



Government of Kerala

Report on Cement Bricks Manufacturing Units in Kerala 2016-17

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.

2. Concrete products include cement bricks, inter lock tiles, concrete well rings, concrete window and door frames, planter moulds and readymade slabs which are used mainly for fencing purpose. These products provide a new, economically and socially relevant response to housing production for the poor. In comparison to conventional bricks, they offer the advantages of uniform quality, faster speed of construction, lower labour involvement and longer durability. In view of these advantages, concrete bricks/blocks are being increasingly used in construction activities. The cement bricks/blocks manufacturing units generates employment across a wide range of jobs, from quarrying to brick-manufacturing, from builder to entrepreneur. Though these units have a vital role in the Kerala economy, data regarding the number of units, labour force, operational and other related statistics are not available.

3. In this context, the Department of Economics and Statistics decided to conduct a survey on “Cement bricks manufacturing units in Kerala” in order to get a reliable information about the general and operational characteristics of the units, details of employment, extent of migrant labourers and the share of total man days of migrant labourers in different types of jobs.

4. This report is prepared by Survey Design Division of the Directorate of Economics & Statistics. The schedule for data collection was designed by 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 as well as data entry 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. Admirable cooperation extended by the owners of the cement bricks manufacturing units across the State is also duly acknowledged.

6. Comments and Suggestions for improvement of its content will be highly appreciated.



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Chapter 1

Introduction

1.1 Introduction

1.1.1 The department of Economics & Statistics is the nodal agency for collection, compilation & analysis of Statistics relating to various sectors of Kerala economy. The department conducts Surveys and Studies on subjects of importance for planning and development purposes. The department conducted an ad-hoc survey on “Cement Bricks manufacturing units in Kerala” which has vital role in State economy.

1.2 Background:

1.2.1 Hollow and dense cement concrete blocks are known as cement bricks/blocks and these have an important place in modern building industry as it has been developed as an alternative to conventional bricks. They are cost effective and better alternative to burnt clay bricks by virtue of their good durability, fire resistance, partial resistance to sound, thermal insulation, small dead load and high speed of construction.

1.2.2 Manufacturing units of cement bricks/blocks and other building materials are one of the growing industries in Kerala. The growth in construction sector led to a huge demand for bricks. Due to the restrictions imposed on brick manufacturing units, scarcity of raw materials and labour scarcity leads demand and supply gap of burned bricks. Though these units have a vital role in the Kerala economy, data regarding the number of units, workers engaged in this sector, total investment and other related statistics are not available. Hence, the department conducted a detailed survey on “Cement Bricks manufacturing units in Kerala”.

1.3 Definition

1.3.1 Every manufacturing unit that produce cement bricks/blocks are termed as Cement bricks/blocks manufacturing units and are selected

for the survey. These units may also produce other cement products like cement interlock tiles, concrete door and window frames, planter molds, concrete slabs, readymade fence panel and many other minor cement products. Units which produce the above sub-products without manufacturing cement bricks/blocks were excluded from the survey. Those units set up temporarily in any construction sites, exclusively for producing bricks for the use of that particular construction, were also excluded from the purview of the survey.

1.4 Objectives

The main objectives of the survey were to study:-

- ✚ Registration status and working conditions of all Cement bricks and other allied building material manufacturing units in the state
- ✚ Operational characteristics such as availability of raw materials and its consumption
- ✚ Production & Marketing details.
- ✚ Employment generation and the nativity of labourers in these units
- ✚ Income, expenditure, assets and liability details

1.5 Design of the Study:

1.5.1 In order to conduct the survey, Census method was adopted. As the first step, a list of all Cement blocks and building material manufacturing units was prepared by local enquiry in all Grama Panchayat/ Municipalities/ Corporations in the State. At the second stage, data were collected from all these units by direct enquiry method using a predesigned survey schedule.

1.5.2 The field work was conducted by the Statistical Investigators working in the Taluk Statistical Offices of the Department during the months of November and December 2016 in addition to their normal duties. Data entry was done through the department's online web portal using the software developed by the Computer Division of the department. Data entry

work was completed by the end of February 2017.

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

Statement 1.1: Number of cement bricks manufacturing units surveyed.

Sl No.	District	Type of Local body			
		Panchayath	Municipality	Corporation	Total
1	Kasaragod	42	3	-	45
2	Kannur	87	10	5	102
3	Wayanad	112	16	-	128
4	Kozhikode	269	37	36	342
5	Malappuram	304	42	-	346
6	Palakkad	368	26	-	394
7	Thrissur	458	46	27	531
8	Ernakulam	634	53	1	688
9	Idukki	166	22	-	188
10	Kottayam	314	39	-	353
11	Alappuzha	266	18	-	284
12	Pathanamthitta	265	32	-	297
13	Kollam	489	27	26	542
14	Thiruvananthapuram	420	33	61	514
Total		4,194	404	156	4,754

1.6 Contents of this Report

1.6.1 This report is spread out in six chapters and discusses in detail the results of “Survey on cement manufacturing units in Kerala 2016-17”. Information was collected through a schedule of enquiry which was broadly classified into 5 major blocks. Firstly, information on the general characteristics of the units like its ownership, registration, working conditions like problems faced and scarcity of raw materials etc. and

detailed in chapter two of the report.

1.6.2 Secondly, details regarding operational characteristics such as consumption of raw materials, amount expended for its procurement and the details of production were collected and the results are included in chapter three.

1.6.3 Employment details in terms of mandays worked were collected for different categories of employees along with their nativity and the results are included in the fourth chapter.

1.6.4 In the fifth chapter, financial details such as expenditure incurred, income generated, value of fixed assets and amount of outstanding loans as on the date of survey were included. Summary of findings are reported in the sixth chapter.

1.7 Limitations

1.7.1 As most of the units of the survey (i.e. cement brick manufacturing units in the State) were fairly small industries, they are managed by either owner or a manager alone. Difficulty experienced in getting the accurate number of products manufactured and quantity of raw materials consumed during the year 2015-16 from some of these units. These difficulties were however overcome to a great extent with the best efforts from the field investigators and rightful interventions by the supervisors.

Chapter 2

General characteristics

2.1 An overview

2.1.1 Throughout this report, the term 'unit' will refer to 'Cement bricks/blocks manufacturing units functioning in the State'.

2.1.2 A total of 4,754 units were surveyed across the State out of which maximum number of units were seen in Ernakulam (14.5%) followed by Thrissur (11.2%) and minimum in Kasaragod (0.9%). 8.5% of the units operates in Municipalities and 3.3% in corporations.

Statement 2.1: District wise number of cement bricks manufacturing units in the State by type of products manufactured during 2015-16

Sl No.	District	Type of products manufactured during 2015-16					Percentage of units
		Cement bricks only	Cement bricks & tiles	Cement bricks & other products	Cement bricks, Tiles and Other products	Total	
1	Kasaragod	22	9	12	2	45	0.9
2	Kannur	70	11	13	8	102	2.1
3	Wayanad	61	8	48	11	128	2.7
4	Kozhikode	246	27	64	5	342	7.2
5	Malappuram	252	37	46	11	346	7.3
6	Palakkad	313	27	47	7	394	8.3
7	Thrissur	448	41	35	7	531	11.2
8	Ernakulam	613	20	50	5	688	14.5
9	Idukki	154	2	32	-	188	4.0
10	Kottayam	315	11	24	3	353	7.4
11	Alappuzha	247	35	1	1	284	6.0
12	Pathanamthitta	256	35	4	2	297	6.2
13	Kollam	491	44	7	-	542	11.4
14	Thiruvananthapuram	482	28	3	1	514	10.8
	Total	3,970	335	386	63	4,754	100.0

2.1.3 On considering the type of operation of the units, it can be seen that, 83.5% of the units (or 3,970 units) are manufacturing only cement bricks and 7% of the units (or 335 units) manufactures tiles along with bricks.

2.1.4 In the case of type of ownership, 88.3% of the units in the State are owned by individuals and 9.3% are under partnership. Male to female ratio of owners at State level found as 87:13. In the case of Malappuram district, the said ratio is 95:5 whereas in Pathanamthitta and Alappuzha male female ratio of ownership is 80:20.

Statement 2.2: Number and percentage of cement bricks manufacturing units in the State by type of ownership.

Sl No.	Type of Ownership	Number of units	Percentage
1	Owned	4,200	88.3
2	Partnership	443	9.3
3	Cooperative	22	0.5
4	Trusteeship	6	0.1
5	Others	83	1.8
	All	4,754	100

2.1.5 Out of above mentioned 4,200 self-owned establishments, 43% of them are run by owners from Hindu community where as around 28% are run by owners from Muslim and Christian communities. Out of the owners belong to Muslim community; only 6% are female owners.

Statement 2.3: Number and within religion and within gender wise percentages of owners of cement bricks manufacturing units in the State.

Sl No.	Religion of owner	Statistics	Gender of owner		
			Male	Female	All
1	Hindu	Count	1,502	297	1,799
2		% within Religion of owner	83.5%	16.5%	100.0%
3		% within Gender of owner	41.3%	53.1%	42.8%
4	Muslim	Count	1,083	70	1,153
5		% within Religion of owner	93.9%	6.1%	100.0%
6		% within Gender of owner	29.7%	12.5%	27.5%
7	Christian	Count	1,	179	1,198
8		% within Religion of owner	85.1%	14.9%	100.0%
9		% within Gender of owner	28.0%	32.0%	28.5%
10	Others	Count	37	13	50
11		% within Religion of owner	74.0%	26.0%	100.0%
12		% within Gender of owner	1.0%	2.3%	1.2%
13	All	Count	3,641	559	4,200
14		% within Religion of owner	86.7%	13.3%	100.0%
15		% within Gender of owner	100.0%	100.0%	100.0%

(Refer Tables 4,5 & 6)

2.1.6 It is seen from the survey results that 79.7% of the units have own building and in the case of land for the operation of the unit, only 73.1% have own land. This is due to the fact that a few units having own building have hired land for the purpose of storing their product due to shortage of space in their own land.

Statement 2.4: Percentages of cement bricks manufacturing units in the State by ownership of land and building.

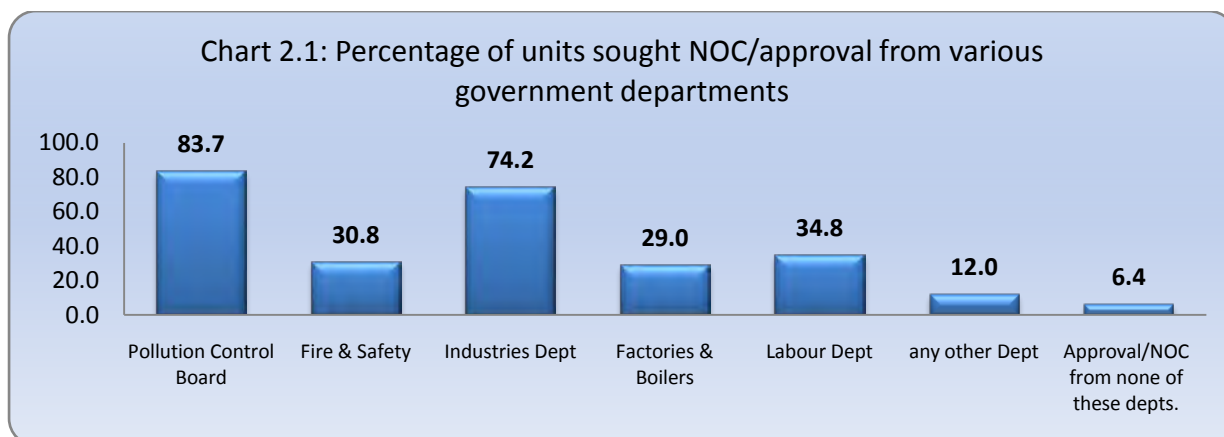
Sl No.	Type of Ownership	Ownership of building		Ownership of land	
		Number of units	Percent	Number of units	Percent
1	Owned	3,793	79.8	3,477	73.1
2	Rented	934	19.6	1,233	25.9
3	Others	27	0.6	44	0.9
	All	4,754	100.0	4,754	100.0

(Refer Tables 8 & 9)

2.2 License, Registration and status of NOC

2.2.1 The survey results show that 96.7% of the units in the State have license from local bodies whereas 3.3% of the units are either functioning without license or not renewed their license with local body.

