Do.	Lime (Slaked)
5.7	Do.	„ (Unslaked)
5.8	Do.	Timber (Teak)
5.9	Do.	„ (Jack)
5.10	Do.	„ (Anjily)
5.11	Do.	„ Mango planks
5.12	Do.	Cement
5.13	Do.	M.S. Round Bars (6 mm)
5.14	Do.	„ (10 mm)
5.15	Do.	„ (12 mm)
5.16	Do.	M.S. Flat Iron
5.17	Do.	Angle Iron
5.18	Do.	Binding wire
5.19	Do.	Asbestos cement sheets (corrugated)
5.20	Do.	Asbestos plain
5.21	Do.	Tiles
5.22	Do.	Paints and varnishes (for wood and steel work)
5.23	Do.	Paints (varnish paints)
5.24	Do.	„ (Gopal varnish)
5.25	Do.	Paints (Turpentine)
5.26	Do.	„ (Distemper)
5.27	Do.	Oil bound distemper
5.28	Do.	Sheet glass
5.29	Do.	Sanitary wares
5.30	Do.	„ (S.W.pipes 100 mm)
5.31	Do.	„ (S.W.pipes 150 mm)
5.32	Do.	A.C. pipes (100 mm)
5.33	Do.	„ (150 mm)
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## FIGURES AT A GLANCE

## Census of India 1981—Provisional Population Totals

## INDIA

Population *('000)	Total	6,83,810
	Males	3,53,347
	Females	3,30,463
Decadal growth rate 1971-81		+24.75%
Sex Ratio		935 females per 1,000 males
Density of population		221
Literacy rate	Total	36.17%
	Male	46.74%
	Female	24.88%
Number of states		22
Union territories		9

## KERALA

Population ('000)	Total	25,403
	Males	12,488
	Females	12,915
Decadal population growth rate (1971-81)		+19.00%
Sex Ratio		1,034 females per 1,000 males
Literacy rate	Total	69.17%
	Males	74.03%
	Females	64.48%
Area		38,863 Sq. km.
Density of population		654 persons per sq. km.
Number of revenue districts		12
Number of Taluks		58
Number of Municipalities **		42
Number of Townships		2
No. of Corporation		3
Number of Panchayats		1,000
Number of N.E.S. Blocks		144
Number of Revenue Villages		(331

\* Includes projected population for Jammu and Kashmir and Assam where census has not been conducted in 1981.

\*\* Excluding Cannanore Cantonment.

## PART I

TABLE 1.1

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

District	Area(KM) <sup>2</sup>	Rank	Population ( <sup>'000</sup> )	Rank	Density	Rank	Occupied Residential Houses	
							( <sup>'000</sup> )	Rank
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	2192	10	2591	3	1182	2	451	2
Quilon	4620	3	2807	1	608	8	527	1
Alleppey	1883	12	2343	7	1244	1	398	4
Kottayam	2204	9	1681	10	763	6	288	10
Idukki	5061	1	971	11	192	12	184	11
Ernakulam	2408	7	2533	4	1052	3	392	5
Trichur	3031	6	2437	5	804	5	411	3
Palghat	4392	4	2042	9	465	10	366	7
Malappuram	3674	5	2401	6	654	7	344	8
Kozhikode	2314	8	2243	8	969	4	311	9
Wynad	2126	11	554	12	260	11	94	12
Cannanore	4958	2	2800	2	565	9	367	6
Kerala	38863	..	25403	..	654	..	4133	..

\*Provisional

Source: Paper I and II of 1981 census.

District-wise Distribution of Census Households in Kerala (1921 to 1981) (Nos.)

District	Rural					Urban								
	1921 (2)	1931 (3)	1941 (4)	1951 (5)	1961 (6)	1971 (7)	1981 (8)	1921 (9)	1931 (10)	1941 (11)	1951 (12)	1961 (13)	1971 (14)	1981 (15)
Trivandrum	102477	125752	150737	173641	219277	278020	368843	16836	20288	29727	44515	69777	89105	120904
Quilon	127568	160098	197694	235340	307101	373285	476609	7083	9609	13664	20555	21572	28700	63171
Alleppey	158617	189076	213754	229566	262793	298425	342731	16958	20070	29799	35198	50258	57275	65734
Kottayam	114093	147491	167938	181637	271929	319695	265962	9858	12758	15121	23891	24554	31670	27346
Idukki	..	..	..	..	..	..	179248	..	..	..	..	..	..	8155
Ernakulam	141768	164168	193045	210462	240914	274580	236162	15399	23413	28188	35841	58994	96140	171899
Trichur	132572	150872	172757	192780	236911	298115	330840	8575	13853	18892	24881	28719	37335	86165
Palghat	193291	206619	226069	231351	277547	259975	342883	11489	12417	17260	21996	28047	35630	37358
Malappuram	..	..	..	..	..	266725	327744	..	..	..	..	..	..	22151
Kozhikode	224814	248310	271014	292378	368114	246885	241179	18711	20243	31316	34907	58539	74605	81292
Wynad	..	..	..	..	..	..	96811	..	..	..	..	..	..	..
annanore	142931	162141	184449	195318	237691	309465	298179	8793	9660	11510	16830	40865	46040	97561
Kerala	1398131	1554667	1779857	1942673	2422217	2919170	3507191	113702	142311	189477	258554	381316	514040	781736

Source: Director of Census Operations, Kerala.

TABLE 1.3  
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	5.22	5.42
Quilon	5.81	5.78	6.23	6.01	5.96	6.61	5.20	5.11	5.86
Alleppey	5.92	5.89	6.05	6.02	5.97	6.29	5.74	5.75	5.68
Kottayam	5.81	5.76	6.32	6.19	6.16	6.48	5.74	5.72	5.82
Idukki	..	..	..	..	..	..	5.18	5.17	5.47
Ernakulam	6.09	6.03	6.36	6.32	6.24	6.54	6.21	6.48	5.83
Trichur	6.10	6.08	6.34	6.43	6.41	6.64	5.84	5.81	5.97
Palghat	5.41	5.38	5.72	5.76	5.74	5.88	5.37	5.35	5.53
Malappuram	..	..	..	6.51	6.47	7.04	6.86	6.78	8.03
Kozhikode	5.80	5.69	6.45	6.37	6.13	7.17	7.76	6.77	7.51
Wynad	..	..	..	..	..	..	5.72	5.72	..
Cannanore	6.05	5.92	6.79	6.58	6.52	6.95	7.08	7.19	6.72
Kerala	5.84	5.80	6.24	6.22	6.16	6.57	5.92	5.88	6.10

Source: Director of Census Operations, Kerala.

TABLE 1.4  
Number of Owned Households per 1000 Households

District	1961			1971		
	Total	Rural	Urban	Total	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	903	962	718	889	946	710
Quilon	933	949	703	927	945	695
Alleppey	956	978	845	961	980	863
Kottayam	799	803	756	805	814	708
Ernakulam	892	944	675	882	943	706
Trichur	874	898	680	908	926	767
Palghat	885	902	703	899	929	683
Malappuram	..	..	..	916	922	818
Kozhikode	859	888	685	859	899	729
Cannanore	815	837	688	885	907	740

Source: Director of Census Operations, Kerala.



TABLE 1.5

**Percentage Distribution of the Different Types of Census Households between the Rural and Urban Areas (1971)**

Type of Households (1)	Kerala		Trichandrum		Qyilon		Alleppey		Kottayam	
	Rural (2)	Urban (3)	Rural (4)	Urban (5)	Rural (6)	Urban (7)	Rural (8)	Urban (9)	Rural (10)	Urban (11)
1. Residence	85.35	14.65	75.74	24.26	93.04	6.96	84.22	15.78	91.00	9.00
2. Shop-cum-residence	78.61	21.39	70.68	29.32	91.62	8.38	75.71	24.29	83.53	16.47
3. Workshop-cum-residence including household industry	80.57	19.43	68.32	31.68	92.83	1.17	75.60	24.40	85.83	14.17
4. Hotels, sarais, dharmashala, tourist homes and inspection houses	43.49	56.51	16.88	83.13	43.06	56.94	46.89	53.11	59.48	40.52
5. Shops excluding eating houses	73.72	26.28	64.91	35.09	89.10	10.90	75.03	24.97	77.54	22.34
6. Business houses and Offices	59.17	40.83	40.69	59.31	79.01	20.99	59.36	40.64	65.67	34.33
7. Factory workshops and worksheds	67.57	32.43	57.65	42.35	83.97	16.03	68.64	31.36	72.21	27.79
8. Restaurants, sweet meat shops and eating places	86.69	13.81	80.00	20.00	94.06	5.94	84.53	15.47	87.08	12.92
9. Community gathering (Panchayat ghar) excluding places of worship	77.96	22.64	71.12	28.88	87.39	12.61	79.91	20.09	86.27	13.73
10. Places of worship (eg. temple, church, mosque, gurudwar etc).	88.23	11.77	81.55	18.45	94.50	5.50	82.20	17.80	91.82	8.18
11. Others	81.75	18.25	71.31	28.69	95.37	4.63	72.11	27.89	83.52	16.48

TABLE 1.5 (Contd.)

Type of Households (1)	Ernakulam		Trichur		Palghat		Malappuram		Kozhikode		Cannanore	
	Rural (12)	Urban (13)	Rural (14)	Urban (15)	Rural (16)	Urban (17)	Rural (18)	Urban (19)	Rural (20)	Urban (21)	Rural (22)	Urban (23)
1. Residence	74.67	25.33	89.11	10.89	88.06	11.94	94.02	5.98	77.48	22.52	87.48	12.52
2. Shop-cum-residence	63.53	36.47	74.59	25.41	82.16	17.84	70.18	29.82	86.49	13.56	87.50	12.50
3. Workshop-cum-residence including household industry	76.37	23.63	76.23	23.77	77.91	<del>82.09</del> 22.09	91.76	8.24	67.73	32.27	90.67	9.33
4. Hotels, sarais, dharmasala, tourist houses and inspection houses	32.23	67.77	58.62	41.38	42.55	57.45	70.73	29.27	49.60	50.40	48.37	51.63
5. Shops excluding eating houses	57.28	42.72	78.26	21.74	71.24	28.76	86.72	13.28	66.27	33.73	72.40	27.60
6. Business houses and offices	41.67	58.33	71.22	28.78	67.72	32.28	74.08	25.92	52.62	47.38	60.96	39.04
7. Factory workshops and worksheds	56.67	43.33	73.60	26.40	70.86	29.14	79.20	20.80	48.61	51.39	69.66	30.34
8. Restaurants, sweet meat shops and eating places	79.68	20.32	88.33	11.67	90.69	9.31	94.24	5.76	80.08	19.92	86.06	13.94
9. Places of entertainments and community gathering (panchayat ghar) excluding places of worship	61.65	38.35	82.77	17.23	85.14	14.86	80.17	19.83	58.97	41.03	83.84	16.16
10. Places of worship (eg. temple, church, mosque, gurudwar etc.)	80.68	19.31	90.92	9.08	91.86	8.14	95.07	4.93	80.57	19.43	90.03	9.97
11. Others	77.72	22.28	83.89	16.11	89.57	10.43	88.02	11.98	66.48	33.52	79.32	20.68

Source: 1971 census.

TABLE 1.6

## Distribution of Census Houses in Cities under various uses (%) (1971)

Sl. No.	Use of House	Trivandrum	Quilon	Alleppey	Cochin	Calicut
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Residence	71.73	68.05	63.97	67.37	67.40
2.	Shop-cum-residence	0.20	0.23	0.51	0.21	0.06
3.	Workshop-cum-residence including household industry	0.26	0.17	0.25	0.27	0.27
4.	Hotels, Sarais, Dharmasalas, Tourist homes and Inspection houses	0.67	0.60	0.28	0.60	0.34
5.	Shops excluding eating houses	6.03	8.44	6.34	6.41	8.57
6.	Business houses and offices	1.79	2.13	1.53	2.30	1.98
7.	Factories, workshops and worksheds	3.11	4.59	4.87	4.66	4.56
8.	Restaurants, Sweet meat shops and eating places	1.18	1.43	1.22	1.04	1.38
9.	Places of entertainments and community gatherings	0.24	0.38	0.22	0.41	0.42
10.	Places of worship	0.89	0.70	0.76	0.61	0.67
11.	Others	7.68	7.53	15.49	10.10	5.62
12.	Vacant	6.22	5.75	4.56	6.02	8.73
13.	Total	100.00	100.00	100.00	100.00	100.00

Source: Census of India 1971—Kerala, Part IV.

TABLE 1.7

## Distribution of 1000 Census Households by Number of Rooms Occupied (1971)

District/City	One room	Two rooms	Three rooms	Four rooms	Five rooms and above	Unspecified
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Trivandrum	226	254	230	128	159	3
Quilon	220	315	230	107	126	2
Alleppey	224	392	198	81	104	1
Kottayam	266	365	192	87	92	8
Ernakulam	183	270	249	133	160	5
Trichur	179	301	222	126	169	3
Palghat	322	312	189	79	93	5
Malappuram	170	399	252	83	95	1
Kozhikode	193	268	247	153	137	2
Cannanore	177	225	199	165	232	2
Kerala	214	308	221	115	139	3
<i>Cities</i>						
Trivandrum	225	252	185	144	189	5
Quilon	131	302	220	132	212	3
Alleppey	161	420	224	81	112	2
Cochin	159	245	239	131	218	8
Calicut	230	322	237	94	115	5

Source: Census of India 1971, series 9—Kerala, Part IV.

TABLE 1.8

**Distribution of 1000 Census Houses by Predominant Material of Roof (Rural) (1971)**

<i>District</i>	<i>Grass, leaves, reeds, thatch, wood, mud, unburnt bricks or bamboo</i>	<i>Tiles, slate, shingle</i>	<i>Corrugated iron, zinc or other metal sheets</i>	<i>Asbestos, cement, sheets</i>	<i>Bricks and lime</i>	<i>Stone</i>	<i>Concrete R.B.C./R.C.C.</i>	<i>All other materials and materials not stated</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	840	142	1	2	0	N	15	N
Quilon	631	347	1	6	0	N	15	N
Alleppey	684	305	1	3	0	N	7	N
Kottayam	567	348	44	35	N	N	6	N
Ernakulam	449	519	7	8	N	N	17	N
Trichur	443	540	2	4	0	N	11	N
Palghat	463	529	2	3	N	N	3	N
Malappuram	620	377	N	1	N	N	2	N
Kozhikode	728	262	1	5	N	N	4	N
Cannanore	534	462	N	1	0	N	3	N
Kerala	595	383	6	7	N	N	9	N

Source: Census of India 1971, Series 9—Kerala, Part IV.  
N—Negligible.

TABLE 1.9

**Distribution of 1000 Census Houses by Predominant Material of Roof (Urban) (1971)**

<i>District</i>	<i>Grass, leaves, reeds, thatch, wood, mud, unburnt bricks or bamboo</i>	<i>Tiles, slate shingle</i>	<i>Corrugated iron, zinc or other metal sheets</i>	<i>Asbestos, cement sheets</i>	<i>Brick and lime</i>	<i>Stone</i>	<i>Concrete R.B.C./R.C.C.</i>	<i>All other materials and materials not stated</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	524	370	9	6	0	N	90	1
Quilon	400	534	5	6	0	0	55	N
Alleppey	528	433	4	10	0	N	25	N
Kottayam	347	571	27	21	0	N	34	N
Ernakulam	246	656	6	13	0	N	79	N
Trichur	243	702	1	5	0	N	49	0
Palghat	180	790	2	4	N	0	24	0
Malappuram	374	608	0	4	0	0	13	1
Kozhikode	341	631	2	6	1	N	18	1
Cannanore	219	745	2	7	0	N	27	N
Kerala	351	586	6	9	N	N	48	N

Source: Census of India 1971 Series 9—Kerala, Part IV.  
N—Negligible.

TABLE 1.10  
Distribution of 1000 Census Houses by Predominant Material of Wall (Rural) (1971)

District	Grass, leaves, reeds or bamboo	Mud	Unburnt bricks	Wood	Burnt bricks	G.I. sheets or other metal sheets	Stone	Cement concrete	All other materials and materials not stated
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	45	175	612	27	65	N	72	N	4
Quilon	116	102	264	72	71	N	367	2	6
Alleppey	331	81	28	102	161	N	291	4	2
Kottayam	178	85	122	134	24	5	443	4	5
Ernakulam	117	43	75	23	69	6	627	1	9
Trichur	114	303	105	6	38	N	432	N	2
Palghat	54	639	14	5	121	N	157	N	5
Malappuram	58	490	31	10	1	N	407	N	3
Kozhikode	130	35	294	21	41	N	455	1	3
Cannanore	71	139	435	.8	9	N	330	1	7
Kerala	128	198	203	44	60	1	360	1	5

Source: Census of India 1971, Series 9—Kerala, Part IV.  
N—Negligible.

TABLE 1.11  
Distribution of 1000 Census Houses by Predominant Material of Wall (Urban) (1971)

District	Grass, leaves, reeds or bamboo	Mud	Unburnt bricks	Wood	Burnt bricks	G.I. sheets or other metal sheets	Stone	Cement concrete	All other materials and materials not stated
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	53	46	421	21	399	1	55	N	4
Quilon	131	41	117	99	98	1	506	N	7
Alleppey	284	27	10	117	114	N	441	1	6
Kottayam	83	69	33	155	39	3	601	7	10
Ernakulam	102	9	14	71	262	1	534	1	6
Trichur	46	158	39	9	43	0	703	N	2
Palghat	9	346	29	5	443	N	162	N	6
Malappuram	64	191	69	5	1	N	668	N	2
Kozhikode	101	15	71	47	1	N	760	1	4
Cannanore	51	83	179	10	1	N	674	1	1
Kerala	99	71	117	54	168	1	484	1	5

Source: Census of India 1971.  
N—Negligible.

TABLE 1.12  
Distribution of 1000 Census Houses by Predominant Material of Wall and Roof in  
Important Cities in Kerala (1971)

City	Material of wall								Material of roof								
	Grass, leaves, reeds or bamboo	Mud	Unburnt bricks	Wood	Burnt bricks	V.I. sheets or other material G.I. sheets	Stone	Cement concrete	All other materials and materials not stated	Grass, leaves, reeds, thatches, wood, mud unburnt bricks, or bamboo	Tiles, slate, shingle	Corrugated iron, zinc or other metal sheets	Asbestos, cement sheets	Bricks and lime	Stone	Concrete, R.B.C./R.C.C.	All other materials and materials not stated.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Trivandrum	66	35	373	19	497	1	4	N	5	463	410	12	8	9	N	106	1
Quilon	173	40	28	122	118	0	510	N	9	381	548	6	5	0	0	60	4
Alleppey	345	3	N	124	68	N	451	0	9	538	418	7	14	0	N	23	N
Ernakulam	112	N	1	91	372	2	414	1	8	234	656	8	14	0	N	87	1
Calicut	90	18	23	68	1	1	793	1	5	265	695	2	9	2	N	26	1

Source: Census of India 1971, Series 9—Kerala, Part IV.  
N—Negligible.

TABLE 1.13

**Percentage distribution of Houses according to Availability of Primary Facilities, 1980**

<i>District</i>	<i>Houses Electrified</i>	<i>Houses having sufficient drinking water facility</i>	<i>Houses with water sealed Latrines</i>
(1)	(2)	(3)	(4)
Trivandrum	29.44	70.79	19.10
Quilon	22.29	58.33	17.71
Alleppey	28.15	64.69	16.54
Kottayam	30.29	44.89	21.90
Idukki	11.90	54.76	13.69
Ernakulam	35.16	56.61	30.17
Trichur	30.03	61.58	23.41
Palghat	21.18	52.06	12.94
Malappuram	10.59	61.18	10.88
Kozhikode	16.92	64.87	18.72
Cannanore	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 1.14

**Nature of Dwelling Houses in Kerala, 1980 (Percentage distribution)**

<i>District</i>	<i>Hutments</i>	<i>Dilapidated old buildings</i>	<i>Other Buildings according to floor area up to 500 sq. ft.</i>					<i>Total</i>
			<i>Buildings having no separate kitchen</i>	<i>Buildings having separate kitchen</i>	<i>501—1000 sq. ft.</i>	<i>1001—1500 sq. ft.</i>	<i>Above 1500 sq. ft.</i>	
(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	23.93	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
Kerala	23.75	4.60	14.31	22.46	22.77	8.82	3.29	100.00

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

## House Building Activities in the Public Sector

Sl. No.	Type of Construction	1972-73			1973-74			1974-75		
		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.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<i>(a) New Construction—Work</i>										
1	Residential Buildings									
	(a) Dwelling quarters	51	30227	24602	22	13973	11906	10	7793	5949
	(b) Other Residential places	9	5387	3655	7	6832	6101	3	1852	1542
2	Industrial Buildings	3	3484	2551	1	350	235	1	101	82
3	Commercial Buildings	16	4973	4107	17	11259	9443	18	13469	11661
4	Institutional Buildings	103	44149	35419	57	19230	16594	45	20744	17427
5	Other Buildings	..	..	..	..	..	..	..	..	..
	Total	182	88220	70334	104	51644	29344	77	43959	36661
<i>(b) Additions and Alterations—Works</i>										
1	Residential Buildings									
	(a) Dwelling quarters	1	269	210	..	..	..	..	..	..
	(b) Other Residential places	2	512	449	2	486	435	..	..	..
2	Industrial Buildings	..	..	..	..	..	..	..	..	..
3	Commercial Buildings	4	579	338	4	732	529	2	573	519
4	Institutional Buildings	4	1474	1236	5	3266	2732	2	466	419
5	Other Buildings	..	..	..	..	..	..	..	..	..
	Total	11	2834	2233	11	4484	3556	4	1039	938

TABLE

## House building activities in the Public Sector

Sl.No.	Type of Construction	1972-73			1973-74			1974-75		
		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.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<i>(a) New Construction—Works</i>										
1	Residential Buildings									
	(a) Dwelling quarters	34	37005	29521	49	36204	28033	50	116415	96883
	(b) Other Residential places	16	15442	11153	14	18635	14274	23	16362	13299
2	Industrial Buildings	3	2607	2161	7	3941	3349	1	150	127
3	Commercial Buildings	14	8228	7375	11	2843	2309	46	97881	74522
4	Institutional Buildings	271	141634	105102	108	83936	60980	205	108712	89523
5	Other Buildings	2	313	267	1	1040	926	4	1764	1436
	Total	340	205229	155579	190	146599	109871	329	341284	275790

11  
2.1**(No. of plans sanctioned) P.W.D. Kerala**

1975-76			1976-77			1977-78			1978-79			1979-80		
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.)	No.	Plinth area (sq.m.)	Floor area (sq.m.)	No.	Plinth area (sq.m.)	Floor area (sq.m.)
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
<i>Commenced during the year</i>														
10	9893	7545	23	17982	14720	19	16254	12783	17	7372	5774	9	8404	7209
4	2298	1833	5	9389	7163	4	3051	2346	5	4999	4236	4	7991	6202
..	..	..	1	202	176	1	604	483	..	..	..	..	..	..
20	29396	25456	32	19447	15346	32	19145	16382	37	20671	17090	98	18932	14426
126	45066	37817	128	61881	52534	116	63277	52908	120	74378	62895	78	49570	40520
1	1780	1602	1	123	107	..	..	..	2	684	628	..	..	..
161	88433	74253	190	109024	90046	172	102331	84902	181	108104	90623	189	84897	68357

*Commenced during the year*

..	..	..	..	..	..	1	60	29	..	..	..	1	98	72
..	..	..	1	302	181	4	1163	1022	3	467	395	1	418	354
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	535	459	6	567	401	2	155	119	6	2592	1920	..	..	..
2	203	179	12	3166	2593	3	276	232	2	552	354	6	1613	1127
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	738	638	19	4035	3175	10	1654	1402	11	3611	2669	8	2129	1553

2.2

**(No. of Plans Sanctioned) P.W.D. Kerala**

1975-76			1976-77			1977-78			1978-79			1979-80		
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.)	No.	Plinth area (sq.m.)	Floor area (sq.m.)	No.	Plinth area (sq.m.)	Floor area (sq.m.)
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
<i>Completed during the year</i>														
75	165241	133883	18	8939	7189	30	21884	17199	10	5510	4068	22	14766	12061
17	16642	13332	5	2774	2295	8	5430	4532	3	1379	1086	9	11871	9169
2	5959	4054	..	..	..	2	552	501	1	101	82	2	3150	2774
60	104227	78162	11	4638	3314	43	88621	70609	21	7240	6050	37	19230	15503
170	121890	102356	90	32846	28067	181	86371	71759	108	52076	43315	113	65773	55090
4	1242	1072	..	..	..	1	1780	1602	..	..	..	3	1812	1468
328	415201	332859	124	49197	40865	265	204638	166202	143	66306	54601	186	116602	96065

(b) Additions and Alterations—

<i>Residential Buildings</i>										
1	(a) Dwelling Quarters	..	..	..	1	269	210	..	..	..
	(b) Other Residential places	1	673	538	..	..	..	6	1137	751
2	Industrial Buildings	1	412	371	..	..	..	..	..	..
3	Commercial Buildings	5	817	670	..	..	..	5	612	458
4	Institutional Buildings	5	1929	1610	9	7379	6501	6	5370	4700
5	Other Buildings	..	..	..	..	..	..	..	..	..
	<b>Total</b>	<b>12</b>	<b>3891</b>	<b>3189</b>	<b>10</b>	<b>7648</b>	<b>6711</b>	<b>17</b>	<b>7119</b>	<b>5909</b>



2.2  
works Completed during the year

1	269	210	..	-	..	2	112	70	..	..	..	..	..	..
8	1370	900	..	..	..	4	1301	1034	1	162	123	2	311	262
1	1412	1371	..	..	..	..	..	..	..	..	..	..	..	..
10	2403	2206	3	1014	869	9	2519	1986	4	342	277	3	663	493
5	4899	4487	5	1286	1068	12	2710	2229	3	475	421	3	892	697
1	286	257	1	182	162	..	..	..	..	..	..	..	..	..
26	10639	9431	9	2482	2099	27	6642	5319	8	979	821	8	1866	1392

PART  
TABLE  
House Building Activities  
New Con

Type of Building	1972			1973			1974		
	N	P	F	N	P	F	N	P	F
1. Dwellings									
(a) Family quarters	116	7085	5779	82	6141	5047	77	6157	4973
(b) Non-family quarters	6	297	248	7	855	635	..	..	..
2. Industrial Buildings	7	269	226	6	1307	1174	6	770	665
3. Commercial Buildings	13	470	375	4	204	173	10	1093	812
4. Institutional Buildings	4	325	285	4	93	76	2	833	728
5. Others	..	..	..	1	514	430	2	378	324
Total	146	8446	6913	104	9114	7535	97	9231	7502

Type of Building	ALTERATIONS								
	N	P	F	N	P	F	N	P	F
1. Dwellings									
(a) Family quarters	14	496	416	2	283	230	3	213	177
(b) Non-family quarters	..	..	..	..	..	..	..	..	..
2. Industrial Buildings	..	..	..	..	..	..	..	..	..
3. Commercial Buildings	..	..	..	..	..	..	..	..	..
4. Institutional Buildings	..	..	..	1	32	25	..	..	..
5. Others	..	..	..	..	..	..	..	..	..
Total	14	496	416	3	315	255	3	213	177

N—Number of plans sanctioned

P—Plinth area in Sq. M.

