



Government of Kerala

Report on Non Availability of Labourers in Kerala 2015-16 (Construction Sector)

Survey Design Division

Directorate of Economics & Statistics

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The Department of Economics & Statistics, Government of Kerala is the nodal agency for collection, compilation, analysis of statistical data relating to various sectors of Kerala Economy. The Department is conducting ad-hoc surveys and studies on subjects of importance for planning and development purposes by considering the data needs and relevance. There are both economic and social imbalances among the States in India and this leads to migration in general. Lack of professional and skilled job opportunities in the State had prompted Keralites to look for higher wages and skilled labour outside India. This trend has led to shortage in the availability of workforce in Kerala especially in unskilled and low profile jobs.

2. In this context, the Department of Economics and Statistics decided to conduct a survey on Non availability of Labourers in the Construction Sector in order to get a reliable information about the shortage of native labourers, extent of migrant labourers and the share total man days of migrant labourers in different types of jobs.

4. This report is prepared by Sri.Kiran.S, Research Officer under the guidance of Smt.C.S.Lathakumari, Joint Director, Survey Design Division of the Directorate of Economics & Statistics. The schedule for data collection was prepared by Sri.K.R.Pradeepachandran Nair, Research Officer of the Survey Design Division under the guidance of Survey Coordination Committee chaired by Sri.P.V.Babu, Additional Director. I record my gratitude to all the members of the survey coordination committee and staffs in the Survey Design Division of this office for their sincere efforts.

5. At district level, the survey was supervised by the Deputy Directors and Research Officers of the district offices and at Taluk level, Taluk Statistical Officers and Statistical Inspectors. The data collection was carried out by the Statistical Investigators, working in the Taluk Statistical Offices. I acknowledge the tireless work done by all of them to make the survey a success.

6. Admirable cooperation extended by the owners/contractors of the selected constructions in the State is also duly acknowledged.

7. This report, I hope, will be useful to the planners, policy makers, academicians and researchers. Comments and Suggestions for improvement of its content will be highly appreciated.



01.11.2016

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Chapter 1

Introduction

1.1. Survey on Non availability of labourers in the construction sector

1.1.1 Department of Economics and Statistics is the Nodal Agency for the collection, compilation, analysis and dissemination of statistical data in the State. The department is conducting regular surveys and ad-hoc surveys on subjects of importance for planning and development processes.

1.1.2 Kerala is the largest exporter of both skilled and unskilled manpower to foreign countries, especially to the Gulf Countries. The migration of Keralites to other countries for employment, as per the reports published by various agencies, including Economics and Statistics Department, reveals that economic and social transition in the State due to foreign remittance resulted boom in real estate sector. At the same time, many sectors, especially construction sector, are facing the problem of shortage of skilled and unskilled labourers. This phenomenon attracted migrant labourers to the State. Due to the shortage and high wage rates prevail in domestic labour market, the contractors in the construction field depend labourers from other States.

1.1.3 Presently a large number of workers from outside state are engaged in construction related works in the State. This survey aimed to study the problems facing in the construction sector in connection with the demand and supply gap of skilled and unskilled labourers, reasons led to over dependent of migrant labourers and its impact on the State economy.

1.2 Objectives of the survey

1.2.1 The main objectives of the Survey were to:

- 1) Collect the details of shortage of labourers in the construction sector.
- 2) To study the impact of immigration of labourers and its effect on the State economy

1.3 Methodology

1.3.1 The survey was conducted using sampling method. The data collected through direct enquiry method by Statistical Investigators working in the Taluk Statistical Offices under the Department of Economics and Statistics.

1.3.2 **Outline of sample design:** A stratified multi-stage design was adopted for the survey. The first stage units (FSUs) were the Panchayaths. The ultimate stage units were those constructions which were completed in the year 2014-15.

1.3.3 **Sampling frame for first stage units:** The sampling frame consisted of the list of Panchayaths in each district.

1.3.4 **Selection of first-stage units:** From each District, 20% local bodies were selected (separate selection for Grama Panchayath, Municipality and Corporation) randomly using simple random sampling without replacement.

Statement 1.1: Selection of FSU's

Sl No.	District	Panchayaths		Municipalities		Corporations Selected
		Total	Selected	Total	Selected	
1	Kasaragod	38	6	3	1	
2	Kannur	82	15	6	1	
3	Wayanad	25	5	1	1	
4	Kozhikode	75	14	2	1	1
5	Malappuram	100	19	7	1	
6	Palakkad	91	17	4	1	
7	Thrissur	88	17	6	1	1
8	Ernakulam	84	17	11	2	1
9	Idukki	53	9	1	1	
10	Kottayam	73	14	4	1	
11	Alappuzha	73	15	5	1	
12	Pathanamthitta	54	9	3	1	
13	Kollam	70	14	3	1	1
14	Thiruvananthapuram	73	15	4	1	1
	Total	979	186	60	15	5

1.3.5: **Selection of Ultimate Stage Units (USUs) within an FSU:** Listing of constructions that were completed during 2014-15 and are included in the Tax Assessment Register or Building Application Register that are maintained in the respective local bodies were done in schedule-I. All constructions completed in the year 2014-15 listed in an FSU constitute the sampling frame of constructions and all these were stratified into 4 Second Stage Strata (SSS) as per statement 1.2 given below:

Statement 1.2: Stratification Criteria

Second Stage Stratum (SSS)	Area of the building in SqMtr.
1	50 - 100
2	101 - 250
3	251 - 1000
4	Above 1000

1.3.6 **Selection of constructions:** 5% of the constructions were selected from each of the first 3 SSS and a maximum of 6 constructions from the last stratum (major constructions, i.e. area of the construction above 1000 M²) were surveyed in detail. Buildings owned by Government/Quasi-government organizations were not included in the survey.

Statement 1.3: Allocation of sample constructions (District wise).

Sl No.	District	Area of construction (in Sqr Mtr.)				Total
		50 to 100	101 to 250	251 to 1000	Above 1000	
1	Kasaragod	32	39	11	5	87
2	Kannur	68	119	24	7	218
3	Wayanad	31	26	8	5	70
4	Kozhikode	121	196	36	25	378
5	Malappuram	154	171	23	12	360
6	Palakkad	127	97	18	6	248
7	Thrissur	139	195	39	25	398
8	Ernakulam	155	203	63	32	453
9	Idukki	37	37	15	15	104
10	Kottayam	41	53	17	4	115
11	Alappuzha	66	55	16	3	140
12	Pathanamthitta	29	49	12	6	96
13	Kollam	151	159	23	10	343
14	Thiruvananthapuram	232	245	43	11	531
	Total	1,383	1,644	348	166	3,541

Statement 1.3: Allocation of sample constructions (Local body wise).

Sl No.	Type of Local body	Area of construction (in Sqr Mtr.)				
		50 to 100	101 to 250	251 to 1000	Above 1000	Total
1	Panchayath	913	968	205	83	2,169
2	Municipality	96	162	43	53	354
3	Corporation	374	514	100	30	1,018
	Total	1,383	1,644	348	166	3,541

1.3.8 The field work of the survey was conducted during the months of December 2015 to February 2016. Data entry was done through the department's online web portal using the online data entry software developed by the Computer Division of the department. Data entry work was done in parallel and completed by 2nd week of March 2016.

1.3.3 Statistical Inspectors and Taluk Statistical Officers working in the Taluk Statistical Offices of the department supervised the primary work under the directions and supervision of Deputy Director and Research Officer of the respective district office. The responsibility of conducting the survey in the district was vested upon the Deputy Directors in the respective districts.

1.4 Contents of this Report

1.4.1 This report brings out the results of "Survey on Non Availability of Labourers in the Construction Sector 2015-16". Information on Non Availability of Labourers collected through detailed survey schedule which is broadly classified into 4 groups. Firstly, information on the various characteristics of the building like, its structure, area of construction, year of starting of the work, type and major use of construction., which were collected from all the selected constructions.

1.4.2 Secondly, information on availability of labourers in the different types of works was collected. Participation of migrant labourers, reasons for

engaging migrant labourers and major reasons for delay in completion of the construction, if any, were covered in this section.

1.4.3 Man-days used for the completion of different works were collected separately for skilled and unskilled works. An effort was also made to grab the average wage per worker per day for the different categories of works.

1.4.4 Finally, information on general views on labour scarcity in the construction sector was collected from the owners/contractors of the selected constructions.

1.4.5 Including this introductory chapter, this report has 3 chapters and one appendix (Detailed Tables). Following the present introductory chapter (Chapter One), main findings of the survey are presented in chapter 2. Summary of findings are included in 3rd chapter and detailed tables are included as Appendix.

1.4.6 Since the tables, statements and charts in this report are presented as “percentage distribution” or “proportion per 100”, the figures are rounded-off. Thus, while using the ratios from the survey results, it is to be noted that the accuracy of these derived aggregates will be limited to the number of significant digits available in the ratios. It may also be kept in mind that the sample sizes for some characteristics may not be adequate enough for getting sufficiently reliable estimates and interpretation thereof should be made with caution.

1.4.7 In following chapters the term “construction” will mean all those constructions completed in the year 2014-15 and are included in the Assessment Register maintained in the respective local bodies.

1.4 Limitations

1.4.1 In the case of some sample units, especially flats, villas and other large constructions, where owners/contractors who were not available during the survey period, data could not be collected accurately from such units. In some other constructions, sub-contracting or outsourcing of certain work was reported and in that case also reliability of data could not be ascertained.

Summary of Results

2.1 An Overview

2.1.1 A total of 3,541 sample units were visited for detailed survey. The estimated no of constructions that were completed during 2014-15 in the state were 3.33 lakhs, out of which 15% were in Thiruvananthapuram followed by Ernakulam with 12%. About 50% of the buildings were in the range of plinth area 101 to 250 SqrMtrs and 42% in the range 50 to 100 SqrMtrs. 61% of them were in the Panchayath areas and 30% within the Corporation limits.

Statement 2.1: Stratum wise estimated no of constructions.

Sl No.	Area of Construction (in Sqr Mtr.)	Type of Local body			
		Panchayath	Municipality	Corporation	Total
1	50 to 100	91,780	9,814	37,400	1,38,994
		66.0%	7.1%	26.9%	100%
2	101 to 250	98,544	17,199	51,400	1,67,143
		59.0%	10.3%	30.8%	100%
3	251 to 1000	10,491	3,959	10,000	24,450
		42.9%	16.2%	40.9%	100%
4	Above 1000	507	444	1,200	2,151
		23.6%	20.6%	55.8%	100%
	Total	2,01,322	31,416	1,00,000	3,32,738
		60.5%	9.4%	30.1%	100%

2.1.2 At the State level, around 89.7% of the constructions which completed during 2014-15 are of residential type, 8.6% non-residential and 1.7% both. In the case of Idukki district, 74% of the constructions during the reference period were of residential and 23.1% non-residential (as per tables 4 & 5).

2.2 Details of availability of labourers.

2.2.1 Over the years, migrant labourers have become an integral part, particularly in infrastructure sector, of Kerala. The largest concentration of migrant workers is in the construction sector, which has been witnessing a boom over the past couple of years.

2.2.2 In this section, details regarding engaging of migrant labourers in different type of works (viz. Well Construction, Floor leveling & Basement, Piling Job, Masonry Work, Concrete Work, Carpentry Work, Flooring Work, Electrical Work, Plumbing Work, Painting Work, Interior Decoration, Gardening & Landscaping, Tiling and Paving and many other related Works), reasons for employing migrant labourers, delay in completion of work and reasons for such delay were collected.

2.2.3 It is seen from the survey that, the percentage of migrant labourers engaged in the works viz. masonry, concrete and floor leveling & basement works were more, irrespective of the area of construction. In constructions with area above 1000 square meters, 84.9% of them employed migrant labourers for concrete work where as in constructions with area between 50 to 100 square meters, 38.9% constructions employed migrant labourers for concrete work. Percentage of constructions employed migrant labourers for different types of works are presented in the statement 2.2 below.

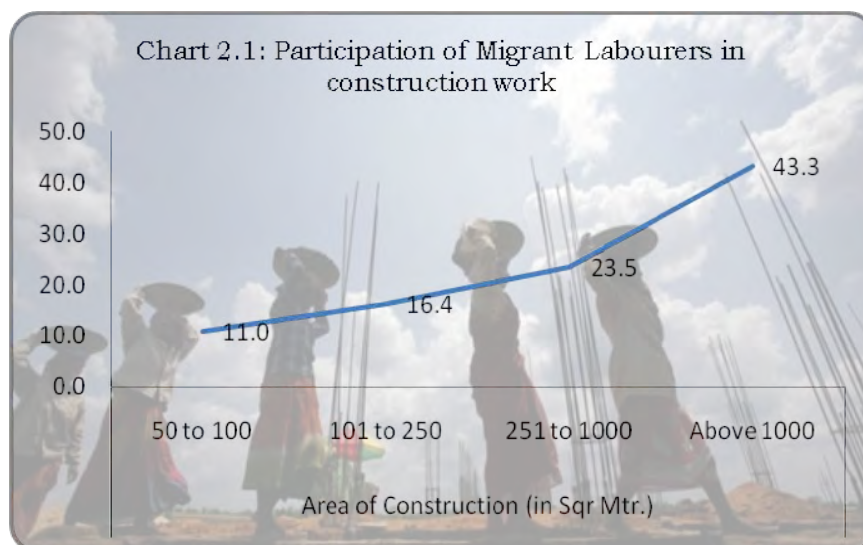
Statement 2.2: Percentage of constructions employed migrant labourers

Sl No	Type of work	Area of Construction (in Sqr Mtr.)			
		50 to 100	101 to 250	251 to 1000	Above 1000
1	Well Construction	3.1	5.0	7.2	14.5
2	Floor leveling & Basement	13.5	21.4	37.1	65.7
3	Piling Job	0.6	2.0	8.6	29.5
4	Masonry Work	21.4	35.4	51.1	78.9
5	Concrete Work	38.9	58.4	69.3	84.9
6	Carpentry Work	0.9	1.4	2.6	6.6
7	Flooring Work	7.1	17.0	31.6	53.0
8	Electrical Work	0.6	1.2	2.0	11.4
9	Plumbing Work	0.6	1.5	1.7	13.9
10	Painting Work	1.4	2.6	7.2	21.1
11	Interior Decoration	0.1	0.7	2.0	10.8
12	Gardening & Landscaping	0.3	0.7	3.2	9.0
13	Tiling and Paving	1.2	4.3	10.9	27.1
14	Other Works	4.8	7.5	13.2	31.3

(Refer Tables 8A to 8N)

2.2.4 Participation of migrant labourers in the construction sector was found more in Pathanamthitta (35%) followed by Ernakulam(27.7%) and Idukki(23.7%)

compared to other districts without considering area of the construction. As area of the construction increased, percentage participation of migrant labourers was also found increased.



Statement 2.3: Percentage of constructions engaged Migrant Labourers

Sl No.	District	Percentage of constructions engaged Migrant Labourers in at least one type of work	
		Engaged	Not Engaged
1	Kasaragod	16.1	83.9
2	Kannur	14.2	85.8
3	Wayanad	14.3	85.7
4	Kozhikode	14.6	85.4
5	Malappuram	20.6	79.4
6	Palakkad	8.1	91.9
7	Thrissur	14.3	85.7
8	Ernakulam	26.7	73.3
9	Idukki	23.1	76.9
10	Kottayam	10.4	89.6
11	Alappuzha	10.0	90.0
12	Pathanamthitta	32.3	67.7
13	Kollam	5.2	94.8
14	Thiruvananthapuram	10.5	89.5
	All	15.2	84.8

(Refer Tables 8A to 8N)

2.2.5 Analysing the opinions of owners and contractors, regarding the reason for depending migrant labourers, shortage of sufficient local labourers was the major reason for employing migrant labourers in all the districts except Wayanad, Ernakulam and Idukki. Readiness of overtime working of the migrant labourers was the major reason for employing them in Wayanad and Ernakulam districts while low wage for them was the major reason for the same in Idukki district.

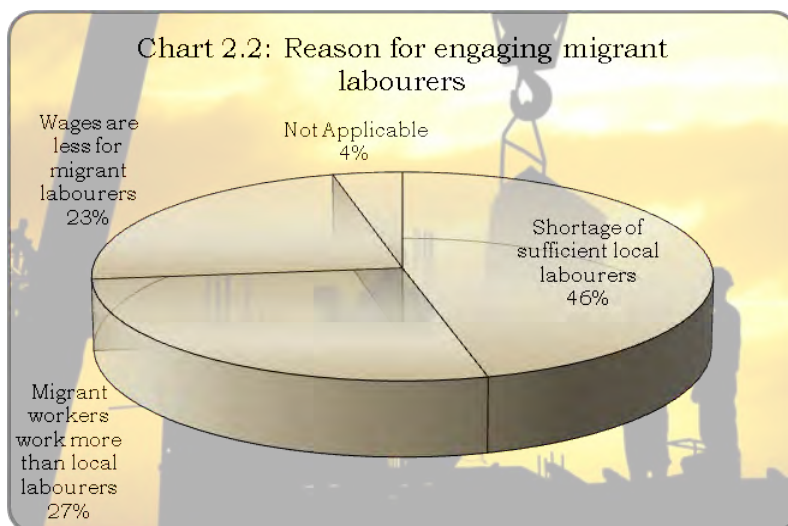
2.2.6 In the case of Concrete work, it is seen that out of 1,880 sample constructions (in which migrant workers engaged) surveyed, for 46.4% of the constructions, shortage of sufficient local labourers was the reason for their induction in the work.

Statement 2.4: Reasons for employing migrant labourers (figures in percentage)

Type of Local body	Area of construction (in Sqr Mtr.)	Reasons for employing migrant labourers				
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	All
Panchayath	50 to 100	43	27	27	3	100
	101 to 250	51	21	26	2	100
	251 to 1000	49	24	25	2	100
	Above 1000	49	29	20	2	100
Municipality	50 to 100	52	31	14	3	100
	101 to 250	43	28	27	2	100
	251 to 1000	51	30	18	1	100
	Above 1000	41	34	24	1	100
Corporation	50 to 100	42	30	17	10	100
	101 to 250	45	29	18	8	100
	251 to 1000	28	43	23	6	100
	Above 1000	59	27	10	4	100

(Refer Tables 9A to 9N)

2.2.7 Possible reasons for employing migrant labourers may be one among shortage of sufficient local labourers, migrant workers work more than local labourers and wages are less for migrant labourers. Due to the non-availability of local labourers, migrant labourers were employed in 45.9% of the constructions at State level. 27.4% of the informants reported that they (migrant workers) work more than local labourers and 22.8% reported that their wages are less compared to local labourers.