2.2.2 A series of questions were asked in the survey to get information regarding NOC/approval for the operation of the unit from some of the major government departments like pollution control board, fire & safety department, industries department, factories and boilers, labour department etc. It is seen that, at State level, 6.4% of the units have NOC/approval from none of the departments mentioned above. In the case of Wayanad and Kozhikode districts, the said percentage is 19.5.



2.3 Benefits to employees

2.3.1 Information regarding providing of ESI¹ and EPF² benefits to employees working in the cement bricks manufacturing units in the State was also collected in the survey. It is seen from the survey results that at State level 1.3% of the units in the State are offering ESI benefits to its employees and only 0.8% percentage of the units in the State are offering EPF benefits to its employees. In Ernakulam, none of the units are offering ESI and EPF benefits to its employees.

2.3.2 It is a well known fact that commercial insurance encompasses solutions for all sectors of the industry arising out of business operations. As per the survey results, 20.3% of the units in the State have insured their firm. In case of districts, 35.4% of the firms in the Thiruvananthapuram district are seen insured.

2.4 Hours/Days of work

2.4.1 These parameters completely depend on the climate, size and employee capacity of the units and may vary from unit to unit and district to district. It is seen that there is no standardised timings followed. It is seen that the working hours for all types of work in each working day were between 6 to 7 hours except for Alappuzha and Kollam.

¹ Employees State Insurance Scheme of India is a multi-dimensional social security system tailored to provide socio-economic protection to worker population and their dependants.

² The EPF is one of the main platforms of savings for all employees working in Government, Public or Private sector Organizations.

Statement 2.5: Basic statistics on average hours of functioning of the units in a day.

Sl No.	District	Mean	Mode	Quartiles			Median	Interquartile Range
				25	50	75		
1	Kasaragod	7.2	8	7.0	8.0	8.0	8	1
2	Kannur	6.9	8	6.0	7.0	8.0	7	2
3	Wayanad	6.3	8	5.0	6.0	8.0	6	3
4	Kozhikode	6.5	6	6.0	6.0	8.0	6	2
5	Malappuram	6.5	8	5.0	7.0	8.0	7	3
6	Palakkad	6.9	8	6.0	7.0	8.0	7	2
7	Thrissur	6.9	8	6.0	7.0	8.0	7	2
8	Ernakulam	6.3	6	5.0	6.0	8.0	6	3
9	Idukki	7.0	8	6.0	7.0	8.0	7	2
10	Kottayam	7.0	8	6.0	7.0	8.0	7	2
11	Alappuzha	5.7	5	5.0	6.0	7.0	6	2
12	Pathanamthitta	6.3	8	5.0	6.0	8.0	6	3
13	Kollam	5.5	5	4.0	5.0	6.0	5	2
14	Thiruvananthapuram	6.0	6	5.0	6.0	7.0	6	2

Statement 2.6: Basic statistics on average number of days of functioning of the units in a month.

Sl No.	District	Mean	Mode	Quartiles			Median	Interquartile Range
				25	50	75		
1	Kasaragod	21.6	20	20.0	22.0	24.0	22	4
2	Kannur	21.0	22	20.0	22.0	24.0	22	4
3	Wayanad	19.3	20	16.0	20.0	22.0	20	6
4	Kozhikode	19.1	20	16.0	20.0	22.0	20	6
5	Malappuram	20.4	20	18.0	20.0	24.0	20	6
6	Palakkad	19.9	20	18.0	20.0	24.0	20	6
7	Thrissur	20.4	20	20.0	20.0	24.0	20	4
8	Ernakulam	17.0	20	15.0	16.0	20.0	16	5
9	Idukki	19.7	20	18.0	20.0	22.0	20	4
10	Kottayam	19.9	20	18.0	20.0	22.0	20	4
11	Alappuzha	18.0	20	15.0	18.0	20.0	18	5
12	Pathanamthitta	18.7	20	16.0	20.0	20.0	20	4
13	Kollam	18.0	20	15.0	18.0	20.0	18	5
14	Thiruvananthapuram	18.1	20	15.0	19.0	20.0	19	5

2.5 Problems faced

2.5.1 A major problem that the units faced is the frequent increase in price of raw materials. At State level, around 61% of the units were reported to have faced such problem. Finance was identified as another major problem faced by the units as money is known to be one of the major causes of problems that can lead business to failure. Around 55% of the units at State level had to confront financial problems.

2.5.2 One of another major problems faced by the units is in the field of marketing and trading. Around 40% of the units (most of them were new enterprises) at State level faced problems in marketing and trading. Scarcity of skilled/unskilled labourers was also reported by a number of units. In the case of Kasaragod district, around 51% of the units suffered scarcity of labourers.

2.5.3 In addition to above discussed problems, some of the units have been constrained by a number of other problems such as Problem of under utilization of capacity, inadequate infrastructure, technological obsolescence, unorganized nature of operation and many more. In the case of Idukki and Kottayam districts around 31% and 26% of the units respectively didn't face much operational problems.

2.5.4 It is seen reported that 93.6% of the units in the State were able to manufacture products as per the demand in the market. However 24.3% of the units functioning in Kasaragod were unable to meet the market requirements. The said percentage is 13.4 in the case of Alappuzha and 12.5 for Wayanad.

2.6 Scarcity of raw materials

2.6.1 The major raw materials required are cement, sand, M Sand³, Stone Dust, Stone Chips, Stone Chips (cleaned), iron bars/strips, water,

³ M Sand is manufactured sand which is a substitute of river sand for construction purposes sand produced from hard granite stone by crushing. The crushed sand is of cubical shape with grounded edges, washed and graded to as a construction material.

chemicals and other miscellaneous items. The survey results show that scarcity of raw materials was not a problem except for stone dust and stone chips. Scarcity of water was reported by only a meager 9% of the units at the State level.

2.6.2 With regard to the source of water, around 69% of the units are using well as the primary source of water. In the case of Kasaragod and Palakkad districts, tube well is preferred to well.

Chapter 3

Operational Characteristics

3.1 Specific raw materials consumed

3.1.1 Information also was collected from the manufacturing industries on the consumption of major materials used in manufacturing. The items were restricted to those materials which were important parts of the cost of production in the industry. As mentioned in the previous chapter, major raw materials required are cement, sand, M Sand, Stone Dust, Stone Chips, Stone Chips (cleaned), iron bars/strips, water, chemicals and other miscellaneous items.

3.1.2 Consumption of these items along with their amount expended for its procurement was collected in the survey. In the case of cement, which is one of the major raw materials used in the manufacturing of cement brick and the highest priced material per unit weight of the concrete, the consumption was collected in tones. District wise consumption along with amount expended may be seen from the tables appended.

3.1.3 In the group of sand and stone dust, it is seen that sand and M-Sand are rarely used and stone dust is widely used for the manufacturing of cement bricks and other products. During the year 2015-16, the ratio of consumption of Sand, M-Sand and Stone dust at State level was found as 0.3: 2.9: 96.8. In the case of Kasaragod district the aforesaid ratio is 5:5:90.

3.1.4 Likewise, in the case of stone chips and stone chips (cleaned), it is seen that at the State level stone chips is preferred to stone chips (cleaned) with a ratio of 88:12 during the year 2015-16. However in Thrissur district the ratio of consumption of stone chips to stone chips (cleaned) was found as 61:39 and that for Ernakulam it was 73:27.

Statement .3.1: Quantity of raw materials consumed by the units during October 2016 and 2015-16.

Sl No.	District	Cement (in 100 Tons)		Sand, M Sand and Stone Dust (in 1000 Cubic Meter)		Iron bars/strips (in Ton.)		Stone Chips including cleaned(in 1000 Cubic Meter)		Gum & Chemicals (in Kilolitre)	
		Oct-16	2015-16	Oct-16	2015-16	Oct-16	2015-16	Oct-16	2015-16	Oct-16	2015-16
1	Kasaragod	5.7	49.9	2.1	20.8	4.0	46.0	2.9	28.2	2.0	22.8
2	Kannur	13.3	141.6	8.0	85.4	4.3	30.3	10.1	109.2	1.8	19.8
3	Wayanad	8.5	79.0	4.9	45.5	11.9	115.6	5.1	49.0	1.2	11.5
4	Kozhikode	21.7	209.7	13.2	122.6	15.6	158.7	19.4	185.8	1.8	11.9
5	Malappuram	29.8	304.8	37.8	426.0	24.4	262.2	55.7	629.8	1.8	18.1
6	Palakkad	33.6	317.0	17.0	186.9	20.4	222.6	28.5	274.9	1.1	10.6
7	Thrissur	67.0	658.6	36.2	374.3	7.7	74.4	94.4	569.4	2.5	27.9
8	Ernakulam	94.4	757.8	37.1	332.7	9.2	90.3	75.1	667.0	1.3	15.1
9	Idukki	29.8	298.5	12.3	136.1	16.6	163.9	28.7	302.2	0.2	1.8
10	Kottayam	40.8	428.3	25.2	245.8	4.5	49.9	42.3	442.7	0.6	6.9
11	Alappuzha	27.4	229.4	11.7	117.9	0.1	1.0	22.7	230.7	1.2	12.0
12	Pathanamthitta	28.2	294.8	13.3	141.3	0.2	2.2	25.1	267.7	1.1	11.8
13	Kollam	57.7	578.9	24.5	278.2	0.0	0.0	42.1	475.3	1.8	19.7
14	Thiruvananthapuram	52.9	567.1	21.8	243.2	3.3	29.4	40.8	452.3	0.9	10.6
	Total	510.8	4,915.4	264.8	2,756.7	122.3	1,246.4	492.8	4,684.1	19.4	200.7

(Refer Tables 17-A to 17-I)

3.2 Production

3.2.1 Number of products manufactured during October 2016 and during the year 2015-16 were collected. The production details of Cement bricks (hollow or solid) of sizes 4”, 6”, 8” and other sizes, floor tiles (inter lock tiles), other cement products viz. concrete frames of windows & doors, well rings, concrete slabs, planter moulds and various other cement products were collected. The tables in the annexure give the number of these products manufactured during October 2016 and during the year 2015-16.

3.3 Units which manufactured only cement bricks during 2015-16

3.3.1 From the statement 2.1 given in the previous chapter, which shows the district wise cement bricks manufacturing units in the State by type of products manufactured during 2015-16, we have seen that there are 3,970 units which produced only cement bricks (either solid or hollow or both). Statement 3.2 below gives district wise production (Quantity in 00’ numbers) of cement bricks (all sizes together) from these 3,970 units during October 2016 and 2015-16.

