

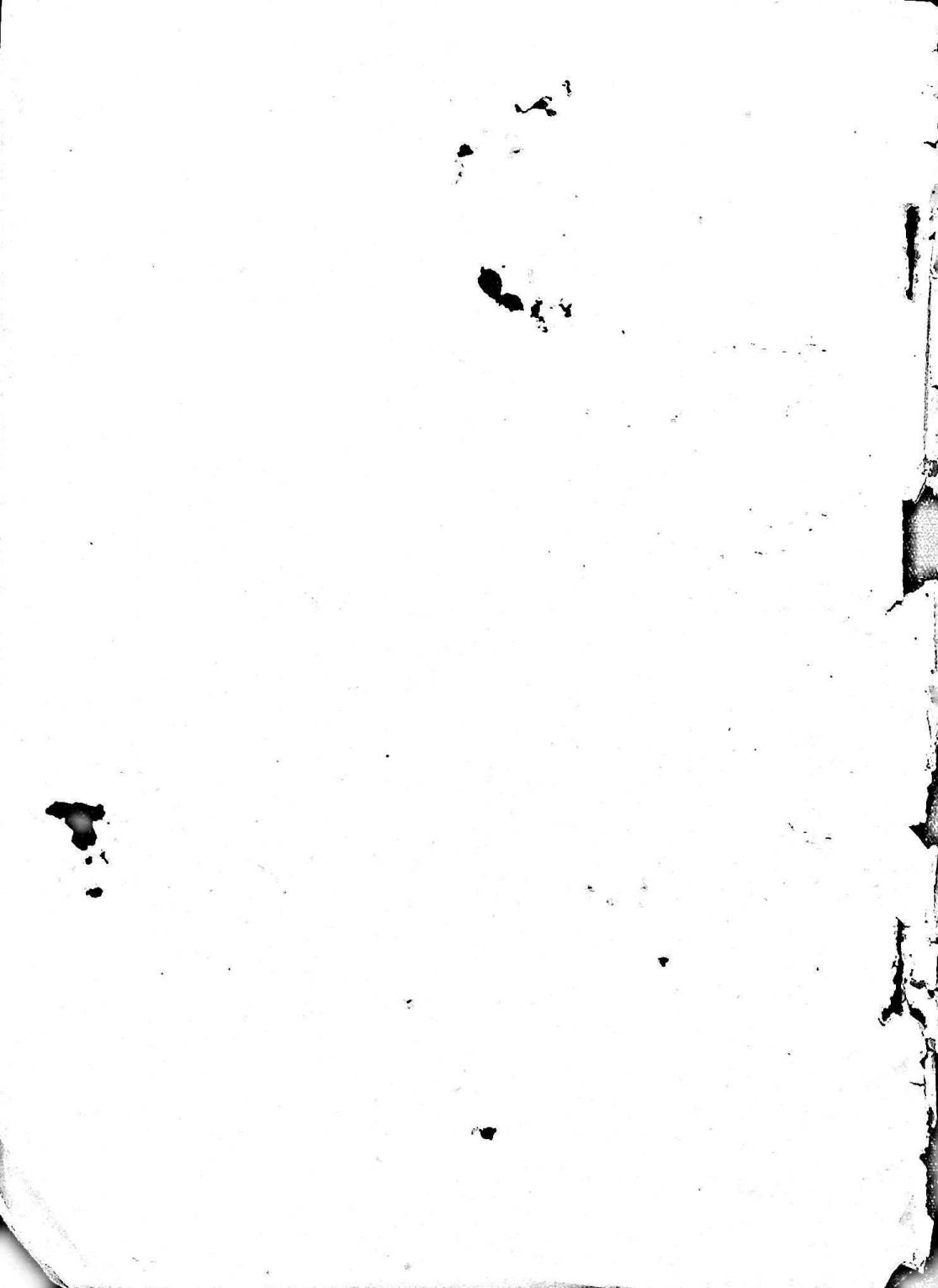


GOVERNMENT OF KERALA

Report on wage structure survey in KERALA

1977-1982

DEPARTMENT OF ECONOMICS & STATISTICS
JUNE 1985



**REPORT ON
WAGE STRUCTURE SURVEY
IN KERALA
1977—1982**

**DEPARTMENT OF
ECONOMICS & STATISTICS
TRIVANDRUM
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PREFACE

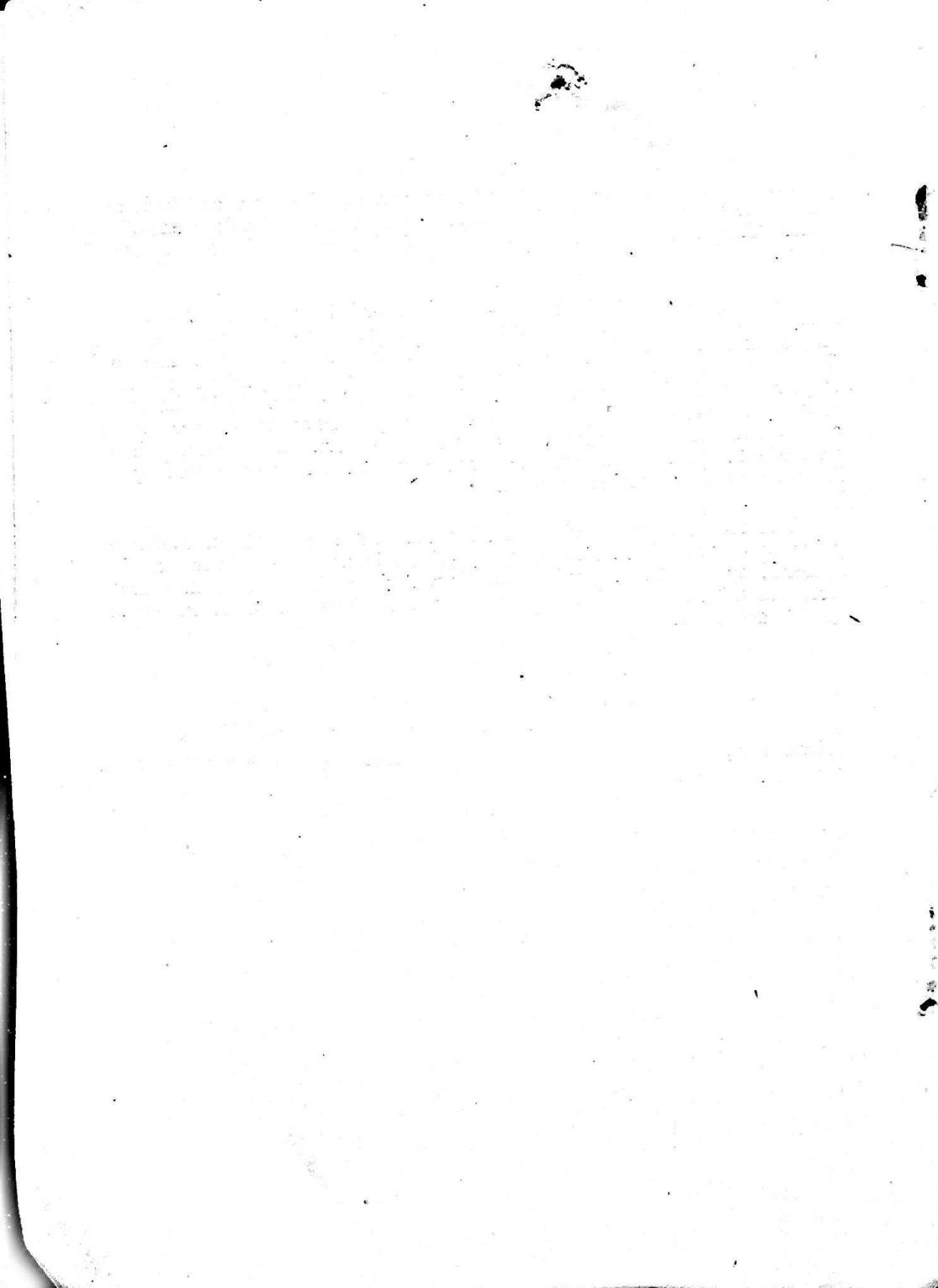
Among the various sectors of economy, the Construction Trade and Commerce sectors have important place in the economic development of the State. The movement in wages plays a significant role in all sectors of economy.

The report on the study, which is the fourth in the series, contains an analysis of the trend in wage rates of different categories of workers and employees engaged in the two sectors (viz. Construction and Trade and Commerce) for the period 1977-78—1981-82 and comparison of their wage rates with the previous years. An attempt is also made in the report to study the intersectoral differentials in the wage rates among the occupations common to the construction and agricultural sectors. The report is based on the data collected through the Wage Structure Survey conducted by the Department on a continuing basis.

The report is prepared in the Labour and Housing unit, under the guidance of Shri T. P. Rajagopalan, Joint Director. The sincere services rendered by Shri G. P. Gopinathan Nair, Assistant Director, Smt. Valsala, Research Officer and Shri S. Ramachandran Nair, L. D. Compiler are hereby acknowledged.

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Director of Economics and Statistics.

Trivandrum,
5-6-1985.



REPORT ON WAGE STRUCTURE SURVEY IN KERALA (1977-82)

Introduction

1.1. It is a well known fact that the satisfaction of human wants is identical with the well-being of the community as a whole. Every economic activity aims at satisfying the needs of the individuals in the community. To achieve the goal, the significant improvement in the material standard of all including the labour class is a must. For this purpose, a reasonable level of earnings has to be assured to the labour class at times corresponding to the rise in cost of living index and increase in the national income. The question of wages and allied matters, forming a major source of friction between employer and employees in the labour front cannot be forgotten in this context. This situation arising from the labour unrest and the lack of industrial peace and harmony also warrants the adoption of consistent wage policy. Thus the wages and wage rates have a significant role to play in all directions of human activity aiming at economic development.

The wage policy in India has gained much importance consequent on the adoption of the Constitution of India. Art. 43 of the Constitution of India under the Directive Principles provides for living wages for the various categories of workers. It reads as:

"The State shall endeavour to secure, by suitable legislation or economic organisation or in any other way, to all workers, agricultural, industrial or otherwise, work, a living wage, conditions of work ensuring a decent standard of life and full enjoyment of leisure and Special and Cultural opportunities....."

In working out the wages of the employees, the wage determining machinery follows the principles of fair wages drawn-up by the Fair Wages Committee, set-up by the Government. Consequent on the implementation of the Minimum Wages Act, 1948, the minimum wages which is the lower limit of the fair wages are paid to the workers of certain establishments. The upper limit of the fair wages relates to the capacity of the Industry/establishment to pay. In general, there may be variations in the wage rates of workers in all sectors of economy according to their nature of activity and the skill which the work demands.

1.2. The present report on Wage Structure Survey relating to the period 1977-82 is the fourth in the series. The Survey, started during the year 1963-64, covers both the construction and trade and commerce sectors of Kerala's economy. During the period 1977-82 also the survey continued on the same lines as in the preceding quinquennial period.

1.3. *Objectives.*—The main objective of the survey is to study the trend in wages in the Construction and Trade and Commerce sectors in the various districts of the State.

Sample Design

1.4. The Survey during the period 1977-82 was conducted in samples selected on random basis. It covered both the rural and the urban areas of the State. The stratified random sampling technique was followed for the conduct of the survey with the revenue districts as strata. Separate samples for the rural and urban areas were selected for the survey. In the urban areas, two samples comprising district headquarters—Corporation/Municipality and another Municipality at random were chosen from each district. Three panchayats were also selected on random basis from each district.

1.5. In the Construction sector, five units were selected from each Municipality/Corporation and 3 units from each Panchayat for the survey during the period. The wage rates at the end of each quarter of both skilled and unskilled workers were collected. The Carpenter, mason, Painter, Plumber and the like engaged in skilled labour were included for the purpose of the survey. Men, women and children involved, in the construction activities which do not require any skill were considered as unskilled workers in this connection.

1.6. For the Trade and Commerce sector, two wards from each Municipality/Corporation and from each ward three shops from each group dealing with the wholesale trade and the retail trade as shown below were selected.

Food grains and provisions	(Whole sale)
Textiles	do.
Metal and metal Products	do.
Food grains and provisions	(Retail)
Textile shops	do.
Shops dealing with stationery and toilets	do.

In the rural area, three Panchayats having the required number of shops in the above group were selected from each district from each Panchayat, three shops each in the six groups of the trades shown above were chosen. The wage rates of the employees (Shop Assistants and the shop Attenders) at the end of each quarter were collected through the survey.