F—Floor area in Sq. M.

III.

3.1

## In the Private Sector

STRUCTION

Municipality Neyyattinkara\*

1975			1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
91	6003	5119	108	6705	5436	120	8052	6543	98	9893	8035	110	7635	6284	187	15886	12918
2	172	160	..	..	..	..	..	..	..	..	..	..	..	..	3	126	103
4	273	248	7	835	681	2	62	51	..	..	..	1	30	25	5	982	787
22	842	718	18	832	660	12	816	670	1	21	17	7	703	581	4	562	464
5	480	449	1	53	40	..	..	..	1	841	680	5	1565	1272	1	3200	2600
..	..	..	..	..	..	..	..	..	..	..	..	1	427	353	1	1420	1136
124	7770	6694	134	8425	6817	134	8930	7264	100	10755	8732	124	10360	8515	201	22176	18008

ADDITIONS

18	626	531	11	518	415	22	937	767	1	25	20	3	106	85	5	322	263
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	33	27
..	..	..	2	70	57	..	..	..	..	..	..	..	..	..	1	74	62
4	114	99	5	91	71	6	121	99	..	..	..	..	..	..	1	82	66
2	306	278	..	..	..	1	178	144	..	..	..	1	22	18	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24	1046	908	18	679	543	29	1236	1010	1	25	20	4	128	103	8	511	418

TABLE 3.2

## House Building activities in the Private Sector

## NEW CONSTRUCTION

Municipality—Nedumangaa

Type of Building	1978			1979			1980		
	N	P	F	N	P	F	N	P	F
1. Dwellings:									
(a) Family quarters	39	2588	2126	208	12096	9866	258	13954	11357
(b) Non-family quarters	..	..	..	1	51	41	1	425	358
2. Industrial Buildings	1	28	23	7	241	197	10	552	452
3. Commercial Buildings	6	839	723	17	1407	1147	31	1874	1526
4. Institutional Buildings	2	422	355	2	114	92	5	366	303
5. Others	2	448	375	..	..	..	1	124	104
Total	50	4325	3602	235	13909	11343	306	17295	14100

## ALTERATIONS/ADDITIONS

1. Dwellings									
(a) Family quarters	9	337	272	31	1390	1126	43	1691	1380
(b) Non-family quarters	..	..	..	..	..	..	..	..	..
2. Industrial Buildings	..	..	..	1	66	54	1	25	20
3. Commercial Buildings	4	223	186	4	207	170	3	199	163
4. Institutional Buildings	..	..	..	..	..	..	4	116	96
5. Others	..	..	..	..	..	..	..	..	..
Total	13	560	458	36	1663	1350	51	2031	1659

TABLE 3.3

## House Building Activities in the Private Sector

## NEW CONSTRUCTIONS

## Proposed Buildings

Municipality—Varkala

Type of construction	1979			1980		
	N	P	F	N	P	F
1. Dwellings:						
(a) Family quarters	..	..	..	162	13153	10742
(b) Non-family quarters	..	..	..	1	333	275
2. Industrial Buildings	..	..	..	4	357	293
3. Commercial Buildings	..	..	..	4	683	566
4. Institutional Buildings	..	..	..	1	311	260
5. Other Buildings	..	..	..	1	66	53
Total	..	..	..	173	14903	12189
ADDITIONS/ALTERATIONS						
1. Dwellings:						
(a) Family quarters	..	..	..	11	543	442
(b) Non-family quarters	..	..	..	..	..	..
2. Industrial Buildings	..	..	..	1	149	129
3. Commercial Buildings	..	..	..	..	..	..
4. Institutional Buildings	..	..	..	..	..	..
5. Other Buildings	..	..	..	..	..	..
Total	..	..	..	12	692	571

N. Number of plans Sanctioned. P. Plinth area in Sq.M. F. Floor area in Sq.M.

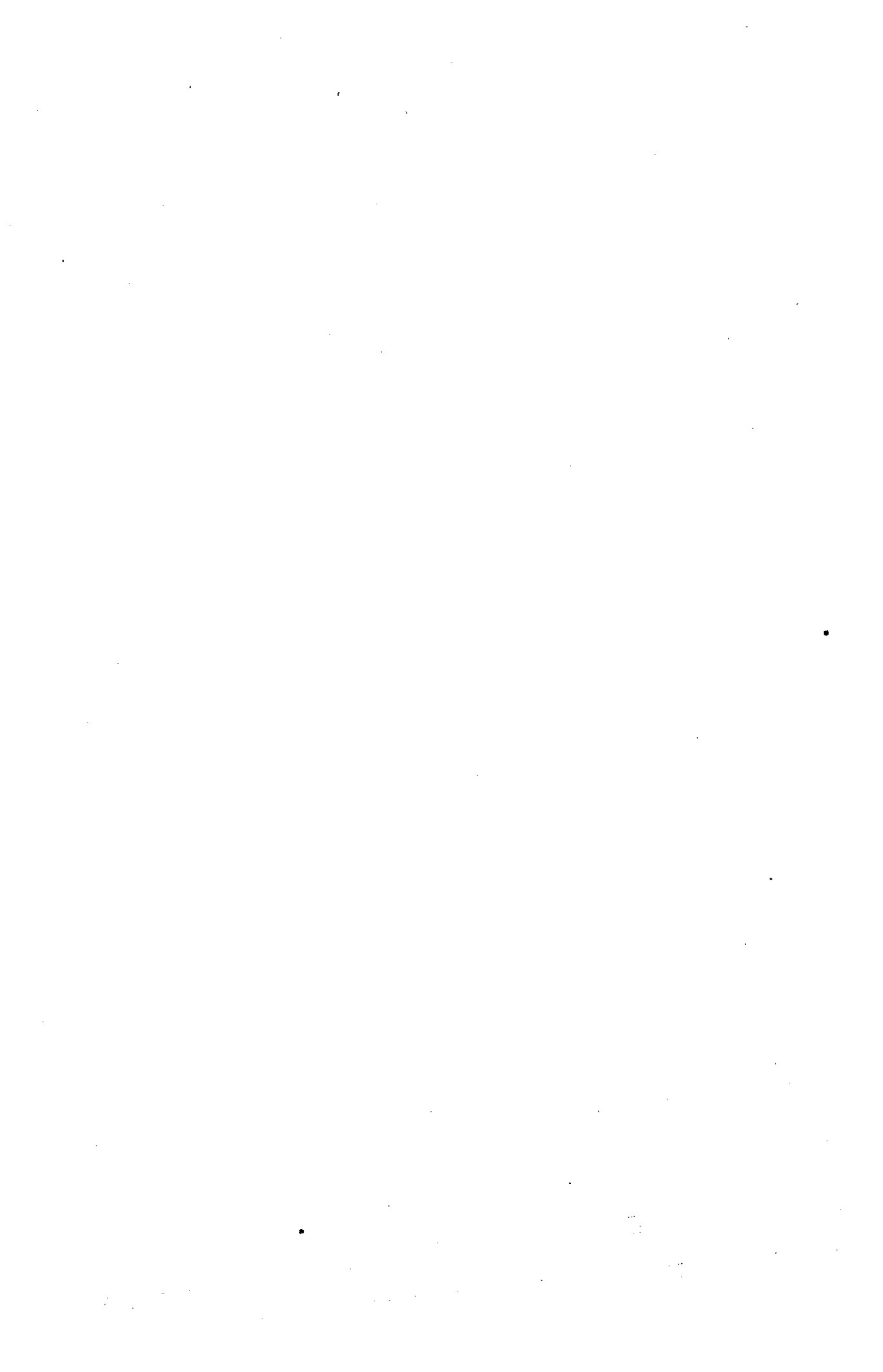


TABLE  
HOUSE BUILDING ACTIVITIES  
NEW

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	131	7646	6063	107	6284	4918	166	9673	7503	113	7704	6215
(b) Non-family dwellings	2	190	143	..	..	..	7	1041	912	7	496	399
2. Industrial Buildings	12	680	574	6	328	250	2	321	279	9	464	375
3. Commercial Buildings	21	858	675	13	543	432	10	261	191	15	559	435
4. Institutional Buildings	3	281	252	4	364	309	1	157	129	2	129	102
5. Other Buildings	..	..	..	..	..	..	2	213	154	2	463	416
Total	169	9655	7707	130	7519	5909	188	11666	9168	148	9815	7942

## ALTERATIONS/

1. Dwellings												
(a) Family quarters	23	763	598	24	795	627	33	1465	1121	40	1172	927
(b) Non-family dwellings	..	..	..	1	33	26	..	..	..	..	..	..
2. Industrial Buildings	..	..	..	..	..	..	..	..	..	..	..	..
3. Commercial Buildings	2	112	94	2	142	124	4	106	86	1	35	29
4. Institutional Buildings	..	..	..	..	..	..	..	..	..	..	..	..
5. Other Buildings	1	197	164	..	..	..	..	..	..	1	198	164
Total	26	1072	856	27	970	777	37	1571	1207	42	1405	1120

TABLE  
HOUSE BUILDINGS ACTIVITIES  
NEW

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	164	13321	10976	96	8447	6694	117	10686	8682	202	17359	14266
(b) Non-family quarters	4	813	751	3	1160	898	4	870	729	7	6238	4969
2. Industrial Buildings	4	465	422	6	650	568	5	1244	1096	20	2071	1747
3. Commercial Buildings	20	1534	1177	11	1034	876	18	1612	1361	20	1582	1354
4. Institutional Buildings	4	1550	1065	..	..	..	2	509	430	6	1473	1316
5. Others	1	105	91	..	..	..	..	..	..	4	1605	992
Total	197	17788	14482	116	11291	9036	146	14921	12298	259	30328	24644

N. Number of plan Sanctioned. P. Plinth area in SQ.M. F. Floor area in SQ.M.

3.4

## In the Private Sector

CONSTRUCTION Municipality—Attungal

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
189	11963	9699	182	11631	9553	209	13606	11127	214	15978	12989	245	16507	13550
3	210	172	4	132	106	8	674	550	..	..	..	..	..	..
11	526	423	9	374	300	3	1329	1113	3	197	160	1	31	25
10	300	243	5	329	265	5	420	342	5	841	689	7	843	697
2	401	325	..	..	..	1	93	77	..	..	..	3	1550	1263
..	..	..	..	..	..	1	80	64	..	..	..	1	29	24
215	13400	10862	200	12466	10224	227	16202	13273	222	17016	13838	257	18960	15559

## ADDITIONS

43	1214	992	44	1502	1222	32	1282	1043	37	1565	1277	45	1985	1627
..	..	..	..	..	..	2	42	34	..	..	..	1	25	20
1	18	16	..	..	..	..	..	..	..	..	..	..	..	..
1	35	28	1	42	34	..	..	..	..	..	..	2	212	175
..	..	..	1	101	85	..	..	..	..	..	..	..	..	..
1	85	71	1	137	110	..	..	..	..	..	..	..	..	..
46	1352	1107	47	1782	1451	34	1324	1077	37	1565	1277	48	2222	1822

3.5

## In the Private Sector

CONSTRUCTION Municipality—Quilon

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
175	15970	12942	241	24740	20211	309	28740	23519	460	31276	25628	353	32133	26432
5	1511	1253	1	887	790	1	84	69	3	6084	5072	8	4837	3996
6	1431	1155	..	..	..	..	..	..	2	154	130	11	2001	1657
7	965	778	1	38	32	1	275	220	28	3292	2704	14	1643	1359
5	2228	1845	..	..	..	1	103	86	2	580	469	4	1031	852
1	375	300	1	334	281	..	..	..	1	122	102	1	75	60
199	22480	18273	244	25999	21314	312	29202	23894	496	41508	34005	391	41720	34356

Type of Buildings	ALTERATIONS											
	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Non-family quarters	9	422	346	6	465	409	9	523	428	41	2022	1656
(b) Non-family quarters	..	..	..	..	..	..	..	..	..	1	382	306
2. Industrial Buildings	..	..	..	..	..	..	1	98	75	3	162	128
3. Commercial Buildings	1	137	130	..	..	..	2	103	82	6	267	208
4. Institutional Buildings	..	..	..	1	25	20	..	..	..	2	314	252
5. Others	..	..	..	..	..	..	..	..	..	..	..	..
Total	10	559	476	7	490	429	12	724	585	53	3147	2550

TABLE  
House Building Activities  
New

Type of Buildings	1973			1974			1975		
	N	P	F	N	P	F	N	P	F
1. Dwellings									
(a) Family quarters	26	2142	1719	82	5262	4238	80	4883	3990
(b) Family quarters	..	..	..	7	2606	2265	3	865	793
2. Industrial Buildings	2	128	102	5	4982	3264	18	3036	2634
3. Commercial Buildings	4	448	364	13	730	565	9	579	466
4. Institutional Buildings	1	28	22	3	668	614	10	1325	1106
5. Other Buildings	2	28	22	3	199	170	1	40	31
Total	35	2774	2229	113	14447	11116	121	10728	9020

Type of Buildings	ALTERATIONS											
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	4	110	85	38	1482	1199	43	1619	1264			
(b) Non-family quarters	..	..	..	..	..	..	..	..	..			
2. Industrial Buildings	..	..	..	..	..	..	1	62	51			
3. Commercial Buildings	..	..	..	9	666	572	9	487	395			
4. Institutional Buildings	..	..	..	1	137	110	3	252	216			
5. Other Buildings	..	..	..	..	..	..	..	..	..			
Total	4	110	85	48	2285	1881	56	2420	1926			



## ADDITIONS

1976			1977			1978			1979			1980		
<i>N</i>	<i>P</i>	<i>F</i>	<i>N</i>	<i>P</i>	<i>F</i>	<i>N</i>	<i>P</i>	<i>F</i>	<i>N</i>	<i>P</i>	<i>F</i>	<i>N</i>	<i>P</i>	<i>F</i>
7	368	297	9	636	513	17	942	773	35	2229	1835	31	2019	1657
..	..	..	..	..	..	..	..	..	2	1157	966	1	171	140
1	48	40	..	..	..	..	..	..	..	..	..	2	956	795
..	..	..	..	..	..	..	..	..	..	..	..	1	47	40
..	..	..	..	..	..	..	..	..	3	947	787	1	250	210
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	416	337	9	636	513	17	942	773	40	4333	3588	36	3443	2842

3.6

## In the Private Sector

## CONSTRUCTION

*Municipality--Punatur*

1976			1977			1978			1979			1980		
<i>N</i>	<i>P</i>	<i>F</i>	<i>N</i>	<i>P</i>	<i>F</i>	<i>N</i>	<i>P</i>	<i>F</i>	<i>N</i>	<i>P</i>	<i>F</i>	<i>N</i>	<i>P</i>	<i>F</i>
88	5743	4625	78	5958	4810	127	7585	6215	164	9908	8096	180	13192	10778
7	658	537	3	544	438	4	190	158	3	1467	1198	5	239	195
8	5400	4565	3	709	569	6	1132	924	8	1552	1275	3	160	132
13	1634	1398	3	239	193	9	1537	1265	7	830	680	14	1555	1288
3	121	97	1	88	70	4	1440	1188	8	3351	2758	4	589	483
2	203	164	1	22	18	2	120	98	1	217	179	2	141	116
121	13759	11386	89	7560	6098	152	12004	9848	191	17325	14186	208	15876	12992

## ADDITIONS

37	1112	886	31	1269	1017	33	1181	964	53	2428	1996	56	2403	1966
1	42	34	1	55	44	2	83	67	..	..	..	2	69	56
4	632	527	..	..	..	..	..	..	1	29	25	..	..	..
1	39	31	..	..	..	2	289	234	2	90	72	1	324	265
2	198	164	1	230	184	2	68	56	1	561	460	3	213	177
1	58	46	1	103	83	..	..	..	..	..	..	1	152	126
46	2081	1688	34	1657	1328	39	1621	1321	57	3108	2553	63	3161	2590

TABLE 3.7

## House Building Activities in the Private Sector

## NEW CONSTRUCTION

Municipality—Pathanamthitta

Type of construction	1979			1980		
	N	P	F	N	P	F
1. Dwellings						
(a) Family quarters	114	10139	8240	47	5022	4093
(b) Non-family quarters	15	1626	1326	..	..	..
2. Industrial Buildings	2	198	161	2	55	44
3. Commercial Buildings	1	50	40	1	109	89
4. Institutional Buildings	1	7	6	..	..	..
5. Other Buildings	6	694	565	1	49	40
Total	129	12714	10338	51	5235	4266

## ADDITIONS/ALTERATIONS

1. Dwellings						
(a) Family quarters	3	396	323	11	759	616
(b) Non-family quarters	4	188	152	1	38	31
2. Industrial Buildings	..	..	..	..	..	..
3. Commercial Buildings	1	706	580	1	68	55
4. Institutional Buildings	..	..	..	3	942	779
5. Other Buildings	..	..	..	..	..	..
Total	8	1290	1055	16	1807	1481



TABLE  
House Building Activities  
NEW

Type of building	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	152	6413	5334	191	10294	8498	154	8827	6939	159	8495	6610
(b) Non-family quarters	..	..	..	..	..	..	..	..	..	..	..	..
2. Industrial Buildings	8	719	640	11	1840	1520	4	357	288	1	340	310
3. Commercial Buildings	28	1009	862	40	2705	2249	8	373	299	7	891	750
4. Institutional Buildings	..	..	..	..	..	..	2	136	111	..	..	..
5. Other Buildings	..	..	..	2	100	88	..	..	..	..	..	..
Total	188	8141	6836	244	14939	12355	168	9693	7637	167	9726	7670

Type of building	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	26	982	812	14	487	378	15	674	542	36	1311	1014
(b) Non-family quarters	2	113	98	..	..	..	2	212	179	..	..	..
2. Industrial Buildings	..	..	..	1	34	27	1	12	7	..	..	..
3. Commercial Buildings	9	483	333	2	67	51	1	30	25	1	46	38
4. Institutional Buildings	1	13	11	..	..	..	..	..	..	..	..	..
5. Other Buildings	..	..	..	..	..	..	..	..	..	..	..	..
Total	38	1591	1254	17	558	456	19	928	753	37	1357	1052

TABLE  
House Building Activities  
NEW

Type of Building	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	97	7290	6073	71	4970	3899	90	7582	5979	113	8862	7041
(b) Non-family quarters	2	149	116	3	1165	951	..	..	..	1	73	59
2. Industrial Buildings	2	129	118	..	..	..	2	79	60	1	23	18
3. Commercial Buildings	18	850	737	8	3670	3395	10	1247	998	7	288	229
4. Institutional Buildings	2	242	148	1	50	44	1	290	232	1	117	94
5. Other Buildings	2	74	60	..	..	..	2	900	720	..	..	..
Total	123	8734	7252	83	9855	8289	105	10098	7989	123	9363	7441

Type of Building	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	25	1196	997	28	1320	1050	13	411	328	28	1283	970
(b) Non-family quarters	1	26	21	..	..	..	..	..	..	..	..	..
2. Industrial Buildings	..	..	..	..	..	..	..	..	..	..	..	..
3. Commercial Buildings	4	213	182	2	347	277	1	92	75	1	35	27
4. Institutional Buildings	..	..	..	..	..	..	2	164	110	1	367	304
5. Other Buildings	..	..	..	..	..	..	..	..	..	..	..	..
Total	30	1435	1200	30	1667	1327	16	667	513	30	1685	1301

3.8.