Statement 3.2: Number of cement bricks (all sizes together) produced by units, that produces only cement bricks, during October 2016 and 2015-16: **Quantity in (In 00’s)**

Sl No.	District Name	Oct-16	2015-16
1	Kasargod	2,379	23,535
2	Kannur	10,407	1,11,468
3	Wayanad	3,877	30,174
4	Kozhikode	20,781	1,89,886
5	Malappuram	31,406	2,89,977
6	Palakkad	32,051	2,89,023
7	Thrissur	71,452	6,99,047
8	Ernakulam	1,15,748	10,49,847
9	Idukki	24,650	2,62,516
10	Kottayam	48,013	4,90,308
11	Alappuzha	28,243	2,62,437
12	Pathanamthitta	30,463	3,06,152
13	Kollam	53,927	5,75,253
14	Thiruvananthapuram	57,006	6,18,123
Total		5,30,403	51,97,746

3.3.2 Statement 3.3 below gives the consumption details of major raw materials used in the manufacturing of cement bricks. For computational convenience sand, M-Sand and stone dust are combined. Also Stone chips and stone chips (cleaned) are added together. Consumption of cement is shown in 100 Tons and sand & stone chips are in 1000 Cubic Meter.

Statement 3.3: Major raw materials consumed for the manufacturing of bricks by units which produced only cement bricks during 2015-16

Sl No.	District	Cement (in 100 Ton)		Sand, M Sand and Stone Dust (in 1000 Cubic Meter)		Stone Chips including cleaned(in 1000 Cubic Meter)	
		Oct-16	2015-16	Oct-16	2015-16	Oct-16	2015-16
1	Kasaragod	2	14	0.8	7.6	1.4	12.4
2	Kannur	8	90	4.8	52.5	6.0	66.3
3	Wayanad	3	26	1.9	15.3	1.9	17.3
4	Kozhikode	14	129	8.2	80.8	12.2	122.1
5	Malappuram	21	208	21.8	244.5	35.8	404.7
6	Palakkad	26	235	12.6	141.3	21.1	195.7
7	Thrissur	53	517	28.5	295.1	43.5	446.3
8	Ernakulam	81	618	32.3	287.1	66.8	584.9
9	Idukki	23	218	9.0	99.6	22.8	237.2
10	Kottayam	35	361	22.3	213.5	37.1	380.1
11	Alappuzha	24	198	10.1	102.6	19.9	203.8
12	Pathanamthitta	22	235	10.8	114.0	20.5	216.9
13	Kollam	51	489	21.3	241.5	36.4	410.4
14	Thiruvananthapuram	46	501	19.0	211.1	36.4	402.5
Total		409	3,839	203.6	2,106.5	361.9	3,700.7

Chapter 4

Labour Force

4.1 Introduction and general concepts

4.1.1 As stated in the first chapter, the field work of the survey was conducted during the period of November and December 2016. During the period of survey, many of the units were running short of employees and businesses were dull due to the impact of demonetisation of the 500 and 1000 rupee notes - two biggest denominations in the nation's currency system and due to the Government's restriction on daily withdrawal amounts from the banks. The number of employees working as on date of survey couldn't be obtained as many units suspended their operation temporarily. However, the monthly employment details were collected in term of mandays⁴ for October 2016 and yearly (12 months) details collected for the financial year 2015-16.

4.1.2 Gender wise mandays worked by employees in the categories of working owner, manager, supervisor, office staff, skilled and unskilled workers, security staff and other workers including State wise migrant workers were collected for the month of October 2016 and for the year 2015-16. Though less, female participation is seen among almost all categories of work except security category. Throughout this chapter we will discuss mandays worked by employees from the above categories during the year 2015-16.

4.2 Working owners

4.2.1 In the purview of the survey, working owners are those who own an institution and he/she actively participate in the day to day affairs of the institution by contributing his manpower. He/she may be a worker or a supervisor or a manager. The attraction of working owners is believed to be that it will help to accelerate the growth of the institution.

4.2.2 In chapter 2 we have seen that 4,200 units are owned by individuals. It is seen that average mandays worked by a male working

⁴ 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.

owner during 2015-16 ranges from 205 (Alappuzha) to 259 (Malappuram). It is also seen that out of the units with male owners, around 65% of the firm's owners also engaged as a worker and in the case of units with female owners, around 20% of them were working owners. Also, ratio of female working owner to male working owner found maximum in Idukki district (i.e. $12/88 \times 100 = 14\%$).

Statement 4.1: Number of units having male and female working owners and their percentages over the units with male/female owners.

Sl No.	District	Number of units with		Percentage of (3) over (4)	Number of units with		Percentage of (6) over (7)
		Male Working owner	Male Owners		Female Working owner	Female Owners	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Kasaragod	5	38	13.2	-	3	-
2	Kannur	36	62	58.1	1	11	9.1
3	Wayanad	43	81	53.1	1	17	5.9
4	Kozhikode	115	227	50.7	1	20	5.0
5	Malappuram	140	258	54.3	2	14	14.3
6	Palakkad	217	316	68.7	16	37	43.2
7	Thrissur	266	384	69.3	14	79	17.7
8	Ernakulam	422	551	76.6	17	53	32.1
9	Idukki	88	133	66.2	12	29	41.4
10	Kottayam	134	260	51.5	10	58	17.2
11	Alappuzha	154	212	72.6	5	52	9.6
12	Pathanamthitta	149	231	64.5	6	58	10.3
13	Kollam	381	454	83.9	5	70	7.1
14	Thiruvananthapuram	211	434	48.6	19	58	32.8
Total		2,361	3,641	64.8	109	559	19.5

4.3 Managerial and supervisory group

4.3.1 Employees in the category of manager, office staff & supervisor are included in this group. Migrant workers were not seen much in this

group except a very few cases from Bihar, West Bengal, Orissa, Tamil Nadu and Assam.

4.3.2 It is seen that at State level, only 28% of the units in the State have employed managers in their firm. In Ernakulam, where maximum number of units exists, only 19% of them have managers of their own. (It is to be remembered at this stage that the category of working owners also includes manager, supervisor and worker).

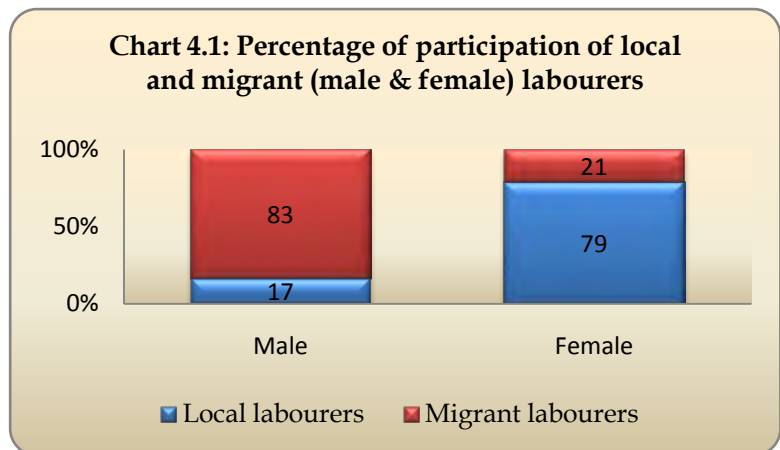
Statement 4.2: Number of units having male and female manager, supervisor and office staff during 2015-16.

Sl No.	District	Manager		Supervisor		Office Staff	
		Male	Female	Male	Female	Male	Female
1	Kasaragod	17	3	7	-	-	6
2	Kannur	40	3	11	-	10	10
3	Wayanad	38	2	9	1	4	3
4	Kozhikode	90	2	46	1	6	19
5	Malappuram	113	8	26	1	16	4
6	Palakkad	65	17	15	3	7	22
7	Thrissur	122	26	44	7	11	35
8	Ernakulam	121	12	58	5	3	23
9	Idukki	46	3	22	1	9	4
10	Kottayam	123	13	37	3	10	17
11	Alappuzha	89	10	25	4	5	8
12	Pathanamthitta	95	9	14	1	5	15
13	Kollam	83	7	32	6	3	3
14	Thiruvananthapuram	170	16	39	2	27	15
Total		1,212	131	385	35	116	184

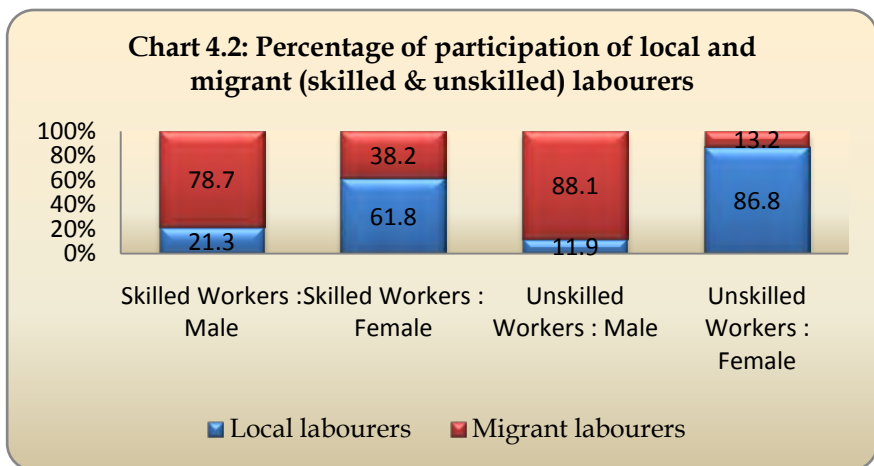
4.4 Skilled and Unskilled workers (General)

4.4.1 Mandays worked by skilled and unskilled workers (both male and female) during the year 2015-16 is considered for accuracy and ease of analysis. Result show that the major share of mandays was worked by the migrant labourers. On considering the total mandays (i.e. without

considering the segregation of skilled & unskilled labourers and gender), the ratio of mandays worked by local labourers to migrant labourers during 2015-16 is found as 20:80. If we consider the gender aspect, among the male workers, the ratio of mandays worked by local labourers to migrant labourers during 2015-16 is found as 17:83 and that among female workers for the same period is found as 79:21.



4.4.2 Thus by specifically considering the type of worker and gender, it is seen that 79% of the male skilled workers and 88% of the male unskilled workers are migrant labourers. In the case of female workers the above percentages are 38 and 13 respectively. (Here, it is also to be noted that ratio of



total male workers to female workers is 95:5). The chart gives these figures in detail.

4.5 Skilled and Unskilled workers (Migrant labourers)

4.5.1 In this section we will concentrate only on mandays worked by migrant labourers (i.e. skilled and unskilled workers from outside the State and outside the country) during 2015-16. It is seen that 99.6% of the mandays are that of migrant labourers from outside the State and 0.4% are that of migrant labourers from abroad (most of them from Bangladesh and Nepal). In the following sections, by migrant labourers we mean total

migrant labourers from outside State and outside country.

Statement 4.3: State/Country wise percentage participation of migrant labourers during 2015-16.