Statement 2.5: Percentage distribution of reason for employing migrant labourers

Sl No	Type of work	Reason for employing migrant labourers (in %)					No of Constructions	
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	Total	Sample	Estimated
1	Well Construction	66.3	18.9	10.3	4.6	100.0	175	15,239
2	Floor leveling & Basement	43.2	34.7	20.9	1.3	100.0	776	65,135
3	Piling Job	55.8	25.0	13.3	5.8	100.0	120	7,419
4	Masonry Work	44.9	26.3	25.1	3.7	100.0	1,187	1,03,999
5	Concrete Work	46.4	25.6	22.4	5.6	100.0	1,880	1,74,958
6	Carpentry Work	45.5	21.8	30.9	1.8	100.0	55	4,070
7	Flooring Work	45.2	31.1	22.8	0.9	100.0	575	48,673
8	Electrical Work	42.6	33.3	24.1	0.0	100.0	54	3,817
9	Plumbing Work	41.9	30.6	24.2	3.2	100.0	62	4,209
10	Painting Work	35.8	22.0	41.5	0.8	100.0	123	8,743
11	Interior Decoration	44.7	15.8	34.2	5.3	100.0	38	2,116
12	Gardening & Landscaping	39.0	39.0	14.6	7.3	100.0	41	2,678
13	Tiling and Paving	47.9	21.3	26.6	4.1	100.0	169	12,563
14	Other Works	43.9	28.4	20.1	7.6	100.0	289	23,405

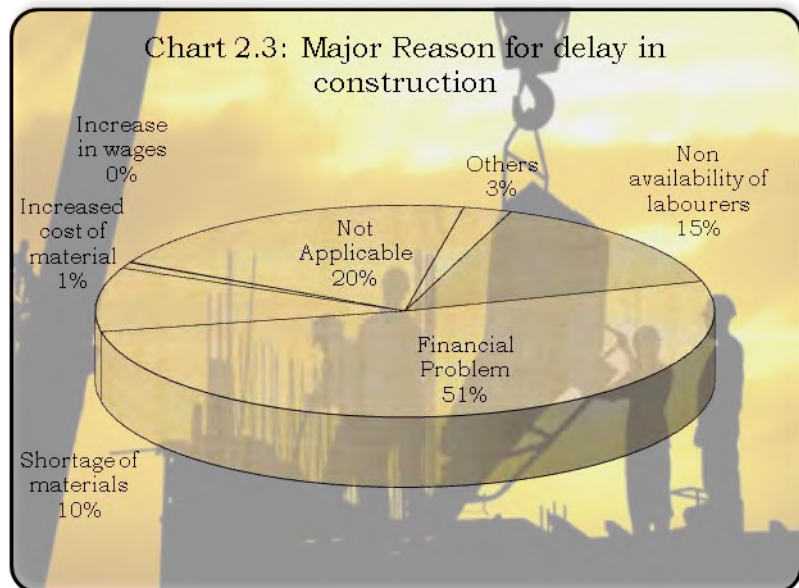
(Refer Tables 9A to 9N)

Statement 2.6: Percentage distribution of major reason for delay in construction

Sl No	Type of work	Major reason for delay in completion of work								No of Constructions	
		Non availability of labourers	Financial Problem	Shortage of building materials	Increased cost of building material	Increase in wages	Not Applicable	Others	Total	Sample	Estimated
1	Well Construction	18.1	33.5	8.0	0.0	0.0	36.7	3.7	100.0	188	17,826
2	Floor leveling & Basement	13.2	46.3	10.5	0.5	0.0	25.4	4.2	100.0	646	60,707
3	Piling Job	17.6	41.2	0.0	0.0	0.0	41.2	0.0	100.0	17	1,172
4	Masonry Work	18.3	56.7	12.5	0.7	0.0	10.0	1.7	100.0	1,611	1,52,007
5	Concrete Work	16.5	49.1	17.5	1.0	0.0	14.4	1.5	100.0	1,038	97,846
6	Carpentry Work	15.5	53.8	6.8	0.8	0.3	21.5	1.4	100.0	785	74,284
7	Flooring Work	10.1	54.8	8.7	1.2	0.0	22.1	3.1	100.0	670	62,202
8	Electrical Work	12.8	52.0	4.9	0.6	0.2	26.0	3.5	100.0	492	45,998
9	Plumbing Work	11.8	49.5	4.1	0.7	0.0	29.3	4.6	100.0	416	38,222
10	Painting Work	14.9	53.2	4.2	1.8	0.0	23.6	2.2	100.0	543	49,884
11	Interior Decoration	17.1	40.0	8.6	2.1	0.0	30.7	1.4	100.0	140	12,653
12	Gardening & Landscaping	7.7	15.4	30.8	0.0	0.0	46.2	0.0	100.0	13	716
13	Tiling and Paving	7.0	29.8	19.3	3.5	1.8	36.8	1.8	100.0	57	4,769
14	Other Works	10.0	49.2	2.4	1.2	0.0	33.2	4.0	100.0	250	23,411

(Refer Tables 10A to 10N)

2.2.8 A construction work initiated may not be completed in time due to various reasons. An effort was made to collect the major reason for the delay in completion of the construction work. The survey results show that the 'major' reason for the delay in completion of construction work was financial problems followed by non-availability of labourers. Reason for delay occurred in negligible period is included as 'Not applicable'. For item wise summary refer statement 2.4 above and item wise and District wise details refer tables 10A to 10N.



2.3 Details of man days worked

2.3.1 The amount of work that one person can complete in one day is termed as a man day. Two persons work for one day considered as two man days and five persons work for two days considered as ten man days.

2.3.2 A skilled worker is any worker who has special skill, training, knowledge, and (usually acquired) ability in their work. A skilled worker may have attended a technical school or may have learned their skills on the job.

2.3.3 An unskilled worker is any worker who does not require special ability or skills in their work and suppose to act as a helper of the skilled worker and his work may thus require more physical exertion.

2.3.4 Percentage distribution of the man days worked by local as well as migrant labourers (both skilled and unskilled workers) is presented in the

statement 2.5 below. It is seen that most of the migrant labourers were engaged in unskilled works, that too in works which need more exertion like piling, concreting, gardening and landscaping etc.

2.3.5 Migrant labourers' presence were seen less in skilled works. In the case of electrical, plumbing and carpentry works their participation was found negligible.

Statement 2.5: Percentage distribution of the man days worked by local and migrant labourers

Sl No	Category of work	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Well Construction	95.70	4.30	100	90.47	9.53	100
2	Floor Leveling & Basement	88.80	11.20	100	71.86	28.14	100
3	Piling Job	56.48	43.52	100	40.39	59.61	100
4	Masonry Work	83.86	16.14	100	69.48	30.52	100
5	Concrete Work	80.15	19.85	100	59.31	40.69	100
6	Carpentry Work	95.58	4.42	100	87.02	12.98	100
7	Flooring Work	79.52	20.48	100	64.10	35.90	100
8	Electrical Work	97.78	2.22	100	92.45	7.55	100
9	Plumbing Work	97.68	2.32	100	88.13	11.87	100
10	Painting Work	91.78	8.22	100	75.56	24.44	100
11	Interior Decoration	90.99	9.01	100	80.38	19.62	100
12	Gardening & Landscaping	69.03	30.97	100	41.53	58.47	100
13	Tiling and Paving	77.93	22.07	100	64.84	35.16	100
14	Other Works	82.24	17.76	100	--	--	--

(Refer Tables 11 to 24)

Chapter 3

Highlights

- ✚ The estimated no of constructions that were completed during 2014-15 in the state were 3.33 lakhs, out of which a maximum of 15% were in Thiruvananthapuram followed by Ernakulam with 12%.
- ✚ Around 89.7% of the constructions completed in 2014-15 are for residential purposes and 8.6% non-residential.
- ✚ Among the various categories of works in construction sector, majority of migrant labourers engaged in Concrete work followed by masonry works.
- ✚ Participation of migrant labourers in the construction sector was found more in Pathanamthitta (35%) followed by Ernakulam (27.7%) and Idukki (23.7%) compared to other districts.
- ✚ Shortage of sufficient local labourers was the major reason for employing migrant labourers in the State. Around 45.9% of the constructions employed migrant labourers due to the non-availability of local labourers.
- ✚ 'Major' reason for the delay in completion of construction work was financial problems followed by non-availability of labourers.
- ✚ Most of the migrant labourers were engaged in unskilled works, that too in works which need more exertion like piling, concreting, gardening and landscaping etc.



DETAILED TABLES

Table 1: District wise estimated no of Constructions - local body wise

Sl No.	District	Type of Local body			
		Panchayath	Municipality	Corporation	Total
1	Kasaragod	7,002	1,686	-	8,688
2	Kannur	19,050	3,882	-	22,932
3	Wayanad	4,290	1,310	-	5,600
4	Kozhikode	16,555	1,865	15,520	33,940
5	Malappuram	36,054	2,856	-	38,910
6	Palakkad	24,534	1,446	-	25,980
7	Thrissur	19,415	3,340	12,630	35,385
8	Ernakulam	13,155	4,885	22,090	40,130
9	Idukki	5,568	3,318	-	8,886
10	Kottayam	9,990	780	-	10,770
11	Alappuzha	10,340	750	-	11,090
12	Pathanamthitta	6,894	2,118	-	9,012
13	Kollam	15,575	1,195	14,490	31,260
14	Thiruvananthapuram	12,900	1,985	35,270	50,155
	Total	2,01,322	31,416	1,00,000	3,32,738

Table 2: District wise estimated no of Constructions - Stratum wise.

Sl No.	District	Area of construction (in Sqr Mtr.)				
		50 to 100	101 to 250	251 to 1000	Above 1000	Total
1	Kasaragod	3,528	4,302	828	30	8,688
2	Kannur	7,284	13,674	1,932	42	22,932
3	Wayanad	2,755	2,430	390	25	5,600
4	Kozhikode	11,685	19,105	2,935	215	33,940
5	Malappuram	17,658	19,608	1,572	72	38,910
6	Palakkad	14,238	10,806	900	36	25,980
7	Thrissur	13,205	18,830	2,865	485	35,385
8	Ernakulam	14,755	19,565	5,170	640	40,130
9	Idukki	3,756	3,936	1,068	126	8,886
10	Kottayam	4,080	5,742	924	24	10,770
11	Alappuzha	5,760	4,895	420	15	11,090
12	Pathanamthitta	2,910	5,250	816	36	9,012
13	Kollam	14,600	15,195	1,355	110	31,260
14	Thiruvananthapuram	22,780	23,805	3,275	295	50,155
	Total	1,38,994	1,67,143	24,450	2,151	3,32,738

Table 3: Local body wise estimated no of Constructions - Stratum wise.

Sl No.	Type of Local body	Area of construction (in Sqr Mtr.)				
		50 to 100	101 to 250	251 to 1000	Above 1000	Total
1	Panchayath	91,780	98,544	10,491	507	2,01,322
2	Municipality	9,814	17,199	3,959	444	31,416
3	Corporation	37,400	51,400	10,000	1,200	1,00,000
	Total	1,38,994	1,67,143	24,450	2,151	3,32,738

Table 4: Percentage distribution of Constructions by major use of building - District wise.

Sl No.	District	Major use of construction:			
		Residential	Non residential	Both	Total
1	Kasaragod	90.8	5.7	3.4	100.0
2	Kannur	94.0	5.0	0.9	100.0
3	Wayanad	78.6	20.0	1.4	100.0
4	Kozhikode	85.7	12.7	1.6	100.0
5	Malappuram	90.0	9.2	0.8	100.0
6	Palakkad	90.7	7.7	1.6	100.0
7	Thrissur	90.7	9.3	-	100.0
8	Ernakulam	85.0	11.7	3.3	100.0
9	Idukki	74.0	23.1	2.9	100.0
10	Kottayam	92.2	7.0	0.9	100.0
11	Alappuzha	95.0	5.0	-	100.0
12	Pathanamthitta	91.7	4.2	4.2	100.0
13	Kollam	94.5	5.2	0.3	100.0
14	Thiruvananthapuram	92.1	4.5	3.4	100.0
	Total	89.7	8.6	1.7	100.0

Table 5: Percentage distribution of Constructions by major use of building - Stratum wise.

Sl No.	Area of construction	Major use of construction:			
		Residential	Non residential	Both	Total
1	50 to 100 Sqr Mtr.¹	95.4	3.9	0.7	100.0
2	101 to 250 Sqr Mtr.	94.9	4.0	1.2	100.0
3	251 to 1000 Sqr Mtr.	76.4	19.3	4.3	100.0
4	Above 1000 Sqr Mtr.	18.1	71.7	10.2	100.0
	Total	89.7	8.6	1.7	100.0

Table 6: Percentage distribution of Constructions by Land area.

Sl No.	District	Area of Land (in cent)				
		Below 10	10 - 50	50 - 100	Above 100	Total
1	Kasaragod	70.1	28.7	1.1	-	100.0
2	Kannur	37.2	55.0	5.0	2.8	100.0
3	Wayanad	70.0	22.9	5.7	1.4	100.0
4	Kozhikode	73.3	24.1	1.9	0.8	100.0
5	Malappuram	81.7	14.4	3.3	0.6	100.0
6	Palakkad	83.1	14.9	0.8	1.2	100.0
7	Thrissur	69.3	26.4	1.5	2.8	100.0
8	Ernakulam	75.9	18.3	2.2	3.5	100.0
9	Idukki	44.2	34.6	6.7	14.4	100.0
10	Kottayam	56.5	33.9	7.8	1.7	100.0
11	Alappuzha	45.7	45.7	5.0	3.6	100.0
12	Pathanamthitta	46.9	46.9	5.2	1.0	100.0
13	Kollam	80.8	17.8	1.2	0.3	100.0
14	Thiruvananthapuram	68.5	30.1	0.8	0.6	100.0
	Total	69.2	26.4	2.5	1.9	100.0

Table 7:Percentage distribution of Constructions by year of starting of work.

Sl No.	District	Year of starting of construction					
		Before 2003	2003 - 2005	2006 - 2009	2010 - 2013	After 2013	Total
1	Kasaragod	-	1.1	-	39.1	59.8	100.0
2	Kannur	-	0.5	6.4	52.3	40.8	100.0
3	Wayanad	4.3	1.4	2.9	30.0	61.4	100.0
4	Kozhikode	0.8	0.5	5.0	56.6	37.0	100.0
5	Malappuram	0.8	0.6	0.8	48.6	49.2	100.0
6	Palakkad	-	0.8	0.8	41.5	56.9	100.0
7	Thrissur	0.3	0.3	0.8	31.7	67.1	100.0
8	Ernakulam	-	-	0.2	17.0	82.8	100.0
9	Idukki	-	-	1.0	22.1	76.9	100.0
10	Kottayam	-	-	0.9	31.3	67.8	100.0
11	Alappuzha	1.4	-	7.1	34.3	57.1	100.0
12	Pathanamthitta	-	-	1.0	47.9	51.0	100.0
13	Kollam	0.3	0.6	0.9	33.5	64.7	100.0
14	Thiruvananthapuram	-	-	0.6	25.6	73.8	100.0
	Total	0.4	0.3	1.8	35.8	61.7	100.0

Table 8-A: Participation of migrant labourers in construction sector (figures in %).

Job Category: Well Construction

Sl No	District	Percentage participation of migrant labourers
1	Kasaragod	27.6
2	Kannur	3.2
3	Wayanad	2.9
4	Kozhikode	2.6
5	Malappuram	3.1
6	Palakkad	13.7
7	Thrissur	6.0
8	Ernakulam	6.8
9	Idukki	1.9
10	Kottayam	--
11	Alappuzha	1.4
12	Pathanamthitta	14.6
13	Kollam	1.7
14	Thiruvananthapuram	1.5
	All	4.9

Table 8-B: Participation of migrant labourers in construction sector (figures in %).

Job Category: Floor Leveling & Basement

Sl No	District	Area of Construction (in Sqr Mtr.)			
		50 to 100	101 to 250	251 to 1000	Above 1000
1	Kasaragod	-	-	9.1	60.0
2	Kannur	2.9	2.5	12.5	71.4
3	Wayanad	22.6	26.9	50.0	80.0
4	Kozhikode	9.9	21.4	27.8	52.0
5	Malappuram	20.1	18.1	34.8	75.0
6	Palakkad	15.0	12.4	27.8	66.7
7	Thrissur	11.5	30.3	38.5	64.0
8	Ernakulam	33.5	43.3	58.7	75.0
9	Idukki	16.2	29.7	66.7	60.0
10	Kottayam	4.9	9.4	17.6	50.0
11	Alappuzha	13.6	21.8	50.0	100.0
12	Pathanamthitta	20.7	46.9	58.3	100.0
13	Kollam	1.3	5.7	4.3	70.0
14	Thiruvananthapuram	9.9	20.0	39.5	36.4
	All	13.5	21.4	37.1	65.7

Table 8-C: Participation of migrant labourers in construction sector (figures in %).

Job Category: Piling Job

Sl No	District	Area of Construction (in Sqr Mtr.)			
		50 to 100	101 to 250	251 to 1000	Above 1000
1	Kasaragod	-	-	-	40.0
2	Kannur	-	-	-	14.3
3	Wayanad	-	3.8	-	40.0
4	Kozhikode	-	1.0	11.1	44.0
5	Malappuram	-	1.2	4.3	25.0
6	Palakkad	-	-	-	-
7	Thrissur	-	1.5	7.7	24.0
8	Ernakulam	1.3	0.5	3.2	21.9
9	Idukki	-	-	-	6.7
10	Kottayam	-	-	17.6	-
11	Alappuzha	-	-	12.5	66.7
12	Pathanamthitta	13.8	22.4	25.0	66.7
13	Kollam	1.3	3.1	4.3	70.0
14	Thiruvananthapuram	-	3.3	25.6	27.3
	All	0.6	2.0	8.6	29.5

Table 8-D Participation of migrant labourers in construction sector (figures in %).

Job Category: Masonry Work

Sl No	District	Area of Construction (in Sqr Mtr.)			
		50 to 100	101 to 250	251 to 1000	Above 1000
1	Kasaragod	21.9	15.4	36.4	80.0
2	Kannur	8.8	14.3	25.0	85.7
3	Wayanad	9.7	15.4	12.5	40.0
4	Kozhikode	14.9	18.9	27.8	60.0
5	Malappuram	25.3	36.3	47.8	100.0
6	Palakkad	7.1	13.4	16.7	50.0
7	Thrissur	20.1	40.5	51.3	84.0
8	Ernakulam	44.5	56.2	76.2	93.8
9	Idukki	21.6	64.9	80.0	80.0
10	Kottayam	29.3	56.6	58.8	50.0
11	Alappuzha	19.7	29.1	62.5	100.0
12	Pathanamthitta	62.1	77.6	66.7	100.0
13	Kollam	6.6	15.1	21.7	90.0
14	Thiruvananthapuram	24.1	48.2	69.8	54.5
	All	21.4	35.4	51.1	78.9

Table 8-E: Participation of migrant labourers in construction sector (figures in %).

Job Category: Concrete Work

Sl No	District	Area of Construction (in Sqr Mtr.)			
		50 to 100	101 to 250	251 to 1000	Above 1000
1	Kasaragod	25.0	51.3	72.7	80.0
2	Kannur	33.8	60.5	66.7	100.0
3	Wayanad	41.9	61.5	62.5	80.0
4	Kozhikode	43.0	63.3	61.1	68.0
5	Malappuram	77.9	89.5	91.3	100.0
6	Palakkad	34.6	53.6	55.6	50.0
7	Thrissur	14.4	37.9	56.4	88.0
8	Ernakulam	72.9	83.7	93.7	100.0
9	Idukki	21.6	70.3	80.0	86.7
10	Kottayam	34.1	58.5	64.7	75.0
11	Alappuzha	27.3	29.1	50.0	100.0
12	Pathanamthitta	69.0	77.6	83.3	100.0
13	Kollam	7.9	18.2	21.7	70.0
14	Thiruvananthapuram	31.5	56.7	74.4	72.7
	All	38.9	58.4	69.3	84.9

Table 8-F: Participation of migrant labourers in construction sector (figures in %).