Selection of Samples and Field Work

1.7. The samples of the Municipality and Panchayats were selected at random at the headquarters for the quinquinal period of the survey. The list of such samples was sent to the District Statistical Offices where the selection of the ward and other sampling units was done under the supervision of the district officers. The collection of the data required was done by the investigators from the selected units by contacting the informants in four quarterly round visits in each year. Their work was supervised by the Officers at the district level together with the periodical supervision of Officers from the headquarters.

SECTION II

Results of the Survey

2.1. An attempt is made to analyse the trend of wages in the two sectors of construction and Trade and Commerce in Kerala based on the survey figures in the following paragraphs.

2.2. Having a working population of more than 67 lakhs, Kerala ranked twelfth place among the Indian states in its abundant labour force. Among the total workers the proportion of workers engaged in the construction sector and Trade and Commerce sector constitutes 2.64% and 9.78% respectively as against 41.32% of workers in agricultural sector as revealed by 1981 Census figures.

2.3. Table-1 and Table-2 give an idea of the movement of average daily wages paid to the skilled and unskilled workers in the construction sector both in the urban and rural areas from 1970-71 onwards. Table-1 shows that there has been an appreciable increase in wages of all the skilled workers engaged in the construction sector. Among the skilled workers the wage rates of carpenter and mason were more or less same from the year 1970-71 onwards.

The wages given to the unskilled workers in the construction sector have also registered a substantial rise since 1970-71. This increasing trend was reflected in both sexes and a similar trend was evident in the wage rates of children as well.

TABLE I

Average daily wages of Skilled Workers in the Construction Sector

Year	Daily wages of Skilled workers											
	Carpenter		Mason		Painter		Sawyer		Plumber		Electrical	
Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	
1970-71	8.19	8.63	8.20	8.71	6.22	7.84	7.19	7.62	8.29	9.16	8.31	9.28
1971-72	8.37	8.90	8.47	8.86	7.22	8.36	7.17	7.74	8.17	9.91	8.67	9.45
1972-73	9.10	9.55	9.32	9.59	8.36	8.64	7.98	8.00	8.92	10.90	9.77	9.93
1973-74	9.87	10.64	9.96	10.70	8.77	9.21	8.26	9.21	10.63	11.26	9.83	10.38
1974-75	11.60	11.96	11.59	12.08	10.84	11.35	10.08	11.22	11.31	12.77	12.40	13.15
1975-76	13.30	13.78	13.25	13.80	12.46	12.79	12.94	13.23	12.90	13.23	14.04	14.73
1976-77	13.93	14.50	13.94	14.50	13.26	13.61	13.59	13.91	13.27	14.02	14.18	15.05
1977-78	14.81	15.19	14.88	15.15	14.20	14.26	14.23	14.90	14.83	15.12	15.20	15.96
1978-79	15.23	15.70	15.37	15.68	14.98	14.94	14.32	14.40	14.41	15.35	15.35	16.80
1979-80	16.66	17.42	16.76	17.42	16.18	16.20	15.03	15.31	15.92	16.85	16.37	17.06
1980-81	18.66	19.33	18.75	19.36	18.08	17.97	16.80	17.48	18.08	17.96	18.06	18.51
1981-82	22.52	22.87	22.66	23.01	21.61	21.51	21.06	22.12	22.15	22.58	22.28	22.47

TABLE 2

Average daily wages of Unskilled workers in the Construction Sector

Year	Wages of Unskilled workers					
	Men		Women		Children	
	Rural	Urban	Rural	Urban	Rural	Urban
1970-71	5.40	5.71	3.68	3.93	3.21	3.30
1971-72	5.39	5.96	3.83	4.08	3.54	3.36
1972-73	5.78	6.32	3.90	4.41	3.57	3.95
1973-74	6.26	6.93	4.31	4.81	3.87	4.20
1974-75	7.31	7.92	5.07	5.59	4.51	5.00
1975-76	8.48	9.31	5.93	6.54	5.23	5.41
1976-77	8.74	9.65	6.48	7.15	5.96	6.23
1977-78	9.38	10.10	7.00	7.61	6.59	6.57
1978-79	9.86	10.42	7.32	7.91	7.11	6.98
1979-80	10.72	11.45	8.09	8.85	7.78	7.17
1980-81	12.30	13.07	9.62	10.22	8.50	9.06
1981-82	15.22	15.94	11.40	12.22	9.47	10.58

Though there was a steady rise in the wage rates of both types of labour (skilled and unskilled) a slight difference was also observed in their wage rates in the Municipal and Panchayat areas.

2.4. The average monthly rates of wages paid to the Shop Assistants and Shop Attenders in the Trade & Commerce sector in the urban area for the period from 1970-71 to 1981-82 are presented in the Tables 3 and 4. Under the Trade and Commerce sector both wholesale and retail shops were selected for collection of the data required. In the wholesale trade and retail trade the following types of shops were included.

Wholesale shops:

1. Food grains and provisions
2. Textiles
3. Metal and Metal products.

Retail shops:

1. Food grains and provisions
2. Textile shops
3. Shops dealing with stationery and toilets.

TABLE 3

**Average monthly wage rates of Shop Assistants and Shop Attenders
in whole sale shops (Urban)**

Year	Wage rates (Rs.)					
	Food grains		Textiles		Metal and Metal products	
	Shop Assistant	Shop Attender	Shop Assistant	Shop Attender	Shop Assistant	Shop Attender
1970-71	136	107	162	123	143	113
1971-72	149	115	194	136	146	127
1972-73	166	127	231	161	172	128
1973-74	203	147	239	177	189	144
1974-75	248	178	281	210	231	164
1975-76	274	201	310	241	255	189
1976-77	280	203	332	235	283	200
1977-78	291	212	365	262	289	212
1978-79	302	228	386	276	301	215
1979-80	312	246	402	297	315	229
1980-81	329	263	416	314	325	242
1981-82	350	287	433	339	335	267

TABLE 4

**Average monthly wage rates of Shop Assistants and Shop Attenders
in Retail shops (Urban)**

Year	Wage rate (Rs.)						
	Food grains		Textiles		Stationery & Toilets		
	Shop Assistant	Shop Attender	Shop Assistant	Shop Attender	Shop Assistant	Shop Attender	
1970-71		123	93	146	113	138	103
1971-72		120	94	159	114	145	108
1972-73		136	115	176	133	182	125
1973-74		165	126	214	153	199	136
1974-75		200	152	248	179	228	163
1975-76		222	176	260	203	270	192
1976-77		240	185	317	218	275	203
1977-78		263	199	354	235	290	215
1978-79		278	214	366	245	300	223
1979-80		293	227	383	260	328	243
1980-81		306	242	393	281	343	258
1981-82		322	264	408	303	363	273

The above tables reveal that the wage rates of Shop Assistants and Shop Attenders in the whole-sale shops and retail shops in the urban area have been steadily increasing. In all groups of wholesale and retail trade more than double fold increase in wage rates of both Shop Assistants and Shop Attenders was evident by the end of the period under report. Their wage rates were higher in wholesale trade than in retail trade during the period under study.

2.5. In some districts there were no wholesale shops in the groups selected in the rural areas. In certain other areas there were retail shops where neither Shop Assistants nor Shop Attenders was employed by the proprietors concerned. On account of those facts the comprehensive data on rural wages in the Trade and Commerce sector could not be collected on uniform basis. Therefore the data on rural wages in the sector were not incorporated in the report.

TABLE 5
Percentage change over (1970-71) in the wage rates of skilled workers in the Construction sector

Year	Percentage change in wage rates											
	Carpenter		Mason		Painter		Sawyer		Plumber		Electrical wiremen	
	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban
1970-71	..	..	..	..	..	..	..	..	..	..	..	..
1971-72	2.20	3.13	3.29	1.72	24.12	6.63	-0.28	1.57	-1.45	8.19	4.33	1.83
1972-73	11.11	10.66	13.66	10.10	34.41	10.20	10.99	4.99	7.60	19.00	17.57	7.00
1973-74	20.51	23.29	21.71	22.85	41.00	17.47	14.88	20.87	28.23	22.93	18.89	11.85
1974-75	41.64	38.59	41.34	38.69	74.28	44.77	40.19	47.24	36.43	39.41	49.22	41.70
1975-76	62.39	59.68	61.59	58.44	106.32	63.14	79.97	73.62	55.61	44.43	68.95	58.73
1976-77	70.09	68.02	70.00	66.48	113.18	73.60	89.01	82.55	60.07	53.06	70.64	62.18
1977-78	80.83	76.01	81.46	73.94	128.30	81.89	97.91	95.54	78.89	65.07	82.91	71.98
1978-79	85.96	81.92	87.44	80.02	140.84	90.56	99.17	88.98	73.82	67.58	84.72	72.41
1979-80	103.42	101.85	104.39	100.00	160.13	106.63	109.04	100.92	92.04	83.95	96.99	83.84
1980-81	127.84	123.99	128.66	122.27	190.68	129.21	133.66	129.40	118.99	96.07	117.33	99.46
1981-82	174.97	165.01	176.34	164.18	247.43	174.36	292.91	191.29	167.19	146.51	168.11	142.13

2.6. Table-5 shows that in the case of carpenters, the percentage of change in urban wages at the beginning of the preceding round of the survey (ie. 1972-73) was 10.7 which shot up to the level of 68 by the year 1976-77 and 165 by the close of the period of the survey under report. The corresponding percentage of change in the rural wages of the Carpenter was 11 in 1972-73, 70 in 1976-77 and 175 in 1981-82. Similar trend in the rate of increase in wages over 1970-71 was observed in the case of all other categories of skilled workers as well. The rate of increase in wages was speedier in rural areas than in urban areas in respect of all categories of the skilled workers engaged in the construction sector.

2.7. Table-6 representing the percentage increase in the wage rates of unskilled workers reveals that the rate of increase in urban wages was higher than rural wages in all the years. The percentage increase in wages of unskilled workers among both sex was almost the same in 1972-73 and 1973-74. Subsequently much higher rate of increase was discernible in the wage rates of workers both in the rural and urban areas. The rate of increase in the wage rates of unskilled workers (women & children) was relatively higher than that of skilled workers in the construction sector.

TABLE 6

**Percentage of change (over 1970-71) in the wage rates of
Unskilled workers in the Construction Sector**

Year	Percentage of change in wage rates					
	Men		Women		Children	
	Rural	Urban	Rural	Urban	Rural	Urban
1970-71	..	..	..	..	..	..
1971-72	-0.19	4.38	4.08	3.82	10.28	1.82
1972-73	7.04	10.68	5.98	12.21	11.21	19.70
1973-74	15.93	21.37	17.12	22.39	20.56	27.27
1974-75	35.37	38.70	37.77	42.24	40.50	51.52
1975-76	57.04	63.05	61.14	66.41	62.93	63.94
1976-77	61.85	69.00	76.09	81.93	85.67	88.79
1977-78	73.70	76.88	90.22	93.64	105.30	99.09
1978-79	82.59	82.49	98.91	101.27	121.50	111.52
1979-80	98.52	100.53	119.84	125.19	142.37	117.27
1980-81	127.78	128.90	161.41	160.05	164.80	174.55
1981-82	181.85	179.16	209.78	210.94	195.02	220.61

TABLE 7
Percentage increase in wage rates of workers in
Construction sector

<i>Category of Labourer</i>	<i>Percentage of annual rate of increase in wages</i>			
	1972-77		1977-82	
	<i>Rural</i>	<i>Urban</i>	<i>Rural</i>	<i>Urban</i>
<i>Skilled labourer</i>				
Carpenter	10.62	10.37	10.41	10.11
Mason	9.91	10.24	10.46	10.38
Painter	11.72	11.50	10.44	10.17
Sawyer	14.06	14.78	9.60	9.67
Plumber	9.75	5.72	9.87	9.87
Electrical wireman	9.03	10.31	9.32	5.02
<i>Unskilled labourer</i>				
Men	10.24	11.56	12.45	13.04
Women	13.23	12.43	12.57	12.12
Children	13.39	11.54	8.74	12.21

2.8. It is evident from the table 7 that the average rate of annual increase in the wages of Carpenter in the urban areas during the period of the survey (1977-78—1981-82) under report was 10.1% as against 10.4% in the preceding round of the survey. The same declining tendency in the average rate of annual increase in respect of all other categories of skilled workers except Mason and Plumber. The average annual rate of increase in the urban wages of unskilled labourers—Men, Women and Children,—during the period under study accounted for 13%, 12.1% and 12.2% respectively. The annual rate of change in the rural wages of all the categories of the skilled and unskilled labourers except the Electrical wireman among the skilled workers and children among the unskilled, was more or less same during the period of the survey under review.