Sl No.	State/Country	Skilled Workers		Unskilled Workers	
		Male	Female	Male	Female
1	Andhra Pradesh	0.0	0.0	0.0	0.0
2	Arunachal Pradesh	0.1	0.0	0.0	0.0
3	Assam	23.7	23.8	20.9	28.8
4	Bihar	8.1	8.5	34.7	6.6
5	Chandigarh	0.3	2.1	0.1	0.0
6	Chhattisgarh	0.7	0.0	0.1	0.9
7	Delhi	0.9	0.0	0.0	0.0
8	Gujarat	0.0	0.0	0.0	0.0
9	Haryana	0.0	0.0	0.0	0.0
10	Himachal Pradesh	0.0	0.0	0.0	0.0
11	Jharkhand	2.1	0.8	1.8	6.1
12	Karnataka	0.1	0.0	0.2	8.9
13	Madhya Pradesh	0.2	0.0	0.1	0.0
14	Manipur	0.0	0.0	0.1	0.0
15	Meghalaya	1.0	0.0	0.9	2.4
16	Mizoram	0.0	0.0	0.0	0.0
17	Nagaland	0.0	0.0	0.0	0.0
18	Orissa	11.2	10.1	11.9	16.0
19	Punjab	0.0	0.0	0.0	0.0
20	Rajasthan	0.2	0.0	0.1	0.9
21	Tamil Nadu	1.0	4.0	0.5	1.5
22	Thelungana	0.0	0.0	0.0	0.0
23	Tripura	0.0	0.0	0.1	0.0
24	Uttar Pradesh	0.8	0.0	0.8	2.3
25	Uttranchal	0.0	0.0	0.1	0.0
26	West Bengal	49.0	50.7	27.2	25.6
27	Bangladesh	0.1	0.0	0.1	0.0
28	Nepal	0.3	0.0	0.2	0.0
29	Other Countries	0.0	0.0	0.0	0.0
	All	100.0	100.0	100.0	100.0

4.5.2 On considering the total mandays (i.e. without considering the segregation of skilled & unskilled labourers and gender), it is seen that a maximum of 37.4% of the mandays worked by migrant labourers are from West Bengal followed by Assam and Bihar (around 22% each) during 2015-16.

4.5.3 If we consider the gender aspect, among the male workers, a maximum of 37.4% of the mandays worked by migrant male labourers are from West Bengal followed by Assam and Bihar (around 22% each) during 2015-16 and that among female workers for the same period, it is seen that a maximum of 39.9% of the mandays worked by migrant female labourers are from West Bengal followed by Assam (25.9%) and Orissa (25.9%). (Here also, it is to be noted that ratio of total male migrant workers to female workers is around 99:1).

4.6 Security and other jobs

Statement 4.4: District wise number of units in the State, which has employed security personnel and total mandays worked during the year 2015-16

Sl No.	District	Security : Male					
		Local persons		Persons from outside State		Total	
		No of units	Total Mandays	No of units	Total Mandays	No of units	Total Mandays
1	Kasaragod	3	845			3	845
2	Kannur	1	275	1	360	2	635
3	Wayanad						
4	Kozhikode	2	666			2	666
5	Malappuram	2	560			2	560
6	Palakkad	3	642	1	360	4	1,002
7	Thrissur						
8	Ernakulam	2	675	2	580	4	1,255
9	Idukki	2	436			2	436
10	Kottayam	2	584	1	350	3	934
11	Alappuzha	2	631			2	631
12	Pathanamthitta						
13	Kollam	2	520			2	520
14	Thiruvananthapuram	3	720			3	720
Total		24	6,554	5	1,650	29	8,204

(Refer Table 20-M)

4.6.1 It is seen from the survey that only 29 units (less than one percentage of the total units) in the State has employed security personnel in their units during the year 2015-16. Out of these 29 units, 5 units employed other State personal.

4.6.2 Other category of workers includes all other jobs which were not discussed in the earlier sections. In the other category, 95% of the mandays were worked by local workers. Also, out of the total mandays worked by others, 94% were contribution of male (either local or migrant) workers.

4.7 Employees as on date of survey

4.7.1 Number of Employees worked in the units as on the date of visit for data collection were also collected. These details may not give a true picture of the total number of employees working in this sector as during the period of survey, many of the units were running short of employees and businesses were dull due to the impact of demonetisation. However, the collected details are presented below in statement 4.5.

Statement 4.5: Number of employees working in the units as on date of survey.

Sl No.	Type of worker	Number of employees as on date of survey	
		Male	Female
1	Manager *	1,855	158
2	Supervisor *	438	37
3	Office Staff *	122	201
4	Skilled Workers	9,789	264
5	Unskilled Workers	7,673	784
6	Security	37	
7	Others	889	48
All		20,803	1,492

**May include working owners.*

Chapter 5

Financial aspects

5.1 Expenditure and Income

5.1.1 Expenditure incurring in a cement bricks manufacturing unit are broadly divided into the following categories viz. Salary of Employees (Including all benefits), Rent (Building/Land), Cost of raw materials used, Telephone/Internet, Electricity/Other Fuels, Water, Maintenance, Transportation (Including Petrol/Diesel Charges), Advertisements, Tax, Insurance, license fee etc., Loan repayment, Loading/Unloading Charges and various Other Expenses. Apart from these, total income generated by these units was also collected

Statement 5.1: Total expenditure incurred for different type of expenses and its share over total expenditure during October 2016 and for the year 2015-16

Sl No.	Type of expenditure	October 2016		2015-16	
		Rs. in Lakhs	% to Total	Rs. in Lakhs	% to Total
1	Salary of Employees (Including all benefits)	2,098.1	16.4%	21,331.4	16.2%
2	Rent (Building/Land)	90.4	.7%	876.4	.7%
3	Cost of raw materials used	9,537.0	74.4%	97,573.0	74.2%
4	Telephone/Internet	17.3	.1%	180.1	.1%
5	Electricity/Other Fuels	88.5	.7%	929.5	.7%
6	Water	2.5	.0%	24.2	.0%
7	Maintenances	88.3	.7%	751.7	.6%
8	Transportation (Including Petrol/Diesel Charges)	257.9	2.0%	2,666.1	2.0%
9	Advertisements			53.1	.0%
10	Tax, Insurance, license fee etc.			441.5	.3%
11	Loan repayment	317.6	2.5%	3,420.8	2.6%
12	Loading/Unloading Charges	277.4	2.2%	2,911.7	2.2%
13	Other Expenses	45.6	.4%	390.2	.3%
Total		12,820.7	100.0%	1,31,549.8	100.0%

(Refer Tables 21-A to 21-E)

5.1.2 It can be seen from the statement 5.1 that maximum share of expenditure was for the procurement of raw materials for the uninterrupted functioning of the unit. Around 74% of the total amount expended for the raw materials and around 16% were for paying salary and wages (including all benefits).

5.1.3 The total income generated from these units were the income generated from the actual sale of the products during the period specified. It is reminded here that the value of the products in stock was not considered for evaluating the income.

5.1.4 It is seen that the total income for October 2016 and for the year 2015-16 of all establishments in the State together were Rs. 14,415.07 lakhs and Rs. 1,49,954.82 lakhs respectively.

5.2 Assets and Liabilities

5.2.1 Total value of assets as on December 2016 and the amount expended for any purchase, construction and improvement etc during 2015-16 were collected.

5.2.2 It is seen from the statement 5.2 that around 85% of the values assets is due to the land and building and 14% of the value of assets is due to machinery and vehicles.

Statement 5.2: Value of fixed assets as on December 2016 and value of purchase, construction, improvement etc during 2015-16 (Rs. in Lakhs)

Sl No.	Type of Asset	As on December 2016 (in Rs. Lakhs)	Percentage share	Purchase, construction, improvement etc during 2015-16 (in Rs. Lakhs)
1	Land	1,48,980.8	79.8%	2,361.6
2	Building	10,224.9	5.5%	443.5
3	Motors and Pumps	1,580.4	0.8%	88.8
4	Other machinery	12,387.9	6.6%	582.4
5	Vehicles	13,129.2	7.0%	354.5
6	Computers & Furniture	272.8	0.1%	9.2
7	Others	190.5	0.1%	2.7
	All	1,86,766.5	100%	3,842.6

(Refer Table 23)

5.2.3 As we know, a loan is a debt provided by one entity (organization or individual) to another entity at an interest rate. An effort was made to collect the Loan and Other Liabilities of cement bricks manufacturing units in the State. It is seen that a total of 2,340 units in the State have borrowed loan from one or more sources for the purpose of functioning of the unit. As per the results, the total outstanding loan liability of these 2,340 units amount to Rs.17,456.8 Lakhs.

Statement 5.3: Total amount of outstanding loan as on date of survey (Rs. in Lakhs)

Sl No.	Source of Loan	Number of units	Outstanding amount (Rs. in Lakhs)	Percentage share
1	Public Sector Banks ⁵	1,277	8,878.6	50.9%
2	Cooperative Banks	693	4,113.0	23.6%
3	Private Sector Banks	250	1,516.6	8.7%
4	Other Financial Institutions ⁶	281	1,448.1	8.3%
5	Money Lenders	105	365.0	2.1%
6	Friends and Relatives	330	1,135.4	6.5%
All		2,936	17,456.8	100.0%

(Refer Table 24)

5.2.4 Majority of the units (1,277 units) borrowed loan from public-sector banks followed by cooperative banks (693 units) with percentage share of outstanding loan amount around 50% and 24% respectively. It is also seen that money lenders were approached only by 105 units and 6.5% of the outstanding loan was seen borrowed (by 330 units) from friends and relatives, many a times which are lent interest free.

⁵ Those banks where the Government holds the majority stake (more than 50% of the shares) are known as public sector banks. And those where private institutions/individuals hold more than 50% of the shares are known as private sector banks.

⁶ E.g.: Kerala Finance Corporation, K.S.F.E etc.

Statement 5.4: Number of units by number of sources from which loan was borrowed

Sl No.	District	Number of sources from borrowed loan				Number of units borrowed Loan
		Only from one source	Two sources	Three sources	Four or more sources	
1	Kasaragod	15	6	1		22
2	Kannur	38	12	4		54
3	Wayanad	53	24	7	3	87
4	Kozhikkode	100	11	2	1	114
5	Malappuram	104	20	2	1	127
6	Palakkad	141	18	3	1	163
7	Thrissur	218	50	11	7	286
8	Ernakulam	340	41	11	6	398
9	Idukki	85	8	6		99
10	Kottayam	145	25	7		177
11	Alappuzha	112	39	10	4	165
12	Pathanamthitta	130	19	4		153
13	Kollam	191	34	9		234
14	Thiruvananthapuram	213	38	10		261
All		1,885	345	87	23	2,340

5.2.5 It is also seen that 1,885 units have borrowed loan from only one source out of the six sources viz. Public Sector Banks, Cooperative Banks, Private Sector Banks, Other Financial Institutions, Money Lenders and Friends and Relatives. 345 units have taken loan from any of the two sources mentioned above and twenty three units have borrowed loan from four or more sources.

Chapter 6

Summary of observations

6.1 General characteristics

6.1.1 Out of the total 4,754 units across the State, majority of 688 units (14.5%) were found in Ernakulam followed by Thrissur (11.2%) and minimum in Kasaragod (0.9%).

6.1.2 Among Panchayaths, maximum number of units were found in Vengola Panchayath (73 units) and Kizhakkambalam Panchayath (54 units) of Vazhakkulam block in Ernakulam. Vazhakkullam block of Ernakulam district have maximum number of units among block Panchayaths with 224 units followed by Mukhathala block of Kollam with 74 units.

6.1.3 Among municipalities, Wadakkancherry municipality of Thrissur district and Ettumanoor municipality of Kottayam district have maximum number of 13 units each. Among corporations, Thiruvananthapuram Corporation tops with 61 units followed by Kozhikode Corporation with 36 units.

6.1.4 In the case of type of ownership, 88.3% of the units in the State are owned by individuals and 9.3% are under partnership.

6.1.5 3.3% of the units are either functioning without license or not renewed their license with local body and 6.4% of the units having no NOC/approval from pollution control board, fire & safety department, industries department, factories and boilers, labour department etc.

6.1.6 Only 1.3% of the units in the State are offering ESI benefits to its employees and only 0.8% percentage of the units in the State are offering EPF benefits to its employees.