Job Category: Carpentry Work

Sl No	District	Area of Construction (in Sqr Mtr.)			
		50 to 100	101 to 250	251 to 1000	Above 1000
1	Kasaragod	-	2.6	-	-
2	Kannur	-	0.8	4.2	-
3	Wayanad	-	-	-	-
4	Kozhikode	-	1.0	5.6	-
5	Malappuram	-	-	-	8.3
6	Palakkad	-	-	5.6	-
7	Thrissur	1.4	1.5	2.6	8.0
8	Ernakulam	4.5	3.9	3.2	9.4
9	Idukki	-	-	-	-
10	Kottayam	-	-	-	25.0
11	Alappuzha	1.5	1.8	6.3	-
12	Pathanamthitta	3.4	4.1	-	16.7
13	Kollam	-	1.3	4.3	10.0
14	Thiruvananthapuram	0.4	1.2	-	18.2
	All	0.9	1.4	2.6	6.6

Table 8-G: Participation of migrant labourers in construction sector (figures in %).

Job Category: Flooring Work					
Sl No	District	Area of Construction (in Sqr Mtr.)			
		50 to 100	101 to 250	251 to 1000	Above 1000
1	Kasaragod	12.5	53.8	54.5	80.0
2	Kannur	4.4	10.9	45.8	42.9
3	Wayanad	6.5	15.4	25.0	40.0
4	Kozhikode	3.3	17.3	30.6	36.0
5	Malappuram	8.4	23.4	39.1	75.0
6	Palakkad	2.4	19.6	27.8	50.0
7	Thrissur	8.6	15.9	23.1	48.0
8	Ernakulam	9.7	20.7	44.4	75.0
9	Idukki	8.1	13.5	40.0	46.7
10	Kottayam	2.4	9.4	17.6	25.0
11	Alappuzha	9.1	14.5	50.0	66.7
12	Pathanamthitta	27.6	24.5	33.3	83.3
13	Kollam	2.0	5.7	4.3	30.0
14	Thiruvananthapuram	9.1	14.7	16.3	36.4
	All	7.1	17.0	31.6	53.0

Table 8-H: Participation of migrant labourers in construction sector (figures in %).

Job Category: Electrical Work					
Sl No	District	Area of Construction (in Sqr Mtr.)			
		50 to 100	101 to 250	251 to 1000	Above 1000
1	Kasaragod	-	-	-	-
2	Kannur	-	0.8	-	14.3
3	Wayanad	-	-	-	20.0
4	Kozhikode	-	-	2.8	-
5	Malappuram	0.6	1.8	4.3	25.0
6	Palakkad	-	-	-	33.3
7	Thrissur	1.4	2.6	2.6	8.0
8	Ernakulam	0.6	2.0	4.8	12.5
9	Idukki	-	2.7	-	-
10	Kottayam	-	-	-	-
11	Alappuzha	1.5	1.8	-	-
12	Pathanamthitta	6.9	6.1	8.3	66.7
13	Kollam	-	-	-	-
14	Thiruvananthapuram	0.4	0.8	-	18.2
	All	0.6	1.2	2.0	11.4

Table 8-I: Participation of migrant labourers in construction sector (figures in %).

Job Category: Plumbing Work					
Sl No	District	Area of Construction (in Sqr Mtr.)			
		50 to 100	101 to 250	251 to 1000	Above 1000
1	Kasaragod	-	-	-	-
2	Kannur	-	0.8	-	14.3
3	Wayanad	-	-	-	20.0
4	Kozhikode	-	-	2.8	-
5	Malappuram	0.6	1.8	4.3	25.0
6	Palakkad	-	-	-	16.7
7	Thrissur	1.4	2.6	2.6	8.0
8	Ernakulam	0.6	1.5	1.6	12.5
9	Idukki	-	-	-	20.0
10	Kottayam	-	-	-	-
11	Alappuzha	1.5	3.6	6.3	33.3
12	Pathanamthitta	6.9	6.1	8.3	66.7
13	Kollam	-	0.6	-	10.0
14	Thiruvananthapuram	0.4	2.9	-	18.2
	All	0.6	1.5	1.7	13.9

Table 8-J Participation of migrant labourers in construction sector (figures in %).

Job Category: Painting Work					
Sl No	District	Area of Construction (in Sqr Mtr.)			
		50 to 100	101 to 250	251 to 1000	Above 1000
1	Kasaragod	-	-	-	20.0
2	Kannur	-	1.7	12.5	14.3
3	Wayanad	-	-	-	40.0
4	Kozhikode	1.7	0.5	5.6	8.0
5	Malappuram	-	-	8.7	33.3
6	Palakkad	-	-	-	16.7
7	Thrissur	0.7	3.1	-	20.0
8	Ernakulam	7.1	6.9	11.1	21.9
9	Idukki	-	10.8	13.3	13.3
10	Kottayam	-	-	-	25.0
11	Alappuzha	1.5	-	12.5	-
12	Pathanamthitta	6.9	14.3	16.7	83.3
13	Kollam	-	1.3	4.3	20.0
14	Thiruvananthapuram	1.3	2.9	9.3	18.2
	All	1.4	2.6	7.2	21.1

Table 8-K: Participation of migrant labourers in construction sector (figures in %).

Job Category: Interior Decoration

Sl No	District	Area of Construction (in Sqr Mtr.)			
		50 to 100	101 to 250	251 to 1000	Above 1000
1	Kasaragod	-	-	-	-
2	Kannur	-	0.8	8.3	14.3
3	Wayanad	-	-	-	40.0
4	Kozhikode	-	-	2.8	4.0
5	Malappuram	-	2.3	-	8.3
6	Palakkad	-	-	-	-
7	Thrissur	-	2.1	2.6	20.0
8	Ernakulam	0.6	-	1.6	6.3
9	Idukki	-	-	-	-
10	Kottayam	-	-	-	-
11	Alappuzha	-	-	6.3	-
12	Pathanamthitta	-	6.1	8.3	66.7
13	Kollam	-	-	-	-
14	Thiruvananthapuram	-	-	-	18.2
	All	0.1	0.7	2.0	10.8

Table 8-L: Participation of migrant labourers in construction sector (figures in %).

Job Category: Gardening & Landscaping

Sl No	District	Area of Construction (in Sqr Mtr.)			
		50 to 100	101 to 250	251 to 1000	Above 1000
1	Kasaragod	-	-	-	-
2	Kannur	-	-	4.2	-
3	Wayanad	-	-	-	40.0
4	Kozhikode	-	-	5.6	-
5	Malappuram	2.6	4.1	8.7	8.3
6	Palakkad	-	-	-	-
7	Thrissur	-	-	-	4.0
8	Ernakulam	-	0.5	1.6	12.5
9	Idukki	-	-	6.7	6.7
10	Kottayam	-	-	-	-
11	Alappuzha	-	-	6.3	33.3
12	Pathanamthitta	-	4.1	8.3	33.3
13	Kollam	-	-	-	-
14	Thiruvananthapuram	-	0.4	4.7	27.3
	All	0.3	0.7	3.2	9.0

Table 8-M: Participation of migrant labourers in construction sector (figures in %).

Job Category: Tiling and Paving

Sl No	District	Area of Construction (in Sqr Mtr.)			
		50 to 100	101 to 250	251 to 1000	Above 1000
1	Kasaragod	-	7.7	9.1	40.0
2	Kannur	-	-	-	14.3
3	Wayanad	-	3.8	-	40.0
4	Kozhikode	-	2.0	11.1	12.0
5	Malappuram	1.3	3.5	13.0	41.7
6	Palakkad	-	-	-	16.7
7	Thrissur	0.7	3.6	10.3	40.0
8	Ernakulam	1.3	3.0	7.9	25.0
9	Idukki	-	16.2	40.0	26.7
10	Kottayam	-	-	5.9	-
11	Alappuzha	-	1.8	6.3	66.7
12	Pathanamthitta	3.4	12.2	16.7	66.7
13	Kollam	0.7	2.5	4.3	-
14	Thiruvananthapuram	3.9	10.6	23.3	27.3
	All	1.2	4.3	10.9	27.1

Table 8-N: Participation of migrant labourers in construction sector (figures in %).

Job Category: Other Works

Sl No	District	Area of Construction (in Sqr Mtr.)			
		50 to 100	101 to 250	251 to 1000	Above 1000
1	Kasaragod	-	-	-	20.0
2	Kannur	1.5	1.7	4.2	-
3	Wayanad	6.5	-	-	40.0
4	Kozhikode	3.3	1.0	5.6	8.0
5	Malappuram	8.4	9.9	13.0	58.3
6	Palakkad	0.8	-	5.6	33.3
7	Thrissur	2.9	8.7	7.7	32.0
8	Ernakulam	11.6	14.8	14.3	46.9
9	Idukki	2.7	16.2	60.0	40.0
10	Kottayam	12.2	18.9	23.5	25.0
11	Alappuzha	-	-	12.5	33.3
12	Pathanamthitta	13.8	14.3	33.3	66.7
13	Kollam	1.3	5.0	-	-
14	Thiruvananthapuram	5.2	10.2	18.6	27.3
	All	4.8	7.5	13.2	31.3

Table 9-A: Reason for employing migrant labourers (figures in %).

Job Category: Well Construction

Sl No	District	Reason for employing migrant labourers (in %)					No of Constructions	
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	Total	Sample	Estimated
1	Kasaragod	100.0	-	-	-	100.0	24	2,214
2	Kannur	71.4	14.3	-	14.3	100.0	7	780
3	Wayanad	50.0	50.0	-	-	100.0	2	90
4	Kozhikode	70.0	-	20.0	10.0	100.0	10	870
5	Malappuram	72.7	9.1	18.2	-	100.0	11	1,074
6	Palakkad	76.5	14.7	2.9	5.9	100.0	34	3048
7	Thrissur	75.0	8.3	12.5	4.2	100.0	24	1,785
8	Ernakulam	25.8	54.8	16.1	3.2	100.0	31	2,875
9	Idukki	50.0	-	50.0	-	100.0	2	108
10	Kottayam	-	-	-	-	-		
11	Alappuzha	-	100.0	-	-	100.0	2	170
12	Pathanamthitta	85.7	-	14.3	-	100.0	14	1,080
13	Kollam	50.0	16.7	16.7	16.7	100.0	6	355
14	Thiruvananthapuram	37.5	37.5	12.5	12.5	100.0	8	790
	All	66.3	18.9	10.3	4.6	100.0	175	15,239

Table 9-B: Reason for employing migrant labourers (figures in %).

Job Category: Floor Leveling & Basement

Sl No	District	Reason for employing migrant labourers (in %)					No of Constructions	
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	Total	Sample	Estimated
1	Kasaragod	100.0	-	-	-	100.0	4	84
2	Kannur	53.8	30.8	7.7	7.7	100.0	13	798
3	Wayanad	18.2	81.8	-	-	100.0	22	1,615
4	Kozhikode	48.1	16.9	35.1	-	100.0	77	6,425
5	Malappuram	49.4	27.8	22.8	-	100.0	79	7,788
6	Palakkad	35.0	50.0	15.0	-	100.0	40	3,672
7	Thrissur	50.0	31.1	18.9	-	100.0	106	8,715
8	Ernakulam	25.9	57.2	15.9	1.0	100.0	201	17,045
9	Idukki	33.3	19.4	44.4	2.8	100.0	36	2,562
10	Kottayam	25.0	33.3	41.7	-	100.0	12	858
11	Alappuzha	59.4	21.9	15.6	3.1	100.0	32	2,020
12	Pathanamthitta	71.4	-	26.2	2.4	100.0	42	3,588
13	Kollam	63.2	5.3	31.6	-	100.0	19	1,190
14	Thiruvananthapuram	52.7	26.9	16.1	4.3	100.0	93	8,775
	All	43.2	34.7	20.9	1.3	100.0	776	65,135

Table 9-C: Reason for employing migrant labourers (figures in %).

Job Category: Piling Work

Sl No	District	Reason for employing migrant labourers (in %)					No of Constructions	
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	Total	Sample	Estimated
1	Kasaragod	100.0	-	-	-	100.0	2	12
2	Kannur	-	100.0	-	-	100.0	1	6
3	Wayanad	66.7	33.3	-	-	100.0	3	105
4	Kozhikode	23.5	41.2	35.3	-	100.0	17	685
5	Malappuram	50.0	50.0	-	-	100.0	6	342
6	Palakkad	-	-	-	-	-	-	-
7	Thrissur	66.7	16.7	16.7	-	100.0	12	745
8	Ernakulam	41.7	50.0	-	8.3	100.0	12	710
9	Idukki	-	-	100.0	-	100.0	1	12
10	Kottayam	66.7	-	33.3	-	100.0	3	102
11	Alappuzha	25.0	75.0	-	-	100.0	4	65
12	Pathanamthitta	90.9	4.5	4.5	-	100.0	22	1,770
13	Kollam	86.7	-	6.7	6.7	100.0	15	840
14	Thiruvananthapuram	31.8	27.3	18.2	22.7	100.0	22	2,025
	All	55.8	25.0	13.3	5.8	100.0	120	7,419

Table 9-D: Reason for employing migrant labourers (figures in %).

Sl No	District	Reason for employing migrant labourers (in %)					No of Constructions	
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	Total	Sample	Estimated
1	Kasaragod	76.2	9.5	14.3	-	100.0	21	1,530
2	Kannur	31.4	42.9	8.6	17.1	100.0	35	3,246
3	Wayanad	50.0	20.0	30.0	-	100.0	10	680
4	Kozhikode	37.5	25.0	37.5	-	100.0	80	6,490
5	Malappuram	50.8	16.1	33.1	-	100.0	124	12,582
6	Palakkad	64.3	25.0	10.7	-	100.0	28	2,700
7	Thrissur	60.1	22.3	16.2	1.4	100.0	148	12,330
8	Ernakulam	23.8	50.2	24.1	1.9	100.0	261	21,835
9	Idukki	21.4	12.5	64.3	1.8	100.0	56	4,398
10	Kottayam	42.6	16.7	40.7	-	100.0	54	5,094
11	Alappuzha	64.3	19.0	16.7	-	100.0	42	2,655
12	Pathanamthitta	70.0	8.6	14.3	7.1	100.0	70	6,414
13	Kollam	62.5	12.5	20.8	4.2	100.0	48	3,790
14	Thiruvananthapuram	46.7	21.9	20.5	11.0	100.0	210	20,255
	All	44.9	26.3	25.1	3.7	100.0	1,187	1,03,999

Table 9-E: Reason for employing migrant labourers (figures in %).

Sl No	District	Reason for employing migrant labourers (in %)					No of Constructions	
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	Total	Sample	Estimated
1	Kasaragod	87.5	7.5	5.0	-	100.0	40	3,858
2	Kannur	54.2	27.1	14.4	4.2	100.0	118	12,114
3	Wayanad	28.9	63.2	7.9	-	100.0	38	3,010
4	Kozhikode	38.1	21.4	36.3	4.2	100.0	215	19,230
5	Malappuram	60.5	11.8	27.5	0.3	100.0	306	32,850
6	Palakkad	48.6	26.6	24.8	-	100.0	109	11,400
7	Thrissur	66.7	17.4	13.8	2.2	100.0	138	11,115
8	Ernakulam	23.5	48.4	16.6	11.5	100.0	374	32,750
9	Idukki	20.3	11.9	66.1	1.7	100.0	59	4,656
10	Kottayam	42.4	22.0	35.6	-	100.0	59	5,412
11	Alappuzha	46.7	42.2	8.9	2.2	100.0	45	3,190
12	Pathanamthitta	73.0	5.4	10.8	10.8	100.0	74	6,858
13	Kollam	47.2	5.7	26.4	20.8	100.0	53	4,335
14	Thiruvananthapuram	49.6	24.2	17.1	9.1	100.0	252	24,180
	All	46.4	25.6	22.4	5.6	100.0	1,880	1,74,958

Table 9-F: Reason for employing migrant labourers (figures in %).

Sl No	District	Reason for employing migrant labourers (in %)					No of Constructions	
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	Total	Sample	Estimated
1	Kasaragod	100.0	-	-	-	100.0	1	114
2	Kannur	100.0	-	-	-	100.0	2	150
3	Wayanad	-	-	-	-	-	-	-
4	Kozhikode	-	-	100.0	-	100.0	4	400
5	Malappuram	100.0	-	-	-	100.0	1	6
6	Palakkad	100.0	-	-	-	100.0	1	30
7	Thrissur	37.5	25.0	37.5	-	100.0	8	610
8	Ernakulam	30.0	35.0	35.0	-	100.0	20	1,580
9	Idukki	-	-	-	-	-	-	-
10	Kottayam	-	-	100.0	-	100.0	1	6
11	Alappuzha	66.7	33.3	-	-	100.0	3	195
12	Pathanamthitta	75.0	-	25.0	-	100.0	4	324
13	Kollam	75.0	-	-	25.0	100.0	4	215
14	Thiruvananthapuram	50.0	33.3	16.7	-	100.0	6	440
	All	45.5	21.8	30.9	1.8	100.0	55	4,070

Table 9-G: Reason for employing migrant labourers (figures in %).

Job Category: Flooring Work

Sl No	District	Reason for employing migrant labourers (in %)					No of Constructions	
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	Total	Sample	Estimated
1	Kasaragod	71.4	22.9	5.7	-	100.0	35	3,336
2	Kannur	30.0	33.3	30.0	6.7	100.0	30	2,736
3	Wayanad	20.0	30.0	50.0	-	100.0	10	655
4	Kozhikode	29.3	44.8	25.9	-	100.0	58	4,770
5	Malappuram	59.2	12.7	28.2	-	100.0	71	7,050
6	Palakkad	53.3	26.7	20.0	-	100.0	30	2,790
7	Thrissur	54.7	29.7	15.6	-	100.0	64	5,320
8	Ernakulam	13.8	62.4	22.9	0.9	100.0	109	8,120
9	Idukki	33.3	19.0	42.9	4.8	100.0	21	1,296
10	Kottayam	-	30.0	70.0	-	100.0	10	906
11	Alappuzha	62.5	20.8	16.7	-	100.0	24	1,410
12	Pathanamthitta	65.5	3.4	27.6	3.4	100.0	29	2,514
13	Kollam	56.3	12.5	31.3	-	100.0	16	1,305
14	Thiruvananthapuram	72.1	19.1	8.8	-	100.0	68	6,465
	All	45.2	31.1	22.8	0.9	100.0	575	48,673

Table 9-H: Reason for employing migrant labourers (figures in %).

Sl No	District	Reason for employing migrant labourers (in %)					No of Constructions	
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	Total	Sample	Estimated
1	Kasaragod	-	-	-	-	-	-	-
2	Kannur	-	50.0	50.0	-	100.0	2	102
3	Wayanad	-	100.0	-	-	100.0	1	5
4	Kozhikode	-	-	100.0	-	100.0	1	100
5	Malappuram	100.0	-	-	-	100.0	8	594
6	Palakkad	50.0	50.0	-	-	100.0	2	12
7	Thrissur	30.0	40.0	30.0	-	100.0	10	810
8	Ernakulam	8.3	75.0	16.7	-	100.0	12	890
9	Idukki	100.0	-	-	-	100.0	1	120
10	Kottayam	-	-	-	-	-	-	-
11	Alappuzha	50.0	50.0	-	-	100.0	2	160
12	Pathanamthitta	70.0	-	30.0	-	100.0	10	684
13	Kollam	-	-	-	-	-	-	-
14	Thiruvananthapuram	20.0	20.0	60.0	-	100.0	5	340
	All	42.6	33.3	24.1	-	100.0	54	3,817

Table 9-I: Reason for employing migrant labourers (figures in %).