## in the Private Sector

## CONSTRUCTION

Municipality—Kayamkulam

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
154	7780	6346	159	8432	6835	238	11738	9508	332	20039	16512	233	14244	11726
2	66	54	3	73	59	6	182	149	1	116	93	13	1611	1343
2	120	101	..	..	..	..	..	..	1	97	80	6	960	795
4	220	182	..	..	..	..	..	..	12	919	759	17	1097	905
..	..	..	..	..	..	..	..	..	6	1323	1096	7	1223	1088
..	..	..	..	..	..	..	..	..	..	..	..	1	80	65
162	8186	6683	162	8505	6894	244	11920	9657	352	22494	18540	277	19215	15922

## ADDITIONS

18	771	626	13	426	343	13	675	549	32	1925	1576	48	2640	2169
..	..	..	..	..	..	2	75	60	..	..	..	2	91	74
..	..	..	..	..	..	..	..	..	1	264	220	2	25	21
..	..	..	..	..	..	..	..	..	2	61	50	2	31	26
..	..	..	..	..	..	..	..	..	2	581	484	4	667	552
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	771	626	13	426	343	15	750	609	37	2831	2330	58	3454	2842

3.9

## in the Private Sector

## CONSTRUCTION

Municipality—Mavelikkara

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
91	7638	6154	79	6229	5060	122	9424	7630	179	17828	14506	153	13916	13147
3	89	73	..	..	..	1	769	620	3	327	267	2	335	277
1	51	41	1	25	21	1	62	50	1	63	51	1	20	16
5	218	176	4	302	246	3	250	201	19	1725	1411	11	798	657
6	3572	3014	1	76	63	..	..	..	8	2282	1857	2	391	320
..	..	..	..	..	..	2	715	572	3	109	90	..	..	..
106	11563	9458	85	6632	5390	129	11220	9073	213	22334	18182	169	17490	14417

## ADDITIONS

37	1241	999	25	1197	979	53	2752	2226	57	3105	2524	66	2768	2273
1	44	36	2	47	38	..	..	..	1	228	185	..	..	..
1	19	16	..	..	..	..	..	..	4	638	516	3	168	136
1	17	15	3	65	53	..	..	..	3	360	294	..	..	..
1	100	80	..	..	..	..	..	..	1	85	68	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
41	1421	1146	30	1309	1070	56	2954	2388	66	4416	3587	69	2936	2409

TABLE 3.10

## House Building Activities in the Private Sector

## NEW CONSTRUCTION

Municipality—Chengannur

Type of building	1978			1979			1980		
	N	P	F	N	P	F	N	P	F
1. Dwellings									
(a) Family quarters	94	7732	6323	144	12300	10029	117	10742	8790
(b) Non-family quarters	1	1323	1064	3	1196	960	2	879	724
2. Industrial Buildings	6	520	424	1	46	38	1	45	36
3. Commercial Buildings	6	1045	864	11	1162	946	16	3341	2735
4. Institutional Buildings	9	1950	1611	10	1744	1417	4	328	271
5. Others	4	898	736	3	767	623	2	208	174
<b>Total</b>	<b>120</b>	<b>13468</b>	<b>11022</b>	<b>172</b>	<b>17215</b>	<b>14013</b>	<b>142</b>	<b>15543</b>	<b>12730</b>

## ALTERATIONS/ADDITIONS

1. Dwellings									
(a) Family quarters	35	1873	1529	61	2465	2006	80	3500	2880
(b) Non-family quarters	..	..	..	..	..	..	..	..	..
2. Industrial buildings	..	..	..	..	..	..	..	..	..
3. Commercial buildings	..	..	..	3	599	480	3	45	37
4. Institutional Buildings	4	197	160	1	409	329	1	164	136
5. Others	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>39</b>	<b>2070</b>	<b>1689</b>	<b>65</b>	<b>3473</b>	<b>2815</b>	<b>84</b>	<b>3709</b>	<b>3053</b>

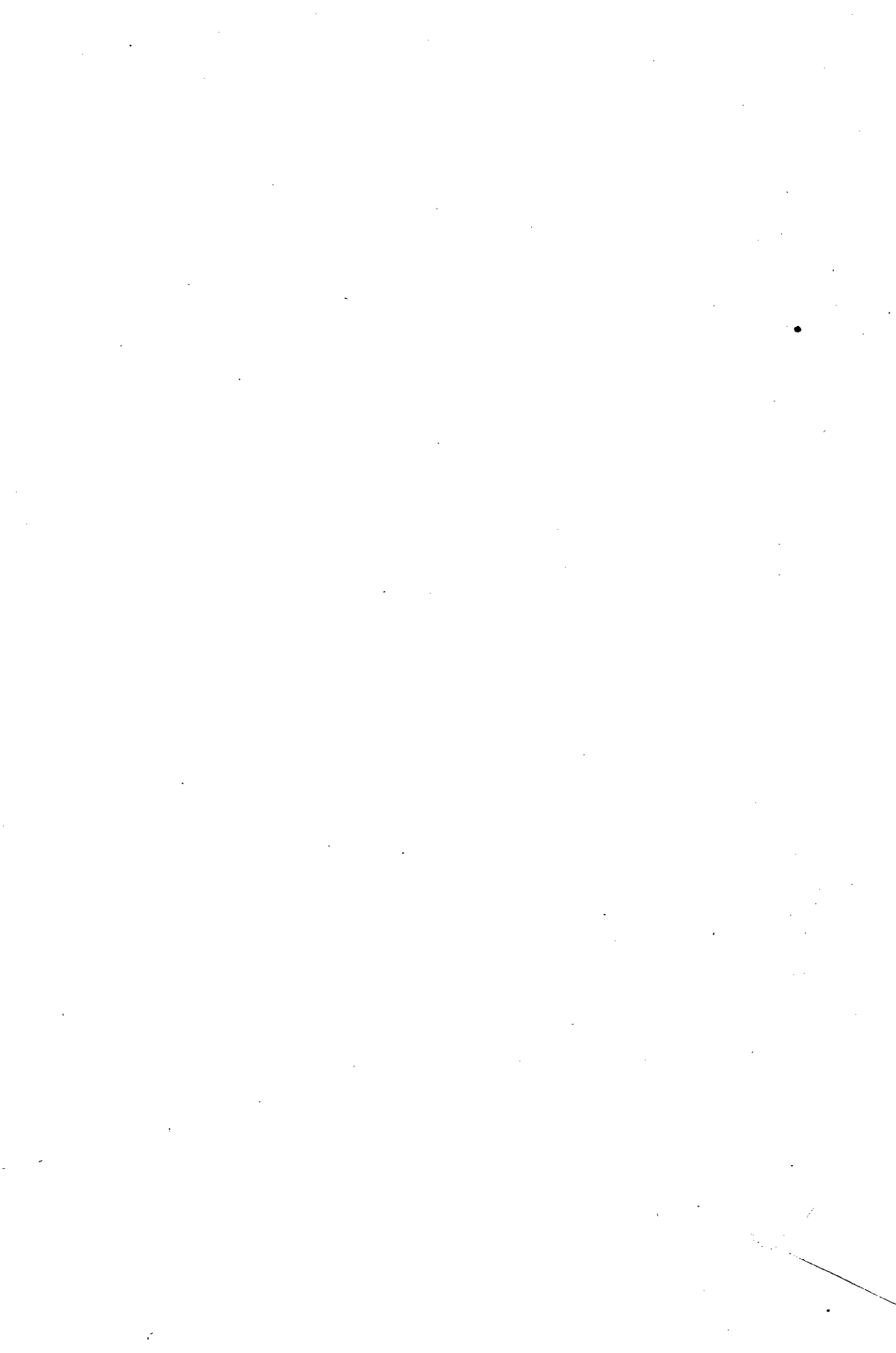


TABLE  
House Building Activities  
NEW

Type of Building	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	105	7160	5874	98	6415	5148	89	5759	4610	96	7147	5802
(b) Non-family dwellings	1	244	232	1	37	27	3	342	305	1	72	58
2 Industrial Buildings	2	55	43	5	624	539	2	542	480	6	134	106
3 Commercial Buildings	9	352	288	11	1183	948	14	2200	1969	13	627	506
4 Institutional Buildings	1	747	565	1	112	100	5	1304	1141	1	58	44
5 Other Buildings	1	314	290	1	70	60	2	41	34	2	86	78
Total	119	8872	7292	117	8441	6822	115	10188	8539	119	8124	6594

## ALTERATIONS/

Type of Building	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	59	2136	1767	39	1317	1057	34	1399	1166	61	1943	1534
(b) Non family dwellings	1	64	59	1	187	163	3	765	550	2	254	216
2 Industrial Buildings	1	90	85	..	..	..	2	246	203	3	47	36
3 Commercial Buildings	4	368	323	2	111	97	3	101	77	6	682	596
4 Institutional Buildings	4	340	278	2	213	186	3	319	260	..	..	..
5 Other Buildings	1	29	21	..	..	..	..	..	..	..	..	..
Total	70	3027	2533	44	1828	1503	45	2830	2256	72	2926	2382

TABLE  
House Buildings Activities  
NEW

Type of Building	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	233	14501	11922	221	11684	9443	236	23451	10824	311	18517	14810
(b) Non-family quarters	9	1067	754	5	362	307	7	719	584	6	4374	3269
2. Industrial Buildings	21	1402	1310	6	304	248	15	1441	1273	14	711	586
3. Commercial Buildings	19	1162	951	9	699	559	12	565	471	28	1559	1303
4. Institutional Buildings	2	252	224	4	268	201	6	481	421	4	213	160
5. Other Buildings	2	413	345	2	214	180	3	118	94	..	..	..
Total	286	18797	15506	247	13531	10938	279	16775	13667	363	2537	20128

## ALTERATIONS/

Type of Building	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	105	5000	4022	40	1603	1266	86	3937	3099	71	3592	2933
(b) Non-family quarters	..	..	..	..	..	..	2	38	29	1	352	288
2. Industrial Buildings	8	289	236	1	124	108	2	57	53	4	1329	1127
3. Commercial Buildings	8	270	207	1	23	23	4	182	147	3	210	182
4. Institutional Buildings	3	748	640	..	..	..	2	62	46	1	70	60
5. Other Buildings	..	..	..	..	..	..	..	..	..	1	67	54
Total	124	6307	5105	42	1755	1397	96	4276	3374	81	5620	4644



3.11  
in the Private Sector  
CONSTRUCTION

Municipality—Thiruvalla

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
122	8110	6474	117	8405	6818	132	9940	8046	132	11966	9808	91	8164	6623
5	823	645	2	162	130	3	691	570	1	228	187	..	..	..
14	1375	1109	9	503	404	3	478	391	4	1219	1007	1	58	47
17	2041	1639	15	1953	1582	14	2823	2293	6	322	265	9	936	754
12	2328	1895	13	2199	1783	10	798	647	5	1774	1455	3	1114	914
1	20	15	1	519	420	1	23	19	1	31	26	1	26	21
171	14697	11777	157	13741	11137	163	14753	11966	149	15540	12748	105	10298	8359

## ADDITIONS

87	2801	2210	94	3181	2376	89	3247	2629	58	2075	1781	39	1236	1002
1	15	12	..	..	..	1	19	15	..	..	..	..	..	..
2	52	40	2	73	59	1	157	128	..	..	..	..	..	..
9	485	388	17	1147	949	6	384	310	2	161	132	3	235	191
5	1013	844	10	1303	1076	4	3055	2533	1	173	137	3	1783	1456
..	..	..	1	49	40	..	..	..	..	..	..	..	..	..
104	4366	3494	124	5753	4500	101	6862	5615	61	2409	2050	45	3254	2649

## 3.12

in the Private Sector  
CONSTRUCTION

Municipality—Alleppey

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
289	16852	13539	471	26204	21312	374	20345	16483	1258	57794	47243	939	54192	44178
5	478	382	13	853	688	4	868	716	3	256	210	6	240	194
25	2583	2124	23	1129	925	17	3322	2667	23	5307	4298	20	1549	1274
56	3705	3051	48	3346	2742	21	2072	1672	46	5824	4600	46	4301	3514
12	1135	937	12	2027	1643	8	1800	1459	25	2613	2139	14	2076	1697
2	263	220	4	1252	1046	3	184	155	9	1251	1008	3	223	186
389	25016	20253	571	34811	28356	427	28591	23152	1364	73045	59498	1028	62581	51043

## ADDITIONS

1976			1977			1978			1979			1980		
122	6454	5280	104	4275	3500	106	4856	3956	164	6659	5463	127	5528	4497
1	93	79	1	56	46	1	55	45	2	148	121	2	391	317
3	346	282	2	162	131	2	104	84	4	133	108	5	182	149
5	448	352	11	360	295	6	151	121	6	134	111	10	473	388
..	..	..	2	93	76	..	..	..	5	1688	1361	3	559	455
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
131	7341	5993	120	4946	4048	115	5166	4206	181	8762	7164	147	7133	5806

TABLE  
House Building Activities in

New

Type of Building	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	274	10392	8447	196	8444	6703	172	7959	6354	140	6894	5620
(b) Non-family quarters	4	316	272	2	90	81	6	1439	1336	3	306	260
2. Industrial Buildings	32	823	780	11	387	347	4	319	279	11	762	670
3. Commercial Buildings	19	1172	1040	10	841	699	7	981	812	9	1275	1100
4. Institutional Buildings	6	711	635	4	1573	1508	2	1004	742	5	1671	1417
5. Other Buildings	10	310	277	3	62	50	8	184	145	7	635	547
Total	345	13724	11451	226	11397	9388	199	11886	9668	175	11543	9614

ALTERATIONS/

1. Dwellings												
(a) Family quarters	38	994	781	25	740	619	15	384	283	29	696	539
(b) Non-family quarters	..	..	..	1	20	13	..	..	..	..	..	..
2. Industrial Buildings	1	46	40	2	18	15	..	..	..	..	..	..
3. Commercial Buildings	2	35	33	2	245	205	2	159	128	1	40	33
4. Institutional Buildings	..	..	..	..	..	..	..	..	..	1	26	21
5. Other Buildings	..	..	..	..	..	..	..	..	..	..	..	..
Total	41	1075	854	30	1023	852	17	543	411	31	762	593

TABLE  
House Building Activities

New

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1 Dwellings												
(a) Family quarters	243	20285	18223	193	20589	16966	261	23061	18988	148	13876	11765
(b) Non-family quarters	11	1543	1270	2	862	750	4	1914	1671	5	4272	3580
2 Industrial buildings	16	1710	1638	14	2620	2310	7	1623	1424	9	901	808
3 Commercial buildings	37	6435	4174	30	3854	3300	43	7681	6503	37	11417	6113
4 Institutional buildings	12	3621	3308	3	1898	1624	10	3972	2835	2	4361	3866
5 Other buildings	1	118	111	3	3445	2980	3	855	467	1	48	35
Total	320	33717	28724	245	33268	27930	328	39106	31888	202	34875	26167

ALTERATIONS/

1 Dwellings												
(a) Family quarters	89	3908	3527	66	3256	2720	71	3267	2658	78	3585	2892
(b) Non-family quarters	1	59	52	2	563	505	3	363	333	1	25	22
2 Industrial buildings	2	152	134	9	630	544	4	404	357	1	20	18
3 Commercial buildings	20	2448	2134	14	1174	1000	22	2047	1732	22	1406	1180
4 Institutional buildings	2	283	270	3	1030	942	6	2086	1789	2	96	81
5 Other buildings	3	752	712	2	104	80	2	51	45	..	..	..
Total	117	7602	6829	96	6757	5791	108	8218	6914	104	5132	4193

3.13

## the Private Sector

## CONSTRUCTION

Municipality—Shertallai

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
196	8643	6993	151	6404	5243	271	12711	10404	472	21736	17753	498	23505	19204
1	16	13	4	229	182	3	51	41	5	853	707	12	820	676
8	213	174	10	330	270	8	401	328	9	917	756	19	2610	2142
10	573	472	11	1238	1057	8	388	319	17	2059	1689	29	3975	3285
2	36	30	..	..	..	4	896	734	5	1205	992	2	938	784
..	..	..	5	106	87	3	47	39	3	439	355	4	484	403
217	9481	7682	181	8357	6839	297	14494	11865	511	27209	22252	564	32332	26494

## ADDITION

32	1082	872	19	609	504	27	640	526	53	1608	1312	96	3386	2767
1	45	37	..	..	..	..	..	..	1	40	32	1	23	19
2	112	93	1	71	60	1	11	9	1	28	24	1	16	13
4	738	596	2	18	15	1	41	34	4	619	501	4	337	277
..	..	..	..	..	..	..	..	..	2	1104	914	1	13	11
..	..	..	..	..	..	..	..	..	1	110	90	1	112	90
39	1977	1598	22	701	579	29	692	569	62	3509	2873	104	3887	3177

3.14

## in the Private Sector

## CONSTRUCTION

Municipality—Kollayam

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
246	18431	15015	202	19381	15799	223	19549	15972	216	18974	15534	259	22101	18168
1	382	320	6	3632	2994	9	4246	3453	9	11988	9665	7	6115	5068
9	668	535	9	1056	849	3	1621	1305	3	89	73	8	2263	1844
36	6837	5813	31	7023	5684	40	9174	7533	26	9172	7485	29	9891	8125
10	4727	3982	6	2085	1650	10	5718	4685	9	5664	4583	9	4836	4065
8	1788	1553	2	2044	1635	3	69	55	1	24	20	2	45	37
310	32833	27218	256	35221	28611	288	40377	33003	264	45911	37360	314	45251	37307

## ADDITIONS

99	5713	4674	107	4113	3347	103	4253	3365	92	5014	4126	94	4519	3707
2	203	161	3	679	542	1	97	80	2	1307	1066	..	..	..
3	859	707	3	332	267	8	2149	869	3	313	257	4	904	746
20	2979	2480	10	1473	1203	9	650	536	7	1096	894	10	6735	5658
7	2343	2050	3	1057	887	4	577	463	3	877	717	4	477	396
1	55	44	3	516	424	1	75	62	..	..	..	..	..	..
132	12152	10116	129	8170	6670	126	7801	5395	107	8607	7060	112	12635	10507

TABLE  
House Building Activities  
NEW

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1 Dwellings												
(a) Family quarters	93	6370	5314	117	9002	7116	102	7904	6131	127	9753	7685
(b) Non-family quarters	7	578	493	4	271	822	2	79	64	..	..	..
2 Industrial buildings	4	387	324	12	1305	840	10	1849	1478	12	778	640
3 Commercial buildings	17	1246	1083	6	287	212	10	1315	1066	9	1714	1353
4 Institutional buildings	1	878	704	2	299	224	5	1814	1403	3	534	419
5 Other buildings	1	10	9	1	18	15	3	204	168	2	458	412
Total	123	9469	7927	142	11182	8629	132	13165	10310	153	13237	10509

## ALTERATIONS/

1 Dwellings												
(a) Family quarters	30	1528	1236	36	1602	1273	45	2192	1789	53	1883	1479
(b) Non-family quarters	1	35	28	3	866	846	1	182	144	3	658	575
2 Industrial buildings	..	..	..	1	25	20	2	422	333	1	85	68
3 Commercial buildings	1	60	49	2	221	180	2	39	30	5	845	720
4 Institutional buildings	1	116	76	2	290	227	2	66	48	1	300	225
5 Other buildings	1	37	29	..	..	..	..	..	..	..	..	..
Total	34	1776	1418	44	3004	2546	52	2901	2348	63	3771	3067

TABLE  
House Building Activities  
NEW

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1 Dwellings												
(a) Family quarters	42	3231	2701	75	5746	4657	95	8057	6533	49	4524	3827
(b) Non-family quarters	5	1608	1402	2	119	97	3	123	104	1	132	120
2 Industrial buildings	2	208	171	6	950	836	6	370	314	11	849	759
3 Commercial buildings	17	2629	2253	20	2179	1816	27	4396	3747	20	5570	4876
4 Institutional buildings	7	755	585	1	770	630	4	2053	1689	1	702	630
5 Other buildings	1	141	128	7	326	278	3	114	101	3	542	520
Total	74	8572	7240	111	10090	8314	138	15113	12488	85	12319	10732

## ALTERATIONS/

1 Dwellings												
(a) Family quarters	12	775	598	29	1454	1200	35	2106	1778	28	1782	1524
(b) Non-family quarters	1	14	10	1	31	25	..	..	..	..	..	..
2 Industrial buildings	..	..	..	2	159	137	1	40	32	2	78	69
3 Commercial buildings	1	168	148	2	47	37	5	252	220	2	217	188
4 Institutional buildings	..	..	..	2	517	440	..	..	..	4	1680	1550
5 Other buildings	..	..	..	1	42	30	..	..	..	1	310	212
Total	14	957	756	37	2250	1869	41	2398	2027	37	4067	3543

3.15

in the Private Sector

CONSTRUCTION

Municipality—Changanacherry

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
173	12545	10148	210	14521	11778	207	15273	12537	259	19490	15880	222	18317	15048
5	690	569	4	922	745	5	1782	1486	6	2353	1905	10	1752	1438
13	1530	1303	13	793	642	18	1341	1108	9	988	798	14	1079	888
12	775	630	21	1488	1212	21	1766	1435	18	2216	1811	34	6227	5146
5	677	552	5	542	446	5	2812	2351	6	858	693	10	2549	2090
2	110	88	2	72	57	3	350	291	..	..	..	2	123	101
210	16327	13290	255	18338	14880	259	23324	19208	298	25905	21087	292	30047	24711

ADDITIONS

61	2970	2389	78	2607	2129	99	3804	3123	99	3930	3201	131	5169	4238
..	..	..	2	125	101	1	19	15	3	82	67	4	655	557
2	42	31	1	43	34	3	207	170	1	96	80	2	201	165
6	121	99	5	276	217	4	257	209	6	301	246	7	447	368
1	18	16	3	4120	3464	2	315	265	3	1217	986	5	1750	1451
1	27	20	..	..	..	2	689	578	1	945	756	1	85	70
71	3178	2555	89	7171	5945	111	5291	4360	113	6571	5336	150	8307	6849

3.16

in the Private Sector

CONSTRUCTION

Municipality—Palai

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
73	4956	3985	59	4115	3329	68	4704	3816	83	7265	5943	98	8365	6889
1	18	15	2	179	151	4	759	611	1	78	64	6	2081	1712
10	617	501	5	1261	1033	5	311	253	4	381	312	5	692	575
23	1189	971	20	2411	1968	10	2003	1657	13	3079	2504	13	1935	1622
1	280	210	2	1126	913	4	1388	1126	3	789	651	3	1841	1515
..	..	..	..	..	..	1	17	14	..	..	..	..	..	..
108	7060	5682	88	9092	7394	92	9182	7477	104	11592	9474	125	14914	12313

ADDITIONS

33	1929	1558	23	1056	862	55	3909	3206	35	1746	1424	54	2360	1940
1	25	19	1	44	36	..	..	..	2	511	418	2	1029	872
2	129	105	2	271	226	1	45	36	2	425	351	1	135	115
9	1159	925	5	623	518	17	1075	867	7	517	421	6	314	260
..	..	..	3	525	429	6	1316	1068	2	203	163	..	..	..
..	..	..	..	..	..	1	185	150	..	..	..	..	..	..
45	3241	2607	34	2519	2071	80	6530	5327	48	3402	2777	63	3838	3187

TABLE  
House Building Activities

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1 Dwellings												
(a) Family quarters	55	3144	2509	76	3380	2715	58	2866	2351	89	4512	3676
(b) Non-family quarters	8	696	584	4	222	202	..	..	..	..	..	..
2 Industrial buildings	7	214	175	4	336	278	6	435	383	8	388	331
3 Commercial buildings	7	375	320	11	510	387	11	449	373	18	1529	1246
4 Institutional buildings	3	175	154	1	78	55	..	..	..	3	833	705
5 Other Buildings	..	..	..	..	..	..	1	47	45	3	54	40
Total	80	4604	3742	96	4526	3637	76	3797	3152	121	7316	5998

## ALTERATIONS

1 Dwellings												
(a) Family quarters	17	760	628	25	1423	1112	22	1216	994	19	781	604
(b) Non-family quarters	..	..	..	2	86	68	..	..	..	1	28	21
2 Industrial buildings	1	47	40	2	69	54	1	41	36	1	38	33
3 Commercial buildings	4	182	144	5	114	98	4	184	146	4	256	211
4 Institutional buildings	1	84	72	..	..	..	..	..	..	..	..	..
5 Other buildings	..	..	..	..	..	..	..	..	..	..	..	..
Total	23	1073	884	34	1692	1332	27	1441	1176	25	1103	869

3.17

## in the Private Sector

## CONSTRUCTION

Municipality—Vaikom

	1976			1977			1978			1979			1980		
	N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
100	4457	3532		121	6256	5039	129	6079	4953	174	7933	6486	140	7439	6078
9	274	225		7	179	146	6	167	136	10	250	204	2	1386	1067
10	354	273		14	1372	1111	11	880	728	9	1173	970	5	575	475
10	441	355		15	885	710	7	193	161	11	833	676	9	2130	1741
2	847	677		5	529	430	5	424	349	4	479	393	3	208	174
1	15	12		4	205	165	3	89	74	3	39	32	3	72	59
132	6388	5074		166	9426	7601	161	7832	6401	211	10707	8761	162	11810	9594

## ADDITIONS

18	714	573		24	834	672	24	1045	849	27	762	629	30	1142	929
1	68	54		..	..	..	..	..	..	..	..	..	1	64	52
1	52	40		1	9	7	1	36	30	..	..	..	..	..	..
2	60	48		2	347	282	3	139	113	2	59	48	3	90	74
..	..	..		..	..	..	1	27	22	..	..	..	2	524	426
..	..	..		..	..	..	..	..	..	..	..	..	..	..	..
22	894	715		27	1190	961	29	1247	1014	29	821	677	36	1820	1481

TABLE 3.18

## House Building Activities in the Private Sector

## NEW CONSTRUCTION

Municipality—Thodupuzha

Type of Building	1978			1979			1980		
	N	P	F	N	P	F	N	P	F
1 Dwellings:									
(a) Family quarters	6	461	381	126	10368	8532	177	15192	12407
(b) Non-family quarters	..	..	..	21	2607	1947	9	2091	1699
2. Industrial buildings	1	262	216	6	611	503	7	542	442
3. Commercial buildings	..	..	..	29	6773	5501	42	8843	7246
4. Institutional buildings	..	..	..	2	93	75	8	1601	1311
5. Others	..	..	..	1	128	106	4	408	399
Total	7	723	597	185	20580	16664	247	28677	23444

## ALTERATIONS/ADDITIONS

1. Dwellings:									
(a) Family quarters	1	10	8	24	1528	1249	33	1387	1133
(b) Non-family quarters	..	..	..	11	1195	988	4	188	152
2. Industrial buildings	..	..	..	..	..	..	..	..	..
3. Commercial buildings	2	1363	1105	7	977	797	5	574	478
4. Institutional buildings	..	..	..	3	835	693	1	303	243
5. Others	..	..	..	1	260	210	1	71	57
Total	3	1373	1113	46	4795	3937	44	2523	2063