6.1.7 Around 61% of the units were reported to have faced problem with frequent increase in price of raw materials and 55% of the units had to confront financial problems. Scarcity of raw materials was not a problem

except for stone dust and stone chips.

6.2 Operational Characteristics

6.2.1 During the year 2015-16, the ratio of consumption of Sand, M-Sand and Stone dust at State level was found as 0.3: 2.9: 96.8.

6.2.2 Stone chips are preferred to stone chips (cleaned) with a ratio of 88:12 during the year 2015-16.

6.2.3 There are 3,970 units which produced only cement bricks (either solid or hollow or both) during 2015-16. Around 519.77 million bricks were produced by these units during the year 2015-16.

6.3 Labour Force

6.3.1 Out of the units with male owners, around 65% of the firm's owners also engaged as a worker and in the case of units with female owners, around 20% of them were working owners. Also, ratio of female working owner to male working owner found maximum in Idukki district.

6.3.2 At State level, only 28% of the units in the State have employed managers in their firm.

6.3.3 Without considering the segregation of skilled & unskilled labourers and gender, the ratio of mandays worked by local labourers to migrant labourers during 2015-16 is found as 20:80.

6.3.4 Specifically considering the type of worker and gender, it is seen that 79% of the male skilled workers and 88% of the male unskilled workers are migrant labourers.

6.3.5 Without considering the segregation of skilled & unskilled labourers and gender, it is seen that a maximum of 37.4% of the mandays worked by migrant labourers are from West Bengal followed by Assam and Bihar (around 22% each) during 2015-16.

6.3.6 Only 29 units (less one percentage of the units) in the State

have employed security personnel in their units during the year 2015-16.

6.4 Expenditure, income assets and liabilities

6.4.1 During the year 2015-16, around 74% of the total amount expended was for the raw materials and around 16% were for paying salary and wages (including all benefits).

6.4.2 The total gross income for October 2016 and for the year 2015-16 of all establishments in the State together were around Rs.1.44 billion and Rs. 15 billion respectively.

6.4.3 2,340 units in the State have borrowed loan from one or more sources for the purpose of functioning of the unit.

6.4.4 The total outstanding loan liability of all such units which borrowed loans approximately amount to Rs.1.75 billion.



DETAILED TABLES

Table 1: Number of Cement bricks manufacturing units in Kerala by Year of Starting

Sl No.	District Name	Year of Starting (under latest ownership)					Total
		Before 2007	2007 - 2010	2011 - 2012	2013 - 2014	2015 & Above	
1	Kasargod	12	8	6	9	10	45
2	Kannur	26	18	8	20	30	102
3	Wayanad	20	17	16	34	41	128
4	Kozhikode	63	48	43	81	107	342
5	Malappuram	87	59	61	66	73	346
6	Palakkad	64	66	69	99	96	394
7	Thrissur	112	121	102	103	93	531
8	Ernakulam	109	141	116	176	146	688
9	Idukki	37	43	31	41	36	188
10	Kottayam	100	66	72	66	49	353
11	Alappuzha	28	56	73	75	52	284
12	Pathanamthitta	62	66	70	63	36	297
13	Kollam	84	130	127	107	94	542
14	Thiruvananthapuram	93	133	132	97	59	514
Total		897	972	926	1,037	922	4,754

Table 2. District wise number of units by status of Local body License/Registration

Sl No.	District Name	Status of Local body License/Registration		
		Have	Don't have	Total
1	Kasargod	45	-	45
2	Kannur	98	4	102
3	Wayanad	97	31	128
4	Kozhikode	318	24	342
5	Malappuram	336	10	346
6	Palakkad	372	22	394
7	Thrissur	514	17	531
8	Ernakulam	677	11	688
9	Idukki	183	5	188
10	Kottayam	349	4	353
11	Alappuzha	276	8	284
12	Pathanamthitta	294	3	297
13	Kollam	537	5	542
14	Thiruvananthapuram	500	14	514
Total		4,596	158	4,754

Table 3. District wise number of units having approval/NOC from various Govt. departments

Sl No.	District Name	Status of approval/NOC from						
		Pollution Control Board	Fire & Safety	Industries Dept	Factories & Boilers	Labour Dept	Any other Dept	Approval/NOC from none of these depts
1	Kasargod	40	8	36	4	17	2	3
2	Kannur	81	20	85	27	45	11	7
3	Wayanad	88	12	89	9	38	1	25
4	Kozhikode	225	47	186	45	67	19	68
5	Malappuram	265	55	260	48	129	21	33
6	Palakkad	248	85	295	131	144	34	41
7	Thrissur	449	100	392	211	156	72	31
8	Ernakulam	588	302	439	85	155	228	31
9	Idukki	143	25	120	45	90	19	18
10	Kottayam	328	164	318	143	143	48	4
11	Alappuzha	245	95	224	72	105	55	13
12	Pathanamthitta	289	57	274	118	156	8	5
13	Kollam	528	330	419	262	214	30	9
14	Thiruvananthapuram	463	165	390	178	195	23	16
Total		3,980	1,465	3,527	1,378	1,654	571	304

Table 4. District wise number of units by type of ownership

Sl No.	District Name	Ownership					Total
		Owned	Partnership	Cooperative	Trusteeship	Others	
1	Kasargod	41	4	-	-	-	45
2	Kannur	73	27	1	-	1	102
3	Wayanad	98	23	1	1	5	128
4	Kozhikode	247	85	5	1	4	342
5	Malappuram	272	67	1	-	6	346
6	Palakkad	353	32	3	-	6	394
7	Thrissur	463	49	1	2	16	531
8	Ernakulam	604	73	2	-	9	688
9	Idukki	162	17	2	1	6	188
10	Kottayam	318	24	1	-	10	353
11	Alappuzha	264	12	1	1	6	284
12	Pathanamthitta	289	4	2	-	2	297
13	Kollam	524	13	1	-	4	542
14	Thiruvananthapuram	492	13	1	-	8	514
Total		4,200	443	22	6	83	4,754

Table 5. District wise number of units by gender of owner

Sl No.	District Name	Gender of Owner			
		Male	Female	Transgender	Total
1	Kasargod	38	3	-	41
2	Kannur	62	11	-	73
3	Wayanad	81	17	-	98
4	Kozhikode	227	20	-	247
5	Malappuram	258	14	-	272
6	Palakkad	316	37	-	353
7	Thrissur	384	79	-	463
8	Ernakulam	551	53	-	604
9	Idukki	133	29	-	162
10	Kottayam	260	58	-	318
11	Alappuzha	212	52	-	264
12	Pathanamthitta	231	58	-	289
13	Kollam	454	70	-	524
14	Thiruvananthapuram	434	58	-	492
Total		3,641	559	-	4,200

Table 6. District wise number of units by religion of owner

Sl No.	District Name	Religion of Owner				Total
		Hindu	Muslim	Christian	Others	
1	Kasargod	17	11	13	-	41
2	Kannur	40	10	23	-	73
3	Wayanad	26	28	44	-	98
4	Kozhikode	104	119	20	4	247
5	Malappuram	46	213	10	3	272
6	Palakkad	193	126	32	2	353
7	Thrissur	234	63	159	7	463
8	Ernakulam	93	272	232	7	604
9	Idukki	33	25	103	1	162
10	Kottayam	81	22	208	7	318
11	Alappuzha	190	21	51	2	264
12	Pathanamthitta	125	22	140	2	289
13	Kollam	320	121	73	10	524
14	Thiruvananthapuram	297	100	90	5	492
Total		1,799	1,153	1,198	50	4,200

Table 7. District wise number of units by social group of owner

Sl No.	District Name	Social Group			
		ST	SC	Others	Total
1	Kasargod	2	-	39	41
2	Kannur	-	-	73	73
3	Wayanad	-	1	97	98
4	Kozhikode	1	3	243	247
5	Malappuram	1	1	270	272
6	Palakkad	1	6	346	353
7	Thrissur	6	3	454	463
8	Ernakulam	-	1	603	604
9	Idukki	1	2	159	162
10	Kottayam	1	1	316	318
11	Alappuzha	3	4	257	264
12	Pathanamthitta	1	2	286	289
13	Kollam	6	7	511	524
14	Thiruvananthapuram	2	7	483	492
Total		25	38	4,137	4,200

Table 8. District wise number of units by ownership of building

Sl No.	District Name	Ownership of Building			
		Owned	Rented	Others	Total
1	Kasargod	42	3	-	45
2	Kannur	80	21	1	102
3	Wayanad	84	41	3	128
4	Kozhikode	241	101	-	342
5	Malappuram	234	111	1	346
6	Palakkad	313	75	6	394
7	Thrissur	449	78	4	531
8	Ernakulam	528	157	3	688
9	Idukki	122	66	-	188
10	Kottayam	299	52	2	353
11	Alappuzha	253	27	4	284
12	Pathanamthitta	255	41	1	297
13	Kollam	448	94	-	542
14	Thiruvananthapuram	443	69	2	514
Total		3,791	936	27	4,754

Table 9. District wise number of units by ownership of land

Sl No.	District Name	Ownership of Land			
		Owned	Rented	Others	Total
1	Kasargod	39	6	-	45
2	Kannur	71	31	-	102
3	Wayanad	62	65	1	128
4	Kozhikode	178	162	2	342
5	Malappuram	187	155	4	346
6	Palakkad	283	99	12	394
7	Thrissur	437	89	5	531
8	Ernakulam	494	190	4	688
9	Idukki	114	74	-	188
10	Kottayam	286	66	1	353
11	Alappuzha	239	41	4	284
12	Pathanamthitta	233	58	6	297
13	Kollam	432	107	3	542
14	Thiruvananthapuram	420	92	2	514
Total		3,475	1,235	44	4,754

Table 10. District wise number of units providing ESI Benefits to employees

Sl No.	District Name	ESI Benefit		
		Have	Don't have	Total
1	Kasargod	4	41	45
2	Kannur	4	98	102
3	Wayanad	-	128	128
4	Kozhikode	7	335	342
5	Malappuram	7	339	346
6	Palakkad	5	389	394
7	Thrissur	7	524	531
8	Ernakulam	-	688	688
9	Idukki	1	187	188
10	Kottayam	9	344	353
11	Alappuzha	5	279	284
12	Pathanamthitta	2	295	297
13	Kollam	9	533	542
14	Thiruvananthapuram	4	510	514
Total		64	4,690	4,754

Table 11. District wise number of units providing EPF Benefits to employees

Sl No.	District Name	EPF Benefit		
		Have	Don't have	Total
1	Kasargod	5	40	45
2	Kannur	4	98	102
3	Wayanad	1	127	128
4	Kozhikode	6	336	342
5	Malappuram	3	343	346
6	Palakkad	3	391	394
7	Thrissur	5	526	531
8	Ernakulam	-	688	688
9	Idukki	1	187	188
10	Kottayam	2	351	353
11	Alappuzha	-	284	284
12	Pathanamthitta	2	295	297
13	Kollam	5	537	542
14	Thiruvananthapuram	1	513	514
Total		38	4,716	4,754

Table 12. District wise number of units insured

Sl No.	District Name	Firm Insured		
		Yes	No	Total
1	Kasargod	12	33	45
2	Kannur	30	72	102
3	Wayanad	24	104	128
4	Kozhikode	39	303	342
5	Malappuram	61	285	346
6	Palakkad	48	346	394
7	Thrissur	83	448	531
8	Ernakulam	108	580	688
9	Idukki	43	145	188
10	Kottayam	113	240	353
11	Alappuzha	49	235	284
12	Pathanamthitta	64	233	297
13	Kollam	110	432	542
14	Thiruvananthapuram	182	332	514
Total		966	3,788	4,754