Job Category: Plumbing Work								
Sl No	District	Reason for employing migrant labourers (in %)					No of Constructions	
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	Total	Sample	Estimated
1	Kasaragod	-	-	-	-	-	-	-
2	Kannur	-	50.0	50.0	-	100.0	2	102
3	Wayanad	-	100.0	-	-	100.0	1	5
4	Kozhikode	-	-	100.0	-	100.0	1	100
5	Malappuram	100.0	-	-	-	100.0	8	594
6	Palakkad	-	100.0	-	-	100.0	1	6
7	Thrissur	30.0	40.0	30.0	-	100.0	10	810
8	Ernakulam	11.1	55.6	22.2	11.1	100.0	9	615
9	Idukki	-	-	100.0	-	100.0	3	36
10	Kottayam	-	-	-	-	-	-	-
11	Alappuzha	60.0	40.0	-	-	100.0	5	300
12	Pathanamthitta	60.0	-	40.0	-	100.0	10	696
13	Kollam	100.0	-	-	-	100.0	2	105
14	Thiruvananthapuram	30.0	50.0	10.0	10.0	100.0	10	840
	All	41.9	30.6	24.2	3.2	100.0	62	4,209

Table 9-J: Reason for employing migrant labourers (figures in %).

Job Category: Painting Work

Sl No	District	Reason for employing migrant labourers (in %)					No of Constructions	
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	Total	Sample	Estimated
1	Kasaragod	100.0	-	-	-	100.0	1	6
2	Kannur	33.3	50.0	16.7	-	100.0	6	444
3	Wayanad	50.0	50.0	-	-	100.0	2	10
4	Kozhikode	57.1	-	42.9	-	100.0	7	540
5	Malappuram	83.3	-	16.7	-	100.0	6	234
6	Palakkad	-	100.0	-	-	100.0	1	6
7	Thrissur	25.0	25.0	50.0	-	100.0	12	800
8	Ernakulam	25.6	28.2	43.6	2.6	100.0	39	3,080
9	Idukki	12.5	12.5	75.0	-	100.0	8	576
10	Kottayam	-	-	100.0	-	100.0	1	6
11	Alappuzha	33.3	33.3	33.3	-	100.0	3	135
12	Pathanamthitta	62.5	-	37.5	-	100.0	16	1,146
13	Kollam	40.0	-	60.0	-	100.0	5	320
14	Thiruvananthapuram	25.0	37.5	37.5	-	100.0	16	1,440
	All	35.8	22.0	41.5	0.8	100.0	123	8,743

Table 9-K: Reason for employing migrant labourers (figures in %).

Job Category: Interior Decoration

Sl No	District	Reason for employing migrant labourers (in %)					No of Constructions	
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	Total	Sample	Estimated
1	Kasaragod	-	-	-	-	-	-	-
2	Kannur	75.0	-	25.0	-	100.0	4	246
3	Wayanad	50.0	50.0	-	-	100.0	2	10
4	Kozhikode	-	50.0	50.0	-	100.0	2	105
5	Malappuram	80.0	-	20.0	-	100.0	5	486
6	Palakkad	-	-	-	-	-	-	-
7	Thrissur	20.0	20.0	50.0	10.0	100.0	10	555
8	Ernakulam	25.0	25.0	25.0	25.0	100.0	4	155
9	Idukki	-	-	-	-	-	-	-
10	Kottayam	-	-	-	-	-	-	-
11	Alappuzha	100.0	-	-	-	100.0	1	35
12	Pathanamthitta	50.0	-	50.0	-	100.0	8	474
13	Kollam	-	-	-	-	-	-	-
14	Thiruvananthapuram	50.0	50.0	-	-	100.0	2	50
	All	44.7	15.8	34.2	5.3	100.0	38	2,116

Table 9-L: Reason for employing migrant labourers (figures in %).

Job Category: Gardening & Landscaping								
Sl No	District	Reason for employing migrant labourers (in %)					No of Constructions	
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	Total	Sample	Estimated
1	Kasaragod	-	-	-	-	-	-	-
2	Kannur	100.0	-	-	-	100.0	1	36
3	Wayanad	50.0	50.0	-	-	100.0	2	10
4	Kozhikode	-	50.0	50.0	-	100.0	2	180
5	Malappuram	50.0	42.9	7.1	-	100.0	14	1,446
6	Palakkad	-	-	-	-	-	-	-
7	Thrissur	-	-	100.0	-	100.0	1	5
8	Ernakulam	16.7	83.3	-	-	100.0	6	200
9	Idukki	-	50.0	50.0	-	100.0	2	18
10	Kottayam	-	-	-	-	-	-	-
11	Alappuzha	50.0	50.0	-	-	100.0	2	40
12	Pathanamthitta	60.0	-	40.0	-	100.0	5	348
13	Kollam	-	-	-	-	-	-	-
14	Thiruvananthapuram	33.3	16.7	-	50.0	100.0	6	395
	All	39.0	39.0	14.6	7.3	100.0	41	2,678

Table 9-M: Reason for employing migrant labourers (figures in %).

Job Category: Tiling and Paving

Sl No	District	Reason for employing migrant labourers (in %)					No of Constructions	
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	Total	Sample	Estimated
1	Kasaragod	33.3	33.3	33.3	-	100.0	6	390
2	Kannur	-	100.0	-	-	100.0	1	6
3	Wayanad	33.3	33.3	33.3	-	100.0	3	105
4	Kozhikode	54.5	18.2	27.3	-	100.0	11	780
5	Malappuram	43.8	12.5	43.8	-	100.0	16	1,146
6	Palakkad	100.0	-	-	-	100.0	1	6
7	Thrissur	63.6	22.7	9.1	4.5	100.0	22	1,450
8	Ernakulam	28.6	28.6	38.1	4.8	100.0	21	1,170
9	Idukki	18.8	18.8	62.5	-	100.0	16	1,272
10	Kottayam	-	100.0	-	-	100.0	1	48
11	Alappuzha	50.0	50.0	-	-	100.0	4	125
12	Pathanamthitta	61.5	-	38.5	-	100.0	13	960
13	Kollam	50.0	16.7	33.3	-	100.0	6	600
14	Thiruvananthapuram	58.3	20.8	10.4	10.4	100.0	48	4,505
	All	47.9	21.3	26.6	4.1	100.0	169	12,563

Table 9-N: Reason for employing migrant labourers (figures in %).

Job Category: Other Works

Sl No	District	Reason for employing migrant labourers (in %)					No of Constructions	
		Shortage of sufficient local labourers	Migrant workers work more than local labourers	Wages are less for migrant labourers	Not Applicable	Total	Sample	Estimated
1	Kasaragod	100.0	-	-	-	100.0	1	6
2	Kannur	50.0	50.0	-	-	100.0	4	408
3	Wayanad	25.0	75.0	-	-	100.0	4	185
4	Kozhikode	40.0	20.0	40.0	-	100.0	10	815
5	Malappuram	67.5	22.5	10.0	-	100.0	40	3,936
6	Palakkad	50.0	50.0	-	-	100.0	4	162
7	Thrissur	43.8	37.5	18.8	-	100.0	32	2,385
8	Ernakulam	26.4	45.8	23.6	4.2	100.0	72	5,075
9	Idukki	9.1	36.4	54.5	-	100.0	22	1,458
10	Kottayam	60.0	20.0	20.0	-	100.0	20	1,902
11	Alappuzha	33.3	66.7	-	-	100.0	3	60
12	Pathanamthitta	73.7	-	26.3	-	100.0	19	1,518
13	Kollam	90.0	-	10.0	-	100.0	10	1,000
14	Thiruvananthapuram	39.6	10.4	10.4	39.6	100.0	48	4,495
	All	43.9	28.4	20.1	7.6	100.0	289	23,405

Table 10-A: Major reason for delay in construction (figures in %).

Job Category: Well Construction

Sl No	District	Major reason for delay in construction (in %)							No of Constructions	
		Labour shortage	Financial Problem	Shortage of materials	Hike in material cost	Not Applicable	Others	Total	Sample	Estimated
1	Kasaragod	100.0	-	-	-	-	-	100.0	2	222
2	Kannur	19.4	54.8	19.4	-	3.2	3.2	100.0	31	3,240
3	Wayanad	-	-	-	-	-	-	-	-	-
4	Kozhikode	21.2	48.5	6.1	-	24.2	-	100.0	33	3,095
5	Malappuram	40.9	50.0	4.5	-	-	4.5	100.0	22	2,280
6	Palakkad	60.0	20.0	-	-	-	20.0	100.0	5	432
7	Thrissur	5.4	8.1	5.4	-	81.1	-	100.0	37	3,065
8	Ernakulam	10.0	70.0	10.0	-	-	10.0	100.0	10	875
9	Idukki	-	-	-	-	-	-	-	-	-
10	Kottayam	-	-	-	-	100.0	-	100.0	14	1,320
11	Alappuzha	100.0	-	-	-	-	-	100.0	1	100
12	Pathanamthitta	-	-	-	-	75.0	25.0	100.0	4	432
13	Kollam	-	16.7	50.0	-	16.7	16.7	100.0	6	515
14	Thiruvananthapuram	13.0	30.4	-	-	52.2	4.3	100.0	23	2,250
	All	18.1	33.5	8.0	-	36.7	3.7	100.0	188	17,826

Table 10-B: Major reason for delay in construction (figures in %).

Job Category: Floor Leveling & Basement

Sl No	District	Major reason for delay in construction (in %)							No of Constructions	
		Labour shortage	Financial Problem	Shortage of materials	Hike in building material cost	Not Applicable	Others	Total	Sample	Estimated
1	Kasaragod	71.4	14.3	-	-	-	14.3	100.0	7	498
2	Kannur	5.5	60.0	25.5	-	5.5	3.6	100.0	55	5,460
3	Wayanad	5.9	88.2	5.9	-	-	-	100.0	17	1,450
4	Kozhikode	14.6	45.1	9.8	1.2	23.2	6.1	100.0	82	7,345
5	Malappuram	20.2	53.9	12.4	-	6.7	6.7	100.0	89	9,882
6	Palakkad	46.3	34.1	9.8	2.4	7.3	-	100.0	41	3,900
7	Thrissur	2.3	21.1	9.0	-	65.4	2.3	100.0	133	12,155
8	Ernakulam	13.5	53.8	13.5	-	5.8	13.5	100.0	52	4,625
9	Idukki	8.3	91.7	-	-	-	-	100.0	12	1,092
10	Kottayam	4.2	41.7	-	-	50.0	4.2	100.0	24	2,148
11	Alappuzha	18.0	68.0	4.0	2.0	6.0	2.0	100.0	50	3,990
12	Pathanamthitta	-	50.0	25.0	-	16.7	8.3	100.0	12	1,152
13	Kollam	-	61.1	22.2	-	16.7	-	100.0	18	1,635
14	Thiruvananthapuram	11.1	42.6	3.7	-	42.6	-	100.0	54	5,375
	All	13.2	46.3	10.5	0.5	25.4	4.2	100.0	646	60,707

Table 10-C: Major reason for delay in construction (figures in %).

Job Category: Piling work

Sl No	District	Major reason for delay in construction (in %)					No of Constructions	
		Labour shortage	Financial Problem	Shortage of materials	Not Applicable	Total	Sample	Estimated
1	Kasaragod	-	-	-	-	-	-	-
2	Kannur	-	-	-	-	-	-	-
3	Wayanad	-	-	-	-	-	-	-
4	Kozhikode	-	-	-	-	-	-	-
5	Malappuram	100.0	-	-	-	100.0	1	6
6	Palakkad	-	-	-	-	-	-	-
7	Thrissur	50.0	-	-	50.0	100.0	2	110
8	Ernakulam	100.0	-	-	-	100.0	1	5
9	Idukki	-	-	-	-	-	-	-
10	Kottayam	-	-	-	100.0	100.0	2	120
11	Alappuzha	-	100.0	-	-	100.0	3	265
12	Pathanamthitta	-	-	-	100.0	100.0	1	36
13	Kollam	-	100.0	-	-	100.0	2	130
14	Thiruvananthapuram	-	40.0	-	60.0	100.0	5	500
	All	17.6	41.2	-	41.2	100.0	17	1,172

Table 10-D: Major reason for delay in construction (figures in %).

Job Category: Masonry work

Sl No	District	Major reason for delay in construction (in %)							No of Constructions	
		Labour shortage	Financial Problem	Shortage of materials	Hike in building material cost	Not Applicable	Others	Total	Sample	Estimated
1	Kasaragod	65.9	14.6	19.5	-	-	-	100.0	41	3,762
2	Kannur	11.3	58.9	23.4	-	4.0	2.4	100.0	124	12,714
3	Wayanad	10.5	78.9	10.5	-	-	-	100.0	38	3,200
4	Kozhikode	15.0	60.7	12.6	0.5	9.7	1.5	100.0	206	18,375
5	Malappuram	14.5	72.6	9.7	1.6	1.1	0.5	100.0	186	20,148
6	Palakkad	54.0	30.4	15.5	-	-	-	100.0	161	16,482
7	Thrissur	5.0	39.5	17.3	-	37.3	0.9	100.0	220	20,340
8	Ernakulam	13.2	61.9	10.6	1.1	5.8	7.4	100.0	189	15,855
9	Idukki	15.0	80.0	-	-	-	5.0	100.0	20	1,746
10	Kottayam	22.2	48.1	9.9	-	17.3	2.5	100.0	81	7,668
11	Alappuzha	30.7	61.4	4.5	-	3.4	-	100.0	88	7,250
12	Pathanamthitta	-	79.2	12.5	4.2	4.2	-	100.0	24	2,262
13	Kollam	6.9	79.3	13.8	-	-	-	100.0	29	2,665
14	Thiruvananthapuram	9.3	69.1	7.4	2.5	11.3	0.5	100.0	204	19,540
	All	18.3	56.7	12.5	0.7	10.0	1.7	100.0	1,611	1,52,007

Table 10-E: Major reason for delay in construction (figures in %).

Job Category: Concrete work

Sl No	District	Major reason for delay in construction (in %)							No of Constructions	
		Labour shortage	Financial Problem	Shortage of materials	Hike in building material cost	Not Applicable	Others	Total	Sample	Estimated
1	Kasaragod	54.3	20.0	25.7	-	-	-	100.0	35	3,144
2	Kannur	8.4	61.1	27.4	-	1.1	2.1	100.0	95	9,402
3	Wayanad	18.8	68.8	12.5	-	-	-	100.0	16	1,350
4	Kozhikode	11.0	60.7	15.9	-	11.7	0.7	100.0	145	12,525
5	Malappuram	17.1	62.6	15.5	0.5	2.1	2.1	100.0	187	20,244
6	Palakkad	59.7	23.4	16.9	-	-	-	100.0	77	7,506
7	Thrissur	1.6	35.3	19.0	-	42.9	1.1	100.0	184	17,120
8	Ernakulam	15.7	50.0	18.5	2.8	6.5	6.5	100.0	108	8,950
9	Idukki	-	71.4	14.3	-	14.3	-	100.0	7	504
10	Kottayam	10.9	32.6	28.3	-	28.3	-	100.0	46	4,470
11	Alappuzha	20.8	64.2	3.8	5.7	5.7	-	100.0	53	4,415
12	Pathanamthitta	-	100.0	-	-	-	-	100.0	3	306
13	Kollam	-	56.3	43.8	-	-	-	100.0	16	1,445
14	Thiruvananthapuram	16.7	39.4	3.0	4.5	36.4	-	100.0	66	6,465
	All	16.5	49.1	17.5	1.0	14.4	1.5	100.0	1,038	97,846

Table 10-F: Major reason for delay in construction (figures in %).

Job Category: Carpentry work

Sl No	District	Major reason for delay in construction (in %)								No of Constructions	
		Labour shortage	Financial Problem	Shortage of materials	Hike in building material cost	Increase in wages	Not Applicable	Others	Total	Sample	Estimated
1	Kasaragod	36.4	36.4	27.3	-	-	-	-	100.0	11	1,128
2	Kannur	4.1	89.8	6.1	-	-	-	-	100.0	49	5,136
3	Wayanad	-	94.1	5.9	-	-	-	-	100.0	17	1,435
4	Kozhikode	9.5	68.4	4.2	1.1	1.1	15.8	-	100.0	95	8,650
5	Malappuram	20.6	69.1	7.4	1.5	-	1.5	-	100.0	68	7,608
6	Palakkad	45.8	33.9	18.6	-	-	1.7	-	100.0	59	5,826
7	Thrissur	6.1	30.3	7.3	1.2	0.6	52.7	1.8	100.0	165	15,225
8	Ernakulam	17.4	53.5	8.1	2.3	-	9.3	9.3	100.0	86	7,155
9	Idukki	12.5	87.5	-	-	-	-	-	100.0	8	732
10	Kottayam	9.1	29.5	6.8	-	-	54.5	-	100.0	44	4,290
11	Alappuzha	40.4	50.0	1.9	-	-	7.7	-	100.0	52	4,390
12	Pathanamthitta	-	66.7	13.3	-	-	20.0	-	100.0	15	1,434
13	Kollam	8.3	79.2	4.2	-	-	8.3	-	100.0	24	2,220
14	Thiruvananthapuram	14.1	59.8	-	-	-	26.1	-	100.0	92	9,055
	All	15.5	53.8	6.8	0.8	0.3	21.5	1.4	100.0	785	74,284

Table 10-G: Major reason for delay in construction (figures in %).

Job Category: Flooring work

Sl No	District	Major reason for delay in construction (in %)							No of Constructions	
		Labour shortage	Financial Problem	Shortage of materials	Hike in building material cost	Not Applicable	Others	Total	Sample	Estimated
1	Kasaragod	62.5	12.5	25.0	-	-	-	100.0	8	636
2	Kannur	4.5	68.2	15.9	-	9.1	2.3	100.0	44	4,350
3	Wayanad	5.9	94.1	-	-	-	-	100.0	17	1,525
4	Kozhikode	4.8	53.6	17.9	3.6	17.9	2.4	100.0	84	7,515
5	Malappuram	18.7	68.0	6.7	1.3	1.3	4.0	100.0	75	8,292
6	Palakkad	38.2	50.0	11.8	-	-	-	100.0	34	3,228
7	Thrissur	-	29.0	6.9	-	56.5	7.6	100.0	131	12,015
8	Ernakulam	13.1	64.3	8.3	3.6	4.8	6.0	100.0	84	6,960
9	Idukki	9.1	81.8	-	-	9.1	-	100.0	11	1,068
10	Kottayam	2.7	45.9	2.7	-	48.6	-	100.0	37	3,288
11	Alappuzha	17.2	70.7	3.4	1.7	6.9	-	100.0	58	4,930
12	Pathanamthitta	-	25.0	-	-	75.0	-	100.0	4	450
13	Kollam	-	62.5	18.8	-	18.8	-	100.0	16	1,410
14	Thiruvananthapuram	9.0	55.2	4.5	-	31.3	-	100.0	67	6,535
	All	10.1	54.8	8.7	1.2	22.1	3.1	100.0	670	62,202

Table 10-H: Major reason for delay in construction (figures in %).