TABLE 8
**Percentage change in the wage rates of shop assistants shop attender in the
wholesale shops (urban)**

Year	Percentage of change (over 1970-71) in wages				
	Food grains	Textiles	Shop Attender	Shop Assistant	Metal and Metal Products
1970-71	..	..	..	..	..
1971-72	9.56	7.48	19.75	10.57	2.10
1972-73	22.06	18.89	42.59	34.17	20.28
1973-74	49.26	37.38	47.53	43.90	32.17
1974-75	82.35	66.36	73.46	70.73	61.54
1975-76	101.47	87.85	91.36	95.93	78.32
1976-77	105.88	89.72	104.94	91.06	97.90
1977-78	113.97	98.13	125.31	113.01	102.10
1978-79	122.06	113.08	138.27	124.39	110.49
1979-80	129.41	129.91	148.15	141.46	120.28
1980-81	141.91	145.79	156.79	155.28	127.27
1981-82	157.35	168.22	167.28	175.61	134.27
					136.28

TABLE 9
Percentage of change over 1970-71 in the wage rates of shop assistants and shop attenders
in the Retail Shops (urban)

Year	Percentage of change in wages					
	Food grains		Textiles		Metal and Metal Products	
	Shop Assistant	Shop Attender	Shop Assistant	Shop Attender	Shop Assistant	Shop Attender
1970-71	..	..	..	..	..	..
1971-72	-2.44	1.08	8.90	0.88	5.07	4.85
1972-73	10.57	23.66	20.55	17.70	31.88	21.36
1973-74	34.15	35.48	46.58	35.40	44.20	32.04
1974-75	62.60	63.44	69.86	58.41	65.22	58.25
1975-76	80.49	89.25	78.08	79.65	95.65	86.41
1976-77	95.12	98.92	117.12	92.92	99.28	101.94
1977-78	113.82	113.98	142.47	107.96	110.14	108.74
1978-79	126.02	130.11	150.68	116.81	117.39	116.50
1979-80	138.21	144.09	162.33	130.09	137.68	135.92
1980-81	148.78	160.22	169.18	148.67	148.55	150.49
1981-82	161.79	183.87	179.45	168.14	163.04	165.05

2.9. It is clear from the tables 8 & 9 that the percentage of change in wages over 1970-71 in respect of Shop Assistants and Shop Attenders in the wholesale trade ranged from 2 to 168% and from 7 to 176% respectively and that in the retail trade ranged from 2 to 180% and from 1 to 184% respectively. The rate of change in wages of the above two categories of employees under trade and commerce sector was faster in retail trade than in wholesale trade toward the close of the period of the survey under report. For Shop Assistants employed in 3 categories of Wholesale shops and retail shops the rate of increase in wages was highest at 167% and 179% in textile shops followed by foodgrain shops. On the other hand, the rate of change in wages of Shop Attenders was highest in foodgrain shops among the three categories of retail shops.

TABLE 10
Annual rate of increase in wages of employees in the trade and commerce sector (Urban)

Category of employee	Percentage annual rate of increase						
	Wholesale Shops				Retail Shops		
	A	B	C	D	A	B	D
Shop Assistant.	13.73	4.05	8.74	3.73	12.91	3.18	15.29
Shop Attender	11.97	7.08	9.19	5.88	11.25	5.19	12.17
<i>Wholesale trade</i>							
A—Foodgrains & Provisions							
B—Textiles							
C—Metal and metal products							
<i>Retail trade</i>							
A—Foodgrains & Provisions							
B—Textiles							
D—Stationery & Toilets							

2.10. The average annual rate of increase in the wages of Shop Assistants and Shop Attenders for the two rounds of the Survey are given in the above table. It shows that the annual rate of increase in the wages of those two categories of employees in both the wholesale and retail trade was lower during the period under report as compared to the previous round of the survey.

District-wise analysis

2.11 The district-wise figures on wage rates of various categories of workers engaged in the construction sector and those employed in the trade and commerce sector are given in the annexure 1.1—6.3 tables-11 (a) and table-11 (b), representing the rate of increase in rural and urban wages for the two successive rounds of the Wage Structure Survey shows that during the period 1977-82 the percentage annual average increase both in the urban and rural wages of the Carpenter in the districts of Kottayam, Trichur, Kozhikode and Cannanore was higher, when compared to the period 1972-77. Similar trend in wages was seen in the districts of Trivandrum, Kottayam, Trichur Kozhikode and Cannanore during the period under report in the case of Mason both in the rural and urban sectors. Perhaps the shortage in these categories of workers and the flow of money from the foreign countries especially Gulf Countries might have influenced this phenomenon. In all other districts the rate of annual average increase in their wages was less during the period under report as against the previous round of the survey.

TABLE II (a)
**Percentage increase (district-wise) in the wage
 rate of Carpenter in the construction sector
 during the period 1972-77 and 1977-82**

District	Percentage of annual increase in wages of Carpenter (1st-class)			
	1972-77		1977-82	
	Rural	Urban	Rural	Urban
Trivandrum	10.87	10.34	10.84	11.22
Quilon	12.13	11.11	10.01	10.14
Alleppey	9.64	11.37	9.87	10.01
Kottayam	8.90	10.12	10.35	11.65
Idukki	13.11	..	11.23	10.88
Ernakulam	9.97	11.32	8.75	8.77
Trichur	8.75	6.92	10.78	9.81
Palghat	12.42	12.22	13.00	10.00
Malappuram	14.27	14.06	9.45	9.97
Kozhikode	8.50	8.20	10.13	9.64
Cannanore	10.26	9.41	10.56	9.81
Kerala	10.62	10.37	10.41	10.11

TABLE 11(b)

Percentage increase (district-wise) in the wage rates of Mason in the construction sector during the period 1972-77 and 1977-82

District	<i>Percentage of annual increase in the wages of Mason (1st Class)</i>			
	1972-1977		1977-1982	
	Rural	Urban	Rural	Urban
Trivandrum	9.34	9.03	10.83	11.42
Quilon	10.06	9.49	10.01	10.33
Alleppey	8.82	11.33	10.06	9.92
Kottayam	9.04	10.41	10.47	11.50
Idukki	13.19	..	11.29	10.64
Ernakulam	10.03	12.45	10.00	8.80
Trichur	8.04	6.74	10.75	11.23
Palghat	10.14	13.24	12.30	11.18
Malappuram	12.81	14.25	9.22	9.43
Kozhikode	8.15	8.14	10.68	9.71
Cannanore	10.13	8.95	9.82	10.22
Kerala	9.91	10.24	10.46	10.38

TABLE 12
Percentage increase during the period 1970-82 in the wage rates
of unskilled workers in the construction sector

Districts	Unskilled workers			Women		
	Rural	Annual rates of increase %	Urban	Annual rate of increase %	Rural	Annual rate of increase %
Trivandrum	228.40	19.03	210.81	17.57	195.00	16.25
Quilon	206.28	17.19	190.48	15.87	221.63	18.47
Alleppey	188.16	15.68	185.21	15.43	196.32	16.36
Kottayam	173.55	14.46	155.32	12.94	198.00	16.50
Idukki	144.46	12.04	..	..	178.25	14.85
Ernakulam	195.00	16.25	126.91	10.58	159.41	13.28
Trichur	172.84	14.40	172.19	14.35	267.06	22.25
Palghat	145.11	12.09	201.24	16.77	179.55	14.96
Malappuram	243.49	20.29	161.38	13.45	288.60	24.05
Kozhikode	192.93	16.08	193.65	16.14	248.38	20.70
Cannanore	157.58	13.13	176.10	14.67	264.74	22.06
Kerala	181.85	15.15	179.34	14.94	209.78	17.48
						210.94
						17.58

2.12. The district-wise figures on wage rates of the unskilled workers given in the annexure (Tables 3.1, 4.1) show that the last four years of the present round 1977-82 Kozhikode district recorded the highest wage rate and Palghat district the lowest wage rate, for men in both the urban and rural areas. But in the case of women both in urban and rural sectors the same trend was maintained in the same districts in the last two years 1980-81 and 1981-82. The table 12 reveals that the annual rate of increase in wage rates of men in rural area during the period 1970-82 ranged from 12 to 21% among the various districts of the state with a maximum of 20.3% in the district of Malappuram. At the same time it ranged from 12 to 18% in the urban area, recording the highest rate in Trivandrum district. In the case of women the highest rate of increase was in Malappuram in respect of rural area and Palghat in respect of urban area.

TABLE 13
 Percentage increase during the period 1970-82 in wage rates of Shop Assistants
 and Shop Attenders in the Wholesale Shops (Urban)

Districts	Shop Assistants			Shop Attenders		
	Foodgrains	Textiles	Metal & Metal products	Foodgrains	Textiles	Metal & Metal products
Trivandrum	127.54	247.29	232.79	236.56	229.41	186.46
Quilon	154.89	141.10	134.40	180.44	158.78	155.21
Alleppey	121.81	183.89	94.55	162.37	161.15	148.54
Kottayam	216.33	154.17	204.10	171.22	144.68	191.26
Idukki	..	..	..	..	..	..
Ernakulam	112.21	148.63	45.70	158.07	118.12	66.89
Trichur	172.18	181.25	..	215.79	..	..
Palghat	215.00	148.31	103.25	..	198.02	64.62
Malappuram	..	..	..	..	..	94.07
Kozhikode	212.73	170.59	..	296.10	..	..
Cannanore	111.80	202.22	183.69	81.51	238.00	..
Kerala	157.53	167.28	134.27	168.22	175.61	136.28

TABLE 14

Percentage increase during the period 1970-82 in wage rates of Shop Assistants
and Shops Attenders in the Retail Shops (Urban)

Districts	Percentage increase					
	Shop Assistants			Shop Attenders		
	Foodgrains	Textiles	Stationery	Foodgrains	Textiles	Stationery
19						
Trivandrum						
Quilon	135.59	176.12	167.97	182.80	192.78	200.00
Alleppey	..	165.94	..	213.75	171.43	209.76
Kottayam	175.21	172.63	..	..	149.61	114.96
Idukki	177.56	147.25	246.90	146.28	..	155.74
Ernakulam	..	..	..	..	..	..
Trichur	115.94	117.82	137.98	127.68	185.48	113.28
Palghat	222.43	234.53	137.84	..	..	131.67
Malappuram	..	453.56	..	213.33	..	..
Kozhikode	102.29	..	..	120.69	128.69	59.42
Cannanore	170.00	225.00	..	226.25	185.46	253.75
Kerala	239.81	..	..	195.83	..	305.71
	161.79	179.45	163.04	183.87	168.14	165.05

The district-wise analysis (Table-13) reveals that during the period 1970-82 the percentage increase in the wage rates of shop assistants in the wholesale shops trading foodgrains and provisions was highest in the district of Kottayam and the lowest in Cannanore district. But in respect of Textiles and Metal and Metal products, Trivandrum district recorded the maximum per cent of increase. The lowest percentage increase in the wage rates of shop assistants in the above low categories of Wholesale shops was noticed in the district of Quilon and Ernakulam respectively. Regarding the shop attenders, the percentage increase in the wage rates in foodgrains exhibited maximum in Kozhikode district and minimum in Cannanore district. Under the other two groups of wholesale shops the highest percentage increase was in Cannanore district and Kottayam district respectively and lowest in the districts of Ernakulam and Palghat respectively.

The Table—14 represents the percentage increase in wage rates of shop assistants and shop attenders employed in the retail shops of the selected trades. Cannanore and Palghat had the maximum percentage increase in wage rates of shop assistants in the retail shops trading foodgrains and Textiles. The similar trend was seen in the case of Shop Attenders employed in retail shops dealing with foodgrains and stationery and Toilets. As regards the percentage increase in the wage rates of shop attenders in the retail textile Shops, Trivandrum ranked first. Malappuram district recorded the lowest percentage increase in the rate in the retail shops of all the selected trades in respect of Shop Attenders.

Wage indices

2.14. A comparison of wage indices of labourers engaged in the construction sector will be useful for the planners to ascertain the trend in the wages and the differentials in wages of various occupations. The wage indices of various categories of skilled and unskilled labourers are worked out by taking 1970-71 as the base. The Table—15 and Table—16 reveal that the wage indices rose very significantly in the case of both the skilled and unskilled workers engaged in the construction sector and these ranged from 267 to 310 in the rural area and from 242 to 321 in the urban area. The wage indices of unskilled workers were higher than those of skilled workers by the year 1981-82.