Table 13. District wise number of units by problems faced

Sl No.	District Name	Problems Faced by Units							
		Financial	Legal	From Public	Shortage of Labourers	Increased price of Raw materials	Trading	Others	No Problems Faced
1	Kasargod	27	4	1	23	40	20	2	-
2	Kannur	43	4	1	20	64	49	3	14
3	Wayanad	85	10	6	21	94	42	1	8
4	Kozhikode	173	9	4	35	147	149	17	66
5	Malappuram	161	12	9	61	189	151	12	70
6	Palakkad	192	11	7	129	258	160	5	56
7	Thrissur	303	7	8	182	328	253	12	86
8	Ernakulam	476	15	16	250	470	325	26	66
9	Idukki	91	7	4	55	106	34	5	58
10	Kottayam	158	4	1	74	166	152	6	93
11	Alappuzha	203	15	10	106	212	140	9	25
12	Pathanamthitta	149	3	12	75	148	113	3	60
13	Kollam	282	6	8	180	377	174	1	97
14	Thiruvananthapuram	257	13	15	200	295	143	17	112
Total		2,600	120	102	1,411	2,894	1,905	119	811

Table 14. District wise number of units faced Scarcity of Raw Materials

Sl No.	District Name	Type of Raw Materials										No Scarcity of Raw Materials
		Cement	Sand	M-Sand	Stone Dust	Stone Chips	Stone Chips (Cleaned)	Water	Chemicals	Iron Strip	Others	
1	Kasargod	5	9	10	37	35	8	6	2	-	-	2
2	Kannur	15	6	6	37	37	4	8	1	1	-	8
3	Wayanad	9	4	6	54	55	12	10	1	2	-	-
4	Kozhikode	18	5	11	58	65	5	25	-	1	3	28
5	Malappuram	23	30	18	82	82	10	47	5	1	1	30
6	Palakkad	39	23	26	112	87	48	58	3	2	-	5
7	Thrissur	38	10	22	143	101	64	27	1	1	3	32
8	Ernakulam	126	7	20	304	252	80	28	1	2	7	48
9	Idukki	13	16	3	40	39	7	16	-	2	2	17
10	Kottayam	18	1	5	51	48	10	32	-	2	1	10
11	Alappuzha	62	7	12	97	105	9	32	2	1	-	39
12	Pathanamthitta	3	-	-	29	27	6	7	-	-	-	7
13	Kollam	32	3	20	258	268	10	65	4	1	1	21
14	Thiruvananthapuram	28	15	8	117	112	30	66	4	1	-	76
Total		429	136	167	1,419	1,313	303	427	24	17	18	323

Table 15. District wise number of units by Source of Water

Sl No.	District Name	Source of Water					Total
		Well	Tube Well	Public Distribution	Tankers	Water Bodies & Others	
1	Kasargod	12	28	-	-	5	45
2	Kannur	54	37	-	-	11	102
3	Wayanad	105	9	-	-	14	128
4	Kozhikode	278	33	1	1	29	342
5	Malappuram	254	68	-	-	24	346
6	Palakkad	159	207	1	-	27	394
7	Thrissur	339	118	-	-	74	531
8	Ernakulam	553	73	1	1	60	688
9	Idukki	92	44	1	-	51	188
10	Kottayam	233	37	-	-	83	353
11	Alappuzha	139	91	3	1	50	284
12	Pathanamthitta	244	13	2	-	38	297
13	Kollam	439	58	6	-	39	542
14	Thiruvananthapuram	371	89	4	5	45	514
Total		3,272	905	19	8	550	4,754

Table 16. District wise number of units by production & demand

Sl No.	District Name	Status of Production		
		Produces as per demand	Couldn't produce as per demand	Total
1	Kasargod	34	11	45
2	Kannur	96	6	102
3	Wayanad	112	16	128
4	Kozhikode	319	23	342
5	Malappuram	329	17	346
6	Palakkad	369	25	394
7	Thrissur	496	35	531
8	Ernakulam	664	24	688
9	Idukki	165	23	188
10	Kottayam	343	10	353
11	Alappuzha	246	38	284
12	Pathanamthitta	290	7	297
13	Kollam	509	33	542
14	Thiruvananthapuram	477	37	514
Total		4,449	305	4,754

Table 17-A: Quantity of Raw Materials used and Amount spent (Rs. In Lakhs)

Raw Material Used: Cement (In Ton)

Sl No.	District Name	Oct-16		2015-16	
		Quantity (In Ton)	Amount (Rs. in Lakhs)	Quantity (In Ton)	Amount (Rs. in Lakhs)
1	Kasargod	572.9	37.85	4,988.05	373.74
2	Kannur	1,325.86	102.85	14,162.40	1,114.27
3	Wayanad	853.26	69.27	7,898.80	640.94
4	Kozhikode	2,166.03	175.85	20,966.22	1,688.23
5	Malappuram	2,976.32	217.83	30,480.99	2,280.71
6	Palakkad	3,361.40	245.97	31,700.90	2,271.34
7	Thrissur	6,702.00	455.41	65,855.88	4,614.21
8	Ernakulam	9,439.01	606.09	75,778.02	5,438.28
9	Idukki	2,981.50	197.42	29,854.72	2,188.05
10	Kottayam	4,080.30	287.6	42,831.24	3,102.71
11	Alappuzha	2,741.48	171.89	22,944.76	1,748.72
12	Pathanamthitta	2,817.50	217.97	29,478.03	2,256.69
13	Kollam	5,768.93	385.81	57,892.42	4,239.44
14	Thiruvananthapuram	5,289.36	395.63	56,709.60	4,340.44
Total		51,075.85	3,567.44	4,91,542.03	36,297.77

Table 17-B: Quantity of Raw Materials used and Amount spent (Rs. In Lakhs)

Raw Material Used: Sand (In Cubic Meter)

Sl No.	District Name	Oct-16		2015-16	
		Quantity	Amount (Rs. in Lakhs)	Quantity	Amount (Rs. in Lakhs)
1	Kasargod	96.8	1.03	1,015.00	9.24
2	Kannur	6.00	0.16	59.00	1.75
3	Wayanad	8.2	0.18	91.50	2.02
4	Kozhikode	42.08	0.73	483.62	8.17
5	Malappuram	232.90	2.42	2,541.16	26.94
6	Palakkad	5.66	0.08	33.96	0.47
7	Thrissur	0.00	0	0.00	0.00
8	Ernakulam	43.31	1.76	519.80	21.12
9	Idukki	106.17	0.74	1,274.00	9.00
10	Kottayam	0.00	0	0.00	0.00
11	Alappuzha	45.00	0.47	410.00	5.54
12	Pathanamthitta	84.95	0.69	521.02	4.23
13	Kollam	0.00	0	0.00	0.00
14	Thiruvananthapuram	0.00	0	0.00	0.00
Total		671.07	8.26	6,949.06	88.48

Table 17-C: Quantity of Raw Materials used and Amount spent (Rs. In Lakhs)

Raw Material Used: M-Sand (In Cubic Meter)

Sl No.	District Name	Oct-16		2015-16	
		Quantity	Amount (Rs. in Lakhs)	Quantity	Amount (Rs. in Lakhs)
1	Kasargod	94.07	0.8	1,050.16	8.44
2	Kannur	65.90	1.01	683.44	10.52
3	Wayanad	83.06	1.91	822.00	20
4	Kozhikode	255.62	3.42	1,841.58	24.29
5	Malappuram	1,330.12	12.96	14,368.09	138.67
6	Palakkad	330.62	3.91	3,488.42	41.63
7	Thrissur	653.12	6.91	6,856.19	74.49
8	Ernakulam	1,910.68	18.35	18,365.11	177.90
9	Idukki	86.00	1.47	680.00	11.75
10	Kottayam	449.51	4.49	5,106.17	50.91
11	Alappuzha	878.10	11.62	8,686.61	127.60
12	Pathanamthitta	274.39	3.03	2,201.44	24.81
13	Kollam	1,087.16	13.21	12,792.89	154.96
14	Thiruvananthapuram	473.68	9.56	4,101.61	74.62
Total		7,972.03	92.65	81,043.71	940.59

Table 17-D: Quantity of Raw Materials used and Amount spent (Rs. In Lakhs)

Raw Material Used: Iron Strip (In Tone)

Sl No.	District Name	Oct-16		2015-16	
		Quantity (in Ton)	Amount (Rs. in Lakhs)	Quantity (in Ton)	Amount (Rs. in Lakhs)
1	Kasargod	4.01	1.74	45.97	17.9
2	Kannur	4.33	1.89	30.25	13.73
3	Wayanad	11.94	6.66	115.59	67.86
4	Kozhikode	15.58	6.98	158.75	68.44
5	Malappuram	24.42	10.12	262.18	105.46
6	Palakkad	20.40	7.17	222.57	75.17
7	Thrissur	7.71	4.9	74.40	48.44
8	Ernakulam	9.21	4.84	90.25	47.04
9	Idukki	16.59	9.28	163.88	79.5
10	Kottayam	4.55	2.19	49.93	23.81
11	Alappuzha	0.075	0.06	0.96	0.7
12	Pathanamthitta	0	0	0	0
13	Kollam	0.2	0.08	2.20	0.86
14	Thiruvananthapuram	3.29	1.51	29.42	12.43
Total		122.30	57.42	1,246.35	561.34

Table 17-E: Quantity of Raw Materials used and Amount spent (Rs. In Lakhs)

Raw Material Used: Stone Dust (In Cubic Meter)

Sl No.	District Name	Oct- 2016		2015-16	
		Quantity	Amount (Rs. in Lakhs)	Quantity	Amount (Rs. in Lakhs)
1	Kasargod	1,877.68	22.65	18,734.42	226.76
2	Kannur	7,897.10	84.89	84,632.22	904.74
3	Wayanad	4,765.71	62.47	44,547.37	569.73
4	Kozhikode	12,883.76	124.32	1,20,259.88	1,160.92
5	Malappuram	36,202.38	148.58	4,09,055.90	1,550.26
6	Palakkad	16,633.13	139.81	1,83,349.69	1,323.88
7	Thrissur	35,522.12	289.11	3,67,493.65	2,974.50
8	Ernakulam	35,096.79	249.38	3,13,843.09	2,279.23
9	Idukki	12,064.49	112.48	1,34,157.70	1,266.48
10	Kottayam	24,757.29	169.41	2,40,731.09	1,800.62
11	Alappuzha	10,802.53	117.64	1,08,793.12	1,168.27
12	Pathanamthitta	12,890.74	117.08	1,38,625.25	1,242.46
13	Kollam	23,448.94	244.99	2,65,417.73	2,744.84
14	Thiruvananthapuram	21,277.06	263.78	2,39,109.78	2,929.15
Total		2,56,119.72	2,146.59	26,68,750.89	22,141.84

Table 17-F: Quantity of Raw Materials used and Amount spent (Rs. In Lakhs)

Raw Material Used: Stone Chips (In Cubic Meter)