Job Category: Electrical work

Sl No	District	Major reason for delay in construction (in %)								No of Constructions	
		Labour shortage	Financial Problem	Shortage of materials	Hike in building material cost	Increase in wages	Not Applicable	Others	Total	Sample	Estimated
1	Kasaragod	25.0	75.0	-	-	-	-	-	100.0	4	438
2	Kannur	11.8	84.3	3.9	-	-	-	-	100.0	51	5,352
3	Wayanad	-	90.9	-	-	-	9.1	-	100.0	11	960
4	Kozhikode	11.7	48.3	11.7	-	-	25.0	3.3	100.0	60	5,260
5	Malappuram	21.6	70.3	5.4	2.7	-	-	-	100.0	37	4,194
6	Palakkad	57.1	39.3	3.6	-	-	-	-	100.0	28	2,712
7	Thrissur	0.9	24.1	8.0	-	0.9	57.1	8.9	100.0	112	10,300
8	Ernakulam	29.3	50.0	1.7	3.4	-	8.6	6.9	100.0	58	4,610
9	Idukki	-	100.0	-	-	-	-	-	100.0	3	222
10	Kottayam	6.9	34.5	-	-	-	58.6	-	100.0	29	2,670
11	Alappuzha	6.3	87.5	-	-	-	6.3	-	100.0	32	2,715
12	Pathanamthitta	-	60.0	-	-	-	40.0	-	100.0	5	540
13	Kollam	-	80.0	6.7	-	-	6.7	6.7	100.0	15	1,335
14	Thiruvananthapuram	6.4	46.8	2.1	-	-	44.7	-	100.0	47	4,690
	All	12.8	52.0	4.9	0.6	0.2	26.0	3.5	100.0	492	45,998

Table 10-I: Major reason for delay in construction (figures in %).

Job Category: Plumbing work

Sl No	District	Major reason for delay in construction (in %)							No of Constructions	
		Labour shortage	Financial Problem	Shortage of materials	Hike in building material cost	Not Applicable	Others	Total	Sample	Estimated
1	Kasaragod	50.0	50.0	-	-	-	-	100.0	2	216
2	Kannur	11.8	88.2	-	-	-	-	100.0	34	3,606
3	Wayanad	-	87.5	-	-	12.5	-	100.0	8	620
4	Kozhikode	1.6	62.5	10.9	1.6	20.3	3.1	100.0	64	5,590
5	Malappuram	12.5	79.2	-	4.2	4.2	-	100.0	24	2,766
6	Palakkad	55.6	44.4	-	-	-	-	100.0	18	1,590
7	Thrissur	1.1	18.9	6.3	-	64.2	9.5	100.0	95	8,665
8	Ernakulam	29.8	45.6	3.5	1.8	7.0	12.3	100.0	57	4,635
9	Idukki	-	75.0	25.0	-	-	-	100.0	4	342
10	Kottayam	9.5	23.8	-	-	66.7	-	100.0	21	1,890
11	Alappuzha	15.4	73.1	-	-	11.5	-	100.0	26	2,135
12	Pathanamthitta	-	42.9	-	-	57.1	-	100.0	7	702
13	Kollam	-	90.9	-	-	-	9.1	100.0	11	1,020
14	Thiruvananthapuram	13.3	37.8	2.2	-	46.7	-	100.0	45	4,445
	All	11.8	49.5	4.1	0.7	29.3	4.6	100.0	416	38,222

Table 10-J: Major reason for delay in construction (figures in %).

Job Category: Painting work

Sl No	District	Major reason for delay in construction (in %)							No of Constructions	
		Labour shortage	Financial Problem	Shortage of materials	Hike in building material cost	Not Applicable	Others	Total	Sample	Estimated
1	Kasaragod	100.0	-	-	-	-	-	100.0	5	498
2	Kannur	2.9	97.1	-	-	-	-	100.0	35	3,720
3	Wayanad	-	90.0	-	-	10.0	-	100.0	10	775
4	Kozhikode	5.6	62.5	6.9	2.8	20.8	1.4	100.0	72	6,490
5	Malappuram	28.3	64.2	3.8	1.9	1.9	-	100.0	53	5,826
6	Palakkad	54.8	41.9	3.2	-	-	-	100.0	31	2,802
7	Thrissur	1.8	31.3	5.4	-	61.6	-	100.0	112	10,215
8	Ernakulam	17.1	57.9	5.3	5.3	2.6	11.8	100.0	76	5,970
9	Idukki	-	75.0	-	25.0	-	-	100.0	4	378
10	Kottayam	22.2	22.2	-	-	55.6	-	100.0	18	1,452
11	Alappuzha	32.4	59.5	-	2.7	5.4	-	100.0	37	3,120
12	Pathanamthitta	-	33.3	16.7	-	50.0	-	100.0	6	558
13	Kollam	-	80.0	10.0	-	10.0	-	100.0	10	855
14	Thiruvananthapuram	10.8	48.6	4.1	1.4	32.4	2.7	100.0	74	7,225
	All	14.9	53.2	4.2	1.8	23.6	2.2	100.0	543	49,884

Table 10-K: Major reason for delay in construction (figures in %).

Job Category: Interior Decoration

Sl No	District	Major reason for delay in construction (in %)							No of Constructions	
		Labour shortage	Financial Problem	Shortage of materials	Hike in building material cost	Not Applicable	Others	Total	Sample	Estimated
1	Kasaragod	50.0	50.0	-	-	-	-	100.0	2	180
2	Kannur	-	100.0	-	-	-	-	100.0	2	204
3	Wayanad	-	-	-	-	-	-	-	-	-
4	Kozhikode	9.1	72.7	-	-	18.2	-	100.0	11	910
5	Malappuram	41.7	45.8	4.2	4.2	-	4.2	100.0	24	2,844
6	Palakkad	20.0	40.0	40.0	-	-	-	100.0	5	264
7	Thrissur	-	22.0	12.2	2.4	63.4	-	100.0	41	3,650
8	Ernakulam	61.5	-	-	7.7	23.1	7.7	100.0	13	960
9	Idukki	-	100.0	-	-	-	-	100.0	1	30
10	Kottayam	-	14.3	28.6	-	57.1	-	100.0	7	690
11	Alappuzha	13.6	77.3	-	-	9.1	-	100.0	22	1,725
12	Pathanamthitta	-	25.0	25.0	-	50.0	-	100.0	4	396
13	Kollam	-	-	100.0	-	-	-	100.0	1	100
14	Thiruvananthapuram	-	42.9	-	-	57.1	-	100.0	7	700
	All	17.1	40.0	8.6	2.1	30.7	1.4	100.0	140	12,653

Table 10-L: Major reason for delay in construction (figures in %).

Job Category: Gardening & Landscaping

Sl No	District	Major reason for delay in construction (in %)					No of Constructions	
		Labour shortage	Financial Problem	Shortage of materials	Not Applicable	Total	Sample	Estimated
1	Kasaragod	-	-	-	-	-	-	-
2	Kannur	-	50.0	50.0	-	100.0	2	120
3	Wayanad	-	-	-	-	-	-	-
4	Kozhikode	-	-	-	100.0	100.0	1	20
5	Malappuram	100.0	-	-	-	100.0	1	120
6	Palakkad	-	-	100.0	-	100.0	1	6
7	Thrissur	-	-	-	100.0	100.0	2	15
8	Ernakulam	-	-	100.0	-	100.0	1	5
9	Idukki	-	-	-	-	-	-	-
10	Kottayam	-	-	-	-	-	-	-
11	Alappuzha	-	-	-	-	-	-	-
12	Pathanamthitta	-	-	-	-	-	-	-
13	Kollam	-	-	100.0	-	100.0	1	30
14	Thiruvananthapuram	-	25.0	-	75.0	100.0	4	400
	All	7.7	15.4	30.8	46.2	100.0	13	716

Table 10-M: Major reason for delay in construction (figures in %).

Job Category: Tiling and Paving

Sl No	District	Major reason for delay in construction (in %)								No of Constructions	
		Labour shortage	Financial Problem	Shortage of materials	Hike in building material cost	Increase in wages	Not Applicable	Others	Total	Sample	Estimated
1	Kasaragod	-	-	-	-	-	-	-	-	-	-
2	Kannur	-	40.0	40.0	-	20.0	-	-	100.0	5	402
3	Wayanad	-	-	-	-	-	-	-	-	-	-
4	Kozhikode	-	16.7	50.0	-	-	16.7	16.7	100.0	6	270
5	Malappuram	50.0	25.0	-	25.0	-	-	-	100.0	4	474
6	Palakkad	-	66.7	-	33.3	-	-	-	100.0	3	180
7	Thrissur	-	-	7.7	-	-	92.3	-	100.0	13	1,120
8	Ernakulam	28.6	57.1	-	-	-	14.3	-	100.0	7	615
9	Idukki	-	100.0	-	-	-	-	-	100.0	1	96
10	Kottayam	-	-	40.0	-	-	60.0	-	100.0	5	492
11	Alappuzha	-	100.0	-	-	-	-	-	100.0	3	190
12	Pathanamthitta	-	-	-	-	-	-	-	-	-	-
13	Kollam	-	-	100.0	-	-	-	-	100.0	1	30
14	Thiruvananthapuram	-	33.3	22.2	-	-	44.4	-	100.0	9	900
	All	7.0	29.8	19.3	3.5	1.8	36.8	1.8	100.0	57	4,769

Table 10-N: Major reason for delay in construction (figures in %).

Job Category: Other Works

Sl No	District	Major reason for delay in construction (in %)							No of Constructions	
		Labour shortage	Financial Problem	Shortage of materials	Hike in building material cost	Not Applicable	Others	Total	Sample	Estimated
1	Kasaragod	-	-	-	-	-	-	-	-	-
2	Kannur	3.4	89.7	6.9	-	-	-	100.0	29	2,952
3	Wayanad	7.7	92.3	-	-	-	-	100.0	13	1,140
4	Kozhikode	5.6	44.4	5.6	-	38.9	5.6	100.0	18	1,620
5	Malappuram	7.0	77.2	1.8	3.5	3.5	7.0	100.0	57	6,048
6	Palakkad	80.0	10.0	10.0	-	-	-	100.0	10	828
7	Thrissur	5.0	10.0	-	2.5	82.5	-	100.0	40	3,225
8	Ernakulam	18.8	50.0	-	-	-	31.3	100.0	16	1,260
9	Idukki	20.0	60.0	-	-	20.0	-	100.0	5	456
10	Kottayam	5.6	16.7	-	-	77.8	-	100.0	18	1,974
11	Alappuzha	33.3	44.4	11.1	-	11.1	-	100.0	9	540
12	Pathanamthitta	-	25.0	-	-	75.0	-	100.0	4	348
13	Kollam	-	-	-	-	-	-	-	-	-
14	Thiruvananthapuram	-	29.0	-	-	71.0	-	100.0	31	3,020
	All	10.0	49.2	2.4	1.2	33.2	4.0	100.0	250	23,411

Table 11: Percentage distribution of man days worked by labourers engaged in “well construction”.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	90.9	9.1	100.0	76.6	23.4	100.0
2	Kannur	96.8	3.2	100.0	99.8	0.2	100.0
3	Wayanad	94.0	6.0	100.0	89.9	10.1	100.0
4	Kozhikode	98.3	1.7	100.0	89.6	10.4	100.0
5	Malappuram	98.3	1.7	100.0	96.0	4.0	100.0
6	Palakkad	81.9	18.1	100.0	75.3	24.7	100.0
7	Thrissur	95.0	5.0	100.0	87.1	12.9	100.0
8	Ernakulam	93.5	6.5	100.0	80.9	19.1	100.0
9	Idukki	96.0	4.0	100.0	61.1	38.9	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	95.0	5.0	100.0	87.6	12.4	100.0
12	Pathanamthitta	96.7	3.3	100.0	70.5	29.5	100.0
13	Kollam	94.6	5.4	100.0	90.5	9.5	100.0
14	Thiruvananthapuram	99.3	0.7	100.0	97.5	2.5	100.0
	All	95.7	4.3	100.0	90.5	9.5	100.0

Table 12-A: Percentage distribution of man days worked by labourers engaged in “**Floor Leveling & Basement**”.

Area of construction: 50 to 100 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	99.4	0.6	100.0	99.5	0.5	100.0
3	Wayanad	98.4	1.6	100.0	89.8	10.2	100.0
4	Kozhikode	100.0	-	100.0	95.0	5.0	100.0
5	Malappuram	93.4	6.6	100.0	83.2	16.8	100.0
6	Palakkad	90.4	9.6	100.0	95.9	4.1	100.0
7	Thrissur	98.8	1.2	100.0	91.8	8.2	100.0
8	Ernakulam	91.8	8.2	100.0	77.8	22.2	100.0
9	Idukki	97.1	2.9	100.0	92.6	7.4	100.0
10	Kottayam	100.0	-	100.0	91.3	8.7	100.0
11	Alappuzha	92.4	7.6	100.0	90.1	9.9	100.0
12	Pathanamthitta	95.1	4.9	100.0	83.9	16.1	100.0
13	Kollam	99.3	0.7	100.0	100.0	-	100.0
14	Thiruvananthapuram	99.1	0.9	100.0	94.6	5.4	100.0
	All	95.8	4.2	100.0	90.2	9.8	100.0

Table 12-B: Percentage distribution of man days worked by labourers engaged in “Floor Leveling & Basement”.

Area of construction: 101 to 250 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	98.8	1.2	100.0	99.8	0.2	100.0
3	Wayanad	95.4	4.6	100.0	90.4	9.6	100.0
4	Kozhikode	97.8	2.2	100.0	86.8	13.2	100.0
5	Malappuram	95.4	4.6	100.0	88.9	11.1	100.0
6	Palakkad	93.6	6.4	100.0	94.1	5.9	100.0
7	Thrissur	99.0	1.0	100.0	87.8	12.2	100.0
8	Ernakulam	89.3	10.7	100.0	69.6	30.4	100.0
9	Idukki	95.0	5.0	100.0	83.7	16.3	100.0
10	Kottayam	95.0	5.0	100.0	91.4	8.6	100.0
11	Alappuzha	92.4	7.6	100.0	78.1	21.9	100.0
12	Pathanamthitta	84.5	15.5	100.0	69.2	30.8	100.0
13	Kollam	100.0	-	100.0	95.7	4.3	100.0
14	Thiruvananthapuram	97.7	2.3	100.0	82.9	17.1	100.0
	All	95.7	4.3	100.0	86.3	13.7	100.0

Table 12-C: Percentage distribution of man days worked by labourers engaged in “**Floor Leveling & Basement**”.

Area of construction: 251 to 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	73.4	26.6	100.0
2	Kannur	97.3	2.7	100.0	95.5	4.5	100.0
3	Wayanad	83.2	16.8	100.0	85.5	14.5	100.0
4	Kozhikode	97.7	2.3	100.0	87.7	12.3	100.0
5	Malappuram	89.9	10.1	100.0	84.1	15.9	100.0
6	Palakkad	61.3	38.7	100.0	76.4	23.6	100.0
7	Thrissur	97.6	2.4	100.0	84.5	15.5	100.0
8	Ernakulam	82.3	17.7	100.0	68.7	31.3	100.0
9	Idukki	57.4	42.6	100.0	61.2	38.8	100.0
10	Kottayam	81.9	18.1	100.0	85.3	14.7	100.0
11	Alappuzha	70.9	29.1	100.0	61.5	38.5	100.0
12	Pathanamthitta	97.3	2.7	100.0	52.8	47.2	100.0
13	Kollam	100.0	-	100.0	98.8	1.2	100.0
14	Thiruvananthapuram	92.1	7.9	100.0	80.6	19.4	100.0
	All	87.7	12.3	100.0	78.8	21.2	100.0

Table 12-D: Percentage distribution of man days worked by labourers engaged in “**Floor Leveling & Basement**”.

Area of construction: Above 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	99.5	0.5	100.0	84.3	15.7	100.0
2	Kannur	89.3	10.7	100.0	51.5	48.5	100.0
3	Wayanad	62.2	37.8	100.0	48.3	51.7	100.0
4	Kozhikode	68.5	31.5	100.0	71.6	28.4	100.0
5	Malappuram	89.2	10.8	100.0	11.8	88.2	100.0
6	Palakkad	80.7	19.3	100.0	14.2	85.8	100.0
7	Thrissur	89.1	10.9	100.0	50.1	49.9	100.0
8	Ernakulam	75.3	24.7	100.0	72.8	27.2	100.0
9	Idukki	84.3	15.7	100.0	57.3	42.7	100.0
10	Kottayam	17.6	82.4	100.0	-	100.0	100.0
11	Alappuzha	25.5	74.5	100.0	35.8	64.2	100.0
12	Pathanamthitta	100.0	-	100.0	6.2	93.8	100.0
13	Kollam	78.8	21.2	100.0	59.8	40.2	100.0
14	Thiruvananthapuram	56.2	43.8	100.0	72.0	28.0	100.0
	All	78.7	21.3	100.0	48.2	51.8	100.0

Table 12-E: Percentage distribution of man days worked by labourers engaged in “Floor Leveling & Basement”.

Area of construction: All.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	99.7	0.3	100.0	87.3	12.7	100.0
2	Kannur	97.0	3.0	100.0	90.4	9.6	100.0
3	Wayanad	77.1	22.9	100.0	71.6	28.4	100.0
4	Kozhikode	89.7	10.3	100.0	85.0	15.0	100.0
5	Malappuram	92.1	7.9	100.0	61.1	38.9	100.0
6	Palakkad	86.6	13.4	100.0	66.2	33.8	100.0
7	Thrissur	95.4	4.6	100.0	74.1	25.9	100.0
8	Ernakulam	84.0	16.0	100.0	71.9	28.1	100.0
9	Idukki	85.3	14.7	100.0	65.0	35.0	100.0
10	Kottayam	54.5	45.5	100.0	53.9	46.1	100.0
11	Alappuzha	74.5	25.5	100.0	64.5	35.5	100.0
12	Pathanamthitta	95.1	4.9	100.0	32.7	67.3	100.0
13	Kollam	91.3	8.7	100.0	81.7	18.3	100.0
14	Thiruvananthapuram	91.3	8.7	100.0	84.5	15.5	100.0
	All	88.8	11.2	100.0	71.9	28.1	100.0

Table 13-A: Percentage distribution of man days worked by labourers engaged in “**Piling Job**”.

Area of construction: 50 to 100 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	-	-	-	-	-	-
2	Kannur	-	-	-	-	-	-
3	Wayanad	100.0	-	100.0	-	-	-
4	Kozhikode	-	-	-	-	-	-
5	Malappuram	100.0	-	100.0	100.0	-	100.0
6	Palakkad	-	-	-	-	-	-
7	Thrissur	100.0	-	100.0	-	-	-
8	Ernakulam	100.0	-	100.0	-	100.0	100.0
9	Idukki	-	-	-	-	-	-
10	Kottayam	-	-	-	-	-	-
11	Alappuzha	100.0	-	100.0	100.0	-	100.0
12	Pathanamthitta	100.0	-	100.0	17.9	82.1	100.0
13	Kollam	100.0	-	100.0	94.2	5.8	100.0
14	Thiruvananthapuram	100.0	-	100.0	100.0	-	100.0
	All	100.0	-	100.0	87.2	12.8	100.0

Table 13-B: Percentage distribution of man days worked by labourers engaged in “**Piling Job**”.