TABLE 15

Wage indices in the construction sector—1970-82 (Urban)

Year	Wage indices						Wireman Male	Wireman Female	Unskilled workers Male	Unskilled workers Female
	Carpenter	Mason	Painter	Sawyer	Plumber	Ele.				
1970-71	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1971-72	103.13	101.72	106.63	101.57	108.19	101.83	103.82	101.82		
1972-73	110.66	110.10	110.20	104.99	119.00	107.00	112.21	119.70		
1973-74	123.29	122.85	117.47	120.87	122.93	111.85	122.39	127.27		
1974-75	138.59	138.69	144.77	147.24	139.41	141.70	142.24	151.52		
1975-76	159.68	158.44	163.14	173.62	144.43	158.73	166.41	163.94		
1976-77	168.02	166.48	173.60	182.55	153.06	162.18	181.93	188.79		
1977-78	176.01	173.94	181.89	195.54	165.07	171.98	193.64	199.09		
1978-79	184.92	180.02	190.56	188.98	167.58	172.41	201.27	211.52		
1979-80	201.85	200.00	206.63	200.92	183.95	188.84	225.19	217.27		
1980-81	223.99	222.27	229.21	229.40	196.07	199.46	260.05	273.55		
1981-82	265.01	264.18	274.36	290.29	246.51	242.13	310.94	320.61		

TABLE 16

Wage indices in the construction sector—1970-82 (Rural)

Year	Carpenter	Mason	Painter	Sawyer	Plumber	Ele. Wireman	Unskilled workers	
							Male	Female
1970-71	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1971-72	102.02	103.29	124.12	99.72	98.55	104.33	99.81	104.08
1972-73	111.11	113.66	134.41	110.99	107.60	117.57	107.04	105.98
1973-74	120.51	121.71	141.00	114.88	128.23	118.89	115.93	117.12
1974-75	141.64	141.34	174.28	140.19	136.43	149.22	135.37	137.77
1975-76	162.39	161.59	200.32	179.97	155.61	168.95	157.04	161.14
1976-77	170.09	170.00	213.18	189.01	160.07	170.64	161.85	176.09
1977-78	180.83	181.46	228.30	197.91	178.89	182.91	173.70	190.22
1978-79	185.96	187.44	240.84	199.17	173.82	184.72	182.59	198.81
1979-80	203.42	204.39	260.13	209.04	192.04	196.99	198.52	219.84
1980-81	227.84	228.66	290.68	233.66	218.09	217.33	227.78	261.41
1981-82	274.97	276.34	347.43	292.91	267.19	268.11	281.85	309.78

2.15. The Table-17 presents the wage indices of the Shop Assistants and the Shop Attenders employed in the wholesale and retail shops trading the selected groups. It shows that there were significant changes in the wage indices in the trade and commerce sector from 1974-75 onwards, marking an up trend in the wage rates of the above two categories of employees in the sector.

TABLE 17

Wage indices in the Trade and Commerce Sector 1970-82 (Urban)

Year	Whole sale shops				Shop Assistants				Retail Shops			
	Shop Assistants		Shop Attender		Shop Assistants		Shop Attender		Shop Assistants		Shop Attender	
	A	B	C	D	A	B	C	D	A	B	C	D
1970-71	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1971-72	109.56	119.75	102.10	107.48	110.57	112.59	97.56	108.90	105.07	101.08	101.88	104.85
1972-73	122.06	142.59	120.28	110.69	130.89	113.27	110.57	120.55	131.88	123.66	117.70	121.36
1973-74	149.26	147.53	132.17	137.38	143.90	127.43	134.15	146.58	144.20	135.48	135.40	132.04
1974-75	182.35	173.46	161.54	166.35	170.73	145.13	162.60	169.86	165.22	163.44	158.41	158.25
1975-76	201.47	191.36	178.32	187.85	195.93	167.20	180.49	178.08	195.65	189.25	179.65	186.41
1976-77	205.88	204.94	197.90	189.72	191.06	176.99	195.12	217.12	199.28	198.92	192.92	201.94
1977-78	213.97	225.31	202.10	198.13	213.01	187.61	213.82	242.47	210.14	213.98	207.96	208.74
1978-79	222.06	238.27	210.49	213.08	224.39	190.27	226.02	250.68	217.39	230.11	216.81	216.50
1979-80	229.41	248.15	220.20	229.91	241.46	202.65	238.21	262.33	237.68	244.09	230.09	235.92
1980-81	241.91	256.79	227.27	245.79	255.28	214.16	248.78	269.18	248.55	260.21	248.67	250.49
1981-82	257.35	267.28	234.27	268.22	275.61	236.28	261.79	331.71	263.04	283.37	268.14	265.05

A--Foodgrains & Provisions

B

--Textiles

C--Metal and Metal Products

D--Stationery and Toilets

SECTION III

Inter sectoral Comparisons and differentials in Wages

3.1 In the preceding paragraphs the trend in wage rates and wage indices of various categories of labourers engaged in the construction and Trade and Commerce sectors was discussed. An attempt is made in the section to study the inter-sectoral comparison and differentials in wages in respect of some categories of labourers common to the Agricultural and constructions sectors.

The minimum wages and fair wages are given to the workers engaged in organised sectors of industry and Agriculture in accordance with the provisions contained in various enactments. The wage rates for the agricultural workers and employees of some other industries are fixed under the Minimum Wages Act, 1948. Subsequently the principles of fixing fair wages were drawn up and the method for its implementation was also suggested. Based on those principles the real wages must be between minimum wages and the capacity of industry to pay. The fair wages fixed for the labour in the above sectors should not be out of line with the wages for labour in other sectors so as not to cause labour problems and resulting industrial unrest.

In the sectors like construction and Trade and Commerce there is no legislation in support of fixing the wages rates for the workers engaged. But the wages given to them depend on the type of employment, the skill required, the demand for labour and the like. Usually the wage rates for those involved in activities under the construction sector are comparatively high.

3.2 The following table represents the comparative position of the wage rates of skilled as well as unskilled workers in the construction and Agricultural sector.

TABLE 18

Comparison of average daily wage rates of the skilled and unskilled workers in the construction and Agricultural Sector 1976-82

Year	Daily wages rates in construction Sector				Agricultural Sector			
	Skilled worker		Unskilled worker		Skilled worker		Unskilled worker (paddy retailed)	
	Carpenter	Mason	Male	Female	Carpenter	Mason	Male	Female
1976-77	13.94	13.94	8.74	9.65	13.19	13.62	8.44	5.89
1977-78	14.81	14.88	9.38	10.10	13.94	14.10	8.67	6.06
1978-79	15.23	15.37	9.86	10.42	14.40	14.39	8.99	6.26
1979-80	16.66	16.76	10.72	11.45	16.23	16.14	9.58	6.68
1980-81	18.66	18.75	12.30	13.07	19.82	19.78	11.13	7.91
1981-82	22.52	22.66	15.22	15.94	22.42	22.50	12.74	8.83
Annual rate of increase	10.28	10.43	12.36	10.86	11.66	10.87	8.49	8.32

There was no vide variation in the wage rates of carpenter and Mason in both the construction and Agricultural Sectors. On the whole the wage rates of the above categories of workers in the above two sectors have increased by an average of 10-11% annually during the period 1976-82. As noted, in the case of unskilled worker in paddy field the rate of increase in the wage rates was slower than that for the unskilled workers of both sex in the construction sector (rural). The above table indicates the disparity in their wages in those two sectors as well.

TABLE 19 (a)
District-wise Comparison of average daily wage rates of skilled workers in the construction and Agricultural Sectors 1976-82

District	Average daily wage rates														
	Construction Sector (rural)			Agricultural Sector											
	Carpenter	Mason	Carpenter	Mason	Carpenter	Mason	1976-77	1979-80	1981-82	1976-77	1979-80	1981-82	1976-77	1979-80	1981-82
Trivandrum	14.06 (9.74)	16.37 (10.46)	22.28 (11.78)	14.10 (10.46)	17.25 (13.78)	22.95 (13.78)	11.96 (13.78)	15.65 (13.78)	21.85 (13.78)	12.00 (13.78)	15.58 (13.78)	21.92 (13.78)	15.58 (13.78)	21.92 (13.78)	
Quilon	14.89 (9.23)	17.36 (9.23)	23.14 (9.20)	14.91 (9.20)	17.36 (9.20)	23.14 (9.20)	14.21 (9.72)	17.94 (9.72)	22.50 (9.72)	14.25 (9.72)	17.73 (9.72)	22.58 (9.72)	17.73 (9.72)	22.58 (9.72)	
Alleppey	13.59 (11.17)	16.58 (11.17)	22.36 (11.07)	13.50 (11.07)	16.64 (11.07)	22.47 (11.07)	14.00 (10.81)	17.67 (10.81)	23.08 (10.81)	14.00 (10.81)	16.67 (10.81)	23.08 (10.81)	16.67 (10.81)	23.08 (10.81)	
Kottayam	14.45 (9.45)	16.75 (9.45)	22.64 (9.30)	14.52 (9.30)	16.75 (9.30)	22.64 (9.30)	14.54 (10.03)	16.33 (10.03)	23.29 (10.03)	14.54 (10.03)	16.33 (10.03)	23.29 (10.03)	16.33 (10.03)	23.29 (10.03)	
Idukki	15.00 (9.36)	17.35 (9.41)	23.42 (9.41)	15.00 (9.41)	17.37 (9.41)	23.47 (9.41)	..	..	..	..	..	..	..	..
Ernakulam	13.50 (9.95)	17.00 (11.11)	21.56 (11.11)	13.50 (11.11)	17.00 (11.11)	22.50 (11.11)	13.53 (12.02)	16.29 (12.02)	23.29 (12.02)	13.60 (11.88)	16.29 (11.88)	23.29 (11.88)	16.29 (11.88)	23.29 (11.88)	
Trichur	13.20 (12.85)	17.25 (12.90)	23.38 (12.90)	13.22 (12.90)	17.45 (12.90)	23.45 (12.90)	14.00 (11.04)	15.00 (11.04)	23.27 (11.04)	14.88 (9.38)	15.00 (9.38)	23.25 (9.38)	14.88 (9.38)	23.25 (9.38)	
Palghat	11.93 (11.13)	13.64 (11.13)	19.90 (11.53)	11.80 (11.53)	13.81 (11.53)	19.96 (11.53)	10.75 (14.34)	13.04 (14.34)	20.00 (14.34)	11.50 (12.32)	13.04 (12.32)	20.00 (12.32)	13.04 (12.32)	20.00 (12.32)	
Malappuram	14.00 (9.15)	16.03 (9.15)	21.69 (9.15)	13.96 (9.15)	15.78 (9.15)	21.62 (9.15)	12.50 (11.95)	16.33 (11.95)	21.46 (11.95)	12.94 (11.95)	16.33 (11.95)	22.04 (11.95)	16.33 (11.95)	22.04 (11.95)	
Kozhikode	14.25 (11.86)	18.40 (11.86)	24.39 (11.94)	14.13 (11.94)	18.28 (11.94)	24.25 (11.94)	12.31 (14.39)	18.00 (14.39)	22.94 (14.39)	14.19 (10.32)	17.38 (10.32)	22.98 (10.32)	17.38 (10.32)	22.98 (10.32)	
Cannanore	14.75 (9.23)	16.50 (9.23)	22.92 (9.16)	14.75 (9.16)	16.67 (9.16)	22.86 (9.16)	14.08 (10.04)	17.00 (10.04)	22.56 (10.04)	14.33 (9.60)	17.00 (9.60)	22.58 (9.60)	17.00 (9.60)	22.58 (9.60)	

Figures in the bracket indicate annual average rate of increase during the period 1976-77 to 1981-82.