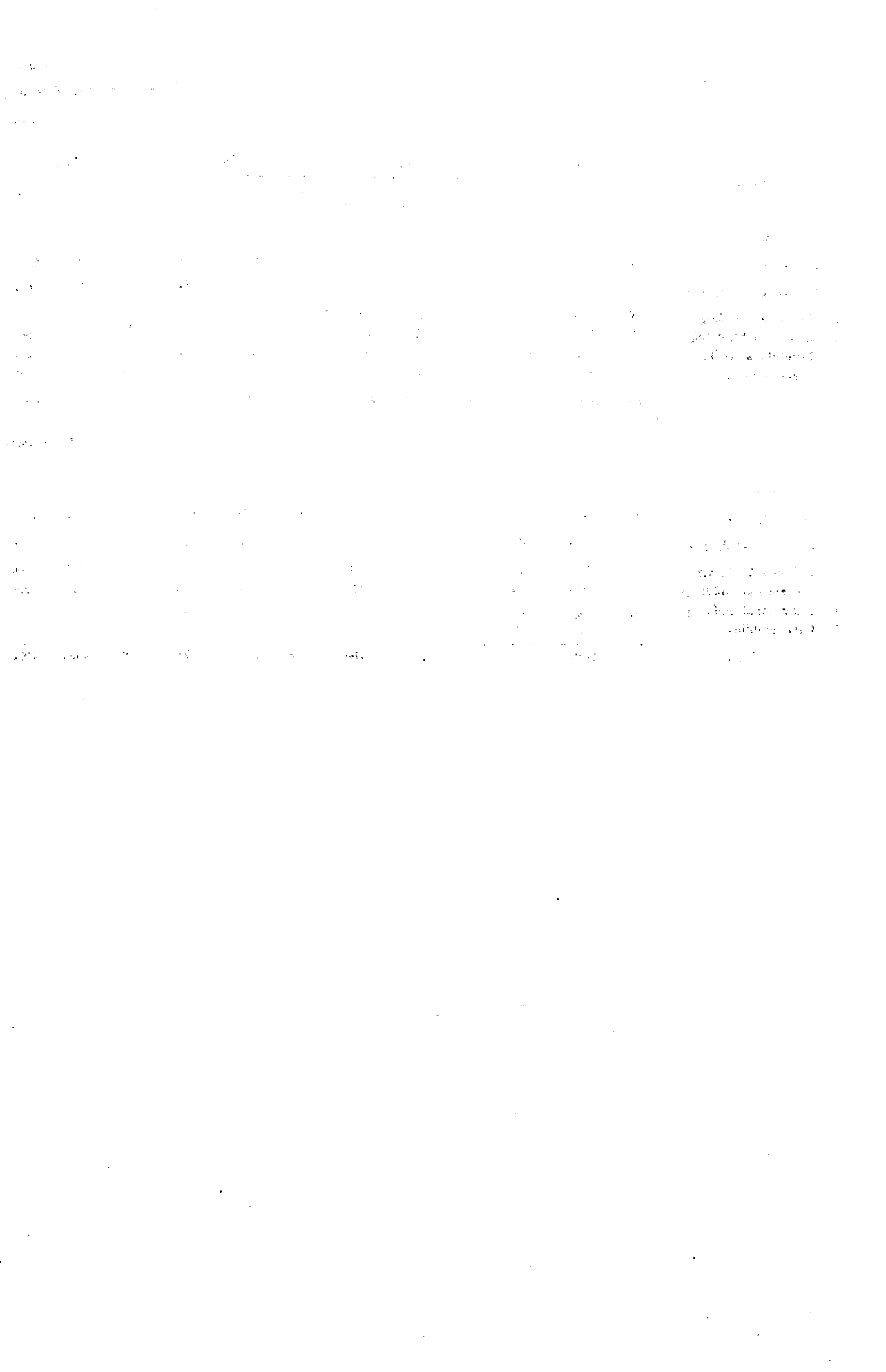


TABLE  
House Building Activities  
New

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings:												
(a) Family quarters	70	5224	4088	68	4500	3634	92	6240	5347	79	5877	4869
(b) Non-family quarters	1	45	32	..	..	..	2	367	330	1	453	413
2. Industrial buildings	4	229	207	5	378	290	..	..	..	3	181	153
3. Commercial buildings	18	1920	1474	14	1355	677	10	678	606	15	1011	844
4. Institutional buildings	3	783	632	2	555	412	2	366	350	3	740	673
5. Other buildings	2	465	435	6	407	342	..	..	..	2	55	40
Total	98	8666	6868	95	7195	5355	106	7651	6642	103	8317	6992

ALTERATIONS/

1. Dwellings:												
(a) Family quarters	47	2096	1678	27	1065	778	40	1584	1317	44	1705	1382
(b) Non-Family quarters	1	59	45	..	..	..	1	35	33	2	92	74
2. Industrial buildings	5	192	166	1	20	18	1	18	15	2	118	94
3. Commercial buildings	16	1036	824	7	526	488	11	830	723	8	738	639
4. Institutional buildings	..	..	..	..	..	..	1	95	90	..	..	..
5. Other buildings	1	25	24	..	..	..	..	..	..	..	..	..
Total	70	3408	2737	35	1611	1284	54	2562	2178	56	2653	2209

19  
in the Private Sector

CONSTRUCTION

Municipality—Muvattupuzha

	1976			1977			1978			1979			1980		
	N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
76	4972	4029		73	5100	4132	117	8596	7021	104	9441	7714	111	8640	7074
3	98	77		3	795	656	4	2022	1684	4	572	468	3	2044	1650
5	396	322		5	296	240	2	34	28	1	216	187	2	318	261
11	1104	911		9	750	605	11	1413	1185	8	1192	972	6	364	296
5	1198	995		4	783	594	6	1459	1174	1	65	53			
3	691	553								1	530	430	1	14	12
103	8549	6887		94	7724	6227	140	13524	11092	119	12016	9824	123	11380	9293

ADDITIONS

40	1840	1379		34	1299	1058	35	1262	1033	35	1721	1410	42	2331	1901
2	40	32		2	201	165				1	200	160	2	223	184
4	239	198		3	201	165									
8	503	410		2	113	92	1	61	49	2	115	95	2	77	64
2	336	279		5	880	740	1	220	180	1	333	270			
1	40	32								1	168	136			
57	2998	2330		46	2694	2220	37	1543	1262	40	2537	2071	46	2631	2149

TABLE 3.20

## House Building Activities in the Private Sector

## NEW CONSTRUCTION

Municipality—Kathmandu

Type of Buildings	1978			1979			1980		
	N	P	F	N	P	F	N	P	F
1. Dwellings									
(a) Family quarters	38	2343	1905	80	7271	5947	141	11529	9456
(b) Non-family quarters	2	261	214	4	602	491	2	127	106
2. Industrial Buildings	1	225	185	6	919	745	8	1299	1055
3. Commercial Buildings	1	55	45	8	1403	1137	5	393	327
4. Institutional Buildings	..	..	..	3	263	215	4	1465	1218
5. Others	..	..	..	1	10	8	9	948	779
Total	42	2884	2349	102	10468	8543	169	15761	12941

## ALTERATIONS/ADDITIONS

1. Dwellings									
(a) Family quarters	1	18	15	13	970	797	30	1767	1467
(b) Non-family quarters	..	..	..	1	547	445	..	..	..
2. Industrial buildings	..	..	..	1	12	10	2	108	88
3. Commercial buildings	..	..	..	1	186	151	4	142	115
4. Institutional buildings	..	..	..	4	745	600	6	2826	2302
5. Others	..	..	..	..	..	..	..	..	..
Total	1	18	15	17	2460	2003	42	4843	3972

1947

1947

1947

1947

1947

1947

TABLE  
House Building Activities  
New  
Municipality—

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	82	5353	4424	67	4375	3524	92	6240	4919	81	6157	4717
(b) Non-family quarters	1	116	94	3	149	134	..	..	..	7	1521	1948
2. Industrial Buildings	3	412	332	7	803	654	4	737	629	17	1653	1404
3. Commercial Buildings	4	373	311	10	646	495	12	739	591	20	1604	1245
4. Institutional Buildings	1	40	36	4	194	158	5	603	516	5	658	507
5. Other Buildings	2	58	33	..	..	..	12	323	246	8	279	216
Total	93	6352	5230	91	6167	4965	125	8642	6901	138	11872	9437

ALTERATIONS

1. Dwellings												
(a) Family quarters	23	986	829	17	850	687	22	764	591	42	1625	1230
(b) Non-family quarters	..	..	..	..	..	..	3	192	150	..	..	..
2. Industrial Buildings	2	328	276	1	61	54	1	74	70	5	427	345
3. Commercial Buildings	2	67	61	1	18	15	6	152	126	4	142	111
4. Institutional buildings	3	670	537	..	..	..	1	200	180	3	105	83
5. Other Buildings	..	..	..	..	..	..	2	93	25	1	10	8
Total	30	2051	1703	19	929	756	35	1415	1142	55	2309	1782

TABLE  
House Building Activities  
New  
Municipality—

Type of buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	151	7854	6098	144	7435	5739	171	9676	7687	145	8047	6522
(b) Non-family quarters	..	..	..	3	232	173	2	47	39	4	319	481
2. Industrial buildings	16	508	368	21	1244	1035	4	105	95	12	452	378
3. Commercial buildings	10	520	419	11	769	629	16	1564	1005	14	1104	884
4. Institutional buildings	1	81	72	3	164	131	4	801	702	4	204	159
5. Other buildings	2	93	73	..	..	..	1	39	31	2	70	56
Total	180	9056	7030	182	9844	7607	198	12232	9559	181	10396	8478

ALTERATIONS

1. Dwellings												
(a) Family quarters	47	1842	1488	28	1286	1003	56	2242	1802	39	1918	1553
(b) Non-family quarters	..	..	..	1	227	182	..	..	..	..	..	..
2. Industrial buildings	2	64	54	..	..	..	2	124	108	4	163	145
3. Commercial buildings	5	248	213	5	135	114	8	385	325	5	377	313
4. Institutional buildings	..	..	..	..	..	..	..	108	86	..	..	..
5. Other buildings	1	9	9	..	..	..	..	..	..	..	..	..
Total	55	2163	1764	34	1648	1299	68	2859	2321	48	2151	2011

3.21

## In the Private Sector

## CONSTRUCTION

Perumbavoor

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
74	5253	4171	80	5367	4363	103	8055	6593	97	8144	6642	82	7084	5780
2	131	106	3	1230	971	3	756	629	2	262	212	7	2149	1796
17	5104	4095	5	552	443	5	421	344	2	29	24	2	251	203
21	1329	1078	9	737	602	20	3950	3199	15	1401	1153	5	541	344
2	415	326	3	802	654	3	1085	893	3	1033	849	2	439	360
7	186	148	1	65	52	1	328	274	1	21	17	..	..	..
123	12418	9924	101	8753	7085	135	14595	11932	120	10890	8897	98	10464	8483

## ADDITIONS

37	1817	1409	29	1609	1313	29	1454	1190	28	1579	1287	26	1877	1536
4	135	104	3	282	232	2	160	129	..	..	..	6	439	366
1	28	24	4	771	634	1	54	44	2	104	86	1	62	50
9	899	731	4	314	254	7	534	418	2	302	246	3	118	96
1	47	40	..	..	..	3	..	..	3	482	400	1	2762	2340
..	..	..	1	56	45	..	..	..	2	96	79	..	..	..
52	2926	2308	41	3032	2478	39	2202	1781	37	2563	2098	37	5258	4388

3.22.

## in the Private Sector

## CONSTRUCTION

Parur

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
162	9121	7314	200	11132	9015	174	9961	8110	235	13847	11316	323	16405	13420
..	..	..	..	..	..	3	1942	1610	..	..	..	2	1144	928
18	891	704	11	365	293	7	783	646	10	445	363	7	295	241
20	1209	971	21	825	670	16	1298	1067	29	1701	1404	26	2284	1887
8	766	603	6	639	536	4	664	536	1	45	36	2	485	389
3	1656	1380	1	151	121	2	77	62	1	50	40	1	43	36
211	13643	10972	239	13112	10635	206	14725	12031	276	16088	13159	361	20656	16901

## ADDITIONS

69	3107	2501	77	3380	2751	67	3279	2674	69	3297	2694	70	3587	2943
1	90	73	1	51	41	1	48	40	..	..	..	..	..	..
6	240	194	2	71	59	..	..	..	..	..	..	3	385	320
10	526	424	9	476	396	7	401	332	10	566	462	6	374	314
3	471	356	5	443	367	4	351	288	5	763	622	..	..	..
1	10	8	1	23	18	..	..	..	..	..	..	..	..	..
90	4444	3556	95	4444	3632	79	4079	3334	84	4626	3778	79	4346	3577

TABLE 3.23

## House Building Activities in the Private Sector

## NEW CONSTRUCTION

Municipality—Thripunithura

Type of buildings	1978			1979			1980		
	N	P	F	N	P	F	N	P	F
1. Dwellings									
(a) Family quarters	35	3062	2491	265	19410	15884	344	24090	20074
(b) Non-family quarters	..	..	..	4	1496	1218	3	584	474
2. Industrial Buildings	..	..	..	4	735	601	5	892	744
3. Commercial Buildings	5	1000	816	11	955	785	16	1211	1002
4. Institutional buildings	..	..	..	7	4874	3940	5	1223	1019
5. Others	2	63	51	..	..	..	3	84	68
Total	42	4125	3358	291	27470	22428	376	28084	23381

## ALTERATIONS/ADDITIONS

1. Dwellings									
(a) Family quarters	10	597	492	46	2515	2059	97	4447	3655
(b) Non-family quarters	..	..	..	..	..	..	..	..	..
2. Industrial buildings	..	..	..	..	..	..	2	155	132
3. Commercial buildings	2	296	242	10	1384	1140	2	271	227
4. Institutional buildings	1	598	490	4	762	629	2	483	399
5. Others	..	..	..	..	..	..	..	..	..
Total	13	1491	1224	60	4661	3828	103	5356	4413





TABLE  
House Building Activities  
New  
Municipality—

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	50	5655	5510	137	10913	8690	111	7761	6038	111	9288	7538
(b) Non-family quarters	9	392	337	12	668	593	21	1557	1334	23	2725	2225
2. Industrial Buildings	2	37	28	7	877	778	6	316	275	6	551	493
3. Commercial Buildings	9	611	516	6	493	410	9	816	698	17	795	621
4. Institutional buildings	2	119	101	4	777	609	5	1846	1485	7	1369	1225
5. Other buildings	..	..	..	1	60	46	1	61	51	1	33	26
Total	72	6814	5510	167	13788	11126	153	12357	9881	165	14761	12128

## ALTERATIONS

1. Dwellings												
(a) Family quarters	7	238	201	16	848	677	28	1035	872	47	2455	2028
(b) Non-family quarters	1	19	18	1	38	27	2	46	38	1	20	16
2. Industrial Buildings	..	..	..	..	..	..	..	..	..	3	135	108
3. Commercial buildings	3	196	167	1	45	31	..	..	..	4	214	168
4. Institutional buildings	1	384	295	..	..	..	1	274	219	1	420	360
5. Other buildings	..	..	..	..	..	..	..	..	..	..	..	..
Total	12	837	681	18	931	735	31	1355	1129	56	3244	2680

TABLE  
House Building Activities  
New  
Municipality—

Type of Building	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	137	11376	9799	144	12747	10638	127	12300	10242	170	15788	13016
(b) Non-family quarters	19	1775	1545	8	476	413	8	3388	2869	5	604	529
2. Industrial buildings	12	2288	1934	6	746	672	3	419	381	13	730	623
3. Commercial buildings	30	2798	2290	24	3685	3124	17	4357	3307	16	1133	895
4. Institutional buildings	2	260	250	1	225	190	5	1027	693	7	979	855
5. Other buildings	1	45	29	2	114	96	..	..	..	..	..	..
Total	201	18542	15847	185	17993	15178	160	21491	17492	211	19234	15918

## ALTERATIONS

1. Dwellings												
(a) Family quarters	105	5153	4522	87	3216	2748	75	3811	3143	94	4757	3961
(b) Non-family quarters	4	1060	1034	2	134	127	5	204	165	4	476	415
2. Industrial buildings	6	147	126	2	469	438	1	172	157	4	314	283
3. Commercial buildings	19	1251	1143	14	1641	1378	7	1345	1136	15	1768	1559
4. Institutional buildings	4	1112	902	2	123	115	5	486	414	4	458	376
5. Other buildings	..	..	..	..	..	..	1	75	65	2	86	65
Total	138	8723	7727	107	5583	4806	94	6093	5080	123	7859	6660

3.24

## in the Private Sector

## CONSTRUCTION

Always

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
149	12742	10150	150	10742	8705	183	15963	13066	236	22380	18288	162	14752	12117
12	973	794	22	5845	4738	13	2355	1921	8	858	708	6	1192	966
11	916	748	1	56	46	7	1908	1549	6	762	617	5	695	574
14	1712	1350	19	10341	8501	16	2067	1705	13	1322	1080	14	1999	1647
4	606	500	6	1653	1373	6	1193	1011	3	1366	1128	9	4253	3488
..	..	..	..	..	..	1	212	170	4	924	745	1	42	34
190	16949	13542	198	28637	23363	226	23698	19422	270	27612	22566	197	22933	18826

## ADDITIONS

24	1661	1344	41	1743	1419	34	1661	1353	65	4520	3613	43	2446	2008
4	130	105	3	170	137	1	100	82	..	..	..	1	137	117
..	..	..	1	94	78	2	129	105	2	81	67	2	210	174
9	2077	1809	2	217	178	2	89	73	4	297	243	7	447	371
..	..	..	3	230	185	..	..	..	..	..	..	1	474	400
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
37	3868	3258	50	2454	1997	39	1979	1613	71	4898	3923	54	3714	3070

3.25

## in the Private Sector

## CONSTRUCTION

Trichur

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
238	21023	16784	254	26612	21612	370	37468	30802	322	34105	27841	223	24294	20194
2	87	70	..	..	..	4	1366	1109	2	374	308	3	1930	1601
2	125	108	4	645	516	3	69	56	5	808	661	1	186	156
16	1537	1244	19	4296	3530	15	4974	4109	11	2275	1877	21	6622	5430
5	1210	1003	9	3175	2574	8	1204	1007	1	27	22	7	2644	2178
3	1715	1453	3	473	392	7	472	381	2	86	69	3	449	376
266	25697	20662	289	35201	28624	407	45553	37464	343	37675	30778	258	36125	29935

## ADDITIONS

137	5968	4766	112	5064	4118	124	7959	6425	125	7111	5796	106	7664	6320
2	300	248	..	..	..	1	381	310	2	283	228	1	17	14
..	..	..	..	..	..	..	..	..	1	16	13	2	79	65
8	591	477	2	231	190	8	1400	1149	6	1407	1145	9	2618	2197
2	529	437	4	407	340	4	869	728	4	1163	942	7	2888	2391
..	..	..	3	616	507	4	944	779	1	135	110	1	67	55
149	7388	5928	121	6318	5155	141	11553	9391	139	10115	8234	126	13333	11042

TABLE  
House Building Activities

NEW

Municipality

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1 Dwellings												
(a) Family quarters	60	3815	3172	26	1783	1390	62	4729	3870	51	4367	3606
(b) Non-family quarters	..	..	..	..	..	..	..	..	..	1	57	39
2 Industrial buildings	..	..	..	2	292	236	9	449	356	9	462	356
3 Commercial buildings	11	992	791	8	1427	1235	9	472	380	19	1359	1132
4 Institutional buildings	..	..	..	3	183	150	3	460	366	1	168	150
5 Other buildings	1	18	11	..	..	..	1	30	25	1	39	32
Total	72	4825	3974	39	3685	3011	84	6140	4997	82	6432	5315

ALTERATIONS

1 Dwellings												
(a) Family quarters	33	1686	1474	13	1044	840	36	1684	1363	50	2183	1724
(b) Non-family quarters	..	..	..	1	26	24	2	49	44	4	697	485
2 Industrial buildings	1	18	16	..	..	..	2	125	105	8	1149	1018
3 Commercial buildings	5	476	298	2	55	44	4	476	392	9	626	534
4 Institutional buildings	1	98	92	..	..	..	..	..	..	..	..	..
5 Other buildings	3	127	105	..	..	..	..	..	..	..	..	..
Total	43	2405	1985	16	1125	908	44	2334	1904	71	4655	3761

TABLE

House Building Activities

New

Township

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1 Dwellings												
(a) Family quarters	73	7340	6121	45	3495	2808	39	3175	2556	51	4452	3499
(b) Non-family quarters	4	2031	1726	8	3704	2968	26	3181	2705	4	892	617
2 Industrial buildings	1	175	151	..	..	..	..	..	..	1	31	24
3 Commercial buildings	11	1642	1530	1	82	58	4	232	172	3	430	333
4 Institutional buildings	1	224	172	..	..	..	2	160	134	1	48	36
5 Other Buildings	..	..	..	..	..	..	1	6	3	..	..	..
Total	90	11412	9700	54	7281	5834	72	6754	5570	60	5853	4509

ALTERATIONS

1 Dwellings												
(a) Family quarters	18	1074	887	8	474	379	11	635	517	19	1072	851
(b) Non family quarters	5	699	535	1	44	32	..	819	686	1	73	58
2 Industrial Buildings	..	..	..	..	..	..	..	..	..	..	..	..
3 Commercial Buildings	5	411	337	..	..	..	..	..	..	1	105	84
4 Institutional Buildings	1	35	28	..	..	..	1	14	13	..	..	..
5 Other Buildings	..	..	..	..	..	..	..	..	..	..	..	..
Total	29	2219	1787	9	518	411	15	1468	1216	21	1250	993

3.26

## in the Private Sector

## CONSTRUCTION

## Kunnankulam

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
64	4140	3307	80	6635	5370	81	6981	5666	94	8534	6970	119	10088	8228
3	1855	1513	3	343	283	1	4238	3398	1	908	728	3	459	369
7	636	513	7	291	239	4	446	359	1	62	50	5	228	186
19	2715	2226	19	2222	1802	24	1632	1327	17	4966	4069	23	7055	5714
2	185	147	..	..	..	3	297	242	3	247	203	..	..	..
..	..	..	1	28	23	..	..	..	..	..	..	..	..	..
95	9531	7706	110	9519	7717	113	13594	10992	116	14717	12020	150	17830	14497

## ADDITIONS

41	2204	1773	55	3067	2478	42	2876	2340	65	3405	2765	79	5037	4086
1	171	136	..	..	..	..	..	..	..	..	..	1	161	134
2	52	43	2	75	61	2	120	96	1	82	65	2	108	90
3	146	115	14	1018	832	11	1147	930	14	2237	1837	11	857	697
..	..	..	1	65	52	4	1008	830	..	..	..	1	16	13
..	..	..	..	..	..	..	..	..	..	..	..	1	28	23
47	2573	2067	72	4225	3423	59	5151	4196	80	5724	4667	95	6207	5043

3.27

## in the Private Sector

## CONSTRUCTION

## Guruvayoor

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
78	6963	5656	57	6834	5505	93	8988	7315	107	11116	8168	85	9311	7645
4	2687	2258	1	1498	1198	5	5867	4738	7	8039	6413	4	5220	4393
3	1133	919	1	37	30	1	45	34	4	1052	845	3	180	146
10	1040	862	2	655	524	6	1029	835	4	547	449	10	1522	1256
2	984	865	2	574	457	..	..	..	1	230	190	2	40	33
..	..	..	..	..	..	2	130	105	..	..	..	..	..	..
97	12807	10560	63	9598	7714	107	16059	13027	123	20984	16065	104	16273	13473

## ADDITIONS

37	2559	2093	34	2276	1852	58	5124	4167	46	3797	3133	32	2758	2272
1	913	750	1	94	78	1	108	89	5	1403	1147	3	2053	1670
..	..	..	..	..	..	1	50	40	1	78	64	..	..	..
2	411	320	1	84	68	5	324	265	2	111	89	1	107	87
3	201	163	..	..	..	2	281	230	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
43	4084	3326	36	2454	1998	67	5887	4791	54	5389	4433	36	4918	4029

TABLE 3.28

## House Building Activities in the Private Sector

## NEW CONSTRUCTION

Municipality—Chavakkad

Type of Construction	1979			1980		
	N	P	F	N	P	F
1 (a) Family quarters	88	10615	8712	161	16912	13941
(b) Non-family quarters	5	131	107	5	276	227
2 Industrial buildings	2	67	55	3	55	45
3 Commercial buildings	9	1364	1112	16	2511	2076
4 Institutional buildings	1	165	136	4	376	311
5 Other buildings	..	..	..	..	..	..
Total	105	12342	10122	189	20130	16600

## ADDITIONS/ALTERATIONS

1 (a) Family quarters	20	1336	1099	26	2030	1674
(b) Non-family quarters	..	..	..	..	..	..
2 Industrial buildings	1	56	46	..	..	..
3 Commercial buildings	3	935	775	2	243	200
4 Institutional buildings	..	..	..	1	5	4
5 Other buildings	..	..	..	..	..	..
Total	24	2327	1920	29	2278	1878