Area of construction: 101 to 250 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	-	-	-	-	-	-
2	Kannur	-	-	-	-	-	-
3	Wayanad	100.0	-	100.0	-	100.0	100.0
4	Kozhikode	100.0	-	100.0	50.0	50.0	100.0
5	Malappuram	66.2	33.8	100.0	74.2	25.8	100.0
6	Palakkad	-	-	-	-	-	-
7	Thrissur	96.4	3.6	100.0	39.0	61.0	100.0
8	Ernakulam	-	100.0	100.0	-	100.0	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	100.0	-	100.0	100.0	-	100.0
12	Pathanamthitta	66.0	34.0	100.0	23.3	76.7	100.0
13	Kollam	100.0	-	100.0	97.2	2.8	100.0
14	Thiruvananthapuram	89.3	10.7	100.0	65.8	34.2	100.0
	All	93.3	6.7	100.0	82.9	17.1	100.0

Table 13-C: Percentage distribution of man days worked by labourers engaged in "**Piling Job**".

Area of construction: 251 to 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	-	-	-	-	-	-
2	Kannur	100.0	-	100.0	100.0	-	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	83.5	16.5	100.0	46.7	53.3	100.0
5	Malappuram	-	100.0	100.0	-	100.0	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	88.4	11.6	100.0	61.4	38.6	100.0
8	Ernakulam	67.4	32.6	100.0	65.5	34.5	100.0
9	Idukki	-	-	-	-	-	-
10	Kottayam	50.8	49.2	100.0	16.2	83.8	100.0
11	Alappuzha	65.7	34.3	100.0	47.6	52.4	100.0
12	Pathanamthitta	92.8	7.2	100.0	53.1	46.9	100.0
13	Kollam	100.0	-	100.0	96.8	3.2	100.0
14	Thiruvananthapuram	69.1	30.9	100.0	49.9	50.1	100.0
	All	73.9	26.1	100.0	58.5	41.5	100.0

Table 13-D: Percentage distribution of man days worked by labourers engaged in “**Piling Job**”.

Area of construction: Above 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	-	100.0	100.0	-	100.0	100.0
2	Kannur	82.0	18.0	100.0	85.4	14.6	100.0
3	Wayanad	3.3	96.7	100.0	1.8	98.2	100.0
4	Kozhikode	42.7	57.3	100.0	25.0	75.0	100.0
5	Malappuram	-	100.0	100.0	-	100.0	100.0
6	Palakkad	-	-	-	-	-	-
7	Thrissur	43.7	56.3	100.0	10.5	89.5	100.0
8	Ernakulam	76.4	23.6	100.0	69.4	30.6	100.0
9	Idukki	67.5	32.5	100.0	-	-	-
10	Kottayam	-	-	-	-	-	-
11	Alappuzha	2.2	97.8	100.0	-	100.0	100.0
12	Pathanamthitta	100.0	-	100.0	-	100.0	100.0
13	Kollam	95.6	4.4	100.0	57.8	42.2	100.0
14	Thiruvananthapuram	31.8	68.2	100.0	36.9	63.1	100.0
	All	46.7	53.3	100.0	26.1	73.9	100.0

Table 13-E: Percentage distribution of man days worked by labourers engaged in “**Piling Job**”.

Area of construction: All.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	-	100.0	100.0	-	100.0	100.0
2	Kannur	84.3	15.7	100.0	86.7	13.3	100.0
3	Wayanad	10.4	89.6	100.0	3.9	96.1	100.0
4	Kozhikode	49.9	50.1	100.0	29.7	70.3	100.0
5	Malappuram	36.3	63.7	100.0	14.0	86.0	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	58.5	41.5	100.0	18.6	81.4	100.0
8	Ernakulam	75.6	24.4	100.0	68.8	31.2	100.0
9	Idukki	70.2	29.8	100.0	100.0	-	100.0
10	Kottayam	66.5	33.5	100.0	48.6	51.4	100.0
11	Alappuzha	35.4	64.6	100.0	13.9	86.1	100.0
12	Pathanamthitta	95.1	4.9	100.0	11.5	88.5	100.0
13	Kollam	96.8	3.2	100.0	85.7	14.3	100.0
14	Thiruvananthapuram	55.4	44.6	100.0	46.7	53.3	100.0
	All	56.5	43.5	100.0	40.4	59.6	100.0

Table 14-A: Percentage distribution of man days worked by labourers engaged in “**Masonry Work**”.

Area of construction: 50 to 100 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	89.5	10.5	100.0	94.2	5.8	100.0
2	Kannur	99.0	1.0	100.0	96.3	3.7	100.0
3	Wayanad	92.7	7.3	100.0	91.2	8.8	100.0
4	Kozhikode	98.3	1.7	100.0	92.5	7.5	100.0
5	Malappuram	92.7	7.3	100.0	85.4	14.6	100.0
6	Palakkad	97.8	2.2	100.0	99.2	0.8	100.0
7	Thrissur	95.0	5.0	100.0	91.8	8.2	100.0
8	Ernakulam	93.4	6.6	100.0	78.5	21.5	100.0
9	Idukki	91.7	8.3	100.0	88.2	11.8	100.0
10	Kottayam	86.8	13.2	100.0	74.1	25.9	100.0
11	Alappuzha	89.9	10.1	100.0	88.7	11.3	100.0
12	Pathanamthitta	61.3	38.7	100.0	48.3	51.7	100.0
13	Kollam	99.4	0.6	100.0	97.5	2.5	100.0
14	Thiruvananthapuram	98.8	1.2	100.0	87.5	12.5	100.0
	All	95.6	4.4	100.0	89.1	10.9	100.0

Table 14-B: Percentage distribution of man days worked by labourers engaged in “**Masonry Work**”.

Area of construction: 101 to 250 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	97.0	3.0	100.0	97.0	3.0	100.0
2	Kannur	96.4	3.6	100.0	96.4	3.6	100.0
3	Wayanad	81.4	18.6	100.0	86.3	13.7	100.0
4	Kozhikode	92.0	8.0	100.0	91.0	9.0	100.0
5	Malappuram	80.8	19.2	100.0	75.6	24.4	100.0
6	Palakkad	96.2	3.8	100.0	95.5	4.5	100.0
7	Thrissur	93.6	6.4	100.0	83.3	16.7	100.0
8	Ernakulam	90.4	9.6	100.0	62.2	37.8	100.0
9	Idukki	83.1	16.9	100.0	59.5	40.5	100.0
10	Kottayam	74.2	25.8	100.0	58.1	41.9	100.0
11	Alappuzha	89.9	10.1	100.0	79.7	20.3	100.0
12	Pathanamthitta	82.1	17.9	100.0	43.4	56.6	100.0
13	Kollam	99.7	0.3	100.0	91.6	8.4	100.0
14	Thiruvananthapuram	94.5	5.5	100.0	76.2	23.8	100.0
	All	92.3	7.7	100.0	80.4	19.6	100.0

Table 14-C: Percentage distribution of man days worked by labourers engaged in “**Masonry Work**”.

Area of construction: 251 to 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	87.9	12.1	100.0	81.5	18.5	100.0
2	Kannur	100.0	-	100.0	88.7	11.3	100.0
3	Wayanad	87.5	12.5	100.0	84.7	15.3	100.0
4	Kozhikode	93.5	6.5	100.0	86.3	13.7	100.0
5	Malappuram	83.1	16.9	100.0	71.9	28.1	100.0
6	Palakkad	84.8	15.2	100.0	87.6	12.4	100.0
7	Thrissur	82.7	17.3	100.0	74.4	25.6	100.0
8	Ernakulam	84.9	15.1	100.0	58.3	41.7	100.0
9	Idukki	82.1	17.9	100.0	57.2	42.8	100.0
10	Kottayam	80.7	19.3	100.0	58.4	41.6	100.0
11	Alappuzha	81.9	18.1	100.0	65.4	34.6	100.0
12	Pathanamthitta	88.5	11.5	100.0	58.4	41.6	100.0
13	Kollam	100.0	-	100.0	87.5	12.5	100.0
14	Thiruvananthapuram	84.3	15.7	100.0	68.1	31.9	100.0
	All	86.7	13.3	100.0	72.3	27.7	100.0

Table 14-D: Percentage distribution of man days worked by labourers engaged in “**Masonry Work**”.

Area of construction: Above 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	90.3	9.7	100.0	65.8	34.2	100.0
2	Kannur	89.5	10.5	100.0	28.8	71.2	100.0
3	Wayanad	29.9	70.1	100.0	21.1	78.9	100.0
4	Kozhikode	62.0	38.0	100.0	69.9	30.1	100.0
5	Malappuram	56.0	44.0	100.0	16.8	83.2	100.0
6	Palakkad	49.7	50.3	100.0	69.8	30.2	100.0
7	Thrissur	91.6	8.4	100.0	57.0	43.0	100.0
8	Ernakulam	66.1	33.9	100.0	61.4	38.6	100.0
9	Idukki	86.4	13.6	100.0	22.4	77.6	100.0
10	Kottayam	13.0	87.0	100.0	11.6	88.4	100.0
11	Alappuzha	86.8	13.2	100.0	20.2	79.8	100.0
12	Pathanamthitta	100.0	-	100.0	4.6	95.4	100.0
13	Kollam	91.6	8.4	100.0	55.8	44.2	100.0
14	Thiruvananthapuram	42.2	57.8	100.0	52.7	47.3	100.0
	All	70.8	29.2	100.0	48.2	51.8	100.0

Table 14-E: Percentage distribution of man days worked by labourers engaged in “**Masonry Work**”.

Area of construction: All.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	92.3	7.7	100.0	84.7	15.3	100.0
2	Kannur	95.5	4.5	100.0	74.0	26.0	100.0
3	Wayanad	69.4	30.6	100.0	55.1	44.9	100.0
4	Kozhikode	82.4	17.6	100.0	84.6	15.4	100.0
5	Malappuram	71.4	28.6	100.0	63.9	36.1	100.0
6	Palakkad	80.8	19.2	100.0	90.4	9.6	100.0
7	Thrissur	91.2	8.8	100.0	72.8	27.2	100.0
8	Ernakulam	77.9	22.1	100.0	62.8	37.2	100.0
9	Idukki	86.0	14.0	100.0	38.0	62.0	100.0
10	Kottayam	61.6	38.4	100.0	48.7	51.3	100.0
11	Alappuzha	87.6	12.4	100.0	68.7	31.3	100.0
12	Pathanamthitta	85.5	14.5	100.0	29.7	70.3	100.0
13	Kollam	96.8	3.2	100.0	80.0	20.0	100.0
14	Thiruvananthapuram	81.1	18.9	100.0	71.0	29.0	100.0
	All	83.9	16.1	100.0	69.5	30.5	100.0

Table 15-A: Percentage distribution of man days worked by labourers engaged in “Concrete Work”.

Area of construction: 50 to 100 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	95.2	4.8	100.0	90.2	9.8	100.0
2	Kannur	96.6	3.4	100.0	93.5	6.5	100.0
3	Wayanad	92.5	7.5	100.0	74.2	25.8	100.0
4	Kozhikode	99.0	1.0	100.0	87.3	12.7	100.0
5	Malappuram	81.7	18.3	100.0	64.4	35.6	100.0
6	Palakkad	97.1	2.9	100.0	83.8	16.2	100.0
7	Thrissur	99.6	0.4	100.0	94.1	5.9	100.0
8	Ernakulam	89.8	10.2	100.0	65.7	34.3	100.0
9	Idukki	98.9	1.1	100.0	84.6	15.4	100.0
10	Kottayam	87.2	12.8	100.0	78.7	21.3	100.0
11	Alappuzha	89.1	10.9	100.0	81.5	18.5	100.0
12	Pathanamthitta	82.4	17.6	100.0	52.1	47.9	100.0
13	Kollam	99.8	0.2	100.0	95.2	4.8	100.0
14	Thiruvananthapuram	91.2	8.8	100.0	80.5	19.5	100.0
	All	92.9	7.1	100.0	80.4	19.6	100.0

Table 15-B: Percentage distribution of man days worked by labourers engaged in “**Concrete Work**”.

Area of construction: 101 to 250 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	96.3	3.7	100.0	82.2	17.8	100.0
2	Kannur	96.0	4.0	100.0	86.3	13.7	100.0
3	Wayanad	89.8	10.2	100.0	58.9	41.1	100.0
4	Kozhikode	92.0	8.0	100.0	78.7	21.3	100.0
5	Malappuram	73.8	26.2	100.0	51.2	48.8	100.0
6	Palakkad	97.7	2.3	100.0	78.1	21.9	100.0
7	Thrissur	95.4	4.6	100.0	83.2	16.8	100.0
8	Ernakulam	85.5	14.5	100.0	58.4	41.6	100.0
9	Idukki	90.9	9.1	100.0	48.2	51.8	100.0
10	Kottayam	83.7	16.3	100.0	63.7	36.3	100.0
11	Alappuzha	88.4	11.6	100.0	79.7	20.3	100.0
12	Pathanamthitta	84.3	15.7	100.0	49.1	50.9	100.0
13	Kollam	99.8	0.2	100.0	91.4	8.6	100.0
14	Thiruvananthapuram	89.7	10.3	100.0	71.0	29.0	100.0
	All	89.6	10.4	100.0	71.7	28.3	100.0

Table 15-C: Percentage distribution of man days worked by labourers engaged in “**Concrete Work**”.

Area of construction: 251 to 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	89.5	10.5	100.0	76.8	23.2	100.0
2	Kannur	94.7	5.3	100.0	87.7	12.3	100.0
3	Wayanad	85.9	14.1	100.0	74.0	26.0	100.0
4	Kozhikode	94.2	5.8	100.0	79.3	20.7	100.0
5	Malappuram	76.5	23.5	100.0	52.8	47.2	100.0
6	Palakkad	88.8	11.2	100.0	76.8	23.2	100.0
7	Thrissur	83.0	17.0	100.0	67.8	32.2	100.0
8	Ernakulam	83.8	16.2	100.0	46.6	53.4	100.0
9	Idukki	74.6	25.4	100.0	51.4	48.6	100.0
10	Kottayam	83.8	16.2	100.0	53.5	46.5	100.0
11	Alappuzha	66.4	33.6	100.0	70.6	29.4	100.0
12	Pathanamthitta	93.8	6.2	100.0	44.5	55.5	100.0
13	Kollam	100.0	-	100.0	83.8	16.2	100.0
14	Thiruvananthapuram	82.3	17.7	100.0	61.5	38.5	100.0
	All	84.6	15.4	100.0	65.2	34.8	100.0

Table 15-D: Percentage distribution of man days worked by labourers engaged in “Concrete Work”.

Area of construction: Above 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	88.9	11.1	100.0	64.0	36.0	100.0
2	Kannur	87.7	12.3	100.0	41.8	58.2	100.0
3	Wayanad	42.9	57.1	100.0	40.0	60.0	100.0
4	Kozhikode	69.2	30.8	100.0	57.5	42.5	100.0
5	Malappuram	71.3	28.7	100.0	9.7	90.3	100.0
6	Palakkad	44.2	55.8	100.0	56.9	43.1	100.0
7	Thrissur	77.8	22.2	100.0	30.9	69.1	100.0
8	Ernakulam	54.7	45.3	100.0	37.4	62.6	100.0
9	Idukki	82.9	17.1	100.0	48.0	52.0	100.0
10	Kottayam	45.7	54.3	100.0	3.3	96.7	100.0
11	Alappuzha	80.6	19.4	100.0	2.5	97.5	100.0
12	Pathanamthitta	96.1	3.9	100.0	5.2	94.8	100.0
13	Kollam	87.0	13.0	100.0	46.1	53.9	100.0
14	Thiruvananthapuram	47.7	52.3	100.0	39.7	60.3	100.0
	All	67.9	32.1	100.0	38.4	61.6	100.0

Table 15-E: Percentage distribution of man days worked by labourers engaged in “**Concrete Work**”.

Area of construction: All.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	91.8	8.2	100.0	75.0	25.0	100.0
2	Kannur	93.8	6.2	100.0	77.6	22.4	100.0
3	Wayanad	70.7	29.3	100.0	58.2	41.8	100.0
4	Kozhikode	85.0	15.0	100.0	73.9	26.1	100.0
5	Malappuram	74.3	25.7	100.0	44.6	55.4	100.0
6	Palakkad	77.2	22.8	100.0	75.4	24.6	100.0
7	Thrissur	85.8	14.2	100.0	59.3	40.7	100.0
8	Ernakulam	69.5	30.5	100.0	45.8	54.2	100.0
9	Idukki	83.9	16.1	100.0	50.3	49.7	100.0
10	Kottayam	69.1	30.9	100.0	44.9	55.1	100.0
11	Alappuzha	81.9	18.1	100.0	65.1	34.9	100.0
12	Pathanamthitta	91.6	8.4	100.0	26.6	73.4	100.0
13	Kollam	95.2	4.8	100.0	77.2	22.8	100.0
14	Thiruvananthapuram	76.5	23.5	100.0	60.3	39.7	100.0
	All	80.2	19.8	100.0	59.3	40.7	100.0

Table 16-A: Percentage distribution of man days worked by labourers engaged in “**Carpentry Work**”.

Area of construction: 50 to 100 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	100.0	-	100.0	100.0	-	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	100.0	-	100.0
5	Malappuram	100.0	-	100.0	100.0	-	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	99.2	0.8	100.0	97.3	2.7	100.0
8	Ernakulam	99.1	0.9	100.0	99.4	0.6	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	99.4	0.6	100.0	100.0	-	100.0
12	Pathanamthitta	100.0	-	100.0	86.8	13.2	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	100.0	-	100.0	99.5	0.5	100.0
	All	99.8	0.2	100.0	99.4	0.6	100.0

Table 16-B: Percentage distribution of man days worked by labourers engaged in “Carpentry Work”.

Area of construction: 101 to 250 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	99.0	1.0	100.0	97.7	2.3	100.0
2	Kannur	98.1	1.9	100.0	100.0	-	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	99.2	0.8	100.0
5	Malappuram	100.0	-	100.0	100.0	-	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	99.8	0.2	100.0	98.4	1.6	100.0
8	Ernakulam	99.4	0.6	100.0	97.2	2.8	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	99.3	0.7	100.0	100.0	-	100.0
12	Pathanamthitta	95.4	4.6	100.0	72.8	27.2	100.0
13	Kollam	99.5	0.5	100.0	99.7	0.3	100.0
14	Thiruvananthapuram	99.6	0.4	100.0	98.9	1.1	100.0
	All	99.5	0.5	100.0	98.7	1.3	100.0

Table 16-C: Percentage distribution of man days worked by labourers engaged in “Carpentry Work”.

Area of construction: 251 to 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	94.6	5.4	100.0	100.0	-	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	90.4	9.6	100.0
5	Malappuram	100.0	-	100.0	100.0	-	100.0
6	Palakkad	87.8	12.2	100.0	100.0	-	100.0
7	Thrissur	100.0	-	100.0	98.7	1.3	100.0
8	Ernakulam	100.0	-	100.0	98.5	1.5	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	98.1	1.9	100.0	56.1	43.9	100.0
12	Pathanamthitta	100.0	-	100.0	100.0	-	100.0
13	Kollam	100.0	-	100.0	82.8	17.2	100.0
14	Thiruvananthapuram	100.0	-	100.0	100.0	-	100.0
	All	99.1	0.9	100.0	96.4	3.6	100.0

Table 16-D: Percentage distribution of man days worked by labourers engaged in “Carpentry Work”.