TABLE 19 (b)
District-wise Comparison of average daily wage rates of unskilled workers in the construction
and Agricultural Sectors 1976-82

District	Average daily wage rates										
	Construction Sector (rural)					Agricultural Sector					
	Unskilled labourers		Female		Male		Paddy field workers		Female		
	1976-77	1979-80	1981-82	1976-77	1979-80	1981-82	1976-77	1979-80	1981-82	1976-77	
Trivandrum	8.28 (16.38)	11.39 (16.38)	16.42 (12.69)	6.70 6.50	9.42 8.67	11.80 12.64	7.96 7.73	8.90 (10.20)	12.83 10.04	6.92 13.88	7.71 5.83
Quilon	9.18 (9.91)	10.42 (13.39)	14.64 (15.74)	6.50 6.44	8.67 8.22	12.64 12.09	7.73 7.90	10.04 (13.26)	13.88 8.53	6.96 5.67	10.00 (7.42) (11.92)
Alleppey	8.50 (10.75)	10.75 (13.39)	15.33 (14.60)	6.44 7.55	8.22 8.49	12.09 11.92	7.90 7.38	8.53 (10.59)	12.92 7.40	5.67 10.92	8.50 (8.32)
Kottayam	9.23 (8.92)	10.47 (10.18)	14.17 (9.65)	7.55 7.00	8.49 8.38	11.92 11.13	7.38 ..	7.40 (7.99)	10.92 5.19	5.19 5.40	8.13 (9.44)
Idukki	8.50 (10.26)	10.11 (10.18)	14.75 (11.33)	5.86 6.07	7.50 7.31	10.61 12.37	9.69 8.50	10.25 10.09	12.50 14.40	6.31 5.38	8.50 (5.78)
Ernakulam	8.78 (11.33)	10.11 (11.33)	14.75 (13.51)	5.86 6.08	7.50 7.31	10.61 12.37	9.69 8.50	10.25 10.09	12.50 14.40	6.31 5.38	8.50 (5.78)
Trichur	8.58 (14.35)	11.00 (14.35)	16.07 (17.24)	6.08 4.94	7.31 6.14	12.37 7.38	8.50 6.18	10.09 7.15	14.40 9.08	5.38 5.09	9.27 (12.05)
Palghat	7.11 (10.34)	8.43 (10.34)	11.52 (8.23)	4.94 6.18	6.14 7.25	7.38 10.57	7.15 8.63	7.15 10.00	9.08 13.31	5.09 6.19	6.96 (6.12)
Malappuram	8.39 (14.24)	9.67 (13.45)	15.56 (11.84)	6.18 7.10	7.25 9.44	10.57 12.89	7.82 9.06	7.82 10.17	9.08 12.98	5.09 7.00	5.77 (6.79)
Kozhikode	9.33 (15.67)	13.45 (10.98)	18.22 (13.59)	7.10 6.89	9.44 8.20	12.89 12.00	9.06 11.38	10.17 13.25	12.98 14.50	7.83 5.33	10.21 (7.64)
Cananore	10.25 (10.98)	12.00 (10.98)	17.00 (12.36)	6.89 8.20	12.00 11.38	13.25 (4.57)	10.17 14.50	12.98 14.50	12.98 5.33	7.83 5.88	10.21 (8.35)

Figures in bracket shows rate of average annual increase in wages during the period 1976-77 to 1981-82.

3.3. The average daily wage rates of the skilled and unskilled labourers in the various districts engaged in the construction and Agricultural sectors are compared in the tables 19 (a) and 19(b). It shows that there were a few districts like Alleppey, Ernakulam and Trichur where both the Carpenters and Masons in the construction sector were paid comparatively lower wages during the year 1976-77. But the average wage rates worked out for the period of the survey under report(1977-82) in respect of the Carpenters and Masons in the constructor sector was higher than that in the Agricultural sector in all districts except, Alleppey, Ernakulam, Palghat and Malappuram. As regards the unskilled labourers (Female) the average wage rates paid to them in the construction sector were in excess of those given to their counterparts in the Agriculturl sector in all districts during the period under reference. In the case of male workers, the average wage rates for the period of the survey under report were higher in the construction sector than in the Agricultural sector in all districts except Malappuram district. It is also interesting to note that the low wages were seen paid to the skilled as well as unskilled labourers in both the sectors in the districts of Palghat, Perhaps, this may be due to the possibility of getting labourers from the neighbouring state at cheaper rate. The annual rate of increase in the wage of various skilled labourers in the construction sector during the period 1976-82 in different districts ranged from 9-13% in the case of Carpenter and Mason as against 9-14% in respect of Carpenter and Mason in the Agricultural sector.

TABLE 20

Inter-sectoral differentials in wages of Carpenter, Mason and Un-skilled workers engaged in construction and agricultural activities

Year	Co-efficient of variation(%)			
	Construction & Agricultural Sector		Wages of unskilled workers	
	Wages of Carpenter (Group-I)	Wages of Mason (Group II)	Male	Female
1976-77	3.83	1.67	2.44	6.80
1977-78	3.27	3.79	5.54	10.11
1978-79	3.98	3.70	6.57	11.05
1979-80	1.82	2.67	7.98	13.41
1980-81	4.26	3.79	7.09	13.81
1981-82	0.02	0.49	12.52	18.00

3.4. The above table shows a marked decline in inter-sectoral differential in case of wages of the Carpenter and the Mason in the two sectors during the year 1981-82. The average percentage of co-efficient of variation which was 3.69 and 3.05 in those two groups respectively during the period 1976-79 came down to 2.03 and 2.32 during 1979-82. The year 1980-81 witnessed higher percentage of co-efficient of variation in those cases compared to the previous year. In the two groups, the decreasing tendency in inter sectoral differential was changed to a rise in the year 1980-81 followed by a sharp decline. The higher percentage co-efficient variation was exhibited during the year 1980-81 due to the wide variation in their wages in those two sectors as compared to the previous year. In the case of unskilled labourers the percentage co-efficient variation showed an upward trend. This widened inter sectoral differential is indicative of the disparity in the wage rates of the unskilled workers in those two sectors.

3.5. It is evident from the table-21 that in the majority of the districts in the case of Carpenters and in five districts in the case of Masons, the inter-sectoral differentials of wages were higher in 1976-77 as compared to the year 1979-80 and 1981-82. The comparatively low wages paid to the skilled workers (Carpenters and Masons) in the Agricultural sector caused for high percentage of co-efficient of variation in a few Districts like Trivandrum, Trichur, Palghat, Malappuram, Kozhikode in the year 1976-77 and in Trivandrum and Trichur in 1979-80. The tendency towards narrowing has been consistent in the districts of Trivandrum, Quilon, Palghat, Malappuram and Cannanore in group I and in Trivandrum and Malappuram in Group II. The percentage co-efficient of variation which came down in 1979-80, again recorded an increase in 1981-82 in Kozhikode district in Group I and in the districts of Quilon, Alleppey and Cannanore in Group II. On the other hand the co-efficient of variation went down in 1981-82 after marking an increase in 1979-80 over 1976-77 figures in the districts by Alleppey and Trichur in the case of Group I and in the districts of Ernaklam, Trichur and Palghat in Group-II. It consistently increased in Ernakulam and Kottayam districts in Group-I and in the districts of Kottayam and Kozhikode in Group-II. In relation to the unskilled labourers co-efficient of variation increased in majority of the districts in the year 1979-80 over the year 1976-77. In the year 1981-82 it declined after recording an increase in 1979-80 over 1976-77 figures in the districts of Trivandrum, Kottayam and Palghat in the case of female workers and in Trivandrum and Alleppey districts in respect of male workers.

SECTION IV

General Index and Wage indices

4.0. There is no denying the fact that the movement of prices exercises influence on the wages. The increase in prices of consumer goods pressurises the labourers to demand for increase in wages in order to adjust themselves to the rise in the cost of living. The reliance of the real wages on money wages and the retail prices of goods cannot be forgotten in this context.

4.1. The tables given below (22-25) present the wage indices in the construction and Trade and Commerce sectors and the cost of living index in three important centres representing the Southern, Central and Northern part of the State. A perusal of the wage indices in the construction sector and the general-index numbers indicates that the percentage increase in the three centres varied from 62-65 during the period 1972-76 and that the corresponding increase in wage indices in the construction sector ranged from 40-49% in the case of Carpenter 36-44% in the case of Mason 31-54% in respect of male workers and 16-62% in female workers in the three centres. It shows that the pace at which the rate of change in wage indices in the construction sector took place, during the period 1972-76 was not as same as that in the general index. After a decline in the years 1976-77 and 1977-78, the general index showed an upward trend during the latter part of the period under study. The percentage increase in wage indices in the construction sector in respect of the workers considered here during the period from 1977-78 was much higher than that in general index in all the three centres. While considering the whole decade (1972-82) the increase in wage indices was faster than that in general index.

4.2. Under the Trade and Commerce sector the percentage increase in wage indices of shop Assistants in the Wholesale Shops trading Clothing and Textiles as well as the Metal and Metal products was relatively higher than that in general index during the decade 1972-82 in Trivandrum Centre only. Similarly the percentage change in wage indices of shop Assistants in the retail shops dealing with foodgrains and provisions showed higher increase than general index in Trivandrum and Kozhikode Centres. At the same time regarding Textiles under retail trade it was higher in Kozhikode Centre and regarding stationery items in all the three centres under the study. In all other cases the increase was comparatively more in general index.

4.3. From the above analysis, one may refer that the trend in the wage indices was favourable to the workers engaged in both the construction as well as Trade and Commerce Sectors.

TABLE 21
Inter-sectoral differentials in wages of skilled and unskilled workers—district-wise

District	Percentage of coefficient of variation-Construction and Agricultural sector																	
	Group I (Wages of Carpenter)			Group II (Wages of Mason)			Group III (Wages of unskilled worker)			Male			Female					
	1976-77	1979-80	1981-82	1976-77	1979-80	1981-82	1976-77	1979-80	1981-82	1976-77	1979-80	1981-82	1976-77	1979-80	1981-82	1976-77	1979-80	1981-82
Trivandrum	11.38	3.19	1.38	11.38	7.19	3.25	2.79	24.54	17.36	2.28	14.12	11.68						
Quilon	3.30	2.32	1.98	3.20	1.49	1.73	12.13	2.63	3.77	7.68	15.48	16.49						
Alleppey	2.10	4.50	2.24	2.54	0.13	1.21	5.17	16.28	12.06	8.99	15.67	27.96						
Kottayam	0.41	1.79	2.00	0.10	1.79	2.00	15.75	24.30	28.78	26.20	31.46	26.73						
Ernakulam	0.15	3.02	5.64	0.52	3.02	2.44	6.97	0.97	11.68	5.23	10.10	15.61						
Trichur	4.19	9.86	0.33	8.35	10.68	0.61	0.66	6.10	7.75	8.13	3.47	20.26						
Palghat	7.32	3.18	0.35	1.82	4.06	0.14	9.90	11.62	16.75	2.11	4.39	4.14						
Malappuram	8.00	1.31	0.75	5.15	2.42	1.36	1.99	2.37	11.02	0.11	0.78	13.64						
Kozhikode	10.33	1.55	4.33	0.30	3.57	3.80	2.08	2.32	23.90	1.00	13.18	16.41						
Cannanore	3.29	1.43	1.12	2.04	0.01	0.87	7.39	7.00	11.22	18.05	23.30	28.28						

TABLE II

Wage Indices of Skilled Labourers in Construction Sector—1972-'82

TABLE 22 (Contd.)
Wages and Indices of Unskilled Labourers in Construction Sector—1972-82

Year	Men				Women			
	Rural Triban- drum	Urban Enakku- lam	Rural Triban- drum	Urban Enakku- lam	Rural Triban- drum	Urban Enakku- lam	Rural Triban- drum	Urban Enakku- lam
1972-73	113	111	108	90	127	119	93	121
1973-74	120	133	122	123	106	129	128	107
1974-75	129	143	147	132	111	148	133	106
1975-76	148	168	159	148	138	168	139	129
1976-77	166	176	150	170	147	179	168	147
1977-78	184	195	169	170	174	185	197	174
1978-79	196	199	187	177	178	194	209	183
1979-80	228	202	216	204	184	222	236	188
1980-81	244	230	246	240	193	251	272	213
1981-82	328	295	311	227	294	295	265	348

TABLE 23
Wage Indices of Shop Assistants in Wholesale Trade & Commerce Sector—1972-'82
(Base—70-71) (Urban)

Year	Foodgrains and Provisions				Clothings				Metal and Metal Products*	
	Trivandrum	Ernakulam	Kozhikode	Tiruvandrum	Ernakulam	Kozhikode	Tiruvandrum	Ernakulam	Kozhikode	Tiruvandrum
1972-73	125	110	153	147	157	154	106	94	..	..
1973-74	130	153	166	163	158	176	144	114	133	133
1974-75	175	153	240	192	173	201	186	122	179	179
1975-76	196	159	234	210	203	214	219	129	193	193
1976-77	196	152	239	216	214	235	261	129	223	223
1977-78	197	174	245	278	221	246	270	132	..	..
1978-79	200	177	252	283	221	252	273	134	..	..
1979-80	207	185	269	312	226	259	303	138	..	..
1980-81	219	203	296	322	234	264	312	138	..	..
1981-82	228	221	313	347	249	271	333	146	196	196

*For Kozhikode—base 1971-72.