TABLE 3.29

## House Building Activities in the Private Sector

## NEW CONSTRUCTION

Municipality—Angamaly

Type of Building	1978			1979			1980		
	N	P	F	N	P	F	N	P	F
1 Dwellings									
(a) Family quarters	68	5244	4271	187	12386	10090	134	10258	8419
(b) Non-family quarters	1	331	265	3	367	303	1		96
2 Industrial buildings	7	1191	978	9	10709	8591	9	1378	1124
3 Commercial buildings	6	1399	1169	19	2690	2127	6	20019	16402
4 Institutional buildings	6	2139	1764	9	1249	1027	6	1582	1298
5 Others	1	1037	862	1	253	204	3	1204	972
Total	89	11341	9309	228	27654	22342	159	34559	28311

## ADDITIONS /ALTERATIONS

1 Dwellings									
(a) Family quarters	19	984	798	18	1208	984	16	663	537
(b) Non-family quarters	..	..	..	3	129	106	..	..	..
2 Industrial buildings	..	..	..	1	85	70	1	57	46
3 Commercial buildings	5	1146	980	3	329	268	1	718	600
4 Institutional buildings	2	648	523	..	..	..	2	68	57
5 Others	..	..	..	..	..	..	..	..	..
Total	26	2778	2251	25	1751	1428	20	1506	1240

TABLE 3.30

## House Building Activities in the Private Sector

Municipality—Kodungalloor

## NEW CONSTRUCTION

Type of Building	1977			1978			1979			1980		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwelling												
(a) Family quarters	10	810	650	239	14359	11797	268	14003	11414	209	12094	9909
(b) Non-family quarters	..	..	..	1	53	43	6	3739	2227	1	875	715
2. Industrial buildings	1	5	4	6	269	222	1	46	38	3	308	252
3. Commercial buildings	1	77	62	29	1878	1549	15	982	800	23	1961	1668
4. Institutional buildings	..	..	..	2	253	212	4	791	641	..	..	..
5. Other buildings	..	..	..	6	201	166	1	2568	2064	1	246	206
Total	12	892	716	283	17013	13989	295	22129	17184	237	15484	12750

## ADDITIONS/ALTERATIONS

1. Dwellings												
(a) Family quarters	4	279	225	26	1298	1060	22	742	608	12	443	366
(b) Non-family quarters	..	..	..	..	..	..	..	..	..	..	..	..
2. Industrial buildings	..	..	..	..	..	..	..	..	..	..	..	..
3. Commercial buildings	..	..	..	1	143	118	..	..	..	1	19	16
4. Institutional buildings	..	..	..	..	..	..	..	..	..	1	36	30
5. Other Buildings	..	..	..	..	..	..	..	..	..	..	..	..
Total	4	279	225	27	1441	1178	22	742	608	14	498	412

[TABLE 3.31

## House Building Activities

NEW

Type of Building	1973			1974			1975		
	N	P	F	N	P	F	N	P	F
<b>1 Dwellings</b>									
(a) Family quarters	40	2861	2215	120	8466	6446	82	5958	4667
(b) Non-Family quarters	..	..	..	..	..	..	3	1157	1027
<b>2. Industrial buildings</b>	..	..	..	3	382	497	4	190	144
<b>3. Commercial buildings</b>	6	378	319	12	2078	1771	8	468	371
<b>4. Institutional buildings</b>	..	..	..	1	28	25	2	494	410
<b>5. Other Buildings</b>	..	..	..	1	70	54	..	..	..
<b>Total</b>	<b>46</b>	<b>3239</b>	<b>2534</b>	<b>137</b>	<b>11224</b>	<b>8793</b>	<b>99</b>	<b>8267</b>	<b>6619</b>

## ALTERATION

<b>1 Dwellings</b>									
(a) Family quarters	13	627	496	41	1831	1390	30	1660	1290
(b) Non-family quarters	..	..	..	..	..	..	..	..	..
<b>2. Industrial buildings</b>	..	..	..	2	126	102	1	303	242
<b>3. Commercial buildings</b>	1	51	41	3	216	184	1	66	55
<b>4. Institutional buildings</b>	..	..	..	2	290	241	..	..	..
<b>5. Other buildings</b>	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>14</b>	<b>678</b>	<b>537</b>	<b>48</b>	<b>2463</b>	<b>1917</b>	<b>32</b>	<b>2029</b>	<b>1587</b>

TABLE 3.32

## House Building Activities

NEW

Type of building	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
<b>1 Dwellings</b>												
(a) Family quarters	59	4533	3490	63	3871	3014	98	6513	5019	100	6745	5276
(b) Non-family quarters	..	..	..	1	265	157	2	137	104	3	744	678
<b>2. Industrial buildings</b>	3	216	199	3	145	127	1	49	41	11	1147	1003
<b>3. Commercial buildings</b>	2	317	174	1	33	26	6	517	341	7	152	114
<b>4. Institutional buildings</b>	1	339	282	2	1213	1054	4	514	433	1	76	64
<b>5. Other Buildings</b>	3	332	246	1	2	1	2	1046	794	2	35	23
<b>Total</b>	<b>68</b>	<b>5737</b>	<b>4391</b>	<b>71</b>	<b>5529</b>	<b>4379</b>	<b>113</b>	<b>8776</b>	<b>6732</b>	<b>124</b>	<b>8899</b>	<b>7158</b>

## ALTERATIONS

<b>Dwellings</b>												
(a) Family quarters	17	941	704	14	625	498	24	856	688	23	1248	964
(b) Non-family quarters	..	..	..	..	..	..	..	..	..	..	..	..
<b>2. Industrial buildings</b>	..	..	..	..	..	..	..	..	..	1	72	60
<b>3. Commercial buildings</b>	3	113	98	3	45	37	4	1283	1022	2	81	65
<b>4. Institutional buildings</b>	..	..	..	..	..	..	1	300	222	1	200	170
<b>5. Other buildings</b>	..	..	..	..	..	..	..	..	..	1	24	20
<b>Total</b>	<b>20</b>	<b>1054</b>	<b>802</b>	<b>17</b>	<b>670</b>	<b>535</b>	<b>29</b>	<b>2439</b>	<b>1932</b>	<b>28</b>	<b>1625</b>	<b>1279</b>



## in private Sector

Municipality—Chalakydy

## CONSTRUCTION

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
98	6752	5497	77	5587	4519	98	6448	5220	160	12380	10153	145	11143	9093
1	848	678	1	33	27	..	..	..	3	647	539	..	..	..
4	783	645	3	498	411	3	604	491	2	261	219	6	1679	1394
4	452	380	1	45	39	8	380	308	11	526	426	10	1566	1305
3	2268	1949	5	1350	1129	2	631	523	6	1983	1637	2	223	189
1	910	760	2	4146	3406	1	839	965	4	112	93	2	208	168
111	12013	9909	89	11659	9531	112	8902	7237	186	15909	13067	165	14819	12149

## /ADDITIONS

27	1545	1244	17	1471	1180	18	1114	913	25	1684	1387	9	467	381
..	..	..	1	157	130	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	3	552	444	1	55	45	1	62	50
2	151	121	1	20	16	1	47	38	1	306	245	1	22	18
..	..	..	2	606	500	..	..	..	2	209	168	2	994	824
..	..	..	1	492	417	..	..	..	..	..	..	..	..	..
30	2188	1782	21	2254	1826	22	1713	1395	29	2254	1845	13	1545	1273

## in the Private Sector

Municipality—Irinjalakuda

## CONSTRUCTION

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
85	6087	4876	82	6786	5512	82	5921	4821	51	4296	3506	63	6360	5190
1	565	452	1	267	223	2	1163	953	1	66	53	2	920	756
6	498	398	5	1035	869	2	82	66	2	446	362	..	..	..
7	285	222	4	208	172	4	481	393	4	766	628	1	75	60
1	128	103	6	1276	1070	2	512	426	1	378	308	2	501	405
..	..	..	2	171	134	2	1332	1108	..	..	..	..	..	..
100	7563	6051	100	9743	7980	94	9491	7767	59	5952	4857	68	7856	6411

## /ADDITIONS

23	1473	1177	6	245	204	13	502	412	10	469	387	15	780	639
2	91	75	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	1	98	80	..	..	..
..	..	..	1	36	30	1	44	36	..	..	..	..	..	..
1	137	110	1	456	376	1	625	520	..	..	..	2	40	33
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
26	1701	1362	8	737	610	15	1171	968	11	567	467	17	820	672

TABLE 3.33  
**House Building Activities in Private Sector**  
 NEW CONSTRUCTION

<i>Type of Buildings</i>	<i>Municipality—Shornur</i>					
	1979			1980		
	<i>N</i>	<i>P</i>	<i>F</i>	<i>N</i>	<i>P</i>	<i>F</i>
1 (a) Family quarters	59	3780	3064	82	6208	5062
(b) Non-family quarters	1	27	22	1	89	72
2. Industrial buildings	..	..	..	5	157	136
3. Commercial buildings	4	168	135	6	744	615
4. Institutional buildings	3	483	394	2	173	144
5. Other buildings	..	..	..	..	..	..
Total	67	4458	3615	96	7371	6029
<b>ADDITIONS/ALTERATIONS</b>						
I (a) Family quarters	6	184	150	9	386	317
(b) Non-family quarters	..	..	..	..	..	..
2. Industrial buildings	..	..	..	..	..	..
3. Commercial buildings	..	..	..	..	..	..
4. Institutional buildings	..	..	..	1	126	104
5. Other buildings	..	..	..	..	..	..
Total	6	184	150	10	512	421



TABLE  
House Building Activities  
New  
Municipality—

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
<b>Dwellings</b>												
(a) Family quarters	251	18500	15849	135	11008	8615	210	16303	12745	219	17847	14000
(b) Non-family quarters	4	783	634	6	2156	1824	6	731	523	2	1340	1078
2. Industrial buildings	18	1472	1273	9	873	724	21	1499	1226	28	2144	1800
3. Commercial buildings	45	2516	2232	20	2162	1822	23	4970	3839	43	3863	3202
4. Institutional buildings	6	582	487	2	97	76	4	1130	1011	8	2043	1741
5. Other buildings	3	266	244	2	165	132	4	1235	1053	2	170	198
<b>Total</b>	<b>327</b>	<b>24119</b>	<b>20719</b>	<b>174</b>	<b>16461</b>	<b>13193</b>	<b>278</b>	<b>25868</b>	<b>20397</b>	<b>302</b>	<b>27407</b>	<b>21959</b>

ALTERATIONS/

<b>Dwellings</b>												
(a) Family quarters	143	5886	5372	59	3469	2925	102	5726	4751	125	6664	5223
(b) Non-family quarters	3	236	200	2	200	166	1	124	113	6	435	323
2. Industrial buildings	10	721	667	8	704	620	9	863	727	18	848	688
3. Commercial buildings	39	3002	2346	18	696	555	18	1784	1288	46	3956	3378
4. Institutional buildings	6	526	441	4	1008	895	5	356	289	4	632	498
5. Other buildings	3	240	205	..	..	..	..	..	..	1	65	31
<b>Total</b>	<b>204</b>	<b>10611</b>	<b>9231</b>	<b>91</b>	<b>6077</b>	<b>5161</b>	<b>135</b>	<b>8853</b>	<b>7168</b>	<b>200</b>	<b>12600</b>	<b>10141</b>

TABLE  
House Building Activities  
New  
Municipality—

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
<b>Dwellings</b>												
(a) Family quarters	62	3351	2333	40	3042	2389	45	3200	2328	48	2950	2165
(b) Non-family quarters	1	20	20	..	..	..	1	25	19	..	..	..
2. Industrial buildings	8	488	410	4	429	365	2	194	165	6	609	526
3. Commercial buildings	4	222	186	1	232	202	..	..	..	3	229	180
4. Institutional buildings	..	..	..	..	..	..	..	..	..	3	103	73
5. Other buildings	2	671	651	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>77</b>	<b>4752</b>	<b>3600</b>	<b>45</b>	<b>3703</b>	<b>2956</b>	<b>48</b>	<b>4319</b>	<b>2512</b>	<b>60</b>	<b>3891</b>	<b>2944</b>

ADDITIONS/

<b>Dwellings</b>												
(a) Family quarters	17	553	419	9	600	485	4	202	154	4	239	161
(b) Non-family quarters	..	..	..	..	..	..	1	42	33	..	..	..
2. Industrial buildings	1	18	12	..	..	..	..	..	..	..	..	..
3. Commercial buildings	3	158	104	..	..	..	..	..	..	..	..	..
4. Institutional buildings	..	..	..	..	..	..	..	..	..	..	..	..
5. Other buildings	..	..	..	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>21</b>	<b>729</b>	<b>535</b>	<b>9</b>	<b>600</b>	<b>485</b>	<b>5</b>	<b>244</b>	<b>187</b>	<b>4</b>	<b>239</b>	<b>161</b>

3.34

## in Private Sector

## CONSTRUCTION

Palghat

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
258	20495	16480	258	22641	18352	349	30797	25040	403	35920	29379	411	34996	28557
2	286	227	4	471	378	10	3253	2699	11	1798	1454	5	1706	1376
20	1481	1184	21	2566	2017	18	1185	962	13	907	739	12	1400	1137
50	3579	2882	34	2502	2087	54	10829	8859	58	6424	5258	58	5262	4323
7	2874	2301	12	1904	1564	11	1650	1346	2	123	102	5	554	455
5	235	190	4	1885	1527	9	1957	1573	5	1818	1494	4	14354	11586
342	28950	23264	333	31969	25925	451	49671	40479	492	46990	38426	495	58272	47434

## ADDITIONS

99	4716	3765	107	5201	4393	105	6056	4907	109	4747	3899	124	7162	5832
3	290	227	6	1247	1001	5	663	544	5	695	573	2	520	422
8	365	302	14	1107	908	7	611	498	4	269	221	1	137	112
21	1178	933	17	1531	1244	13	808	656	22	2439	2000	17	2338	1931
4	214	183	4	1183	961	3	626	523	3	534	440	4	1343	1100
1	323	258	1	13	11	1	21	17	..	..	..	..	..	..
136	7086	5668	149	10282	8518	134	8785	7145	143	8684	7133	148	11500	9397

3.35

## in Private Sector

## CONSTRUCTION

Chittoor Thathamangalam

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
25	1384	1113	82	5258	4267	69	3944	3208	81	4279	3480	73	4550	3723
1	30	24	..	..	..	4	171	141	3	145	118	5	260	212
1	43	35	5	321	258	1	5	4	3	103	84	3	337	277
7	595	467	9	474	379	3	214	173	4	171	140	8	458	379
3	458	383	7	297	245	5	371	304	1	50	40	2	137	108
..	..	..	..	..	..	1	298	240	1	19	16	..	..	..
37	2510	2022	103	6350	5149	84	5003	4070	93	4767	3878	91	5736	4699

## ALTERATIONS

17	797	639	43	1789	1412	41	1838	1505	31	1415	1150	30	1214	992
3	256	206	2	95	77	2	40	33	2	87	72	..	..	..
..	..	..	1	29	23	3	256	207	..	..	..	..	..	..
2	121	96	2	53	43	1	47	38	..	..	..	2	126	104
1	239	197	2	48	39	1	160	132	..	..	..	..	..	..
..	..	..	..	..	..	1	42	35	..	..	..	..	..	..
23	1413	1138	50	2014	1624	49	2383	1950	33	1502	1222	32	1340	1096

TABLE 3.36

## House Building Activities in Private Sector

## NEW CONSTRUCTION

Municipality—Ponnani

Type of Buildings	1978			1979			1980		
	N	P	F	N	P	F	N	P	F
1 Dwellings:									
(a) Family quarters	73	5810	4739	181	14793	12158	187	15137	12434
(b) Non-family quarters	2	5457	4490	7	922	758	..	..	..
2 Industrial buildings	2	339	274	3	188	156	2	175	143
3 Commercial buildings	6	1256	1007	11	950	780	19	1358	1107
4 Institutional buildings	2	235	193	3	266	218	3	126	103
5 Others	..	..	..	..	..	..	1	747	627
Total	85	13097	10703	205	17119	14070	212	17543	14414

## ADDITIONS/ALTERATIONS

1 Dwellings:									
(a) Family quarters	58	3790	3088	63	5161	4252	47	3417	2804
(b) Non-family quarters	..	..	..	3	274	226	..	..	..
2 Industrial buildings	..	..	..	..	..	..	1	147	120
3 Commercial buildings	1	7	6	3	225	185	5	212	173
4 Institutional buildings	1	276	232	3	871	710	2	101	82
5 Others	..	..	..	..	..	..	..	..	..
Total	60	4073	3326	72	6531	5373	55	3877	3179

TABLE 3.37

## House Building Activities in Private Sector

## NEW CONSTRUCTION

Municipality—Manjeri

Type of Buildings	1978			1979			1980		
	N	P	F	N	P	F	N	P	F
1 Dwellings:									
(a) Family quarters	72	6366	5348	213	16058	13076	242	17950	14635
(b) Non-family quarters	..	..	..	1	1369	1121	3	632	524
2 Industrial buildings	2	268	217	2	282	226	4	337	276
3 Commercial buildings	5	300	243	13	1686	1375	9	494	483
4 Institutional buildings	..	..	..	1	355	284	3	975	799
5 Others	..	..	..	1	309	254	1	63	52
Total	79	6934	5808	231	20059	16336	261	20451	16769

## ADDITIONS/ALTERATIONS

1 Dwellings:									
(a) Family quarters	14	753	618	39	1645	1336	51	2906	2371
(b) Non-family quarters	..	..	..	1	184	148	..	..	..
2 Industrial buildings	..	..	..	..	..	..	1	232	186
3 Commercial buildings	2	232	193	1	52	42	1	526	435
4 Institutional buildings	1	90	74	6	1341	1090	2	738	602
5 Others	..	..	..	1	24	20	1	328	270
Total	17	1075	885	48	3246	2636	56	4730	3864



TABLE  
House Building Activities  
NEW

Type of Buildings	1973			1974			1975		
	N	P	F	N	P	F	N	P	F
1. Dwellings									
(a) Family quarters	20	1360	1066	86	6108	4747	97	7329	5484
(b) Non-family dwellings	1	125	100	2	1823	1622	..	..	..
2. Industrial Buildings	1	35	27	4	150	125	3	111	84
3. Commercial Buildings	3	250	211	8	841	689	8	364	279
4. Institutional Buildings	..	..	..	3	294	245	1	81	67
5. Other Buildings	2	261	214	..	..	..	3	190	156
Total	27	2031	1618	103	9216	7428	112	8075	6070

ADDITIONS/

1. Dwellings									
(a) Family quarters	1	91	72	6	344	248	17	1148	858
(b) Non-family dwellings	..	..	..	..	..	..	..	..	..
2. Industrial Buildings	..	..	..	..	..	..	1	37	30
3. Commercial Buildings	..	..	..	1	114	88	4	192	132
4. Institutional Buildings	..	..	..	..	..	..	4	425	363
5. Other Buildings	..	..	..	2	266	220	..	..	..
Total	1	91	72	9	724	556	26	1802	1383

TABLE  
House Building Activities  
NEW

Type of Buildings	1973			1974			1975		
	N	P	F	N	P	F	N	P	F
1. Dwellings									
(a) Family Quarters	52	3103	2429	78	5647	4280	85	6417	4979
(b) Non-family dwellings	..	..	..	1	55	44	4	273	200
2. Industrial Buildings	1	18	15	2	50	40	4	85	67
3. Commercial Buildings	4	194	156	5	493	398	7	608	493
4. Institutional Buildings	..	..	..	7	1700	1484	5	1370	1199
5. Other Buildings	..	..	..	2	513	429	3	1124	974
Total	57	3315	2600	95	8458	6675	108	9877	7912

ADDITIONS

1. Dwellings									
(a) Family Quarters	13	634	487	49	2238	1359	40	1554	1205
(b) Non-family Quarters	..	..	..	1	86	52	1	51	41
2. Industrial Buildings	..	..	..	1	7	6	1	67	53
3. Commercial Buildings	2	129	106	3	71	61	11	700	586
4. Institutional buildings	2	142	123	1	24	19	2	182	159
5. Other Buildings	..	..	..	..	..	..	..	..	..
Total	17	905	716	55	2426	1497	55	2554	2044



3.38

## in Private Sector

## CONSTRUCTION

Municipality: Tirur

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
184	14519	11587	148	11882	9658	208	19012	15589	204	20778	17056	233	23288	19073
..	..	..	2	300	248	1	1788	1500	1	2915	2465	4	1330	1082
3	222	180	5	463	382	1	45	37	1	7	6	..	..	..
21	1724	1364	12	2911	2373	19	4079	3313	20	3743	3075	22	5023	4117
4	447	360	..	..	..	4	1254	945	..	..	..	5	848	704
4	189	153	5	504	418	7	1575	1354	5	755	625	6	292	239
216	17101	13644	172	16060	13079	240	27753	22738	231	28198	23227	270	30781	25215

## ALTERATIONS

47	2193	1741	47	2384	1943	106	7010	5710	102	5613	4598	50	3029	2482
..	..	..	3	366	301	1	94	76	1	291	236	..	..	..
1	48	38	1	114	94	2	69	55	2	113	94	..	..	..
9	867	700	5	209	171	6	686	569	8	1298	1069	8	416	336
..	..	..	1	207	178	2	88	73	..	..	..	1	3	2
3	184	147	3	144	120	1	68	55	1	64	52	..	..	..
60	3292	2626	60	3424	2807	118	8015	6538	114	7379	6049	59	3448	2820

3.39

## in Private Sector

## CONSTRUCTION

Municipality: Malappuram

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
104	6391	5132	101	6761	5435	167	12109	9818	139	10983	9959	182	14098	11541
..	..	..	..	..	..	1	84	68	2	348	282	2	394	327
2	95	78	1	67	55	3	11445	9385	..	..	..	3	254	213
5	246	200	5	869	716	5	932	769	7	1818	1557	12	1252	1029
4	875	762	..	..	..	4	324	264	6	1527	1253	4	758	626
1	14	12	1	68	55	2	1350	1104	..	..	..	..	..	..
116	7621	6184	108	7765	6261	182	26244	21408	154	14676	13051	203	16756	13736

## ALTERATIONS

57	2634	2107	60	2585	2093	41	2226	1809	56	2690	2184	48	2651	2180
1	58	42	..	..	..	1	28	23	..	..	..	1	66	54
2	119	97	1	8	6	..	..	..	1	55	45	2	52	43
4	143	117	3	253	203	5	254	204	2	387	318	3	230	192
1	196	158	4	140	112	3	191	156	1	130	104	..	..	..
..	..	..	1	17	14	..	..	..	1	82	68	..	..	..
65	3150	2521	69	3003	2428	50	2699	2192	61	3344	2719	54	2999	2469

TABLE  
House Building Activities  
New

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family quarters	207	13724	10923	146	9560	7527	229	14284	11073	269	18810	12879
(b) Non-family quarters	1	33	28	..	..	..	1	274	244	..	..	..
2. Industrial Buildings	6	421	343	1	56	48	4	880	790	12	812	701
3. Commercial Buildings	26	799	636	23	1938	1066	23	1144	878	42	2698	2202
4. Institutional Buildings	3	93	79	..	..	..	2	82	67	4	673	561
5. Other Buildings	..	..	..	1	56	42	1	13	9	..	..	..
Total	243	15070	12009	171	11010	8683	260	16677	13061	327	22993	16343

ADDITIONS/

I. Dwellings												
(a) Family quarters	38	1901	1525	22	820	634	22	1051	848	32	1383	1103
(b) Non-family dwellings	3	236	192	..	..	..	1	74	67	..	..	..
2. Industrial Buildings	..	..	..	..	..	..	..	..	..	2	142	107
3. Commercial Buildings	4	128	96	1	13	12	3	294	204	9	199	156
4. Institutional Buildings	1	23	18	..	..	..	2	161	132	2	72	52
5. Other Buildings	..	..	..	..	..	..	..	..	..	..	..	..
Total	46	2288	1831	23	893	646	28	1580	1251	45	1796	1418

TABLE  
House Building Activities  
New

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
I Dwellings												
(a) Family quarters	139	13193	10746	116	11925	9505	174	14931	11820	165	15581	12222
(b) Non-family dwellings	2	1500	1327	2	247	186	4	176	147	1	695	613
2. Industrial Buildings	9	628	513	4	571	477	9	502	425	7	800	700
3. Commercial Buildings	42	3345	2844	36	2701	2159	38	2254	1811	22	1958	1498
4. Institutional Buildings	1	24	19	3	540	374	5	1177	974	2	487	394
5. Other Buildings	9	1564	1165	3	129	113	1	111	88	..	..	..
Total	202	20254	16614	164	16113	12814	231	19151	15265	197	19521	15427

ADDITIONS/

I. Dwellings												
(a) Family quarters	81	4265	3428	46	2825	2269	56	3097	2369	51	276	2093
(b) Non-family dwellings	2	296	245	..	..	..	1	705	615	..	..	..
2. Industrial Buildings	2	131	109	..	..	..	2	75	66	..	..	..
3. Commercial Buildings	21	1244	1015	8	176	135	13	571	445	12	404	339
4. Institutional Buildings	1	8	6	..	..	..	3	709	612	1	30	28
5. Other Buildings	..	..	..	..	..	..	..	..	..	1	55	45
Total	107	5944	4803	54	3001	2404	75	5157	4107	65	3256	2505

3.40

## in Private Sector

## CONSTRUCTION

Municipality—Badagara

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
366	24785	19740	331	23184	18766	444	29981	24240	526	29955	24362	492	37417	30664
1	22	18	4	2074	1787	2	1614	1310	1	26	21	2	145	117
16	1026	874	3	241	194	3	302	250	10	1456	1078	10	645	527
34	2052	1638	32	2380	2691	29	3931	3186	25	1115	910	41	3609	2953
3	155	129	8	1739	1416	..	..	..	5	655	534	3	1557	1181
1	89	72	1	98	80	1	54	43	2	384	312	..	..	..
423	28129	22471	379	30616	24936	479	35882	29029	569	33591	27217	548	43376	35442

## ALTERATIONS

40	1638	1325	37	1778	1446	40	2589	2069	36	1883	1530	55	2710	2206
1	63	50	..	..	..	..	..	..	..	..	..	..	..	..
2	101	82	..	..	..	..	..	..	..	..	..	..	..	..
15	638	511	7	500	407	6	1827	1469	4	520	425	8	2006	1656
3	184	160	..	..	..	..	..	..	..	..	..	1	80	65
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
61	2624	2128	44	2278	1853	46	4416	3538	40	2403	1955	64	4796	3929

3.41

## in Private Sector

## CONSTRUCTION

Municipality—Tellicherry

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
218	21158	17065	239	25740	20773	231	24473	19818	257	29247	23926	293	30485	25063
5	2502	1980	5	4740	3793	5	2907	2348	..	..	..	6	4371	3581
8	715	576	8	675	543	2	288	233	3	456	372	4	558	467
31	3196	2589	21	1207	983	25	5361	4311	39	6429	5276	44	7986	6608
1	39	33	4	1829	1521	6	2454	1972	6	1412	1152	10	918	755
1	32	26	..	..	..	2	1167	964	2	1081	979	2	5166	4375
264	27642	22269	277	34191	27613	271	36650	29646	307	38625	31705	359	49484	40849

## ALTERATIONS

32	1614	1308	50	2630	2123	63	4360	3537	53	3716	3028	72	6506	5372
2	46	38	2	141	113	1	54	44	1	103	83	..	..	..
2	181	145	3	296	241	2	64	54	1	25	20	..	..	..
4	112	91	2	53	43	3	88	71	1	215	176	10	1016	842
1	46	34	4	647	527	2	269	218	..	..	..	1	174	144
1	11	9	1	398	341	..	..	..	..	..	..	..	..	..
42	2010	1625	62	4165	3388	71	4835	3924	56	4059	3307	83	7696	6358

37/987/MC.