Area of construction: Above 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	100.0	-	100.0	100.0	-	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	100.0	-	100.0
5	Malappuram	98.8	1.2	100.0	90.0	10.0	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	100.0	-	100.0	96.0	4.0	100.0
8	Ernakulam	57.2	42.8	100.0	51.2	48.8	100.0
9	Idukki	100.0	-	100.0	-	-	-
10	Kottayam	100.0	-	100.0	-	100.0	100.0
11	Alappuzha	100.0	-	100.0	-	-	-
12	Pathanamthitta	100.0	-	100.0	-	100.0	100.0
13	Kollam	100.0	-	100.0	76.8	23.2	100.0
14	Thiruvananthapuram	46.1	53.9	100.0	98.1	1.9	100.0
	All	85.0	15.0	100.0	66.2	33.8	100.0

Table 16-E: Percentage distribution of man days worked by labourers engaged in “Carpentry Work”.

Area of construction: All.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	99.5	0.5	100.0	98.6	1.4	100.0
2	Kannur	98.0	2.0	100.0	100.0	-	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	98.1	1.9	100.0
5	Malappuram	99.6	0.4	100.0	98.7	1.3	100.0
6	Palakkad	98.4	1.6	100.0	100.0	-	100.0
7	Thrissur	99.8	0.2	100.0	97.3	2.7	100.0
8	Ernakulam	82.4	17.6	100.0	72.1	27.9	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	24.6	75.4	100.0
11	Alappuzha	99.1	0.9	100.0	85.9	14.1	100.0
12	Pathanamthitta	98.7	1.3	100.0	38.1	61.9	100.0
13	Kollam	99.8	0.2	100.0	94.0	6.0	100.0
14	Thiruvananthapuram	88.7	11.3	100.0	98.9	1.1	100.0
	All	95.6	4.4	100.0	87.0	13.0	100.0

Table 17-A: Percentage distribution of man days worked by labourers engaged in “**Flooring Work**”.

Area of construction: 50 to 100 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	88.7	11.3	100.0	82.4	17.6	100.0
2	Kannur	91.6	8.4	100.0	86.1	13.9	100.0
3	Wayanad	94.5	5.5	100.0	93.3	6.8	100.0
4	Kozhikode	97.2	2.8	100.0	98.3	1.7	100.0
5	Malappuram	94.5	5.5	100.0	86.2	13.8	100.0
6	Palakkad	98.5	1.5	100.0	98.3	1.7	100.0
7	Thrissur	96.8	3.2	100.0	89.2	10.8	100.0
8	Ernakulam	98.4	1.6	100.0	89.4	10.6	100.0
9	Idukki	97.0	3.0	100.0	93.3	6.7	100.0
10	Kottayam	96.3	3.7	100.0	98.8	1.2	100.0
11	Alappuzha	94.7	5.3	100.0	95.2	4.8	100.0
12	Pathanamthitta	89.8	10.2	100.0	70.7	29.3	100.0
13	Kollam	99.8	0.2	100.0	98.6	1.4	100.0
14	Thiruvananthapuram	97.0	3.0	100.0	88.5	11.5	100.0
	All	96.5	3.5	100.0	92.1	7.9	100.0

Table 17-B: Percentage distribution of man days worked by labourers engaged in “**Flooring Work**”.

Area of construction: 101 to 250 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	40.9	59.1	100.0	44.5	55.5	100.0
2	Kannur	92.9	7.1	100.0	91.7	8.3	100.0
3	Wayanad	57.8	42.2	100.0	78.8	21.2	100.0
4	Kozhikode	76.9	23.1	100.0	84.5	15.5	100.0
5	Malappuram	73.5	26.5	100.0	70.2	29.8	100.0
6	Palakkad	76.4	23.6	100.0	69.1	30.9	100.0
7	Thrissur	96.7	3.3	100.0	86.4	13.6	100.0
8	Ernakulam	97.9	2.1	100.0	79.8	20.2	100.0
9	Idukki	95.1	4.9	100.0	81.3	18.7	100.0
10	Kottayam	89.4	10.6	100.0	88.9	11.1	100.0
11	Alappuzha	93.7	6.3	100.0	95.4	4.6	100.0
12	Pathanamthitta	87.7	12.3	100.0	78.9	21.1	100.0
13	Kollam	99.3	0.7	100.0	96.0	4.0	100.0
14	Thiruvananthapuram	96.7	3.3	100.0	87.0	13.0	100.0
	All	86.8	13.2	100.0	82.2	17.8	100.0

Table 17-C: Percentage distribution of man days worked by labourers engaged in “**Flooring Work**”.

Area of construction: 251 to 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	35.3	64.7	100.0	30.8	69.2	100.0
2	Kannur	68.2	31.8	100.0	58.9	41.1	100.0
3	Wayanad	58.3	41.7	100.0	79.2	20.8	100.0
4	Kozhikode	85.4	14.6	100.0	82.9	17.1	100.0
5	Malappuram	79.8	20.2	100.0	56.7	43.3	100.0
6	Palakkad	68.2	31.8	100.0	72.3	27.7	100.0
7	Thrissur	94.7	5.3	100.0	81.5	18.5	100.0
8	Ernakulam	91.0	9.0	100.0	61.2	38.8	100.0
9	Idukki	95.6	4.4	100.0	69.6	30.4	100.0
10	Kottayam	91.8	8.2	100.0	91.9	8.1	100.0
11	Alappuzha	63.3	36.7	100.0	66.0	34.0	100.0
12	Pathanamthitta	94.8	5.2	100.0	69.8	30.2	100.0
13	Kollam	100.0	-	100.0	96.2	3.8	100.0
14	Thiruvananthapuram	95.6	4.4	100.0	90.2	9.8	100.0
	All	83.6	16.4	100.0	71.9	28.1	100.0

Table 17-D: Percentage distribution of man days worked by labourers engaged in “**Flooring Work**”.

Area of construction: Above 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	53.1	46.9	100.0	45.9	54.1	100.0
2	Kannur	63.8	36.2	100.0	76.1	23.9	100.0
3	Wayanad	6.2	93.8	100.0	5.6	94.4	100.0
4	Kozhikode	59.7	40.3	100.0	54.3	45.7	100.0
5	Malappuram	57.4	42.6	100.0	22.8	77.2	100.0
6	Palakkad	51.1	48.9	100.0	73.4	26.6	100.0
7	Thrissur	83.9	16.1	100.0	63.1	36.9	100.0
8	Ernakulam	77.1	22.9	100.0	49.9	50.1	100.0
9	Idukki	97.6	2.4	100.0	24.1	75.9	100.0
10	Kottayam	12.4	87.6	100.0	10.2	89.8	100.0
11	Alappuzha	59.5	40.5	100.0	44.7	55.3	100.0
12	Pathanamthitta	100.0	-	100.0	8.7	91.3	100.0
13	Kollam	93.0	7.0	100.0	75.0	25.0	100.0
14	Thiruvananthapuram	43.9	56.1	100.0	41.6	58.4	100.0
	All	69.2	30.8	100.0	41.6	58.4	100.0

Table 17-E: Percentage distribution of man days worked by labourers engaged in “**Flooring Work**”.

Area of construction: All.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	50.4	49.6	100.0	46.8	53.2	100.0
2	Kannur	83.5	16.5	100.0	82.7	17.3	100.0
3	Wayanad	19.7	80.3	100.0	17.8	82.2	100.0
4	Kozhikode	74.4	25.6	100.0	76.9	23.1	100.0
5	Malappuram	67.2	32.8	100.0	53.9	46.1	100.0
6	Palakkad	70.5	29.5	100.0	76.5	23.5	100.0
7	Thrissur	91.2	8.8	100.0	75.1	24.9	100.0
8	Ernakulam	87.5	12.5	100.0	60.2	39.8	100.0
9	Idukki	97.3	2.7	100.0	37.0	63.0	100.0
10	Kottayam	49.2	50.8	100.0	46.2	53.8	100.0
11	Alappuzha	81.5	18.5	100.0	83.4	16.6	100.0
12	Pathanamthitta	95.0	5.0	100.0	45.6	54.4	100.0
13	Kollam	97.7	2.3	100.0	89.3	10.7	100.0
14	Thiruvananthapuram	85.7	14.3	100.0	76.8	23.2	100.0
	All	79.5	20.5	100.0	64.1	35.9	100.0

Table 18-A: Percentage distribution of man days worked by labourers engaged in “**Electrical Work**”.

Area of construction: 50 to 100 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	100.0	-	100.0	100.0	-	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	100.0	-	100.0
5	Malappuram	100.0	-	100.0	97.8	2.2	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	99.5	0.5	100.0	98.8	1.2	100.0
8	Ernakulam	100.0	-	100.0	99.5	0.5	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	99.3	0.7	100.0	100.0	-	100.0
12	Pathanamthitta	100.0	-	100.0	88.1	11.9	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	100.0	-	100.0	99.9	0.1	100.0
	All	99.9	0.1	100.0	99.3	0.7	100.0

Table 18-B: Percentage distribution of man days worked by labourers engaged in “Electrical Work”.

Area of construction: 101 to 250 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	100.0	-	100.0	99.2	0.8	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	100.0	-	100.0
5	Malappuram	100.0	-	100.0	96.4	3.6	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	99.7	0.3	100.0	98.3	1.7	100.0
8	Ernakulam	99.7	0.3	100.0	99.2	0.8	100.0
9	Idukki	100.0	-	100.0	37.1	62.9	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	99.8	0.2	100.0	99.0	1.0	100.0
12	Pathanamthitta	99.2	0.8	100.0	96.4	3.6	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	99.7	0.3	100.0	99.4	0.6	100.0
	All	99.9	0.1	100.0	99.0	1.0	100.0

Table 18-C: Percentage distribution of man days worked by labourers engaged in “Electrical Work”.

Area of construction: 251 to 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	100.0	-	100.0	100.0	-	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	95.2	4.8	100.0
5	Malappuram	100.0	-	100.0	88.9	11.1	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	100.0	-	100.0	98.4	1.6	100.0
8	Ernakulam	100.0	-	100.0	97.6	2.4	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	100.0	-	100.0	100.0	-	100.0
12	Pathanamthitta	100.0	-	100.0	88.5	11.5	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	100.0	-	100.0	100.0	-	100.0
	All	100.0	-	100.0	97.2	2.8	100.0

Table 18-D: Percentage distribution of man days worked by labourers engaged in “**Electrical Work**”.

Area of construction: Above 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	100.0	-	100.0	42.0	58.0	100.0
3	Wayanad	54.9	45.1	100.0	48.3	51.7	100.0
4	Kozhikode	100.0	-	100.0	100.0	-	100.0
5	Malappuram	100.0	-	100.0	83.3	16.7	100.0
6	Palakkad	85.8	14.2	100.0	79.3	20.7	100.0
7	Thrissur	100.0	-	100.0	94.1	5.9	100.0
8	Ernakulam	95.7	4.3	100.0	89.8	10.2	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	100.0	-	100.0	100.0	-	100.0
12	Pathanamthitta	100.0	-	100.0	11.3	88.8	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	47.8	52.2	100.0	31.0	69.0	100.0
	All	94.4	5.6	100.0	82.9	17.1	100.0

Table 18-E: Percentage distribution of man days worked by labourers engaged in “Electrical Work”.

Area of construction: All.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	100.0	-	100.0	93.2	6.8	100.0
3	Wayanad	75.9	24.1	100.0	56.1	43.9	100.0
4	Kozhikode	100.0	-	100.0	98.9	1.1	100.0
5	Malappuram	100.0	-	100.0	91.7	8.3	100.0
6	Palakkad	95.9	4.1	100.0	95.7	4.3	100.0
7	Thrissur	99.9	0.1	100.0	96.3	3.7	100.0
8	Ernakulam	97.8	2.2	100.0	93.8	6.2	100.0
9	Idukki	100.0	-	100.0	84.7	15.3	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	99.7	0.3	100.0	99.6	0.4	100.0
12	Pathanamthitta	99.8	0.2	100.0	59.9	40.1	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	89.0	11.0	100.0	80.7	19.3	100.0
	All	97.8	2.2	100.0	92.5	7.5	100.0

Table 19-A: Percentage distribution of man days worked by labourers engaged in “**Plumbing Work**”.

Area of construction: 50 to 100 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	100.0	-	100.0	100.0	-	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	100.0	-	100.0
5	Malappuram	100.0	-	100.0	97.2	2.8	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	99.4	0.6	100.0	98.6	1.4	100.0
8	Ernakulam	100.0	-	100.0	99.8	0.2	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	99.7	0.3	100.0	99.7	0.3	100.0
12	Pathanamthitta	100.0	-	100.0	87.1	12.9	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	100.0	-	100.0	99.6	0.4	100.0
	All	99.9	0.1	100.0	99.2	0.8	100.0

Table 19-B: Percentage distribution of man days worked by labourers engaged in “**Plumbing Work**”.

Area of construction: 101 to 250 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	100.0	-	100.0	99.3	0.7	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	100.0	-	100.0
5	Malappuram	100.0	-	100.0	96.0	4.0	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	99.7	0.3	100.0	97.5	2.5	100.0
8	Ernakulam	100.0	-	100.0	99.0	1.0	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	99.6	0.4	100.0	97.5	2.5	100.0
12	Pathanamthitta	99.0	1.0	100.0	91.1	8.9	100.0
13	Kollam	100.0	-	100.0	99.8	0.2	100.0
14	Thiruvananthapuram	99.3	0.7	100.0	97.7	2.3	100.0
	All	99.8	0.2	100.0	98.6	1.4	100.0

Table 19-C: Percentage distribution of man days worked by labourers engaged in “**Plumbing Work**”.

Area of construction: 251 to 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	100.0	-	100.0	100.0	-	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	95.3	4.7	100.0
5	Malappuram	100.0	-	100.0	86.7	13.3	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	100.0	-	100.0	96.5	3.5	100.0
8	Ernakulam	100.0	-	100.0	99.1	0.9	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	98.4	1.6	100.0	97.5	2.5	100.0
12	Pathanamthitta	100.0	-	100.0	87.5	12.5	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	100.0	-	100.0	100.0	-	100.0
	All	99.8	0.2	100.0	97.4	2.6	100.0

Table 19-D: Percentage distribution of man days worked by labourers engaged in “**Plumbing Work**”.

Area of construction: Above 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	100.0	-	100.0	23.1	76.9	100.0
3	Wayanad	52.5	47.5	100.0	47.9	52.1	100.0
4	Kozhikode	100.0	-	100.0	100.0	-	100.0
5	Malappuram	100.0	-	100.0	65.4	34.6	100.0
6	Palakkad	100.0	-	100.0	75.1	24.9	100.0
7	Thrissur	100.0	-	100.0	91.7	8.3	100.0
8	Ernakulam	88.7	11.3	100.0	82.8	17.2	100.0
9	Idukki	100.0	-	100.0	15.8	84.2	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	100.0	-	100.0	69.7	30.3	100.0
12	Pathanamthitta	100.0	-	100.0	45.5	54.5	100.0
13	Kollam	100.0	-	100.0	78.3	21.7	100.0
14	Thiruvananthapuram	50.9	49.1	100.0	46.6	53.4	100.0
	All	94.5	5.5	100.0	72.7	27.3	100.0

Table 19-E: Percentage distribution of man days worked by labourers engaged in “**Plumbing Work**”.

Area of construction: All.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	100.0	-	100.0	91.1	8.9	100.0
3	Wayanad	67.8	32.2	100.0	52.6	47.4	100.0
4	Kozhikode	100.0	-	100.0	99.0	1.0	100.0
5	Malappuram	100.0	-	100.0	85.9	14.1	100.0
6	Palakkad	100.0	-	100.0	93.7	6.3	100.0
7	Thrissur	99.8	0.2	100.0	94.5	5.5	100.0
8	Ernakulam	95.6	4.4	100.0	91.5	8.5	100.0
9	Idukki	100.0	-	100.0	25.2	74.8	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	99.3	0.7	100.0	95.3	4.7	100.0
12	Pathanamthitta	99.7	0.3	100.0	65.4	34.6	100.0
13	Kollam	100.0	-	100.0	94.7	5.3	100.0
14	Thiruvananthapuram	89.9	10.1	100.0	86.4	13.6	100.0
	All	97.7	2.3	100.0	88.1	11.9	100.0

Table 20-A: Percentage distribution of man days worked by labourers engaged in "**Painting Work**".

Area of construction: 50 to 100 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	100.0	-	100.0	100.0	-	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	97.0	3.0	100.0
5	Malappuram	100.0	-	100.0	100.0	-	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	100.0	-	100.0	99.2	0.8	100.0
8	Ernakulam	98.9	1.1	100.0	93.0	7.0	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	99.2	0.8	100.0	100.0	-	100.0
12	Pathanamthitta	96.6	3.4	100.0	91.9	8.1	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	99.8	0.2	100.0	98.3	1.7	100.0
	All	99.7	0.3	100.0	97.8	2.2	100.0

Table 20-B: Percentage distribution of man days worked by labourers engaged in “**Painting Work**”.

Area of construction: 101 to 250 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	99.6	0.4	100.0	98.9	1.1	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	98.9	1.1	100.0
5	Malappuram	100.0	-	100.0	100.0	-	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	99.7	0.3	100.0	97.9	2.1	100.0
8	Ernakulam	98.9	1.1	100.0	95.4	4.6	100.0
9	Idukki	93.2	6.8	100.0	51.4	48.6	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	100.0	-	100.0	100.0	-	100.0
12	Pathanamthitta	96.6	3.4	100.0	79.0	21.0	100.0
13	Kollam	100.0	-	100.0	97.1	2.9	100.0
14	Thiruvananthapuram	99.4	0.6	100.0	98.3	1.7	100.0
	All	99.4	0.6	100.0	96.7	3.3	100.0

Table 20-C: Percentage distribution of man days worked by labourers engaged in "**Painting Work**".

Area of construction: 251 to 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	85.5	14.5	100.0	82.3	17.7	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	94.2	5.8	100.0
5	Malappuram	91.4	8.6	100.0	86.3	13.7	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	100.0	-	100.0	100.0	-	100.0
8	Ernakulam	98.8	1.2	100.0	85.1	14.9	100.0
9	Idukki	98.4	1.6	100.0	74.3	25.7	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	66.2	33.8	100.0	59.5	40.5	100.0
12	Pathanamthitta	96.5	3.5	100.0	89.8	10.2	100.0
13	Kollam	100.0	-	100.0	81.7	18.3	100.0
14	Thiruvananthapuram	95.3	4.7	100.0	95.5	4.5	100.0
	All	95.8	4.2	100.0	89.8	10.2	100.0

Table 20-D: Percentage distribution of man days worked by labourers engaged in “**Painting Work**”.

Area of construction: Above 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	96.7	3.3	100.0	100.0	-	100.0
2	Kannur	80.5	19.5	100.0	100.0	-	100.0
3	Wayanad	15.6	84.4	100.0	1.6	98.4	100.0
4	Kozhikode	100.0	-	100.0	93.6	6.4	100.0
5	Malappuram	83.9	16.1	100.0	100.0	-	100.0
6	Palakkad	100.0	-	100.0	73.8	26.2	100.0
7	Thrissur	96.5	3.5	100.0	84.3	15.7	100.0
8	Ernakulam	65.0	35.0	100.0	75.2	24.8	100.0
9	Idukki	80.7	19.3	100.0	15.6	84.4	100.0
10	Kottayam	100.0	-	100.0	1.8	98.2	100.0
11	Alappuzha	100.0	-	100.0	100.0	-	100.0
12	Pathanamthitta	100.0	-	100.0	-	100.0	100.0
13	Kollam	100.0	-	100.0	14.0	86.0	100.0
14	Thiruvananthapuram	44.9	55.1	100.0	35.8	64.2	100.0
	All	80.2	19.8	100.0	49.0	51.0	100.0

Table 20-E: Percentage distribution of man days worked by labourers engaged in “**Painting Work**”.