TABLE 24
Wage Indices of Shop Assistants in Retail Trade in Trade & Commerce Sector—1972-82

Year	Foodgrains and Provisions				Clothings				Stationery			
	Trivandrum	Ernakulam	Kollidam	Kozhikode	Trivandrum	Ernakulam	Kollidam	Kozhikode	Trivandrum	Ernakulam	Kollidam	Kozhikode
1972-73		89	114	119	132	109	116	182	106	106	159	
1973-74		124	123	123	146	122	140	150	177	177	186	
1974-75		136	103	150	168	145	206	188	177	177	204	
1975-76		158	133	161	199	150	246	209	189	189	237	
1976-77		188	186	163	201	153	279	243	180	180	252	
1977-78		193	187	218	221	192	280	244	200	200	276	
												35
1978-79		212	202	233	237	201	289	247	204	204	299	
1979-80		219	213	248	254	206	302	253	218	218	319	
1980-81		232	217	266	260	208	316	256	230	230	344	
1981-82		236	224	270	276	218	325	268	238	238	361	

TABLE 25
General Index

Base 1970 : 100

Year	Trivandrum	Eriakulam	Kozhikode
1972-73	110	109	110
1973-74	137	137	139
1974-75	177	174	181
1975-76	181	177	181
1976-77	162	160	164
1977-78	160	158	164
1978-79	168	164	173
1979-80	185	176	186
1980-81	211	203	211
1981-82	232	227	233

ANNEXURE 1.1

Average daily wage rates of workers in the construction sector (Urban) 1970-71

District	Type of workers										(in rupees)		
	Skilled Workers			Unskilled Workers									
	Carpenter I Class	Carpenter II class	Mason I Class	Mason II class	Painter I class	Painter II class	Sawyer	Plumber	Electrician	Men	Women	Children	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
Tiravandrum	8.52	7.50	8.56	8.07	7.00	6.33	..	..	8.25	5.18	4.10	..	
Quilon	9.13	8.00	9.11	8.29	7.50	6.40	..	..	..	5.25	4.00	3.50	
Alleppey	8.90	8.23	8.89	8.30	7.53	6.53	7.88	9.21	9.42	5.61	4.38	4.00	
Kottayam	9.02	8.54	8.89	8.61	7.95	6.99	8.09	10.46	..	5.64	4.00	4.00	
Idukki	..	..	..	..	..	..	..	..	..	..	..	..
Erikulam	8.84	7.32	8.97	7.48	8.18	..	..	9.11	..	6.80	4.60	3.00	
Trichur	8.68	7.60	9.24	8.16	8.58	8.36	8.63	8.33	10.00	5.97	3.69	3.02	
Palghat	7.04	5.50	7.18	6.49	6.67	6.06	..	8.00	8.00	4.05	2.66	2.17	
Malappuram	..	..	..	..	..	..	..	..	..	..	..	..
Kozhikode	8.73	8.13	8.94	7.54	8.19	7.40	7.51	..	10.00	6.30	3.99	3.29	
Cannanore	8.30	7.57	8.81	7.82	8.95	..	7.50	10.00	10.00	6.61	3.88	3.44	
Kerala	8.63	7.50	8.73	7.86	7.84	6.58	7.62	9.16	9.28	5.71	3.98	3.30	

ANNEXURE I.2

Average Daily wage rates of workers in the construction sector (Rural) 1970-71

Districts	Type of workers											
	Skilled Workers						Unskilled Workers					
	Carpenter I class	Carpenter II class	Mason I class	Mason II class	Painter I class	Painter II class	Sawyer	Plumber	Electrical Wireman	Men	Women	Children
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(3)
Trivandrum	8.25	7.16	8.43	7.50	6.50	..	..	..	..	5.00	4.00	3.00
Quilon	8.84	7.25	8.75	7.63	7.00	6.50	..	..	..	4.78	3.93	..
Alleppey	8.71	..	8.60	..	6.00	5.00	7.00	8.00	8.25	5.32	4.08	3.50
Kottayam	8.09	..	8.12	..	6.67	5.00	7.00	8.67	8.67	5.18	4.00	..
Idukki	..	..	..	..	..	..	..	..	..	..	..	..
Ernakulam	8.30	7.25	8.06	7.48	..	..	..	9.00	..	5.00	4.83	..
Trichur	8.08	7.50	8.19	7.90	..	..	7.63	..	..	5.89	3.37	3.00
Palghat	6.91	5.45	7.03	6.43	6.50	6.02	..	7.50	8.00	4.70	2.64	..
Malappuram	..	..	..	..	..	..	..	..	..	..	..	..
Kozhikode	8.33	7.53	8.30	7.50	8.00	7.00	7.00	..	..	6.22	3.70	..
Cannanore	8.28	7.35	8.33	7.36	8.33	8.00	7.23	..	..	6.60	3.29	3.35
Kerala	8.19	7.05	8.20	7.40	6.22	6.25	7.19	8.29	8.31	5.40	3.68	3.21

ANNEXURE 1.3

Average monthly wage rates in the trade and commerce sector—Urban 1970-'71

39

District	Type of workers														
	Shop Assistants				Retail Trade in				Wholesale Trade in				Shop Attenders		
	Food grains	Textiles	Metal and Metal Products	Retail Trade in Food grains	Textiles	Metal and Metal Products	Food grains	Textiles	Metal and Metal Products	Food grains	Textiles	Stationary	Retail Trade in Stationary		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)			
Trivandrum	138	129	122	118	134	128	93	102	96	93	97	'92			
Quilon	138	163	125	..	138	..	92	131	96	80	105	82			
Alleppey	138	211	165	121	179	150	93	139	103	..	129	127			
Kottayam	147	192	122	156	182	143	139	141	103	121	..	122			
Idukki	..	..	..	..	..	..	..	..	..	..	..	..
Ernakulam	165	183	221	133	202	158	124	149	148	112	124	128			
Trichur	133	160	124	107	139	148	95	..	..	..	..	120
Palghat	100	130	123	..	81	99	..	101	130	75	..	..	
Malappuram	..	..	..	..	..	..	..	..	..	..	..	..
Kozhikode	110	153	..	120	124	..	77	..	..	..	..	..
Cannanore	161	135	141	108	..	..	146	100	..	80	110	80	
Kerala	136	162	143	123	146	138	107	123	113	93	113	103			

ANNEXURE 2.1

Average daily wage rates of workers in the construction sector (Rural)—1977-78

District	Type of workers										Unskilled workers (12)	
	Skilled Workers					Unskilled workers						
	Carpenter I class	Carpenter II class	Mason I class	Mason II class	Painter I class	Painter II class	Sawyer	Plumber	Electrical wireman	Men	Women	Children
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(13)	
Trivandrum	14.45	12.58	14.89	12.78	14.33	12.11	12.71	14.02	14.83	9.19	7.39	7.92
Quilon	15.42	13.75	15.42	13.75	15.45	13.87	14.00	15.00	15.00	9.34	7.66	..
Alleppey	14.97	12.53	14.95	12.28	14.06	12.03	14.00	14.85	14.97	9.14	7.22	5.71
Kottayam	14.92	13.00	14.86	12.50	15.00	13.00	14.69	15.00	15.00	9.29	7.74	7.25
Idukki	15.00	13.63	15.00	13.63	15.00	15.00	15.00	15.00	15.00	8.63	7.06	..
Ernakulam	15.00	14.00	15.00	14.31	13.00	12.87	12.80	15.00	15.00	9.73	6.97	..
Trichur	15.16	13.45	15.25	13.83	13.87	12.80	15.00	15.00	15.00	9.93	6.19	..
Palghat	12.06	11.81	12.36	11.28	11.00	11.00	11.00	11.00	11.00	7.76	5.17	4.44
Malappuram	14.73	12.17	14.80	12.51	14.00	10.00	10.00	15.11	15.89	8.92	6.55	7.00
Kozhikode	16.19	14.40	15.81	14.14	15.07	13.58	13.58	13.58	13.58	10.50	7.50	7.22
Cannanore	15.00	12.65	15.33	12.65	16.25	14.00	14.00	15.00	15.00	10.72	7.03	..
Kerala	14.81	13.09	14.88	13.06	14.20	12.67	14.23	14.83	15.20	9.38	7.00	6.59

ANNEXURE 2.2

Average daily wage rates of workers in the construction sector (Urban) 1977-78

41

Districts	Types of workers											
	Skilled Workers						Unskilled Workers					
	Carpenter I class	Carpenter II class	Mason I class	Mason II class	Painter I class	Sawyer II class	Plumber	Electrical Wrieman	Men	Women	Children	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	14.40	12.30	14.50	12.15	13.55	11.60	12.98	14.58	14.90	8.82	7.76	7.57
Quilon	15.45	13.93	15.45	13.93	15.37	14.00	14.45	14.97	15.00	9.28	7.90	6.57
Alleppey	15.03	13.03	15.16	12.93	14.53	12.71	14.46	15.00	16.38	10.24	7.94	6.14
Kottayam	14.71	13.46	14.78	13.37	14.08	12.17	15.00	15.00	15.00	9.93	7.90	7.07
Idukki	15.11	14.00	15.11	14.33	..	..	..	..	..	10.00	8.00	..
Ernakulam	15.00	13.34	15.00	13.33	12.75	12.00	..	..	..	11.35	8.18	..
Trichur	15.33	14.28	15.33	14.28	14.54	12.64	15.00	13.50	15.96	10.22	7.37	..
Palghat	12.92	11.75	12.75	11.93	11.10	10.00	..	..	..	7.83	5.60	4.59
Malappuram	15.39	12.81	15.52	12.80	14.66	..	..	15.78	18.50	9.75	7.56	7.31
Kozhikode	16.70	14.28	16.66	14.28	15.76	13.63	17.50	17.00	..	11.65	7.95	7.18
Cannanore	17.00	13.80	16.38	14.73	16.21	..	..	..	..	11.60	7.53	6.12
Kerala	15.19	13.36	15.15	13.46	14.26	12.34	14.90	15.12	15.96	10.10	7.61	6.57

ANNEXURE 2.3

Average monthly wage rates in the trade and commerce sector—Urban 1977-78

Districts	Type of Workers						Shop Attenders					
	Wholesale trade in			Retail trade in			Wholesale trade in			Retail trade in		
	Food grains	Textiles	Metal and Metal Products	Food grains	Textiles	Stationary	Food grains	Textiles	Metal and Metal Products	Food grains	Textiles	Stationary
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	272	358	329	228	296	312	199	242	202	204	215	209
Quilon	255	298	260	225	307	248	187	250	182	187	208	190
Alleppey	250	522	246	238	417	265	180	300	191	188	230	247
Kottayam	417	413	319	378	412	389	267	258	232	216	239	239
Idukki	329	310	309	222	284	200	206	240	204	207	244	194
Ernakulam	287	404	292	249	388	316	242	265	216	191	192	208
Trichur	307	367	304	292	412	321	233	289	243	218	246	224
Palghat	233	242	216	253	382	230	170	200	196	151	168	218
Malappuram	..	..	..	221	317	..	..	..	..	..	211	236
Kozhikode	269	377	..	262	347	323	207	318	211	212	255	206
Cannanore	289	362	329	305	328	300	226	256	238	209	255	211
Kerala	291	365	289	263	354	290	212	262	212	199	235	215

ANNEXURE 3.1

Average daily wage rates of workers in the construction sector (Urban) 1978-79

43

Districts.	Type of Workers											
	Skilled Workers						Unskilled Workers					
	Carpenter I class	Carpenter II class	Mason I class	Mason II class	Painter I class	Painter II class	Sawyer	Plumber	Electrical Wireman	Men	Women	Children
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	14.75	12.53	14.93	12.38	13.73	11.81	13.83	14.92	15.10	9.15	8.19	7.89
Quilon	16.00	14.88	16.00	14.88	15.95	14.57	14.88	15.04	15.09	9.40	8.00	6.75
Alleppey	15.38	13.15	15.38	13.23	14.55	12.75	14.50	14.00	16.50	10.78	8.35	6.18
Kottayam	14.93	13.75	15.04	13.71	14.19	12.19	..	..	15.00	10.04	7.95	7.21
Idukki	15.50	14.00	15.75	14.61	..	..	..	..	..	10.42	8.25	..
Ernakulam	15.25	13.64	15.25	13.64	14.42	12.00	..	..	15.50	12.08	8.88	..
Tirichur	16.43	15.35	16.40	15.30	15.25	13.29	..	16.00	16.13	10.65	7.71	..
Palghat	13.75	12.65	13.52	12.35	13.52	12.03	..	14.80	16.40	7.89	5.84	..
Malappuram	16.18	13.36	16.48	13.50	15.00	14.50	..	16.33	19.25	10.33	8.10	7.38
Kozhikode	17.55	15.25	17.60	15.50	16.25	14.25	..	..	..	12.20	8.15	7.30
Cananore	17.00	14.45	16.38	14.80	16.57	..	..	..	..	11.63	7.35	6.13
Kerala	15.70	13.91	15.68	13.99	14.94	13.04	14.40	15.36	16.00	10.42	7.91	6.93