TABLE  
House Building Activities

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
	1. Dwellings											
(a) Family Quarters	179	18394	17024	96	10305	8684	175	18920	16121	166	16883	14199
(b) Non-Family Dwellings	9	1163	1005	4	1051	782	4	170	144	6	1656	1447
2. Industrial Buildings	6	269	236	10	668	587	15	1926	1578	8	1101	954
3. Commercial Buildings	57	4423	4051	34	2968	2384	36	2803	2446	25	1922	1681
4. Institutional Buildings	9	3034	2659	3	1084	966	2	228	200	5	1184	1011
5. Other Buildings	2	255	232	1	5	3	2	34	28	3	473	354
Total	262	27538	25207	148	16081	13406	234	24081	20517	213	23219	19646

ADDITIONS/

1. Dwellings												
(a) Family Quarters	64	2353	2065	40	2147	1687	46	1839	1564	65	3188	2677
(b) Non-Family Dwellings	4	475	422	2	228	149	2	112	90	1	13	12
2. Industrial Buildings	2	819	756	3	168	146	4	164	147	..	..	..
3. Commercial Buildings	20	913	759	13	475	421	14	641	519	10	962	835
4. Institutional Buildings	4	426	409	1	74	66	..	..	..	..	..	..
5. Other Buildings	..	..	..	..	..	..	..	..	..	..	..	..
Total	94	4986	4411	59	3092	2469	66	2756	2320	76	4163	3524

TABLE

House Building Activities

NEW

Type of Buildings	1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings												
(a) Family Quarters	93	7823	5828	112	8628	6684	124	9363	7213	97	6870	5350
(b) Non-Family Dwellings	2	40	30	..	..	..	2	49	43	1	28	24
2. Industrial Buildings	5	637	552	4	327	277	10	811	699	2	374	232
3. Commercial Buildings	23	2481	1800	14	1010	854	20	2595	1997	13	314	242
4. Institutional Buildings	1	83	74	..	..	..	3	70	55	2	44	34
5. Other Buildings	1	32	18	3	140	117	9	1278	1064	4	679	561
Total	125	11096	8302	133	10105	7932	168	14166	11071	119	8309	6443

ADDITIONS/

1. Dwellings												
(a) Family Quarters	25	1052	812	21	1146	909	31	2150	1718	43	2427	1952
(b) Non-Family Dwellings	1	63	53	..	..	..	..	..	..	..	..	..
2. Industrial Buildings	2	326	277	1	54	47	2	127	103	..	..	..
3. Commercial Buildings	7	688	556	..	..	..	4	175	149	6	314	263
4. Institutional Buildings	..	..	..	2	393	365	4	905	790	2	99	77
5. Other Buildings	1	230	206	2	245	206	2	106	96	1	121	105
Total	36	2359	1904	26	1838	1527	43	3463	2856	52	2961	2397

3.42

## in the Private Sector

## CONSTRUCTIONS

Municipality—Cannanore

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
224	24241	19635	240	29611	24236	287	37106	30158	207	27585	22442	320	37674	30809
1	698	587	4	2033	1643	5	1732	1413	4	1980	1596	9	6720	5557
12	1111	913	5	918	757	12	1658	1354	4	653	541	6	759	622
35	3984	3235	43	4623	3998	35	4588	3768	26	2568	2098	48	6162	5023
5	513	412	2	1596	1279	5	702	568	4	817	655	2	624	516
1	60	48	4	248	202	3	2351	1937	18	1979	1622	1	22	18
278	30607	24830	298	39029	32115	347	48137	39198	263	35582	28954	386	51961	42545

## ALTERATIONS

59	2761	2207	75	3751	3075	74	4403	3670	57	3651	2989	100	5616	4629
3	151	121	1	90	74	1	319	262	..	..	..	3	413	336
3	111	87	2	199	165	..	..	..	3	628	518	2	122	99
15	1303	1067	15	709	582	22	1203	986	6	520	428	25	3498	2853
3	538	431	3	926	748	3	361	296	3	1181	971	3	576	478
1	96	77	..	..	..	..	..	..	1	24	20	..	..	..
84	4960	3990	96	5675	4644	100	6286	5214	70	6004	4926	133	10225	8395

3.43

## in the Private Sector

## CONSTRUCTION

Municipality—Kasargode

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
127	8360	6654	74	4945	4014	160	12367	10024	180	14404	11722	178	14506	11870
1	278	221	4	125	104	3	618	481	2	219	179	3	1254	1041
7	480	384	1	214	174	6	1105	897	2	374	300	6	869	716
19	2058	1643	16	643	525	19	3781	3083	16	2251	1850	25	4978	4110
4	691	557	6	675	550	..	..	..	10	1543	1244	4	3486	2800
2	67	52	4	205	168	7	421	341	6	4651	3746	6	242	299
160	11934	9511	105	6807	5535	195	18292	14826	216	23442	19041	222	25335	20836

## ALTERATIONS

54	2550	2023	36	1694	1389	48	2519	2017	120	6197	5055	90	4443	3651
1	33	25	1	49	40	1	208	168	1	21	17	3	2386	1974
1	22	18	..	..	..	2	62	50	..	..	..	3	170	139
9	1024	818	9	1148	977	7	604	488	15	674	550	18	799	652
2	44	36	3	273	223	4	295	239	5	1557	1344	5	1437	1184
2	213	171	1	113	92	1	66	53	1	10	8	4	313	255
69	3886	3091	50	3277	2721	63	3754	3015	142	8459	6974	123	9548	7855

## House Building Activities in the

New

Type of Constructions	1971			1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
1. Residential buildings															
(i) Family quarters	1103	109152	94812	873	71438	58067	1665	238256	191388	1637	144789	115349	1472	125845	98242
(ii) Non-family dwelling places	20	9505	8219	19	3740	3037	15	2077	1721	16	8881	7319	5	1523	1195
2. Industrial buildings	14	2279	1994	10	2199	3109	13	2527	2045	16	3551	2931	36	1700	1424
3. Commercial buildings	48	9820	8310	20	14196	11385	48	2246	1803	75	6546	5240	50	2940	2359
4. Institutional buildings	11	2290	2037	3	279	122	12	1999	1596	8	1863	1489	5	699	559
5. Other buildings	167	13021	11120	39	1593	1289	163	9685	8327	56	3866	3204	18	18174	14965
Total	1363	146067	126492	964	93445	77009	1916	256790	206880	1808	169496	135532	1586	150881	118744

ALTERATIONS/

Type of Constructions	1971			1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
1. Residential buildings	267	26102	22166	215	10035	8305	239	8632	7069	338	15255	12090	352	9292	7410
(i) Family quarters															
(ii) Non-family dwelling places	17	5566	4926	2	184	155	..	..	..	2	584	470	2	57	46
2. Industrial buildings	11	2517	2146	1	118	103	..	..	..	..	..	..	2	103	82
3. Commercial buildings	14	1381	1133	5	132	102	5	343	275	7	696	578	3	252	201
4. Institutional buildings	2	981	804	1	251	230	4	313	260	2	2144	1770	1	294	235
5. Other buildings	119	16003	13135	19	571	411	19	464	368	12	584	479	3	429	325
Total	430	52550	44310	243	11291	9306	267	9752	7972	361	19263	15387	363	10427	8299

N—Number of plans sanctioned.

P—Plinth area (in sq. mtrs.)

F—Floor area (in Sq. mtrs.)

TABLE

## House Building Activities

NEW

Type of Buildings	1971			1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings															
(a) Family quarters	602	67191	53821	84	5533	4445	35	2497	1969	423	48394	35932	724	54917	43349
(b) Non-family dwellings	10	3142	2481	6	156	121	..	..	..	13	954	748	15	1506	1169
2. Industrial buildings	17	1910	1557	4	187	147	1	192	155	1	30	25	17	2252	1804
3. Commercial buildings	52	6262	5328	6	1162	928	..	..	..	11	1674	1329	41	7510	6015
4. Institutional buildings	16	1777	1457	1	2507	2131	1	51	40	9	2552	2177	14	3134	2497
5. Other buildings	126	10131	8269	7	123	102	1	6	4	9	853	626	20	3209	2670
Total	823	90413	72913	108	9668	7874	38	2746	2168	466	54457	40837	831	72528	57504

## IV.

## 4.1.

## Private Sector (City/Corporations)

## CONSTRUCTION

Corporation—Trivandrum

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
1742	144850	116806	1921	160647	129070	1647	138012	109550	2032	176478	134705	2006	233317	177048
29	6979	5357	21	9240	7160	33	13489	10656	27	25453	19179	24	20862	15599
22	4538	3681	5	2752	2512	13	6281	4986	10	2388	1784	23	2919	2208
51	9179	7382	59	7594	6388	48	10682	8142	60	13616	10643	83	8253	6230
4	1322	1066	4	1198	1051	26	8919	7026	11	6858	5167	25	6688	4956
38	2789	2274	20	8394	6846	47	2063	1660	..	..	..	1	138	110
1886	169657	136566	2030	189825	153027	1814	179446	142020	2140	224793	171478	2162	272177	206151

## ADDITIONS

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
166	7562	5903	185	8626	6997	256	10829	8560	264	16178	12479	331	20271	15326
6	605	490	1	65	56	2	859	765	3	780	585	7	1608	1207
..	..	..	..	..	..	2	1510	996	1	433	330	2	417	318
3	254	215	6	565	465	10	1293	1114	5	864	654	7	792	597
..	..	..	2	583	498	1	47	40	3	836	632	5	1409	1075
3	153	130	..	..	..	1	36	30	..	..	..	..	..	..
178	8574	6738	194	9839	8016	272	14574	11505	276	19091	14680	352	24497	18523

## 4.2.

## in the Private Sector.

## CONSTRUCTION

Corporation—Cochin

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
1417	1000534	83257	2226	147740	122746	2181	141775	110413	2144	153533	117840	889	80242	60635
32	12616	10419	20	6321	5436	17	10923	8567	11	8363	6215	10	4586	3460
17	3387	2787	27	3585	3095	21	2143	1659	27	16845	12199	16	3446	2625
80	9295	7731	115	26651	22991	156	29757	23376	102	24212	17311	110	30897	23237
9	5273	4406	25	10265	8400	14	4192	3269	15	4966	3722	16	10317	7826
43	2274	1895	12	7175	4197	..	..	..	3	293	226	3	554	414
1598	133379	110495	2425	201737	166865	2389	188790	147284	2302	208212	157513	1044	130042	98197

Type of Buildings	1971			1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings															
(a) Family quarters	196	13031	10310	40	1820	1474	21	878	690	81	4843	3800	121	5520	4423
(b) Non-family dwellings	4	688	544	..	..	..	..	..	..	1	8	7	7	432	345
2. Industrial Buildings	6	462	375	..	..	..	..	..	..	1	23	18	5	507	372
3. Commercial buildings	14	775	620	..	..	..	2	46	36	2	110	87	11	1230	948
4. Institutional buildings	5	1405	1093	..	..	..	1	51	41	2	659	520	1	173	144
5. Other buildings	21	1180	947	..	..	..	..	..	..	1	14	10	3	41	33
Total	246	17541	13889	40	1820	1474	24	975	767	88	5657	4442	148	7903	6265

N—Number of plans sanctioned

P—Plinth area (in sq. metres)

F—Floor area (in sq. metres)

TABLE  
House Building Activities

New

Type of Buildings	1971			1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings															
(a) Family quarters	433	28266	24278	268	19992	16574	244	23618	20308	440	36747	31940	630	43436	31363
(b) Non-family quarters	2	171	130	3	1752	1415	3	1223	963	38	958	786	9	539	437
2. Industrial buildings	4	701	597	5	1578	1179	7	2468	2106	..	..	..	11	1245	997
3. Commercial buildings	32	3198	2807	17	5250	4388	9	3061	2498	25	3537	2943	38	4285	3407
4. Institutional buildings	3	727	588	..	..	..	3	3010	2560	15	940	801	2	71	48
5. Others	105	6405	5426	44	1534	1273	35	2054	1740	23	1387	1166	55	3829	2888
Total	579	39468	33826	337	30106	24829	301	35434	30175	541	43569	37636	745	53405	39140

ALTERATIONS

Type of Buildings	1971			1972			1973			1974			1975		
	N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
1. Dwellings															
(a) Family quarters	145	9647	7992	82	5077	4202	92	5280	4678	107	6722	5479	218	11524	8216
(b) Non-family quarters	6	553	478	3	586	485	..	..	..	4	64	50	10	429	335
2. Industrial Buildings	3	390	321	1	90	72	2	232	181	..	..	..	4	957	770
3. Commercial Buildings	10	509	434	11	1414	1073	1	21	17	5	1429	1165	26	1568	1245
4. Institutional Buildings	1	1085	922	..	..	..	..	..	..	5	746	606	3	485	392
5. Others	20	1009	863	8	348	281	6	296	245	4	513	402	16	3374	2608
Total	185	13193	11010	105	7515	6113	101	5829	5121	125	9474	7702	277	18337	13566

N—Number of plans sanctioned.

P—Plinth area (in sq. metres)

F—Floor area (in sq. metres)



## ADDITIONS

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
284	10496	8495	361	12729	10544	374	15637	12224	396	18368	14064	169	10897	8240
5	1009	800	4	557	460	3	1291	1048	2	824	616	1	58	39
1	56	42	..	..	..	1	107	78	1	610	451	2	196	145
10	1028	746	11	1212	1035	27	4781	3646	21	2623	1974	19	7080	5212
2	430	352	3	405	203	5	455	359	2	981	753	3	1094	820
4	41	31	1	157	125	..	..	..	1	39	36	1	34	28
306	13060	10466	380	15060	12367	410	22271	17355	423	23445	17894	195	19359	14484

4.3

## in the Private Sector

## CONSTRUCTIONS

Corporation—Calico

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
1083	74557	58804	1149	78741	63924	1106	82798	65634	1339	104031	79494	1361	109545	83182
17	4981	3608	4	3651	2897	9	3914	3484	10	9821	7467	9	8190	6211
10	2173	1709	5	2328	1967	8	828	660	13	1270	965	18	1814	1369
29	3280	2547	39	7192	5717	36	9129	7393	53	8423	6236	59	14594	11038
4	1008	814	7	1988	1723	5	3756	3043	11	4824	3685	13	3193	2387
95	7475	5965	25	4686	3922	85	4705	3781	7	738	575	19	1709	1297
1238	93474	73447	1229	98586	80150	1249	105130	93995	1433	129107	98422	1479	139045	105484

## ADDITIONS

1976			1977			1978			1979			1980		
N	P	F	N	P	F	N	P	F	N	P	F	N	P	F
255	10160	7658	218	7985	6580	223	12725	10068	266	15255	11639	336	19726	15045
19	1364	991	..	..	..	1	30	27	2	263	204	4	2234	1681
8	1007	806	3	188	166	2	112	87	4	530	390	8	1832	1384
25	2059	1634	7	759	598	14	1252	1014	41	3956	3093	20	4825	3651
4	536	434	4	798	684	5	1289	1028	3	365	307	3	1060	789
38	1257	1002	5	298	228	16	669	535	2	83	66	4	464	349
349	16383	12525	257	10028	8256	261	16077	12759	318	20452	15699	375	30141	22899

## PART V

## Prices of Building Materials and Wages of Building Labour (1972-80) And Building Cost Index Numbers (1972-80)

## A. Average Annual Market Prices of Building Materials

TABLE 5.1

Commodity: Bricks		Variety: I Class									Unit: 1000 Nos.
Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1.	Trivandrum	75.00	86.00	102.50	137.50	128.75	118.75	120.00	163.75	200.00	
2.	Quilon	70.00	70.00	NA	141.50	128.75	128.75	146.25	180.00	202.50	
3.	Alleppey	..	75.62	80.75	132.50	113.13	121.25	136.67	206.25	205.00	
4.	Kottayam	80.17	79.00	174.75	205.00	137.63	128.75	156.25	220.00	223.75	
5.	Idukki	..	..	113.50	127.50	122.50	122.50	158.75	201.25	201.25	
6.	Ernakulam	87.50	77.00	86.25	121.67	113.33	107.50	141.25	181.25	181.25	
7.	Trichur	90.00	86.00	97.50	121.25	156.25	152.50	192.50	247.50	285.00	
8.	Palghat	..	78.00	86.75	126.25	140.00	113.75	115.00	160.00	195.00	
9.	Malappuram	..	..	CW 575.00	CW 400.00	..	CW 500.00	CW 500.00	634.00	775.00	
10.	Kozhikode	300.00	314.00	CW 434.25	CW 518.00	CW 530.00	CW 527.50	CW 562.00	692.50	827.50	
11.	Cannanore	248.12	270.00	CW 399.75	CW 500.00	CW 500.00	CW 500.00	CW 537.50	737.50	807.50	

C.W.—Commonwealth variety

TABLE 5.2

Commodity: Sand (Medium)		Variety: River Sand									Unit: M3 (C.M.)
Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1.	Trivandrum	11.00	14.00	15.00	20.00	20.50	23.00	23.85	26.45	26.45	
2.	Quilon	9.00	13.50	14.63	16.50	17.63	19.50	25.00	27.37	36.25	
3.	Alleppey	13.00	15.25	20.19	26.18	25.05	27.82	29.13	42.79	42.35	
4.	Kottayam	12.33	15.00	18.17	22.33	22.50	24.63	28.75	32.75	40.25	
5.	Idukki	..	..	NA	19.95	20.67	19.00	20.00	21.75	23.75	
6.	Ernakulam	10.00	10.00	11.50	13.10	13.00	15.00	21.50	24.25	31.00	
7.	Trichur	9.88	10.00	11.25	14.63	18.23	19.58	27.00	31.75	47.38	
8.	Palghat	9.50	10.33	13.25	12.75	13.50	12.00	12.25	13.00	17.75	
9.	Malappuram	..	12.00	13.00	11.88	11.00	12.25	16.00	16.00	23.25	
10.	Kozhikode	12.15	12.75	16.75	19.06	19.08	25.00	27.25	40.00	50.00	
11.	Cannanore	12.37	13.81	16.63	19.13	17.50	19.25	21.00	30.00	30.00	

TABLE 5.3

Commodity: Stone Ballast

Variety: 15 M.M. Gauge

Unit: M<sup>3</sup>

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Trivandrum	36.00	42.75	46.00	50.00	50.00	55.25	60.76	71.90	74.10
2.	Quilon	38.50	41.25	44.00	53.00	48.25	50.00	56.75	71.25	83.75
3.	Alleppey	60.00	60.00	—	85.36	108.23	106.00	105.90	123.52	132.85
4.	Kottayam	50.00	50.00	65.00	70.00	72.63	..	79.00	80.00	..
5.	Idukki	—	..	—	49.50	—	..	—	40.66	43.63
6.	Ernakulam	45.00	45.00	46.00	49.00	48.00	..	..	..	..
7.	Trichur	38.50	38.06	44.25	49.75	52.00	54.00	62.65	76.40	92.60
8.	Palghat	..	41.00	48.50	52.63	63.00	56.00	56.50	60.00	68.75
9.	Malappuram	..	34.75	46.75	50.67	55.00	55.00	65.00	76.00	85.50
10.	Kozhikode	60.00	61.25	63.00	65.00	65.00	71.25	71.25	92.50	110.00
11.	Cannanore	60.50	64.69	77.00	83.00	81.25	80.00	81.25	107.50	120.00

TABLE 5.4

Commodity: Stone Ballast

Variety: 20 M.M.

Unit: M<sup>3</sup>

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Trivandrum	30.00	34.13	37.50	44.00	44.50	49.75	54.23	64.88	67.05
2.	Quilon	32.50	32.63	33.00	40.00	40.25	42.00	47.25	65.00	78.75
3.	Alleppey	..	46.00	61.13	68.05	89.81	82.09	23.93	105.87	114.70
4.	Kottayam	44.00	44.00	53.75	56.50	60.31	72.73	74.25	75.87	89.25
5.	Idukki	..	..	—	38.00	36.25	35.38	36.25	37.25	40.25
6.	Ernakulam	40.25	40.00	43.38	47.63	47.50	..	—	—	—
7.	Trichur	35.00	35.00	43.00	48.50	50.00	50.40	59.15	72.90	87.45
8.	Palghat	33.37	37.00	39.00	39.38	42.13	38.50	38.50	43.50	53.75
9.	Malappuram	..	30.50	38.25	41.33	48.33	50.00	60.00	68.75	75.38
10.	Kozhikode	49.50	51.25	55.00	55.00	55.00	64.50	66.25	86.25	100.00
11.	Cannanore	55.00	56.94	69.33	75.00	75.00	75.00	76.25	102.50	115.00

TABLE 5.5

Commodity: Stone Ballast

Variety: 40 M.M.