Area of construction: All.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	98.7	1.3	100.0	100.0	-	100.0
2	Kannur	92.1	7.9	100.0	96.0	4.0	100.0
3	Wayanad	50.2	49.8	100.0	9.4	90.6	100.0
4	Kozhikode	100.0	-	100.0	96.6	3.4	100.0
5	Malappuram	94.1	5.9	100.0	96.6	3.4	100.0
6	Palakkad	100.0	-	100.0	94.2	5.8	100.0
7	Thrissur	98.7	1.3	100.0	93.4	6.6	100.0
8	Ernakulam	83.7	16.3	100.0	83.3	16.7	100.0
9	Idukki	83.8	16.2	100.0	39.4	60.6	100.0
10	Kottayam	100.0	-	100.0	30.2	69.8	100.0
11	Alappuzha	89.3	10.7	100.0	84.1	15.9	100.0
12	Pathanamthitta	98.1	1.9	100.0	47.6	52.4	100.0
13	Kollam	100.0	-	100.0	65.5	34.5	100.0
14	Thiruvananthapuram	88.2	11.8	100.0	77.8	22.2	100.0
	All	91.8	8.2	100.0	75.6	24.4	100.0

Table 21-A: Percentage distribution of man days worked by labourers engaged in “**Interior Decoration**”.

Area of construction: 50 to 100 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	100.0	-	100.0	-	-	-
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	100.0	-	100.0
5	Malappuram	100.0	-	100.0	100.0	-	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	100.0	-	100.0	100.0	-	100.0
8	Ernakulam	99.4	0.6	100.0	100.0	-	100.0
9	Idukki	100.0	-	100.0	-	-	-
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	100.0	-	100.0	100.0	-	100.0
12	Pathanamthitta	100.0	-	100.0	100.0	-	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	100.0	-	100.0	100.0	-	100.0
	All	99.9	0.1	100.0	100.0	-	100.0

Table 21-B: Percentage distribution of man days worked by labourers engaged in “Interior Decoration”.

Area of construction: 101 to 250 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	90.1	9.9	100.0	100.0	-	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	100.0	-	100.0	100.0	-	100.0
5	Malappuram	97.1	2.9	100.0	74.8	25.2	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	99.4	0.6	100.0	95.5	4.5	100.0
8	Ernakulam	100.0	-	100.0	100.0	-	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	100.0	-	100.0	100.0	-	100.0
12	Pathanamthitta	100.0	-	100.0	89.0	11.0	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	100.0	-	100.0	100.0	-	100.0
	All	99.5	0.5	100.0	96.6	3.4	100.0

Table 21-C: Percentage distribution of man days worked by labourers engaged in “Interior Decoration”.

Area of construction: 251 to 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	51.0	49.0	100.0	75.8	24.2	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	96.8	3.2	100.0	100.0	-	100.0
5	Malappuram	100.0	-	100.0	100.0	-	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	96.9	3.1	100.0	95.0	5.0	100.0
8	Ernakulam	100.0	-	100.0	98.3	1.7	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	94.8	5.2	100.0	90.7	9.3	100.0
12	Pathanamthitta	100.0	-	100.0	75.8	24.2	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	100.0	-	100.0	100.0	-	100.0
	All	97.3	2.7	100.0	97.2	2.8	100.0

Table 21-D: Percentage distribution of man days worked by labourers engaged in “Interior Decoration”.

Area of construction: Above 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	81.6	18.4	100.0	-	-	-
3	Wayanad	2.8	97.2	100.0	1.2	98.8	100.0
4	Kozhikode	91.0	9.0	100.0	100.0	-	100.0
5	Malappuram	78.6	21.4	100.0	31.0	69.0	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	77.0	23.0	100.0	73.4	26.6	100.0
8	Ernakulam	97.9	2.1	100.0	91.6	8.4	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	100.0	-	100.0	100.0	-	100.0
12	Pathanamthitta	100.0	-	100.0	-	100.0	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	44.2	55.8	100.0	28.5	71.5	100.0
	All	81.4	18.6	100.0	61.6	38.4	100.0

Table 21-E: Percentage distribution of man days worked by labourers engaged in “Interior Decoration”.

Area of construction: All.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	75.4	24.6	100.0	84.9	15.1	100.0
3	Wayanad	13.8	86.2	100.0	6.4	93.6	100.0
4	Kozhikode	97.2	2.8	100.0	100.0	-	100.0
5	Malappuram	90.4	9.6	100.0	71.0	29.0	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	83.4	16.6	100.0	78.5	21.5	100.0
8	Ernakulam	99.1	0.9	100.0	94.1	5.9	100.0
9	Idukki	100.0	-	100.0	100.0	-	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	98.5	1.5	100.0	96.4	3.6	100.0
12	Pathanamthitta	100.0	-	100.0	52.4	47.6	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	80.5	19.5	100.0	71.1	28.9	100.0
	All	91.0	9.0	100.0	80.4	19.6	100.0

Table 22: Percentage distribution of man days worked by labourers engaged in “**Gardening & Landscaping**”.

Area of construction: All.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	87.6	12.4	100.0	96.8	3.2	100.0
3	Wayanad	-	100.0	100.0	-	100.0	100.0
4	Kozhikode	94.3	5.7	100.0	92.9	7.1	100.0
5	Malappuram	54.0	46.0	100.0	42.5	57.5	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	90.9	9.1	100.0	100.0	-	100.0
8	Ernakulam	90.3	9.7	100.0	60.8	39.2	100.0
9	Idukki	100.0	-	100.0	87.7	12.3	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	88.4	11.6	100.0	75.0	25.0	100.0
12	Pathanamthitta	100.0	-	100.0	8.7	91.3	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	39.4	60.6	100.0	31.5	68.5	100.0
	All	69.0	31.0	100.0	41.5	58.5	100.0

Table 23-A: Percentage distribution of man days worked by labourers engaged in “**Tiling and Paving**”.

Area of construction: 50 to 100 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	100.0	-	100.0
2	Kannur	100.0	-	100.0	100.0	-	100.0
3	Wayanad	-	-	-	-	-	-
4	Kozhikode	100.0	-	100.0	100.0	-	100.0
5	Malappuram	22.0	78.0	100.0	5.3	94.7	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	100.0	-	100.0	90.7	9.3	100.0
8	Ernakulam	86.5	13.5	100.0	85.9	14.1	100.0
9	Idukki	100.0	-	100.0	-	-	-
10	Kottayam	100.0	-	100.0	-	-	-
11	Alappuzha	100.0	-	100.0	100.0	-	100.0
12	Pathanamthitta	100.0	-	100.0	50.0	50.0	100.0
13	Kollam	100.0	-	100.0	95.6	4.4	100.0
14	Thiruvananthapuram	76.0	24.0	100.0	79.4	20.6	100.0
	All	85.1	14.9	100.0	77.8	22.2	100.0

Table 23-B: Percentage distribution of man days worked by labourers engaged in “**Tiling and Paving**”.

Area of construction: 101 to 250 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	81.7	18.3	100.0	87.1	12.9	100.0
2	Kannur	100.0	-	100.0	100.0	-	100.0
3	Wayanad	33.3	66.7	100.0	33.3	66.7	100.0
4	Kozhikode	95.5	4.5	100.0	86.3	13.7	100.0
5	Malappuram	65.5	34.5	100.0	54.5	45.5	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	100.0	-	100.0	80.0	20.0	100.0
8	Ernakulam	92.1	7.9	100.0	79.6	20.4	100.0
9	Idukki	75.8	24.2	100.0	68.8	31.3	100.0
10	Kottayam	100.0	-	100.0	100.0	-	100.0
11	Alappuzha	99.0	1.0	100.0	100.0	-	100.0
12	Pathanamthitta	93.5	6.5	100.0	48.1	51.9	100.0
13	Kollam	97.6	2.4	100.0	97.7	2.3	100.0
14	Thiruvananthapuram	93.0	7.0	100.0	83.5	16.5	100.0
	All	92.9	7.1	100.0	83.4	16.6	100.0

Table 23-C: Percentage distribution of man days worked by labourers engaged in “**Tiling and Paving**”.

Area of construction: 251 to 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	80.1	19.9	100.0	67.4	32.6	100.0
2	Kannur	100.0	-	100.0	100.0	-	100.0
3	Wayanad	100.0	-	100.0	100.0	-	100.0
4	Kozhikode	90.5	9.5	100.0	83.2	16.8	100.0
5	Malappuram	77.1	22.9	100.0	58.4	41.6	100.0
6	Palakkad	100.0	-	100.0	100.0	-	100.0
7	Thrissur	100.0	-	100.0	75.9	24.1	100.0
8	Ernakulam	87.7	12.3	100.0	87.9	12.1	100.0
9	Idukki	97.6	2.4	100.0	53.3	46.7	100.0
10	Kottayam	100.0	-	100.0	76.3	23.7	100.0
11	Alappuzha	97.0	3.0	100.0	95.3	4.7	100.0
12	Pathanamthitta	87.2	12.8	100.0	70.5	29.5	100.0
13	Kollam	100.0	-	100.0	80.8	19.2	100.0
14	Thiruvananthapuram	87.0	13.0	100.0	76.3	23.7	100.0
	All	92.0	8.0	100.0	81.0	19.0	100.0

Table 23-D: Percentage distribution of man days worked by labourers engaged in “**Tiling and Paving**”.

Area of construction: Above 1000 SqrMtr.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	100.0	-	100.0	85.4	14.6	100.0
2	Kannur	82.8	17.2	100.0	-	-	-
3	Wayanad	1.4	98.6	100.0	0.9	99.1	100.0
4	Kozhikode	91.8	8.2	100.0	95.0	5.0	100.0
5	Malappuram	99.0	1.0	100.0	60.6	39.4	100.0
6	Palakkad	30.4	69.6	100.0	36.1	63.9	100.0
7	Thrissur	55.7	44.3	100.0	33.0	67.0	100.0
8	Ernakulam	71.8	28.2	100.0	53.1	46.9	100.0
9	Idukki	85.1	14.9	100.0	89.2	10.8	100.0
10	Kottayam	100.0	-	100.0	-	-	-
11	Alappuzha	46.6	53.4	100.0	-	100.0	100.0
12	Pathanamthitta	100.0	-	100.0	-	100.0	100.0
13	Kollam	100.0	-	100.0	100.0	-	100.0
14	Thiruvananthapuram	59.3	40.7	100.0	66.5	33.5	100.0
	All	64.6	35.4	100.0	47.0	53.0	100.0

Table 23-E: Percentage distribution of man days worked by labourers engaged in “**Tiling and Paving**”.

Area of construction: All.

Sl No	District	Skilled Workers			Unskilled Workers		
		Local labourers	Migrant Labourers	Total	Local labourers	Migrant Labourers	Total
1	Kasaragod	92.3	7.7	100.0	82.4	17.6	100.0
2	Kannur	90.0	10.0	100.0	100.0	-	100.0
3	Wayanad	4.6	95.4	100.0	3.2	96.8	100.0
4	Kozhikode	92.8	7.2	100.0	89.2	10.8	100.0
5	Malappuram	85.3	14.7	100.0	56.3	43.7	100.0
6	Palakkad	49.8	50.2	100.0	55.6	44.4	100.0
7	Thrissur	73.0	27.0	100.0	54.5	45.5	100.0
8	Ernakulam	81.7	18.3	100.0	69.6	30.4	100.0
9	Idukki	85.5	14.5	100.0	85.8	14.2	100.0
10	Kottayam	100.0	-	100.0	85.5	14.5	100.0
11	Alappuzha	88.5	11.5	100.0	81.1	18.9	100.0
12	Pathanamthitta	96.7	3.3	100.0	21.3	78.7	100.0
13	Kollam	99.3	0.7	100.0	94.8	5.2	100.0
14	Thiruvananthapuram	82.1	17.9	100.0	78.2	21.8	100.0
	All	77.9	22.1	100.0	64.8	35.2	100.0

Table 24: Percentage distribution of man days worked by labourers engaged in “**Other Works**”.

Area of construction: All.

Sl No	District	Local labourers	Migrant Labourers	Total
1	Kasaragod	99.1	0.9	100.0
2	Kannur	98.0	2.0	100.0
3	Wayanad	30.1	69.9	100.0
4	Kozhikode	96.3	3.7	100.0
5	Malappuram	90.3	9.7	100.0
6	Palakkad	92.1	7.9	100.0
7	Thrissur	87.5	12.5	100.0
8	Ernakulam	69.1	30.9	100.0
9	Idukki	80.4	19.6	100.0
10	Kottayam	86.9	13.1	100.0
11	Alappuzha	85.0	15.0	100.0
12	Pathanamthitta	62.3	37.7	100.0
13	Kollam	97.6	2.4	100.0
14	Thiruvananthapuram	84.0	16.0	100.0
	All	82.2	17.8	100.0

Table 25-: State level average per day wage of labourers engaged in different category of works (in Rs.)

Sl No.	Type of job	Local Labourers	Migrant Labourers
1	Well Construction	770	710
2	Floor Leveling & Basement	750	690
3	Piling Job	770	660
4	Masonry Work	790	630
5	Concrete Work	840	720
6	Carpentry Work	740	660
7	Flooring Work	740	650
8	Electrical Work	700	650
9	Plumbing Work	700	650
10	Painting Work	660	620
11	Interior Decoration	730	670
12	Gardening & Landscaping	740	630
13	Tiling and Paving	730	620
14	Other Works	760	630
	All	740	670

Table 26-A: General views on labour scarcity in construction sector (figures in %).

Question = Do you feel "non-availability of labourers" in the construction sector?

Sl No.	District	Opinion			
		Agree	Disagree	No Opinion	Total
1	Kasaragod	63	34	2	100
2	Kannur	63	33	4	100
3	Wayanad	34	66	-	100
4	Kozhikode	54	44	1	100
5	Malappuram	36	62	3	100
6	Palakkad	59	40	2	100
7	Thrissur	41	55	3	100
8	Ernakulam	43	56	0	100
9	Idukki	48	49	3	100
10	Kottayam	58	37	4	100
11	Alappuzha	55	44	1	100
12	Pathanamthitta	55	40	5	100
13	Kollam	57	43	-	100
14	Thiruvananthapuram	33	57	9	100
	All	47	50	3	100

Table 26-B: General views on labour scarcity in construction sector (figures in %).

Question = Do you think migrant labourers are more skilled than local labourers?

Sl No.	District	Opinion			
		Agree	Disagree	No Opinion	Total
1	Kasaragod	15	80	5	100
2	Kannur	11	79	10	100
3	Wayanad	44	47	9	100
4	Kozhikode	21	75	4	100
5	Malappuram	8	80	11	100
6	Palakkad	19	69	13	100
7	Thrissur	13	77	10	100
8	Ernakulam	15	81	4	100
9	Idukki	6	82	13	100
10	Kottayam	8	85	7	100
11	Alappuzha	14	76	11	100
12	Pathanamthitta	15	77	8	100
13	Kollam	10	86	5	100
14	Thiruvananthapuram	13	67	20	100
	All	14	77	10	100

Table 26-C: General views on labour scarcity in construction sector (figures in %).

Question = Do you feel that wages are less for migrant labourers?

Sl No.	District	Opinion			
		Agree	Disagree	No Opinion	Total
1	Kasaragod	80	11	8	100
2	Kannur	71	26	3	100
3	Wayanad	60	30	10	100
4	Kozhikode	62	33	5	100
5	Malappuram	56	30	14	100
6	Palakkad	53	33	14	100
7	Thrissur	50	39	11	100
8	Ernakulam	37	60	3	100
9	Idukki	64	27	9	100
10	Kottayam	57	28	16	100
11	Alappuzha	61	29	9	100
12	Pathanamthitta	64	33	3	100
13	Kollam	50	43	7	100
14	Thiruvananthapuram	43	35	22	100
	All	53	37	10	100

Table 26-D: General views on labour scarcity in construction sector (figures in %).

Question = Do you think that presence of migrant labourers decrease the job opportunities of local labourers?

Sl No.	District	Opinion			
		Agree	Disagree	No Opinion	Total
1	Kasaragod	24	68	8	100
2	Kannur	23	71	6	100
3	Wayanad	7	83	10	100
4	Kozhikode	35	58	7	100
5	Malappuram	27	65	8	100
6	Palakkad	17	57	26	100
7	Thrissur	24	68	9	100
8	Ernakulam	17	80	3	100
9	Idukki	13	82	5	100
10	Kottayam	28	64	8	100
11	Alappuzha	39	50	11	100
12	Pathanamthitta	5	95	-	100
13	Kollam	27	67	6	100
14	Thiruvananthapuram	18	63	19	100
	All	23	67	10	100

Table 26-E: General views on labour scarcity in construction sector (figures in %).

Question = Whether migrant labourers are adequately available?

Sl No.	District	Opinion			
		Agree	Disagree	No Opinion	Total
1	Kasaragod	78	13	9	100
2	Kannur	78	6	16	100
3	Wayanad	86	4	10	100
4	Kozhikode	87	8	5	100
5	Malappuram	88	4	8	100
6	Palakkad	58	16	26	100
7	Thrissur	67	14	19	100
8	Ernakulam	93	5	2	100
9	Idukki	84	6	11	100
10	Kottayam	61	10	30	100
11	Alappuzha	53	20	27	100
12	Pathanamthitta	82	8	9	100
13	Kollam	84	6	10	100
14	Thiruvananthapuram	46	26	27	100
	All	74	11	15	100

Table 26-F: General views on labour scarcity in construction sector (figures in %).

Question = Is there any shortage of local labourers during last 5 years?

Sl No.	District	Opinion			
		Agree	Disagree	No Opinion	Total
1	Kasaragod	67	30	3	100
2	Kannur	71	22	7	100
3	Wayanad	33	49	19	100
4	Kozhikode	70	21	8	100
5	Malappuram	46	42	13	100
6	Palakkad	65	20	15	100
7	Thrissur	65	26	9	100
8	Ernakulam	72	23	5	100
9	Idukki	66	28	6	100
10	Kottayam	58	25	17	100
11	Alappuzha	59	31	10	100
12	Pathanamthitta	79	17	4	100
13	Kollam	62	34	5	100
14	Thiruvananthapuram	29	50	21	100
	All	59	31	11	100

Table 26-G: General views on labour scarcity in construction sector (figures in %).

Question = Was there any Increase in the wages of labourers during the last 5 years?

Sl No.	District	Opinion		
		chronicled Increase	exorbitant Increase	Total
1	Kasaragod	45	55	100
2	Kannur	56	44	100
3	Wayanad	69	31	100
4	Kozhikode	64	36	100
5	Malappuram	54	46	100
6	Palakkad	67	33	100
7	Thrissur	82	18	100
8	Ernakulam	47	53	100
9	Idukki	58	42	100
10	Kottayam	89	11	100
11	Alappuzha	42	58	100
12	Pathanamthitta	64	36	100
13	Kollam	81	19	100
14	Thiruvananthapuram	73	27	100
	All	65	35	100