Sl No.	District Name	Oct- 2016		2015-16	
		Quantity	Amount (Rs. in Lakhs)	Quantity	Amount (Rs. in Lakhs)
1	Kasargod	2,871.52	28.19	28,145.56	289.65
2	Kannur	10,066.87	104.39	1,08,351.87	1,115.57
3	Wayanad	4,684.52	60.95	45,350.01	546.83
4	Kozhikode	18,868.07	183.69	1,79,940.31	1,726.21
5	Malappuram	54,485.46	208.29	6,15,717.87	2,129.58
6	Palakkad	21,133.39	178.12	2,08,301.80	1,723.43
7	Thrissur	73,624.01	283.72	3,45,839.28	2,862.40
8	Ernakulam	55,683.09	382.63	4,87,338.73	3,490.21
9	Idukki	28,602.03	182.42	3,01,575.98	2,052.40
10	Kottayam	38,102.45	273.39	3,95,232.36	2,834.14
11	Alappuzha	21,406.38	242.81	2,17,000.87	2,475.18
12	Pathanamthitta	23,996.49	204.16	2,55,857.23	2,156.08
13	Kollam	42,121.15	424.43	4,75,283.64	4,719.95
14	Thiruvananthapuram	39,928.19	377.09	4,45,308.29	4,178.48
Total		4,35,573.62	3,134.28	41,09,243.80	32,300.11

Table 17-G: Quantity of Raw Materials used and Amount spent (Rs. In Lakhs)

Raw Material Used: Stone Chips (Cleaned) (In Cubic Meter)

Sl No.	District Name	Oct- 2016		2015-16	
		Quantity	Amount (Rs. in Lakhs)	Quantity	Amount (Rs. in Lakhs)
1	Kasargod	4.83	0.06	41	0.39
2	Kannur	73.28	0.82	864.16	9.57
3	Wayanad	374.12	5.12	3666.6	48.32
4	Kozhikode	537.53	5.59	5868.56	62.1
5	Malappuram	1187.37	11.52	14037.64	135.91
6	Palakkad	7351.89	62.59	66589.62	565.95
7	Thrissur	20739.8	173.14	223564.94	1823.45
8	Ernakulam	19418.43	145.3	179623.43	1325.71
9	Idukki	56.99	0.44	662	5.02
10	Kottayam	4207.72	34.75	47424.1	368.18
11	Alappuzha	1256.57	14.52	13705.61	165.51
12	Pathanamthitta	1106	9.21	11840	97.81
13	Kollam	0	0	0	0
14	Thiruvananthapuram	878.56	8.41	6962.5	57.59
Total		57193.09	471.47	574850.16	4665.51

Table 17-H: Quantity of Raw Materials used and Amount spent (Rs. In Lakhs)

Raw Material Used: Gum (In Litre)

Sl No.	District Name	Oct- 2016		2015-16	
		Quantity	Amount (Rs. in Lakhs)	Quantity	Amount (Rs. in Lakhs)
1	Kasargod	1,119.50	1.13	13,309.50	14.52
2	Kannur	670.00	0.56	7,050.00	6.07
3	Wayanad	305.00	0.44	3,339.00	4.45
4	Kozhikode	506.00	1.16	3,380.00	6.79
5	Malappuram	497.50	0.45	5,285.86	4.96
6	Palakkad	786.50	0.49	6,596.00	4.28
7	Thrissur	350.00	2.65	3,570.00	27.10
8	Ernakulam	110.40	0.18	1,214.00	2.11
9	Idukki	0.00	0.00	0.00	0.00
10	Kottayam	326.50	0.20	3,409.00	2.01
11	Alappuzha	117.00	0.30	1,033.00	2.72
12	Pathanamthitta	102.00	0.22	1,163.00	2.54
13	Kollam	649.50	0.45	7,504.00	5.20
14	Thiruvananthapuram	23.00	0.09	210.00	0.60
Total		5,562.90	8.32	57,063.36	83.35

Table 17-I: Quantity of Raw Materials used and Amount spent (Rs. In Lakhs)

Raw Material Used: Chemicals (In Litre)

Sl No.	District Name	Oct- 2016		2015-16	
		Quantity	Amount (Rs. in Lakhs)	Quantity	Amount (Rs. in Lakhs)
1	Kasargod	831.00	1.12	9,462.00	14.52
2	Kannur	1,139.50	1.31	12,722.00	14.31
3	Wayanad	922.00	1.28	8,138.00	10.05
4	Kozhikode	1,268.10	1.05	8,559.00	6.65
5	Malappuram	1,334.30	1.09	12,854.60	10.16
6	Palakkad	355.40	0.45	3,995.00	3.33
7	Thrissur	2,169.00	4.19	24,378.50	43.69
8	Ernakulam	1,234.00	0.98	13,912.00	11.47
9	Idukki	165.00	0.29	1,845.00	3.40
10	Kottayam	292.00	0.17	3,470.00	2.04
11	Alappuzha	1,129.36	1.49	10,982.00	13.63
12	Pathanamthitta	981.50	2.58	10,642.00	25.98
13	Kollam	1,152.20	1.38	12,237.40	14.99
14	Thiruvananthapuram	889.48	0.67	10,391.06	7.58
Total		13,862.84	18.05	1,43,588.56	181.80

Table18: Amount (Rs. In Lakhs) spent for the purchase of other miscellaneous raw materials.

Sl No.	District Name	Oct- 2016 : Amount (Rs. in Lakhs)	2015-16 : Amount (Rs. in Lakhs)
1	Kasargod	2.26	9.29
2	Kannur	2.09	19.57
3	Wayanad	0.77	5.79
4	Kozhikode	2.36	14.66
5	Malappuram	5.65	57.30
6	Palakkad	0.99	8.92
7	Thrissur	1.04	10.37
8	Ernakulam	1.53	16.08
9	Idukki	0.03	0.39
10	Kottayam	1.68	19.07
11	Alappuzha	3.44	37.33
12	Pathanamthitta	3.19	33.91
13	Kollam	3.85	42.65
14	Thiruvananthapuram	4.85	52.07
Total		33.73	327.40

Table 19-A: District wise production during October 2016 and 2015-16 : **Quantity in (In 00's)**

Product: Cement Bricks

Sl No.	District Name	Cement Brick: 4 "		Cement Brick: 6 "		Cement Brick: 8 "		Cement Brick - Others	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasargod	3,239	31,153	971	10,214	9	5	504	5,906
2	Kannur	9,895	1,06,079	3,078	34,874	90	1,012	1,240	11,575
3	Wayanad	2,604	23,972	1,626	14,838	170	1,587	3,870	27,562
4	Kozhikode	18,821	1,77,182	4,533	40,812	289	4,000	6,194	57,101
5	Malappuram	22,588	2,18,028	12,956	1,20,449	993	11,492	5,167	43,593
6	Palakkad	13,104	1,29,469	22,161	1,98,266	1,436	12,418	4,003	35,532
7	Thrissur	33,022	3,25,791	40,927	4,07,874	4,301	41,979	7,308	71,566
8	Ernakulam	49,985	4,37,764	65,593	5,89,115	621	5,330	12,886	1,23,945
9	Idukki	11,574	1,26,615	14,613	1,55,777	535	11,741	6,184	70,364
10	Kottayam	24,122	2,32,170	22,639	2,44,979	2,562	28,229	4,851	49,729
11	Alappuzha	11,148	91,634	16,738	1,63,970	284	1,213	4,011	40,492
12	Pathanamthitta	12,540	1,25,527	22,670	2,24,552	643	6,640	1,128	9,974
13	Kollam	14,759	1,59,812	35,068	3,68,789	835	6,725	9,691	1,11,947
14	Thiruvananthapuram	34,222	3,66,689	25,418	2,84,368	1,210	12,333	1,021	10,742
Total		2,61,623	25,51,885	2,88,991	28,58,877	13,978	1,44,704	68,058	6,70,028

Table 19-B: District wise production during October 2016 and 2015-16 : **Quantity in (In 00's)**

Sl No.	District Name	Tiles (Inter Lock)		Concrete Door Frame		Concrete Window Frame	
		Oct-16	2015-16	Oct-16	2015-16	Oct-16	2015-16
1	Kasargod	2,946	24,998	3	30	3	35
2	Kannur	1,932	20,185	8	84	6	51
3	Wayanad	1,548	16,919	17	171	18	197
4	Kozhikode	2,212	18,778	11	117	17	174
5	Malappuram	3,060	27,011	9	83	11	109
6	Palakkad	2,522	24,819	12	129	12	133
7	Thrissur	9,264	93,747	5	53	7	75
8	Ernakulam	4,261	42,207	6	58	8	83
9	Idukki	140	1,592	20	211	34	352
10	Kottayam	1,026	11,249	2	33	4	54
11	Alappuzha	2,034	21,286	0	0	0	0
12	Pathanamthitta	1,832	18,434	0	0	0	0
13	Kollam	2,992	34,355	0	1	0	2
14	Thiruvananthapuram	2,453	26,695	1	4	1	6
Total		38,222	3,82,275	94	974	121	1,271

Table 19-C: District wise production during October 2016 and 2015-16 : **Quantity in (In 00's)**

Sl No.	District Name	Well Rings		Concrete Slab/Fence Panel	
		Oct-16	2015-16	Oct-16	2015-16
1	Kasargod	0	6	1	6
2	Kannur	0	6	0	0
3	Wayanad	13	115	2	12
4	Kozhikode	0	2	3	29
5	Malappuram	0	8	0	3
6	Palakkad	2	23	33	389
7	Thrissur	3	33	4	44
8	Ernakulam	4	22	5	26
9	Idukki	2	20	3	33
10	Kottayam	0	4	16	157
11	Alappuzha	1	7	1	18
12	Pathanamthitta	0	0	0	400
13	Kollam	0	0	1	10
14	Thiruvananthapuram	1	22	0	0
Total		26	268	69	1,127

Table 19-D: District wise production during October 2016 and 2015-16 : **Quantity in (In 00's)**

Sl No.	District Name	Concrete Planter Molds		Other Concrete Products	
		Oct-16	2015-16	Oct-16	2015-16
1	Kasargod	0	1	5	51
2	Kannur	2	24	801	9,961
3	Wayanad	3	37	17	108
4	Kozhikode	7	61	462	4,807
5	Malappuram	0	2	260	2,735
6	Palakkad	1	9	146	1,228
7	Thrissur	1	11	292	3,642
8	Ernakulam	0	0	1,351	10,606
9	Idukki	0	6	1	132
10	Kottayam	1	7	415	5,135
11	Alappuzha	0	0	0	0
12	Pathanamthitta	5	1,222	29	2,148
13	Kollam	0	0	95	780
14	Thiruvananthapuram	0	0	0	3
Total		20	1,380	3,874	41,336

Table 20-A: State wise total mandays worked

Employee category: Working owner: Male

Sl No.	District	Working owner :Male					
		West Bengal		Kerala		Total	
		Oct- 2016	2015-16	Oct- 2016	2015-16	Oct- 2016	2015-16
1	Kasaragod	-	-	113	1,250	113	1,250
2	Kannur	-	-	836	8,495	836	8,495
3	Wayanad	-	-	955	10,257	955	10,257
4	Kozhikode	-	-	2,476	28,486	2,476	28,486
5	Malappuram	-	-	3,271	36,337	3,271	36,337
6	Palakkad	-	-	5,053	50,998	5,053	50,998
7	Thrissur	-	-	5,783	61,527	5,783	61,527
8	Ernakulam	-	-	9,345	87,602	9,345	87,602
9	Idukki	-	-	1,861	21,445	1,861	21,445
10	Kottayam	-	-	2,986	33,326	2,986	33,326
11	Alappuzha	-	-	2,937	31,656	2,937	31,656
12	Pathanamthitta	-	-	3,079	33,163	3,079	33,163
13	Kollam	40	500	7,361	85,213	7,401	85,713
14	Thiruvananthapuram	45	-	4,573	52,540	4,618	52,540
	Total	85	500	50,629	5,42,295	50,714	5,42,795