Unit: M<sup>3</sup>

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Trivandrum	20.00	22.75	26.00	28.50	29.25	34.25	40.06	52.22	52.90
2.	Quilon	22.00	22.38	22.00	25.75	30.25	32.00	41.13	51.25	61.00
3.	Alleppey	30.00	31.25	40.13	51.96	61.74	54.75	67.05	78.93	82.89
4.	Kottayam	28.00	28.00	35.38	37.25	42.58	52.50	60.00	60.00	71.88
5.	Idukki	..	..	..	30.56	27.00	28.06	29.25	34.12	37.50
6.	Ernakulam	35.50	35.00	36.50	38.25	39.00	..	..	..	..
7.	Trichur	26.00	26.00	32.75	38.25	40.30	41.60	50.35	64.10	74.83
8.	Palghat	24.50	26.00	26.40	25.50	25.67	25.00	25.25	30.00	39.00
9.	Malappuram	..	24.00	25.00	33.74	33.75	35.00	45.00	56.50	63.25
10.	Kozhikode	38.25	41.25	45.50	40.00	45.00	40.88	40.50	53.75	60.00
11.	Cannanore	37.50	43.00	55.38	58.67	50.00	50.00	51.25	75.00	80.00

TABLE 5.6

Commodity: Lime		Variety: Slaked									Unit: M <sup>3</sup>
Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1.	Trivandrum	60.00	71.25	110.50	113.00	113.00	113.00	115.00	131.50	143.00	
2.	Quilon	50.00	68.25	87.50	95.00	110.00	110.00	113.33	115.00	120.00	
3.	Alleppey	60.00	71.25	86.50	97.45	113.00	112.10	130.13	156.52	182.01	
4.	Kottayam	65.99	70.00	84.50	102.25	102.42	131.00	138.25	160.00	174.50	
5.	Idukki	..	..	106.56	97.25	88.00	81.13	84.34	106.00	117.00	
6.	Ernakulam	63.37	76.25	104.00	101.75	98.00	97.94	98.00	105.00	105.00	
7.	Trichur	75.25	80.35	92.25	103.00	102.00	113.00	119.25	..	284.00	
8.	Palghat	..	85.00	152.25	200.00	..	175.00	181.25	200.00	222.50	
9.	Malappuram	..	87.50	NA	83.00	105.00	105.00	105.00	108.75	116.25	
10.	Kozhikode	70.00	78.25	79.75	92.06	93.69	99.38	120.15	154.45	176.50	
11.	Cannanore	70.00	71.38	74.38	77.00	81.13	80.00	80.00	93.50	230.00	

TABLE 5.7

Commodity: Lime		Variety: Unslaked									Unit: M <sup>3</sup>
Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1.	Trivandrum	77.50	102.50	160.32	163.02	150.82	148.50	157.00	192.00	208.00	
2.	Quilon	71.25	96.25	117.50	120.00	130.00	130.00	138.25	140.00	145.00	
3.	Alleppey	80.00	91.25	127.50	128.17	157.00	164.00	195.80	230.70	269.09	
4.	Kottayam	80.00	90.00	95.75	160.69	163.00	245.75	261.00	297.00	319.13	
5.	Idukki	..	..	140.00	140.50	143.00	141.00	150.00	174.50	179.00	
6.	Ernakulam	..	..	133.75	129.25	124.00	124.00	124.00	135.00	135.00	
7.	Trichur	112.12	118.50	128.50	135.50	147.00	161.00	161.00	..	347.50	
8.	Palghat	120.00	127.50	150.50	157.50	275.00	300.00	266.62	300.00	332.50	
9.	Malappuram	..	180.00	180.00	165.00	175.00	175.00	175.00	176.50	181.75	
10.	Kozhikode	164.00	167.50	186.00	188.00	212.00	215.38	244.26	299.20	340.65	
11.	Cannanore	167.50	170.00	204.00	200.25	181.00	184.25	185.00	244.75	466.50	

TABLE 5.8

Commodity: Timber		Variety: Teak									Unit: M <sup>3</sup>
Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1.	Trivandrum	1468.00	1878.75	2449.00	3032.00	3408.00	3495.00	3502.50	6261.00	8575.31	
2.	Quilon	1596.00	1734.00	2118.00	2724.00	2824.00	2867.00	3142.50	4764.50	4896.75	
3.	Alleppey	1483.00	1641.25	2166.00	2671.00	2470.00	2690.00	3443.25	5145.81	5293.50	
4.	Kottayam	1556.00	1562.50	2252.00	2870.00	2938.00	2940.00	3529.00	4058.35	4725.00	
5.	Idukki	..	..	..	..	..	..	..	..	..	
6.	Ernakulam	1613.00	1434.00	2100.00	2437.00	2885.00	2965.00	3777.10	5083.27	5980.95	
7.	Trichur	1500.00	1431.00	1663.00	1845.00	2481.00	2312.00	2887.08	4128.50	5287.13	
8.	Palghat	..	1050.00	1071.00	1638.00	1820.00	1797.00	1775.00	1937.50	2837.50	
9.	Malappuram	..	1096.00	1350.00	1575.00	1400.00	1551.00	1840.00	2637.50	3177.50	
10.	Kozhikode	1513.00	1637.50	1760.00	1736.00	1923.00	2165.00	2642.00	3618.75	4324.93	
11.	Cannanore	1328.00	1456.00	..	1912.00	1981.00	2512.00	2671.25	3926.75	5190.75	

TABLE 5.9

Commodity: Timber

Variety: Jack

Unit: M<sup>3</sup>

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Trivandrum	703.00	676.00	676.00	1271.00	1267.00	1271.00	1275.50	2195.44	3017.30
2.	Quilon	..	956.00	960.00	1588.00	1412.00	1412.00	1607.50	3176.10	3264.33
3.	Alleppey	700.00	822.00	872.00	1085.00	1274.00	1389.00	1653.61	2711.80	2999.65
4.	Kottayam	..	705.00	806.00	1073.00	1260.00	1295.00	1330.00	1645.00	2100.00
5.	Idukki	..	..	665.00	840.00	..	..	..	..	..
6.	Ernakulam	809.00	805.00	910.00	910.00	1412.00	1412.00	1853.25	2488.65	3238.48
7.	Trichur	650.00	636.00	710.00	866.00	..	..	1543.00	2725.00	3150.00
8.	Palghat	700.00	758.00	892.00	1046.00	1092.00	1072.00	1094.00	1175.00	1775.00
9.	Malappuram	..	875.00	875.00	1083.00	1223.00	1390.00	1509.00	1937.50	2745.00
10.	Kozhikode	..	900.00	880.00	1025.00	1175.00	1329.00	1765.50	2559.67	3133.36
11.	Cannanore	656.00	795.00	962.00	1129.00	1256.00	1394.00	1661.25	2596.00	2860.25

TABLE 5.10

Commodity: Timber

Variety: Anjily

Unit: M<sup>3</sup>

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Trivandrum	705.00	676.00	908.00	1271.00	1267.00	1250.00	1275.00	2195.44	3493.71
2.	Quilon	..	904.00	1044.00	1235.00	1323.00	1235.00	1384.25	3176.10	3264.30
3.	Alleppey	700.00	811.25	967.00	1172.00	1274.00	1390.00	1653.61	2711.80	2999.65
4.	Kottayam	720.00	705.00	776.00	1067.00	1242.00	1225.00	1260.00	1575.00	1750.00
5.	Idukki	..	..	665.00	840.00	..	..	..	..	..
6.	Ernakulam	810.00	718.75	910.00	910.00	1412.00	1412.00	1853.25	2488.65	3238.48
7.	Trichur	650.00	638.33	748.00	907.00	1249.00	1295.00	1618.25	2385.00	3192.75
8.	Palghat	713.00	758.00	875.00	1092.00	..	1242.00	..	..	..
9.	Malappuram	..	NA	875.00	1047.00	1050.00	1200.00	1800.00	2000.00	2025.00
10.	Kozhikode	701.00	828.00	756.00	965.00	918.00	1111.00	1500.50	..	2426.59
11.	Cannanore	730.00	530.00	927.00	1094.00	1362.00	1393.00	1651.25	2558.50	2860.25

TABLE 5.11

Commodity: Timber

Variety: Mango Planks

Unit: M<sup>3</sup>

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Trivandrum	301.00	351.18	402.00	424.00	467.00	555.00	635.00	1277.27	1985.06
2.	Quilon	329.00	238.00	..	424.00	565.00	582.00	633.75	970.47	1146.93
3.	Alleppey	331.00	355.75	426.00	490.00	494.00	520.00	669.22	964.69	1058.70
4.	Kottayam	350.00	375.00	413.00	455.00	560.00	665.00	700.00	831.25	980.00
5.	Idukki	..	..	..	358.00	..	..	..	..	..
6.	Ernakulam	350.00	525.00	453.00	510.00	635.00	..	953.10	1217.85	1270.80
7.	Trichur	371.00	410.00	465.00	500.00	527.00	..	738.40	1050.00	2117.00
8.	Palghat	280.00	288.75	396.00	418.00	473.00	469.00	647.50	731.25	900.00
9.	Malappuram	..	290.00	342.00	354.00	350.00	382.00	555.50	700.00	1020.00
10.	Kozhikode	287.00	376.75	455.00	441.00	491.00	539.00	677.25	847.56	1006.34
11.	Cannanore	260.00	308.00	415.00	424.00	585.00	718.00	791.25	1179.25	1488.50

TABLE 5.12

Commodity: Cement

Variety: Shankar Brand

Unit: M.T.

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Trivandrum	250.00	257.53	336.64	397.75	404.35	410.50	459.40	564.25	589.10
2.	Quilon	250.00	259.24	331.75	405.96	396.09	398.00	462.95	555.45	603.87
3.	Alleppey	256.00	260.98	332.20	400.20	424.08	427.00	486.56	667.91	672.10
4.	Kottayam	255.00	258.02	326.46	390.70	414.99	418.00	521.70	571.75	661.75
5.	Idukki	..	..	348.40	400.80	425.00	456.00	462.85	586.12	652.08
6.	Ernakulam	249.00	254.65	341.80	389.84	394.51	397.75	444.49	514.26	561.73
7.	Trichur	250.00	249.00	353.53	397.82	404.31	413.76	486.11	572.75	611.35
8.	Palghat	247.00	258.75	305.00	397.02	400.48	403.30	456.05	531.91	583.56
9.	Malappuram	..	257.90	336.59	399.34	396.75	404.79	468.11	576.00	631.50
10.	Kozhikode	250.00	259.45	320.15	403.93	395.33	387.50	432.85	540.80	606.73
11.	Cannanore	249.00	255.65	333.93	390.37	394.85	389.33	432.00	509.54	..

TABLE 5.13

Commodity: M.S. Round Bars

Variety: 6 M.M.diameter

Unit: M. T.

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Trivandrum	2115.00	2069.63	2637.50	2170.75	2244.96	2213.00	2787.50	4265.00	5192.00
2.	Quilon	2053.00	2080.00	2637.50	2203.00	2225.20	2250.00	2745.00	3868.50	5874.00
3.	Alleppey	2050.00	2168.00	2600.00	2100.00	2154.63	2196.50	2797.40	4053.70	5461.00
4.	Kottayam	2188.00	2137.50	2600.00	2187.50	2201.25	2237.00	2825.00	3981.25	5000.00
5.	Idukki	..	..	2850.00	2450.00	2368.75	2287.50	3112.50	4525.00	5200.00
6.	Ernakulam	2021.00	1994.40	2482.00	2130.00	2137.50	2133.50	2656.50	3775.00	4853.40
7.	Trichur	2025.00	2112.50	2450.00	2137.50	2199.50	2215.00	2687.00	3862.50	4862.50
8.	Palghat	2060.00	2137.50	2752.75	2256.33	2288.75	2282.50	2908.00	3857.00	4814.00
9.	Malappuram	..	2300.00	NA	..	..	..	..	4500.00	5150.00
10.	Kozhikode	2090.00	2090.00	2562.50	2186.00	2200.00	2146.25	2756.00	3980.00	4875.00
11.	Cannanore	2118.00	2139.83	2556.25	2126.67	2265.00	2287.50	2625.00	4143.50	4962.00

TABLE 5.14

Commodity: M.S. Round Bars

Variety: 10 M.M.

Unit: M.T.

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Trivandrum	2114.00	2069.63	2595.00	2105.00	2167.50	2170.00	2687.50	4125.00	4700.00
2.	Quilon	2053.00	2087.00	2637.50	2130.50	2157.50	2150.00	2615.50	3812.50	4545.00
3.	Alleppey	2050.00	2168.00	2600.00	2087.50	2135.00	2150.00	2637.50	3912.50	4875.00
4.	Kottayam	2187.00	2137.50	2550.00	2112.50	2125.00	2112.50	2650.00	3930.00	4762.50
5.	Idukki	..	..	3062.50	2450.00	2381.25	2293.75	3000.00	4387.50	4975.00
6.	Ernakulam	2041.00	2040.40	2472.00	2011.25	2065.00	2087.50	2609.33	3825.00	4500.00
7.	Trichur	2000.00	2100.00	2440.00	2025.00	2102.50	2130.00	2636.00	3812.50	4637.50
8.	Palghat	2131.00	2112.50	2842.50	2083.33	2133.75	2165.00	2765.50	3825.00	4437.50
9.	Malappuram	..	2300.00	2200.00	..	..	..	..	4400.00	4825.00
10.	Kozhikode	2053.00	2090.00	2562.50	2113.50	2091.00	2140.00	2625.00	3775.00	4625.00
11.	Cannanore	2105.00	2300.13	2556.25	2050.00	2110.00	2112.50	2587.50	3779.00	4621.00

TABLE 5.15

Commodity: M.S. Round Bars

Variety: 12 m.m.

Unit: M.T.

Sl. No.	Centre	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Trivandrum	2140.00	2050.00	2595.00	2105.00	2160.00	2170.00	2675.00	4175.00	4675.00
2.	Quilon	2065.00	2087.50	2637.50	2117.50	2157.00	2150.00	2615.50	3762.50	4500.00
3.	Alleppey	2050.00	2168.00	2466.67	2087.50	2135.00	2162.50	2637.50	3912.50	4875.00
4.	Kottayam	2212.99	2137.50	2562.50	2100.00	2150.00	2112.50	2618.75	3930.00	4762.50
5.	Idukki	..	..	3062.50	2450.00	2381.25	2287.50	2987.50	4367.50	4950.00
6.	Ernakulam	2110.00	2016.90	2472.00	2011.25	2065.00	2068.75	2613.25	3800.00	4500.00
7.	Trichur	2000.00	2100.00	2440.00	2012.50	2112.00	2130.00	2636.00	3812.50	4637.50
8.	Palghat	2119.00	2237.50	2842.50	2083.33	2193.75	2160.00	2765.50	3825.00	4437.50
9.	Malappuram	..	2275.00	..	..	..	..	..	4400.00	4825.00
10.	Kozhikode	2078.00	2096.67	2562.50	2113.50	2091.00	2145.00	2625.00	3775.00	4625.00
11.	Cannanore	2105.00	2300.25	2556.25	2050.00	2110.00	2212.50	2587.50	3941.50	4696.00

TABLE 5.16

Commodity: M.S. Flat Iron

Variety: 30 x 12 m. m.

Unit: M.T.

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Trivandrum	208.00	2297.88	3000.00	2500.00	2275.00	2337.50	2875.00	4492.50	4925.00
2.	Quilon	2194.00	2094.25	2850.00	2262.50	2250.00	2250.00	2637.50	3900.00	4671.50
3.	Alleppey	2275.00	2229.75	2785.00	2312.50	2275.00	2287.50	2900.00	4125.00	4950.00
4.	Kottayam	2237.00	2158.75	2712.00	2366.67	2350.00	2337.50	2900.00	4225.00	4830.00
5.	Idukki	..	..	3500.00	2783.33	2278.75	2230.00	2925.00	4550.00	5287.50
6.	Ernakulam	2000.00	2120.00	2632.50	2150.00	2140.00	2170.00	2725.00	4037.50	4700.00
7.	Trichur	2200.00	2333.33	2700.00	2300.00	2216.71	2200.00	2787.50	4100.00	4950.00
8.	Palghat	2169.00	2250.00	2700.00	2325.00	2271.00	2270.00	2775.00	3575.00	4400.00
9.	Malappuram	..	2250.00	..	..	..	..	..	4750.00	5152.50
10.	Kozhikode	2185.00	2204.00	2700.00	2216.67	2294.00	2318.75	2900.00	..	..
11.	Cannanore	2258.00	2488.67	2731.25	2362.50	2331.25	2400.00	2787.50	4546.00	4913.33

TABLE 5.17

Commodity: Angle Iron

Variety: 25 x 25 m.m.

Unit: M.T.

Sl. No.	Centre	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Trivandrum	2268.00	2310.62	3000.00	2587.50	2433.33	2375.00	2850.00	4492.50	4987.50
2.	Quilon	2220.00	2144.25	2833.33	2237.50	2250.00	2250.00	2687.50	3925.00	4532.50
3.	Alleppey	2000.00	2229.75	2746.67	2318.75	2281.25	2300.00	2900.00	4125.00	4950.00
4.	Kottayam	2185.00	2160.00	2850.00	2550.00	2425.00	2375.00	2900.00	4212.50	4887.50
5.	Idukki	..	..	3000.00	2837.50	2281.25	2262.50	3125.00	4562.50	5350.00
6.	Ernakulam	2128.00	2180.40	2712.50	2206.25	2181.25	2157.50	2750.00	4125.00	4650.00
7.	Trichur	2125.00	2366.67	2725.00	2312.50	2250.00	2250.00	2899.00	4237.50	5025.00
8.	Palghat	2162.00	2275.00	2750.00	2316.67	2278.75	2300.00	2837.50	3937.50	4840.00
9.	Malappuram	..	2150.00	..	..	..	..	..	4900.00	5375.00
10.	Kozhikode	2186.00	2228.25	2843.75	2333.33	2333.33	2250.00	2800.00	..	4875.00
11.	Cannanore	2233.00	2513.33	2781.25	2387.50	2337.00	2350.00	2787.00	4408.50	4920.00

TABLE 5.18

Commodity: Binding Wire

Variety: Galvanised (22 m.m.)

Unit: M.T.

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	4875.00	4666.67	8710.00	7517.50	6470.00	6907.50	7302.50	7676.75	11560.00
2	Quilon	4785.00	4250.00	7910.00	6956.50	7000.00	6750.00	7103.33	8250.00	10758.75
3	Alleppey	4350.00	5000.00	7750.00	7250.00	6812.50	7520.00	7953.00	9787.50	11605.00
4	Kottayam	4450.00	4875.00	7875.00	7125.00	6712.50	6950.00	8000.00	9500.00	9762.50
5	Idukki	..	..	8333.33	7400.00	7250.00	8500.00	8125.00	10037.50	11500.00
6	Ernakulam	4575.00	4669.25	6760.00	6322.50	6021.00	6682.00	6656.00	8375.00	10000.00
7	Trichur	4788.00	4773.67	6891.67	7125.00	5911.67	6200.00	7550.00	8750.00	10500.00
8	Palghat	4613.00	4725.00	7280.00	7450.00	7280.00	7280.00	7006.67	7005.00	7695.00
9	Malappuram	..	4687.50	5000.00	7433.33	7500.00	7500.00	7500.00	7675.00	10190.00
10	Kozhikode	4147.00	5105.00	6475.00	7028.00	7028.00	7028.00	4250.00	5625.00	..
11	Cannanore	4550.00	4855.00	5625.00	7000.00	6746.67	6860.00	6800.00	7300.00	9600.00

TABLE 5.19

Commodity: Asbestos (Cement sheets)

Variety: Corrugated

Unit: M.T.

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	1131.00	1312.88	1987.00	1859.65	2214.50	2214.50	2398.27	2816.19	3171.29
2	Quilon	1160.00	1368.03	1738.28	1757.98	2071.00	2071.00	2366.35	2850.83	3143.59
3	Alleppey	1064.00	1259.93	1547.25	1722.75	2080.00	2080.00	2158.53	2491.29	2859.17
4	Kottayam	1070.00	1369.60	1738.00	1879.05	2117.00	2117.00	2300.00	2677.95	3026.97
5	Idukki	..	..	2077.50	2132.00	..	..	2302.50	2742.50	2875.00
6	Ernakulam	1055.00	1135.00	1475.00	1662.00	1873.75	1873.75	1950.00	2000.00	2000.00
7	Trichur	..	1200.18	1452.50	1839.44	2030.75	2030.75	2523.38	2799.00	3600.00
8	Palghat	1060.00	1142.50	1481.33	1714.50	1918.75	1918.75	1898.13	2233.07	2431.90
9	Malappuram	..	1135.00	1326.23	1717.52	1959.25	1959.25	2113.62	2234.65	2698.50
10	Kozhikode	1055.00	1235.00	1449.50	1814.00	2180.75	2180.75	2445.25	2840.70	2951.28
11	Cannanore	1008.00	1296.84	1669.00	1899.25	2156.50	2156.50	2249.75	2511.25	2938.75

TABLE 5.20

Commodity: Asbestos (Cement sheets)

Variety: Plain

Unit: M.T.

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	1282.00	1467.98	1829.00	2030.53	1837.20	2031.75	2754.20	3210.15	3619.35
2	Quilon	1229.00	1469.06	1727.14	2032.74	2018.41	2062.00	2374.47	3059.11	3227.83
3	Alleppey	1363.00	1542.04	1609.00	1937.50	2437.00	2559.00	2611.56	3028.16	3380.28
4	Kottayam	1295.00	1730.00	2212.00	1967.10	2371.91	2570.50	2759.50	3200.58	3649.50
5	Idukki	..	..	1848.00	2050.00	2051.33	..	2709.25	2822.35	2855.59
6	Ernakulam	1372.00	1470.00	1650.00	1905.50	1905.50	1987.06	1962.50	2050.00	2050.00
7	Trichur	1300.00	1325.00	1618.75	2325.82	2302.75	2425.00	2856.25	2910.00	3198.67
8	Palghat	..	1380.00	1877.75	2098.42	2186.69	2289.00	2156.25	2455.50	2712.33
9	Malappuram	..	1362.00	1608.67	1886.50	2302.57	2353.75	2354.00	2628.50	3463.60
10	Kozhikode	1206.00	1606.33	2090.50	2309.96	2569.50	2638.50	2833.00	3240.65	3393.40
11	Cannanore	1324.00	1464.50	1909.50	2448.00	2267.88	2550.00	2608.75	2828.75	3400.00



TABLE 5.21

Commodity: Tiles

Variety: Mangalore

Unit: 1000 Nos.

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	270.00	300.00	401.50	488.19	483.91	492.50	565.25	752.42	891.45
2	Quilon	225.00	293.00	333.50	477.31	461.80	437.00	509.65	760.74	858.51
3	Alleppey	305.00	305.00	450.00	435.00	447.50	470.00	555.00	798.75	835.00
4	Kottayam	300.00	NA	447.50	488.33	443.75	450.00	543.75	818.75	931.25
5	Idukki	..	..	460.00	450.00	533.33	516.67	620.00	906.25	1156.25
6	Ernakulam	275.00	275.00	430.00	NA	480.00	450.00	481.25	675.00	1000.00
7	Trichur	315.00	315.00	310.00	425.00	450.00	450.00	662.50	750.00	787.50
8	Palghat	328.00	348.70	500.00	692.40	643.60	609.00	690.48	876.40	1068.75
9	Malappuram	..	357.00	400.00	619.33	538.75	584.63	625.50	938.81	1231.25
10	Kozhikode	CW 389.00	CW 396.67	604.75	575.00	747.00	732.50	802.50	1015.00	1260.00
11	Cannanore	CW 325.00	329.88	498.33	480.00	645.00	536.25	600.00	1033.75	1287.50

CW—Commonwealth variety.

TABLE 5.22

Commodity: Paints and Varnishes

Variety: Special Paint for Wood and Steel work

Unit: Litre

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	..	20.13	30.45	28.51	31.43	31.50	31.53	34.00	36.43
2	Quilon	17.50	20.63	28.63	28.75	30.50	30.50	32.75	37.25	41.25
3	Alleppey	17.75	21.63	29.25	29.28	31.50	32.54	34.65	38.75	42.00
4	Kottayam	..	20.74	30.42	29.55	28.50	28.98	31.50	35.37	39.75
5	Idukki	..	..	32.25	29.43	28.25	29.00	37.17	38.00	39.75
6	Ernakulam	17.37	19.90	31.16	30.48	27.67	29.66	30.61	35.37	39.68
7	Trichur	17.50	21.38	32.00	30.50	30.00	30.50	31.09	35.50	39.88
8	Palghat	18.52	18.80	30.00	27.85	30.92	30.57	35.80	38.07	36.25
9	Malappuram	..	20.38	30.13	30.33	27.00	27.00	29.00	29.75	36.63
10	Kozhikode	18.13	22.30	33.55	31.93	30.35	30.28	33.59	39.77	46.88
11	Cannanore	..	23.63	32.51	28.50	28.63	29.00	29.00	33.25	36.00

TABLE 5.23

Commodity: Paints and Varnishes

Variety: Varnish paints (Shalimar)

Unit: Litre

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	12.05	13.63	18.39	17.75	18.44	18.88	19.63	22.00	26.25
2	Quilon	11.00	12.33	17.33	15.00	17.25	18.00	18.31	23.50	29.25
3	Alleppey	10.00	12.75	16.75	15.75	18.00	19.50	21.00	..	..
4	Kottayam	12.00	13.19	17.50	17.00	..	..	..	..	..
5	Idukki	..	..	18.37	17.88	..	..	36.06	37.50	38.13
6	Ernakulam	12.50	15.25	17.38	18.00	20.06	20.65	19.53	23.33	26.81
7	Trichur	11.31	14.38	19.13	19.75	20.07	20.00	19.75	19.00	17.81
8	Palghat	10.62	12.50	16.67	18.51	18.25	18.25	18.00	18.48	..
9	Malappuram	..	12.25	17.38	19.06	..	13.33	14.00	16.62	17.00
10	Kozhikode	12.00	13.74	20.25	19.00	19.09	19.65	20.93	25.47	29.39
11	Cannanore	10.40	13.17	17.25	NA	13.50	18.40	12.00	13.50	18.25

TABLE 5.24

Commodity: Paints and Varnishes		Variety: Copal Varnish									Unit: Litre
Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1	Trivandrum	9.06	10.09	13.17	13.01	13.40	13.66	14.61	18.63	22.00	
2	Quilon	7.00	8.50	9.25	10.00	14.50	12.98	13.71*	19.46	21.81	
3	Alleppey	8.00	9.00	9.19	12.15	13.30	13.24	11.09*	19.21	19.93	
4	Kottayam	7.75	9.17	8.81	9.50	10.68	11.14	11.14*	17.25	22.58	
5	Idukki	..	..	10.00	10.15	10.00	9.50	10.00	11.25	15.13	
6	Ernakulam	8.90	9.38	11.50	11.81	12.84	13.98	14.25	19.20	23.59	
7	Trichur	8.93	9.88	10.60	14.00	12.97	13.75	14.75	19.31	25.10	
8	Palghat	8.66	9.00	10.30	13.00	12.83	14.51	15.88	22.15	25.50	
9	Malappuram	..	10.00	9.55	8.00	13.25	13.45	14.50	18.50	24.63	
10	Kozhikode	8.61	9.95	11.88	12.86	13.50	14.23	15.30	22.61	25.70	
11	Cannanore	8.53	10.12	12.58	14.00	13.88	14.15	14.64	17.22	22.70	

\* Brand changed.