ANNEXURE 3.2

Average daily wage rates of workers in the construction sector (Rural) 1978-79

Districts	Type of Workers											
	Skilled Workers						Unskilled Workers					
	Carpenter I class	Carpenter II class	Mason I class	Mason II class	Painter I class	Painter II class	Sawyer	Plumber	Electrical Wrieman	Men	Women	Children
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	14.81	12.78	15.67	13.28	14.97	12.44	13.54	14.69	15.22	9.78	8.36	8.19
Quilon	16.00	14.45	16.02	14.50	15.66	14.11	14.75	15.00	15.11	9.56	7.83	..
Alleppey	15.00	12.84	15.00	12.57	14.11	12.06	14.00	14.95	15.00	9.78	7.59	5.89
Kottayam	15.08	..	15.17	13.25	15.00	..	15.00	..	15.00	9.51	7.77	..
Idukki	15.63	14.29	15.89	14.60	..	..	..	..	..	9.54	7.66	..
Ernakulam	15.26	14.35	15.25	14.57	14.75	..	..	..	..	..	9.97	7.30
Trichur	15.92	14.14	16.17	14.72	15.00	13.68	..	11.83	16.00	10.50	6.75	..
Palhat	12.47	11.84	12.64	11.50	13.67	13.08	..	15.00	15.14	8.14	5.33	..
Malappuram	15.41	12.56	15.44	12.56	14.50	12.00	..	..	16.00	9.28	6.95	..
Kozhikode	16.99	15.34	16.49	14.34	16.03	14.25	..	..	..	11.62	7.95	7.25
Cannanore	15.00	12.75	15.33	12.75	16.25	15.00	..	15.00	..	10.75	7.08	..
Kerala	15.23	12.53	15.37	13.57	14.98	13.33	14.32	14.41	15.36	9.86	7.32	7.11

ANNEXURE 3.3

Average monthly wage rates in the trade and commerce sector—Urban 1978-79

Districts	Type of Workers											
	Shop Assistants				Retail trade in Wholesale trade in				Shop Attenders			
	Retail Trade in Food grains	Textiles	Metal and Metal Products	Food grains	Retail Trade in Textiles	Stationary	Food grains	Textiles	Metal and Metal Products	Food grains	Textiles	Stationary
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	276	578	333	250	317	316	226	261	211	212	235	227
Quilon	270	325	268	232	326	250	203	263	187	199	219	195
Alleppey	267	581	271	276	434	265	194	307	201	199	234	253
Kottayam	422	419	329	393	424	422	283	274	233	225	244	259
Idukki	340	322	333	238	289	232	210	243	208	236	247	212
Erikkulam	292	404	296	269	407	323	256	266	218	192	302	217
Trichur	310	405	314	302	418	329	240	307	247	236	268	225
Palghat	258	273	217	266	403	240	208	229	197	175	180	239
Malappuram	..	..	..	235	320	275	..	..	190	221	238	185
Kozhikode	277	386	..	280	358	350	224	341	218	223	264	222
Cannanore	303	370	349	329	335	300	231	259	251	236	268	214
Kerala State	302	386	301	278	366	300	228	276	213	214	245	223

ANNEXURE 4.1

Average daily wage rates of workers in the construction sector (Urban) 1979-80

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Districts (1)	Type of Workers											
	Skilled Workers					Unskilled Workers						
	Carpenter I class (2)	Carpenter II class (3)	Mason I class (4)	Mason II class (5)	Painter I class (6)	Painter II class (7)	Sawyer I class (8)	Plumber II class (9)	Electrical Wireman (10)	Men (11)	Women (12)	Children (13)
Trivandrum	16.29	14.12	16.79	14.31	15.26	13.10	..	16.24	16.25	10.57	9.45	8.60
Quilon	18.00	16.60	18.00	16.72	16.70	15.55	16.00	16.66	16.05	11.02	9.32	8.00
Alleppey	17.35	15.37	17.35	15.37	15.27	13.25	14.62	15.30	16.62	12.35	9.87	7.25
Kottayam	17.25	14.66	17.35	14.66	15.00	13.00	..	18.16	17.25	10.75	8.77	8.12
Idukki	17.67	15.90	18.00	16.14	..	..	..	..	..	11.72	9.23	..
Ernakulam	17.50	15.75	17.50	15.75	17.00	..	..	..	17.00	12.50	9.50	..
Trichur	17.60	16.20	17.60	16.20	16.27	14.75	..	16.81	16.68	11.15	8.15	..
Palghat	14.55	13.55	14.25	13.25	14.83	13.91	..	..	15.73	8.20	6.08	4.00
Malappuram	17.25	13.88	17.26	14.00	16.13	15.00	..	17.92	20.86	10.77	8.36	..
Kozhikode	19.40	17.37	19.40	17.37	17.87	15.91	..	..	..	13.97	9.52	7.97
Cannanore	18.78	15.65	18.15	15.60	17.63	17.00	..	..	..	12.95	9.12	6.25
Kerala State	17.41	15.27	17.42	15.40	16.20	14.61	15.31	16.85	17.06	11.45	8.85	7.17

ANNEXURE 4.2

Average daily wage rates of workers in the construction sector (Rural) 1979-80

Districts	Type of Workers										<i>Unskilled Workers</i>	
	Skilled Workers					Unskilled Workers						
	Carpenter I class	Carpenter II class	Mason I class	Mason II class	Painter I class	Painter II class	Sawyer	Plumber	Electrical Wrenam	Men	Women	Children
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	16.37	14.81	17.25	14.87	16.48	14.18	15.00	16.30	17.02	11.39	9.42	9.04
Quilon	17.36	16.25	17.36	16.25	16.54	15.15	16.08	16.44	16.25	10.42	8.67	7.33
Alleppey	16.58	14.25	16.64	14.25	14.44	12.19	14.00	15.25	15.00	10.75	8.22	6.00
Kottayam	16.75	..	16.75	..	..	..	..	..	..	17.00	10.47	8.49
Idukki	17.35	15.38	17.37	15.59	..	..	..	..	..	..	10.26	8.38
Ernakulam	17.00	15.00	17.00	15.00	16.25	..	..	..	..	..	10.11	7.50
Trichur	17.23	15.69	17.45	16.05	16.00	15.00	..	16.00	16.20	11.00	7.31	..
Palghat	13.64	12.77	13.81	12.71	15.33	14.57	..	..	15.71	8.43	6.14	..
Malappuram	16.03	13.15	15.78	12.93	15.49	13.69	..	15.00	17.44	9.67	7.25	..
Kozhikode	18.40	16.75	18.28	16.75	17.65	16.06	..	..	..	13.45	9.44	8.55
Cannanore	16.50	14.25	16.67	14.18	17.40	16.25	..	16.50	..	12.00	8.20	..
Kerala State	16.66	14.78	16.76	14.86	16.18	14.63	15.03	15.92	16.37	10.72	8.09	7.78

ANNEXURE 4.3

Average monthly wage rates in the trade and commerce sector—Urban 1979-80

Districts	Type of Workers								Shop Attenders			
	Wholesale trade in				Retail trade in				Wholesale trade in			
	Food grains	Textiles	Metal and Metal Products	Food grains	Textiles	Stationery	Food grains	Textiles	Metal and Metal Products	Food grains	Textiles	Stationery
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	286	403	370	259	340	324	273	289	231	236	246	247
Quilon	286	350	284	244	339	261	209	284	195	209	143	217
Alleppey	274	583	277	293	460	..	222	326	212	221	254	260
Kottayam	428	460	344	400	428	446	311	291	259	242	265	277
Idukki	349	330	350	258	300	237	213	259	232	270	257	218
Ernakulam	306	414	304	283	416	344	266	283	225	196	323	248
Trichur	314	419	..	320	445	335	257	323	255	242	277	261
Palghat	274	294	220	293	418	..	217	254	200	185	187	263
Malappuram	..	..	..	246	339	..	..	..	201	227	251	196
Kozhikode	296	397	..	298	374	373	254	375	243	230	278	243
Cannanore	308	374	369	332	354	307	238	287	271	244	279	236
Kerala State	312	402	315	293	383	328	246	297	229	227	260	243

ANNEXURE— 5.1.

Average daily wage rates of workers in the construction sector (Urban) 1980-81

(In rupees)

Districts	Type of workers											
	Skilled Workers						Unskilled Workers					
	Carpenter I class	Carpenter II class	Mason I class	Mason II class	Painter I class	Painter II class	Sawyer	Plumber	Electrical Wireran	Men	Women	Children
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	18.79	16.46	18.78	16.54	17.58	15.63	..	18.23	18.03	12.42	10.35	10.17
Quilon	19.75	18.52	19.95	18.50	18.75	16.50	17.83	18.25	17.65	13.20	10.82	8.95
Alleppey	19.07	17.07	19.15	17.07	16.85	14.87	15.87	16.87	17.37	13.60	11.70	9.00
Kottayam	19.50	..	19.62	..	17.08	..	18.75	..	19.71	12.52	10.64	9.73
Idukki	19.65	17.75	19.83	17.82	..	..	..	..	..	13.41	10.03	..
Ernakulam	18.50	16.50	18.50	16.50	17.75	17.00	..	..	18.00	13.12	9.75	..
Trichur	19.19	17.64	19.27	17.67	18.33	16.36	..	18.50	18.28	12.63	9.60	..
Palghat	16.80	15.71	16.65	15.66	16.81	15.56	..	..	17.64	9.65	7.01	..
Malappuram	18.97	15.44	18.98	15.50	17.00	15.83	..	..	20.87	12.56	9.98	..
Kozhikode	21.40	19.38	21.45	19.40	21.12	18.07	..	..	..	15.80	11.37	9.00
Cannanore	21.14	17.30	20.81	17.95	19.42	17.50	..	..	..	14.95	10.67	7.50
Kerala State	19.33	17.23	19.36	17.26	17.97	16.37	17.48	17.96	18.51	13.07	10.22	9.06

ANNEXURE 5.2

Average daily wage rates of workers in the construction sector (Rural) 1980-81

(In rupees)

District	Type of workers											
	Skilled workers						Unskilled workers					
	Carpenter I Class	Carpenter II Class	Mason I Class	Mason II Class	Painter I Glass	Painter II Glass	Sawyer	Plumber	Electrical wire man	Men	Women	Children
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	18.36	16.25	19.16	16.99	18.15	16.11	17.00	19.00	18.96	12.19	10.89	10.56
Quilon	19.33	18.03	19.30	18.14	18.01	16.14	18.16	18.50	18.25	11.94	10.25	7.87
Alleppey	18.48	16.25	18.59	16.36	15.89	13.72	15.25	16.41	16.67	12.72	9.89	7.67
Kottayam	18.72	..	18.72	..	20.00	..	..	..	18.87	12.36	10.44	8.87
Idukki	19.41	17.19	19.64	17.74	..	..	..	..	..	..	12.45	9.62
Ernakulam	18.50	16.50	18.50	16.30	17.50	..	..	..	..	..	11.50	8.50
Trichur	19.33	17.64	19.45	17.75	18.00	17.00	..	18.00	18.20	12.63	9.16	..
Palghat	15.77	14.82	16.11	15.02	17.17	15.00	..	..	16.00	9.28	6.71	6.00
Malappuram	17.88	14.64	17.67	14.64	16.75	14.33	..	..	19.50	11.47	9.03	..
Kozhikode	20.47	18.16	20.25	18.61	19.73	17.90	..	..	..	15.33	11.53	10.00
Cananore	18.96	16.55	18.89	16.35	19.62	18.00	..	18.50	..	13.50	9.78	..
Kerala State	18.66	16.60	18.75	16.81	18.08	16.03	16.80	18.08	18.06	12.30	9.62	8.50

ANNEXURE 5.3

Average monthly wage rates in the trade and commerce sector (Urban) 1980-81 Type of Workers (In rupees)

District	Type of Workers										Retail Trade in Statistical Products	
	Shop Assistants					Shop Attenders						
	Whole sale trade in		Retail trade in			Wholesale Trade in		Retail Trade in				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Food grains	Textiles	Metal and Metal Products	Food grains	Textiles	Stationery	Food grains	Textiles	Metal & Metal Products	Food grains	Textiles	Statistical Products
Trivandrum	302	416	381	274	348	328	292	314	252	251	259	264
Quilon	303	373	288	253	353	270	228	310	213	223	273	245
Alleppey	279	593	297	315	464	..	232	340	231	222	292	267
Kottayam	435	474	356	413	436	478	341	314	262	258	292	301
Idukki	354	348	363	265	308	245	240	272	241	283	274	237
Ernakulam	335	429	306	288	421	363	283	305	231	231	338	255
Trichur	333	430	..	330	453	337	266	336	262	251	306	267
Palghat	295	298	228	312	429	..	229	268	202	213	192	281
Malappuram	..	..	..	252	345	..	..	..	232	234	265	208
Kozhikode	326	404	..	319	392	403	273	383	248	239	300	258
Cananore	322	393	378	344	369	317	248	302	285	254	299	258
Kerala State	329	416	325	306	393	343	263	314	242	242	281	258