TABLE 5.25

Commodity: Paints and Varnishes		Variety: Turpentine									Unit: Litre
Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1	Trivandrum	5.00	5.06	7.71	8.08	8.59	8.81	9.26	10.50	13.75	
2	Quilon	..	5.45	7.75	9.00	8.49	9.30	10.01	13.81	15.87	
3	Alleppey	4.75	5.31	6.78	8.06	8.25	9.07	10.30	14.06	15.11	
4	Kottayam	4.75	4.75	6.72	6.56	7.13	7.56	10.14	13.41	17.33	
5	Idukki	..	..	5.67	7.25	6.50	7.50	8.05	10.50	12.00	
6	Ernakulam	4.88	4.89	6.00	8.13	8.24	9.24	8.50	10.00	12.13	
7	Trichur	4.50	4.50	4.75	8.12	6.20	5.50*	5.50	6.50	7.88	
8	Palghat	..	4.75	6.67	7.19	6.43	6.25*	6.75	6.87	7.47	
9	Malappuram	..	4.25	6.58	6.75	6.00	4.67*	5.50	6.50	8.00	
10	Kozhikode	..	4.75	6.06	6.38	6.00	6.13	7.17	9.00	10.50	
11	Cannanore	4.70	5.15	7.08	7.58	7.83	7.73	8.43	9.70	14.36	

\* Brand changed.

TABLE 5.26

Commodity: Paints and Varnishes		Variety: Distemper									Unit: Kg.
Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1	Trivandrum	4.06	4.79	3.50	..	7.43	7.00	7.00	9.85	13.13	
2	Quilon	4.25	4.50	4.00	7.00	7.00	7.17	8.00	9.83	15.00	
3	Alleppey	3.64	4.59	4.00	6.67	7.00	7.00	9.92	10.63	16.10	
4	Kottayam	3.54	4.13	4.00	6.06	6.25	7.00	7.00	..	..	
5	Idukki	..	..	3.93	5.94	7.50	7.50	8.00	11.37	..	
6	Ernakulam	4.75	4.33	4.02	6.66	7.00	7.00	7.00	11.36	12.99	
7	Trichur	4.00	4.63	4.43	6.84	7.00	7.00	7.38	8.00	10.38	
8	Palghat	3.75	3.75	3.90	6.75	6.84	7.00	8.00	12.00	..	
9	Malappuram	..	4.82	4.00	7.66	7.00	7.00	7.00	8.25	9.00	
10	Kozhikode	3.87	5.02	4.44	6.92	7.00	7.30	8.13	8.75	10.00	
11	Cannanore	4.00	4.82	5.00	7.35	7.35	..	3.00*	3.12*	3.25*	

\* Variety changed green mango variety.

TABLE 5.27

Commodity : Paints

Variety : Oil Bound Distemper

Unit : 5 Kg

Sl.No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	33.05	35.75	44.11	49.63	52.11	54.83	55.00	63.12	67.31
2	Quilon	33.00	36.25	50.25	51.00	51.75	54.50	61.50	70.00	76.25
3	Alleppey	32.00	37.00	47.75	54.16	53.50	54.00	55.00	70.80	75.00
4	Kottayam	32.50	33.75	46.90	49.25	52.38	53.75	53.88	64.37	68.75
5	Idukki	..	..	51.83	51.84	52.38	57.91	62.95	68.50	75.50
6	Ernakulam	31.50	35.00	48.00	47.75	49.25	50.00	52.50	62.28	69.86
7	Trichur	31.62	36.38	48.63	50.75	51.25	53.75	55.00	63.00	68.75
8	Palghat	32.25	34.50	50.33	49.75	53.50	56.75	61.25	64.82	75.00
9	Malappuram	..	38.00	51.40	50.88	53.00	54.84	57.50	66.87	72.50
10	Kozhikode	32.52	37.14	49.67	49.84	52.68	55.24	59.08	71.30	75.80
11	Cannanore	32.52	38.75	51.75	50.44	50.25	51.00	54.28	61.35	74.60

TABLE 5.28

## Average Annual Market Prices of Sheet Glass

Commodity : Sheet glass

Variety : 2 m.m.

Unit : M<sup>2</sup>.

Sl.No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	11.06	11.81	16.44	16.50	16.50	19.73	25.20	35.50	36.38
2	Quilon	12.08	12.22	15.60	15.60	14.00	15.00	15.68	22.71	31.28
3	Alleppey	12.50	12.88	15.94	15.48	15.10	21.50	27.87	28.78	29.05
4	Kottayam	10.56	10.91	15.25	14.00	14.00	16.88	24.38	25.00	30.00
5	Idukki	..	..	15.87	17.75	15.33	15.00	34.97	41.87	41.09
6	Ernakulam	10.87	12.50	15.50	16.90	18.50	25.50	35.25	40.00	43.95
7	Trichur	10.55	12.39	16.38	15.38	16.42	21.19	24.70	28.24	36.27
8	Palghat	10.00	10.75	17.25	15.04	14.86	18.00	29.00	32.25	33.47
9	Malappuram	..	15.00	21.50	20.33	..	..	..	..	..
10	Kozhikode	10.76	10.76	16.29	15.50	16.44	21.15	27.77	32.28	..
11	Cannanore	10.76	11.20	16.06	15.00	16.67	25.78	28.97	32.28	38.77

TABLE 5.29

Commodity : Sanitary wares

Variety : (a) S.W. Pipes (100 m.m. diameter)

Unit : one (2 feet)

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	3.83	4.34	6.17	5.76	5.11	4.98	4.98	6.51	7.50
2	Quilon	4.00	4.69	6.00	6.38	6.00	6.00	6.00	7.25	8.13
3	Alleppey	3.93	4.63	6.19	6.13	5.61	5.13	..	6.37	7.63
4	Kottayam	4.12	4.81	5.81	5.69	5.63	5.40	..	6.68	8.50
5	Idukki	..	..	5.83	6.25	6.50	5.69	5.75	6.75	8.36
6	Ernakulam	3.93	4.25	4.69	5.10	5.00	4.94	..	5.62	7.50
7	Trichur	3.65	4.38	4.81	5.00	5.00	5.00	5.38	6.75	8.50
8	Palghat	3.25	4.50	5.00	5.09	5.01	5.08	5.25	7.25	8.88
9	Malappuram	..	4.50	6.00	6.18	5.63	6.00	6.00	7.00	8.19
10	Kozhikode	3.94	4.63	6.25	6.06	5.74	5.46	5.41	7.50	8.88
11	Cannanore	4.27	5.01	6.67	6.43	5.50	5.50	5.50	7.07	8.98

TABLE 5.30  
Variety: S.W. Pipes (150 m.m. diameter)

Commodity: Sanitary wares

Unit: One

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	6.06	7.26	9.63	9.63	9.44	8.81	8.83	11.37	13.0
2	Quilon	5.63	6.67	8.50	9.25	9.50	9.50	9.88	11.37	13.25
3	Alleppey	6.00	6.63	NA	8.81	9.78	9.82	9.81	11.00	12.88
4	Kottayam	5.62	6.50	NA	9.00	9.00	9.00	9.00	9.47	..
5	Idukki	..	..	9.60	..	8.00	..	..	10.45	13.09
6	Ernakulam	5.12	6.75	8.90	9.70	8.75	8.00	8.50	9.50	11.50
7	Trichur	5.06	6.13	7.94	9.00	9.25	10.00	10.00	12.62	15.83
8	Palghat	6.00	5.88	8.00	8.17	9.00	8.75	8.94	11.18	16.00
9	Malappuram	..	6.38	9.00	8.75	8.50	8.50	8.50	10.37	12.56
10	Kozhikode	5.43	6.92	8.83	9.08	8.50	8.50	8.50	10.16	16.00
11	Cannanore	6.00	6.91	11.33	..	..	12.00	12.00	13.33	..

TABLE 5.31  
Variety: A.C. Pipes (100 m.m. diameter)

Commodity: Sanitary wares

Unit: One 3 m. length

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	22.43	24.05	32.08	35.63	37.60	36.82	37.38	50.07	55.78
2	Quilon	21.67	24.24	32.09	36.98	36.24	37.00	37.56	50.63	59.39
3	Alleppey	..	20.99	24.25	31.22	34.21	36.91	42.12	49.12	54.93
4	Kottayam	..	22.19	31.74	32.10	36.85	36.75	38.42	45.35	54.00
5	Idukki	..	..	30.44	30.00	30.50	..	26.93	38.12	38.80
6	Ernakulam	21.00	21.00	24.00	32.21	33.96	35.20	39.22	45.10	49.55
7	Trichur	22.23	21.37	23.50	29.45	29.93	30.10	34.20	40.26	45.54
8	Palghat	..	21.63	28.78	27.55	28.64	27.82	27.90	39.25	50.00
9	Malappuram	..	21.67	26.16	26.16	26.16	26.16	26.16	46.54	55.63
10	Kozhikode	22.72	24.17	28.97	34.99	37.00	35.89	42.49	51.30	56.07
11	Cannanore	22.78	27.29	33.65	31.10	31.94	34.75	38.20	36.35	56.45

TABLE 5.32  
Variety: A.C. Pipes (150 m.m. diameter)

Commodity: Sanitary wares

Unit: 3 m. length

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	32.43	35.66	43.29	51.47	55.17	53.33	54.38	76.88	86.33
2	Quilon	32.22	36.11	36.38	48.15	54.07	53.57	54.34	75.36	85.02
3	Alleppey	..	NA	NA	44.50	49.62	52.57	60.26	76.14	85.01
4	Kottayam	..	32.63	50.70	45.88	50.50	49.50	54.38	55.70	..
5	Idukki	..	..	51.00	49.00	48.67	..	47.00	50.00	53.25
6	Ernakulam	..	32.00	45.00	47.98	48.23	50.03	64.10	69.90	76.95
7	Trichur	31.86	30.63	38.00	43.23	44.05	44.50	49.18	61.76	71.74
8	Palghat	..	31.88	38.97	44.02	47.41	47.86	50.16	61.50	75.00
9	Malappuram	..	30.33	40.76	42.51	42.51	42.51	42.51	66.25	76.25
10	Kozhikode	33.12	36.28	42.39	52.60	54.75	59.69	63.56	79.50	93.40
11	Cannanore	32.21	37.74	48.53	53.67	57.00	56.33	63.00	67.50	89.18

Commodity: Sanitary wares

Variety: Sinks—White without fittings

Unit: One

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	304.95	296.99	408.83	411.50	411.98	406.25	440.00	461.25	495.00
2	Quilon	..	295.00	417.20	412.05	407.00	407.00	422.40	457.10	644.25
3	Alleppey	250.00	259.80	394.50	430.20	391.00	391.00	391.00	..	..
4	Kottayam	260.00	260.00	366.00	391.42	407.50	408.00	409.00	..	..
5	Idukki	..	..	..	..	..	..	..	..	..
6	Ernakulam	274.00	274.00	371.00	402.50	336.80	344.00	375.00	400.00	502.50
7	Trichur	274.00	276.00	371.00	402.50	425.00	425.00	425.60	425.60	608.02
8	Palghat	276.00	282.00	354.50	404.77	375.00	375.00	375.00	418.75	559.25
9	Malappuram	..	269.71	300.00	..	372.00	377.25	400.00	461.25	540.00
10	Kozhikode	278.20	288.35	374.50	408.64	400.37	400.75	433.50	515.98	614.64
11	Cannanore	278.20	283.07	..	595.00	..	..	N.A.	*313.51	367.59

\*Parry

Commodity: Sanitary wares

Variety: Sinks—White with fittings

Unit: One

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	369.15	380.66	492.67	494.33	498.00	469.50	511.05	528.25	540.00
2	Quilon	379.20	314.00	524.30	521.73	514.00	514.00	535.00	559.30	739.25
3	Alleppey	350.00	350.00	461.67	467.33	448.00	448.00	448.00	..	..
4	Kottayam	..	..	..	433.50	481.50	513.75	521.00	..	..
5	Idukki	..	..	..	..	..	..	..	..	..
6	Ernakulam	320.00	320.00	435.00	472.50	389.48	395.75	440.00	447.50	567.80
7	Trichur	310.00	316.25	433.75	472.50	480.00	480.00	480.00	491.50	739.67
8	Palghat	335.00	326.50	434.33	452.72	428.00	439.00	450.00	518.75	633.00
9	Malappuram	..	298.04	350.00	378.00	406.22	414.50	425.00	521.25	637.50
10	Kozhikode	318.20	337.33	460.97	492.28	454.00	449.50	464.83	567.97	661.34
11	Cannanore	318.20	390.07	..	..	..	..	..	..	..

## B. Wages for building Labour

Type of labour: Mason—First class

Rate: Per day (Rs.)

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	10.00	10.00	12.00	15.00	15.00	15.00	15.00	16.75	18.75
2	Quilon	10.00	11.63	12.00	15.00	15.00	15.00	15.75	17.50	22.75
3	Alleppey	10.00	11.50	12.25	14.50	15.00	15.00	15.00	18.00	20.75
4	Kottayam	10.00	10.25	11.81	14.50	14.38	14.69	15.00	16.75	20.75
5	Idukki	..	..	12.00	13.00	15.00	15.00	16.00	19.25	21.25
6	Ernakulam	10.00	10.00	12.00	15.00	14.50	15.00	15.00	20.00	22.50
7	Trichur	10.10	11.50	12.00	13.00	14.00	15.00	16.00	16.00	22.75
8	Palghat	8.00	8.75	12.00	13.00	12.50	13.00	14.00	15.00	16.25
9	Malappuram	10.00	10.00	10.50	15.00	15.00	15.00	15.33	17.00	20.00
10	Kozhikode	10.00	11.25	12.00	15.00	15.00	16.50	18.38	20.50	24.25
11	Cannanore	9.00	11.25	12.25	15.00	14.88	16.50	18.00	18.00	21.75

TABLE 5.36

Mason Second class

Rate: Per day (Rs.)

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	8.00	9.00	10.00	12.00	12.00	12.25	12.88	15.50	16.75
2	Quilon	9.00	9.81	10.00	12.00	12.83	14.00	14.75	16.50	20.00
3	Alleppey	8.00	9.50	10.50	12.50	12.25	12.00	13.00	15.50	18.75
4	Kottayam	8.00	8.75	10.25	12.00	12.00	12.00	12.00	14.25	..
5	Idukki	..	..	10.00	13.00	12.75	13.75	14.25	16.87	18.38
6	Ernakulam	9.00	9.00	10.00	10.50	12.63	13.00	14.00	18.00	20.00
7	Trichur	9.00	9.75	10.00	12.00	13.00	14.00	15.00	15.00	20.50
8	Palghat	7.50	8.00	10.00	10.00	11.50	12.00	13.13	14.00	15.25
9	Malappuram	..	8.00	8.88	12.50	12.50	12.00	12.50	13.50	15.88
10	Kozhikode	8.50	10.25	11.00	13.00	13.00	14.00	15.25	17.50	19.75
11	Cannanore	8.00	10.56	11.00	13.00	12.94	13.83	15.00	15.00	19.50

TABLE 5.37

Carpenters : First class

Rate: Per day (Rs.)

Sl. No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	9.00	10.00	12.00	15.00	15.00	14.00	14.00	16.75	18.50
2	Quilon	9.00	11.00	12.00	15.00	15.00	15.00	15.75	17.50	22.75
3	Alleppey	10.00	11.50	12.00	14.50	15.00	15.00	15.00	18.00	20.75
4	Kottayam	10.00	10.25	11.75	14.50	14.50	14.63	15.00	16.75	20.75
5	Idukki	..	..	12.00	12.50	15.00	15.00	15.75	19.25	21.00
6	Ernakulam	10.00	10.00	12.00	14.00	14.50	15.00	15.00	20.00	22.50
7	Trichur	10.00	11.50	12.00	14.00	14.00	15.00	16.00	16.00	22.75
8	Palghat	8.00	8.50	12.00	12.00	12.38	13.00	14.00	14.50	16.25
9	Malappuram	..	10.00	10.00	15.00	15.00	15.00	15.50	16.87	20.00
10	Kozhikode	10.00	11.25	12.00	15.00	15.00	16.00	18.50	20.50	24.25
11	Cannanore	9.50	11.25	12.25	15.00	14.94	16.25	17.50	18.75	21.75

TABLE 5.38

Carpenters : Second class

Rate: Per day (Rs.)

Sl.No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	..	8.75	10.00	12.00	12.00	12.00	12.00	15.50	16.75
2	Quilon	8.00	9.75	10.00	12.50	13.00	14.00	14.75	16.50	20.00
3	Alleppey	8.00	9.50	10.00	12.50	12.25	12.00	13.00	15.50	18.75
4	Kottayam	8.00	8.75	10.25	12.00	12.00	12.13	12.00	14.25	..
5	Idukki	..	..	10.00	12.00	12.75	13.75	13.50	17.00	18.75
6	Ernakulam	9.00	9.00	10.00	10.50	12.63	13.00	14.13	18.00	19.00
7	Trichur	9.00	9.75	10.00	12.00	13.00	14.00	15.00	15.00	20.50
8	Palghat	7.00	7.50	10.00	10.00	11.38	12.00	12.38	13.00	15.00
9	Malappuram	..	8.00	8.50	12.00	12.50	12.00	12.75	13.87	16.00
10	Kozhikode	9.00	11.25	11.00	13.00	13.00	13.88	15.50	17.50	19.75
11	Cannanore	8.50	10.31	11.00	13.00	12.69	13.17	14.00	14.50	19.00

TABLE 5.39

Unskilled Worker : Male

Rate. per day (Rs.)

Sl.No	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	5.50	6.25	7.00	8.00	8.50	9.00	9.00	11.00	12.75
2	Quilon	5.50	6.50	7.00	8.50	8.88	9.00	9.75	11.25	14.25
3	Alleppey	6.00	6.88	7.63	10.00	10.00	10.00	10.00	11.50	12.75
4	Kottayam	6.00	6.00	7.38	9.50	9.50	9.63	10.00	10.75	12.13
5	Idukki	..	..	7.00	8.50	8.25	8.00	8.00	10.50	12.38
6	Ernakulam	6.00	7.00	8.00	9.25	9.69	10.00	11.50	13.00	13.00
7	Trichur	6.00	7.50	8.00	9.00	9.88	10.00	11.00	11.00	15.00
8	Palghat	4.50	5.50	6.17	7.50	7.63	8.00	8.00	8.25	9.75
9	Malappuram	..	6.50	7.25	9.00	9.75	9.00	9.50	10.87	13.50
10	Kozhikode	7.00	8.17	8.50	10.00	12.00	12.00	12.00	13.25	17.25
11	Cannanore	7.00	8.25	9.00	11.00	11.31	11.50	12.00	12.50	15.75

TABLE 5.40

Unskilled Worker : Female

Rate per day (Rs.)

Sl.No.	Centres	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Trivandrum	4.50	5.00	5.30	6.00	6.88	8.13	8.00	9.75	10.75
2	Quilon	4.50	5.00	6.00	6.00	7.50	8.00	8.00	9.25	11.50
3	Alleppey	4.00	4.81	6.06	7.50	8.00	8.25	8.00	9.50	10.75
4	Kottayam	4.00	4.63	5.81	6.75	7.00	7.88	8.00	9.00	10.00
5	Idukki	..	..	5.50	6.00	6.75	6.88	7.25	7.87	8.88
6	Ernakulam	5.00	5.00	5.00	6.25	7.56	8.00	9.50	11.00	11.50
7	Trichur	4.00	4.50	4.75	6.00	6.75	7.00	8.00	8.00	10.00
8	Palghat	3.50	3.50	4.50	5.00	5.63	6.00	6.00	6.00	7.00
9	Malappuram	..	5.50	5.50	7.00	7.00	7.00	7.50	8.75	9.50
10	Kozhikode	5.00	5.13	6.50	8.00	8.00	7.63	8.00	9.00	11.50
11	Cannanore	4.00	5.13	6.75	7.00	6.38	6.67	7.00	7.25	10.75

## C. Building cost Index Numbers in Kerala (Group Index)

TABLE 5.41

Centre : Trivandrum

Year

Base Year 1971

Group	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
A. Materials	110	113	136	164	164	166	181	253	296
B. Labour	112	116	132	148	169	178	178	206	231
C. Water supply and sanitary fitting	106	129	182	136	151	149	161	204	236
D. Electrical fittings	105	116	146	168	214	207	217	260	290
General Index	110	115	139	159	166	169	180	239	277

Note.—The Indices relate to Low Income Group Housing Scheme in Trivandrum undertaken by the Kerala State Housing Board. The Methodology adopted in the computation of the Index Number is the weighted Arithmetic average. The weighted average of the group indices has been taken as the general building cost index number

TABLE 5.42

## Building cost Index number in Trivandrum—Kerala (Sub-group-wise) for the year 1977—1980

(Base Year : 1971)

Materials/Labour	1972	1973	1974	1975	1976	1977	1978	1979	1980
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
A. Materials	110	113	136	164	164	166	181	253	296
1. Bricks	107	123	146	197	184	170	171	234	286
2. Sand (Medium)	138	175	187	250	256	288	298	331	330
3. Stone Ballast (15 mm)	100	119	128	139	139	153	169	200	206
4. Rubble	107	107	143	164	164	186	204	245	250
5. Cement	104	108	140	164	168	171	191	235	245
6. Steel (20 m.m.)	117	112	142	115	118	119	146	226	256
7. Wood	106	102	102	191	191	191	192	330	454
B. Labour (Skilled)	112	116	132	148	169	178	178	206	231
1. Mason	100	111	133	150	167	167	167	186	208
2. Carpenter	111	111	133	150	167	156	156	186	206
Labour (Unskilled)									
1. Male	120	120	140	150	170	180	180	220	255
2. Female	125	125	125	142	171	<del>129</del> 213	213	244	269
C. Water supply and Sanitary Fittings	106	129	182	136	151	149	161	204	236
(a) Materials									
1. G. I. Pipe	100	150	250	108	127	122	142	190	219
2. Tap	100	120	160	160	189	159	161	186	242
3. S.W. Pipe	141	163	230	123	128	117	119	160	192
4. A. C. Pipe	104	118	148	125	129	143	162	202	228
5. Closet	100	111	183	213	256	252	276	381	459
(b) Miscellaneous Materials									
1. Bricks	107	123	146	197	184	170	171	234	286
2. Cement	104	108	140	166	168	171	191	235	245
3. Iron and steel	117	112	142	115	118	119	147	226	256
(c) Labour									
1. Plumber	100	137	150	153	188	188	188	213	234
2. Mason	111	111	133	150	167	167	167	186	208
3. Unskilled-Male	120	120	140	154	170	180	180	220	255
4. Miscellaneous charges	100	107	117	121	129	136	144	153	164
D. Electrical Fittings	105	116	146	168	214	207	217	260	290
(a) Materials									
1. Bulb	100	100	139	127	125	125	134	168	182
2. Wire	100	100	158	158	216	187	196	262	326
3. Switch	100	125	150	250	490	490	500	580	550
4. Shade	100	100	100	200	354	344	400	540	614
(b) Labour									
1. Electrician	112	125	125	173	188	188	188	213	234
2. Miscellaneous charges	112	137	162	175	200	213	228	243	250



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Government of Kerala  
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