ANNEXURE 6.1

Average daily wage rates of workers in the Construction sector 1981-82 (Urban)

(In rupees)

District	Type of workers											
	Skilled workers						Unskilled workers					
	Carpenter I Class	Carpenter II Class	Mason I Class	Mason II Class	Painter I Glass	Painter II Glass	Sawyer	Plumber	Electrical	Men	Women	Children
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	22.48	20.13	22.78	20.13	20.95	18.90	19.40	22.28	22.00	16.10	11.20	10.55
Quilon	23.28	21.75	23.43	21.75	21.22	18.35	21.58	20.46	19.47	15.25	12.88	10.91
Alleppey	22.55	20.50	22.68	20.50	19.63	17.50	19.63	19.58	16.63	16.00	13.85	10.25
Kottayam	23.28	20.67	23.28	20.67	20.75	..	..	..	22.75	14.40	12.08	11.00
Idukki	23.33	21.65	23.15	21.40	23.14	20.75	25.00	25.00	25.00	17.01	13.24	12.00
Ernakulam	21.58	19.53	21.50	19.65	21.25	20.00	..	24.00	21.50	15.43	10.38	10.45
Tirichur	22.85	21.25	23.94	21.56	22.00	20.00	..	21.75	21.90	16.25	12.45	**
Palghat	19.38	17.95	19.88	18.21	19.25	19.50	..	..	..	..	12.20	9.15
Malappuram	23.06	18.00	22.84	19.00	22.00	..	..	..	25.00	15.97	11.69	**
Kozhikode	24.75	23.00	24.75	23.00	23.25	21.13	..	..	..	18.56	13.50	10.00
Cannanore	25.00	21.68	24.75	22.00	23.13	20.75	25.00	25.00	25.00	18.25	13.50	9.50
Kerala State	22.87	20.56	23.01	20.72	21.51	19.65	22.12	22.58	22.47	15.94	12.22	10.58

ANNEXURE 6.2

Average daily wage rates of workers in the construction sector, 1981-82 (Rural)
(In rupees)

District	Type of Workers											
	Skilled Worker						Unskilled workers					
	Carpenter I class	Carpenter II class	Mason I class	Mason II class	Painter I class	Painter II class	Sawyer	Plumber	Electrical Wirereman	Men	Women	Children
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	22.28	19.45	22.95	20.58	21.78	17.78	19.11	23.17	22.95	16.42	11.80	11.00
Quilon	23.14	21.45	23.14	21.45	20.03	17.13	21.97	20.00	20.21	14.68	12.64	9.94
Alleppey	22.36	20.25	22.47	20.25	18.17	16.17	18.17	18.17	15.32	12.09	8.84	5.3
Kottayam	22.64	..	22.64	..	23.00	..	..	22.50	21.42	14.17	11.92	10.25
Idukki	23.42	21.15	23.47	21.25	25.00	..	..	25.00	25.50	13.69	11.13	9.38
Ernakulam	21.56	20.00	22.50	20.00	20.75	20.00	..	25.00	..	14.75	10.61	10.42
Trichur	23.38	21.50	23.45	21.89	22.00	21.00	..	20.34	22.00	16.07	12.37	..
Palghat	19.90	16.74	19.96	17.35	10.60	17.00	..	..	..	11.52	7.38	6.50
Malappuram	21.69	17.67	21.62	18.00	20.75	..	..	..	23.09	15.55	10.67	..
Kozhikode	24.39	22.30	24.25	32.30	23.33	21.35	..	..	..	18.22	12.89	10.37
Cannanore	22.92	20.50	22.35	20.31	23.31	21.58	25.00	22.50	25.50	17.00	12.00	8.00
Kerala State	22.52	20.10	22.66	20.34	21.61	19.06	21.06	22.15	22.28	15.22	11.40	9.47

ANNEXURE 6.3

Average monthly wage rates of workers in the trade and commerce sector 1981-82 Urban
(Rupees)

District	Type of workers											
	Shop Assistants				Retail trade in				Shop Attenders			
	Wholesale trade in				Whole sale trade in				Retail trade in			
	Food grains	Textiles	Metal and metal Products	Food grains	Textiles	Stationary	Food grains	Textiles	Metal and metal Products	Food grains	Textiles	Stationary
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	314	448	406	278	370	343	313	336	275	263	284	276
Quilon	339	393	293	298	367	288	258	339	245	251	285	254
Alleppey	295	599	321	333	488	..	244	363	256	232	322	273
Kottayam	465	488	371	433	450	503	377	345	300	298	331	312
Idukki	357	358	373	279	316	271	250	295	267	309	295	257
Ernakulam	365	455	322	298	440	376	320	325	247	255	354	273
Trichur	362	450	..	345	465	352	300	353	301	263	331	278
Palghat	315	315	250	339	450	..	240	301	214	235	215	289
Malappuram	..	..	..	265	350	..	..	..	262	256	279	220
Kozhikode	344	414	280	324	403	422	305	392	266	261	314	283
Cannanore	341	408	400	350	385	352	265	338	300	284	326	284
Kerala State	350	433	335	322	408	363	287	339	267	64	303	273

ANNEXURE 7.1

Average daily wage rates of Carpenter in agricultural sector and construction sector (Rural)

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District	1976-77			1977-78			1978-79			1979-80			1980-81			1981-82		
	Agricul-tural sector		Construc-tion sector	Agricul-tural sector		Construc-tion sector	Agricul-tural sector		Construc-tion sector									
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)					
Trivandrum	11.96	14.06	12.00	14.45	12.58	14.81	15.65	16.37	19.83	18.36	21.85	22.28						
Quilon	14.21	14.89	14.92	15.42	15.13	16.00	17.94	17.36	20.46	19.33	22.50	13.14						
Alleppey	14.00	13.59	14.79	14.97	15.08	15.00	17.67	16.58	20.75	18.48	23.08	22.36						
Kottayam	14.54	14.45	14.75	14.92	14.29	15.08	16.33	16.75	20.60	18.72	23.29	22.64						
Ernakulam	13.53	13.50	14.18	15.00	14.21	15.25	16.29	17.00	20.00	18.50	23.29	21.56						
Trichur	14.00	13.20	15.00	15.16	15.00	15.92	15.00	17.25	18.10	19.33	23.27	23.88						
Palghat	10.75	11.93	12.00	12.06	12.00	12.47	13.04	13.64	18.21	15.77	20.00	19.90						
Malappuram	12.50	14.00	14.46	14.73	15.04	15.41	16.33	16.03	19.29	17.88	21.46	21.69						
Kozhikode	12.31	14.25	12.75	16.19	14.75	16.99	18.00	18.40	20.27	20.47	22.94	24.39						
Cannanore	14.08	14.75	14.63	15.00	15.52	15.00	17.00	16.50	19.71	18.96	22.56	22.92						

ANNEXURE 7.2

Average daily wage rates of Mason in agricultural sector and construction sector (Rural)

District	1976-77			1977-78			1978-79			1979-80			1980-81			1981-82		
	Agricul-tural sector		Construc-tion sector	Agricul-tural sector		Construc-tion sector	Agricul-tural sector		Construc-tion sector	Agricul-tural sector		Construc-tion sector	Agricul-tural sector		Construc-tion sector	Agricul-tural sector		Construc-tion sector
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)					
Trivandrum	12.00	14.10	12.00	14.84	12.67	15.67	15.58	17.25	19.88	19.16	21.92	22.96						
Quilon	14.25	14.91	14.92	16.42	16.13	16.02	17.73	17.36	20.05	19.50	22.58	23.14						
Alleppey	14.00	13.50	14.79	14.95	15.08	15.00	16.67	16.64	20.75	18.59	23.08	22.47						
Kottayam	14.54	14.53	14.75	14.86	14.78	15.17	16.33	16.75	20.56	18.72	23.29	22.64						
Ernakulam	13.60	13.50	14.09	15.00	14.21	15.25	16.29	17.00	20.00	18.50	23.29	22.50						
Trichur	14.88	13.22	15.00	15.25	15.00	16.17	15.00	17.45	19.08	19.45	23.25	23.45						
Palghat	11.50	11.80	12.00	12.36	12.00	12.64	13.04	13.81	18.21	16.11	20.00	19.96						
Malappuram	12.94	13.96	14.46	14.80	15.04	15.44	16.33	15.78	19.29	17.67	22.04	21.62						
Kozhikode	14.19	14.12	13.38	15.82	14.50	16.49	17.38	18.28	20.23	20.25	22.98	24.25						
Cannanore	14.33	14.75	14.63	15.33	15.30	15.33	17.00	16.67	19.71	18.89	22.58	22.86						

ANNEXURE 8.1

Average daily wage rates of paddy field workers (male) in agricultural sector and unskilled workers (male) in construction sector (Rural)

District	1976-77		1977-78		1978-79		1979-80		1980-81		1981-82	
	Agricultural sector	Construction sector	Agricultural sector	Construction sector	Agricultural sector	Construction sector	Agricultural sector	Construction sector	Agricultural sector	Construction sector	Agricultural sector	Construction sector
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Trivandrum	8.28	7.96	8.00	9.19	8.00	9.78	8.90	11.39	11.04	12.19	12.83	16.42
Quilon	9.18	7.73	8.00	9.34	8.46	9.56	10.04	10.42	11.96	11.94	13.85	14.64
Alleppey	8.50	7.90	8.00	9.14	8.05	9.78	8.53	10.75	11.68	12.72	12.92	15.33
Kottayam	9.23	7.38	7.25	9.29	7.25	9.57	7.40	10.47	8.31	12.36	10.92	14.17
Ernakulam	8.78	9.69	9.75	9.73	9.79	9.97	10.25	10.11	10.73	12.50	12.50	14.75
Trichur	8.58	8.50	8.50	9.93	8.88	10.50	10.09	11.00	12.46	12.63	14.40	16.07
Palghat	7.11	6.18	6.35	7.76	6.75	8.14	7.15	8.43	8.08	9.22	9.08	11.52
Malappuram	8.39	8.63	9.75	8.92	10.00	9.28	10.00	9.67	11.54	11.47	13.31	15.56
Kozhikode	9.33	9.06	9.00	10.50	9.71	11.62	10.17	13.45	11.40	15.33	12.98	18.22
Cannanore	10.25	11.38	12.13	10.72	12.96	10.75	13.25	12.00	14.08	13.50	14.50	17.00

ANNEXURE 8.2

Average daily wage rates of paddy field worker (females) in agricultural sector and unskilled worker (female) in construction sector (Rural)

District	1976-77			1977-78			1978-79			1979-80			1980-81			1981-82		
	Agricultural sector		Construction sector	Agricultural sector		Construction sector	Agricultural sector		Construction sector	Agricultural sector		Construction sector	Agricultural sector		Construction sector	Agricultural sector		Construction sector
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)					
Trivandrum	6.92	8.28	6.58	7.89	6.58	8.36	7.71	9.42	9.38	10.89	10.00	11.80						
Quilon	5.83	9.18	6.42	7.66	6.50	7.83	6.96	8.67	9.29	10.25	10.00	12.64						
Alleppey	5.67	8.50	6.30	7.22	6.38	7.59	6.58	8.22	7.67	9.89	8.50	12.69	58					
Kottayam	5.10	9.23	5.25	7.44	5.25	7.77	5.40	8.49	6.93	10.44	8.13	11.92						
Ernakulam	6.31	8.78	6.25	6.97	6.25	7.30	6.50	7.50	7.90	8.50	8.50	10.61						
Trichur	5.38	8.58	5.38	6.19	5.80	6.75	6.96	7.31	8.38	9.16	9.27	12.37						
Palghat	5.09	7.11	5.35	5.17	5.75	5.33	5.77	6.14	6.08	6.71	6.96	7.38						
Malappuram	6.19	8.39	6.65	6.55	6.81	6.95	7.17	7.25	7.99	9.03	8.71	10.57						
Kozhikode	7.00	9.33	6.88	7.50	7.21	7.95	7.83	9.44	9.35	11.33	10.21	12.89						
Cannanore	5.33	10.25	5.52	7.03	6.04	7.08	5.88	8.20	7.14	9.78	8.00	12.00						

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