Table 20-B: State wise total mandays worked

Employee category: Working owner :Female

Sl No.	District	Working owner :Female			
		Kerala		Total	
		Oct- 2016	2015-16	Oct- 2016	2015-16
1	Kasaragod	-	-	-	-
2	Kannur	10	128	10	128
3	Wayanad	22	230	22	230
4	Kozhikode	26	350	26	350
5	Malappuram	55	600	55	600
6	Palakkad	334	3,557	334	3,557
7	Thrissur	280	3,398	280	3,398
8	Ernakulam	444	3,780	444	3,780
9	Idukki	241	2,699	241	2,699
10	Kottayam	219	2,407	219	2,407
11	Alappuzha	93	998	93	998
12	Pathanamthitta	164	1,367	164	1,367
13	Kollam	104	1,208	104	1,208
14	Thiruvananthapuram	458	4,575	458	4,575
	Total	2,450	25,297	2,450	25,297

Table 20-C: State wise total mandays worked

Employee category: Manager (Male)

Sl No.	District	Manager : Male					
		Bihar		Kerala		Total	
		Oct- 2016	2015-16	Oct- 2016	2015-16	Oct- 2016	2015-16
1	Kasaragod	-	-	431	4,903	431	4,903
2	Kannur	-	-	877	10,010	877	10,010
3	Wayanad	-	-	896	8,569	896	8,569
4	Kozhikode	-	-	2,207	24,626	2,207	24,626
5	Malappuram	-	-	2,686	27,733	2,686	27,733
6	Palakkad	-	-	1,664	15,975	1,664	15,975
7	Thrissur	-	-	2,762	28,632	2,762	28,632
8	Ernakulam	-	-	2,434	24,327	2,434	24,327
9	Idukki	-	-	1,089	11,708	1,089	11,708
10	Kottayam	36	420	3,008	32,848	3,044	33,268
11	Alappuzha	-	-	1,822	19,656	1,822	19,656
12	Pathanamthitta	-	-	1,958	21,880	1,958	21,880
13	Kollam	-	-	1,745	19,679	1,745	19,679
14	Thiruvananthapuram	-	-	3,367	37,831	3,367	37,831
	Total	36	420	26,946	2,88,377	26,982	2,88,797

Table 20-D: State wise total mandays worked

Employee category: Manager (Female)

Sl No.	District	Manager : Female					
		West Bengal		Kerala		Total	
		Oct- 2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	67	740	67	740
2	Kannur	-	-	75	885	75	885
3	Wayanad	-	-	42	430	42	430
4	Kozhikode	-	-	50	590	50	590
5	Malappuram	-	-	185	2,194	185	2,194
6	Palakkad	-	-	396	4,146	396	4,146
7	Thrissur	-	-	606	6,399	606	6,399
8	Ernakulam	-	-	425	2,724	425	2,724
9	Idukki	-	-	70	829	70	829
10	Kottayam	-	-	273	3,432	273	3,432
11	Alappuzha	-	-	204	2,239	204	2,239
12	Pathanamthitta	-	-	195	2,303	195	2,303
13	Kollam	-	-	139	1,640	139	1,640
14	Thiruvananthapuram	80	560	288	3,132	368	3,692
	Total	80	560	3,015	31,683	3,095	32,243

Table 20-E: State wise total mandays worked

Employee category: Supervisor (Male)

Sl No.	District	Supervisor : Male									
		Assam		Orissa		Kerala		Tamil Nadu		Total	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	-	-	199	1,959	-	-	199	1,959
2	Kannur	-	-	-	-	328	3,587	-	-	328	3,587
3	Wayanad	-	-	-	-	249	1,873	-	-	249	1,873
4	Kozhikode	45	570	-	-	1,103	10,988	26	310	1,174	11,868
5	Malappuram	-	-	16	128	570	6,303	-	-	586	6,431
6	Palakkad	-	-	-	-	331	3,628	-	-	331	3,628
7	Thrissur	-	-	-	-	1,017	10,847	-	-	1,017	10,847
8	Ernakulam	-	-	-	-	1,179	11,077	-	-	1,179	11,077
9	Idukki	-	-	-	-	442	4,793	-	-	442	4,793
10	Kottayam	-	-	-	-	836	9,283	-	-	836	9,283
11	Alappuzha	-	-	-	-	555	5,673	-	-	555	5,673
12	Pathanamthitta	-	-	-	-	311	3,701	-	-	311	3,701
13	Kollam	-	-	-	-	595	6,738	-	-	595	6,738
14	Thiruvananthapuram	-	-	-	-	748	8,863	-	-	748	8,863
	Total	45	570	16	128	8,463	89,313	26	310	8,550	90,321

Table 20-F: State wise total mandays worked

Employee category: Supervisor (Female)

Sl No.	District	Supervisor : Female			
		Kerala		Total	
		Oct- 2016	2015-16	Oct- 2016	2015-16
1	Kasaragod	-	-	-	-
2	Kannur	-	-	-	-
3	Wayanad	27	318	27	318
4	Kozhikode	18	220	18	220
5	Malappuram	24	252	24	252
6	Palakkad	72	842	72	842
7	Thrissur	161	1,844	161	1,844
8	Ernakulam	95	1,084	95	1,084
9	Idukki	20	240	20	240
10	Kottayam	50	845	50	845
11	Alappuzha	80	956	80	956
12	Pathanamthitta	25	300	25	300
13	Kollam	133	1,450	133	1,450
14	Thiruvananthapuram	55	600	55	600
	Total	760	8,951	760	8,951

Table 20-G: State wise total mandays worked

Employee category: Office Staff (Male)

Sl No.	District	Office Staff : Male							
		Assam		West Bengal		Orissa		Kerala	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	-	-	-	-	-	-
2	Kannur	-	-	-	-	-	-	254	3,030
3	Wayanad	-	-	-	-	-	-	104	1,127
4	Kozhikode	25	310	-	-	-	-	268	1,675
5	Malappuram	-	-	-	-	32	256	354	3,854
6	Palakkad	-	-	-	-	-	-	190	1,524
7	Thrissur	-	-	-	-	-	-	277	2,731
8	Ernakulam	-	-	-	-	-	-	55	660
9	Idukki	-	-	-	-	-	-	213	2,492
10	Kottayam	-	-	-	-	-	-	212	2,529
11	Alappuzha	-	-	-	-	-	-	124	1,130
12	Pathanamthitta	-	-	90	990	-	-	82	947
13	Kollam	-	-	36	432	-	-	70	800
14	Thiruvananthapuram	-	-	17	198	-	-	520	6,016
	Total	25	310	143	1,620	32	256	2,723	28,515

Table 20-G: State wise total mandays worked Contd

Employee category: Office Staff (Male)

Sl No.	District	Office Staff : Male					
		Tamil Nadu		Nepal		Total	
		Oct- 2016	2015-16	Oct- 2016	2015-16	Oct- 2016	2015-16
1	Kasaragod	-	-	-	-	-	-
2	Kannur	-	-	-	-	254	3,030
3	Wayanad	-	-	48	494	152	1,621
4	Kozhikode	-	-	-	-	293	1,985
5	Malappuram	-	-	-	-	386	4,110
6	Palakkad	40	400	-	-	230	1,924
7	Thrissur	-	-	-	-	277	2,731
8	Ernakulam	-	-	-	-	55	660
9	Idukki	-	-	-	-	213	2,492
10	Kottayam	-	-	-	-	212	2,529
11	Alappuzha	-	-	-	-	124	1,130
12	Pathanamthitta	-	-	-	-	172	1,937
13	Kollam	-	-	-	-	106	1,232
14	Thiruvananthapuram	-	-	-	-	537	6,214
	Total	40	400	48	494	3,011	31,595

Table 20-H: State wise total mandays worked

Employee category: Office Staff (Female)

Sl No.	District	Office Staff : Female								
		Assam	West Bengal		Kerala		Nepal		Total	
		Oct-2016	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	-	210	2,222	-	-	210	2,222
2	Kannur	-	-	-	276	2,938	-	-	276	2,938
3	Wayanad	-	-	-	83	930	-	-	83	930
4	Kozhikode	-	24	250	459	4,301	46	480	529	5,031
5	Malappuram	-	-	-	114	1,040	-	-	114	1,040
6	Palakkad	-	-	-	500	5,206	-	-	500	5,206
7	Thrissur	-	-	-	813	8,973	-	-	813	8,973
8	Ernakulam	-	-	-	531	5,268	-	-	531	5,268
9	Idukki	-	-	-	92	879	-	-	92	879
10	Kottayam	-	-	-	415	4,422	-	-	415	4,422
11	Alappuzha	-	-	-	170	1,847	-	-	170	1,847
12	Pathanamthitta	-	-	-	353	3,993	-	-	353	3,993
13	Kollam	-	-	-	72	842	-	-	72	842
14	Thiruvananthapuram	30	16	180	306	3,362	-	-	352	3,542
	Total	30	40	430	4,394	46,223	46	480	4,510	47,133

Table 20-I: State wise total mandays worked

Employee category: Skilled Workers (Male)

Sl No.	District	Skilled Workers : Male									
		Bihar		Arunachal Pradesh		Nagaland		Manipur		Mizoram	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	25	270	-	-	-	-	-	-	-	-
2	Kannur	102	1,257	-	-	-	-	-	-	-	-
3	Wayanad	340	2,525	-	-	54	486	-	-	-	-
4	Kozhikode	612	4,176	88	-	-	-	-	-	-	-
5	Malappuram	1,393	14,731	16	-	-	-	51	560	-	-
6	Palakkad	969	8,238	-	-	-	-	-	-	-	-
7	Thrissur	6,967	70,843	-	-	-	-	21	-	-	-
8	Ernakulam	766	6,816	170	1,000	-	-	-	-	-	-
9	Idukki	80	736	-	-	-	-	-	-	-	-
10	Kottayam	781	8,825	-	-	-	-	-	-	22	220
11	Alappuzha	409	4,390	-	-	-	-	-	-	-	-
12	Pathanamthitta	40	570	-	-	-	-	-	-	-	-
13	Kollam	142	1,695	-	-	-	-	-	-	-	-
14	Thiruvananthapuram	60	750	-	-	-	-	-	-	-	-
	Total	12,686	1,25,822	274	1,000	54	486	72	560	22	220

Table 20-I: State wise total mandays worked Contd

Employee category: Skilled Workers (Male)

Sl No.	District	Skilled Workers : Male									
		Tripura		Meghalaya		Assam		West Bengal		Himachal Pradesh	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	-	-	140	1,200	152	1,132	-	-
2	Kannur	-	-	-	-	1,158	12,164	763	8,421	15	85
3	Wayanad	-	-	-	-	478	3,502	72	765	-	-
4	Kozhikode	20	220	66	900	2,395	21,574	3,103	29,836	-	-
5	Malappuram	-	-	19	225	2,361	24,703	1,224	10,597	-	-
6	Palakkad	-	-	125	1,320	1,688	14,964	406	4,265	-	-
7	Thrissur	-	-	270	2,194	5,053	49,544	2,250	24,356	-	-
8	Ernakulam	-	-	575	5,366	11,360	1,02,880	4,916	49,922	-	-
9	Idukki	-	-	174	2,018	3,008	32,985	1,053	11,317	-	-
10	Kottayam	-	-	75	782	3,176	33,720	5,297	58,109	-	-
11	Alappuzha	-	-	-	-	502	4,734	8,815	94,571	-	-
12	Pathanamthitta	16	176	20	210	637	7,307	9,966	1,09,696	-	-
13	Kollam	-	-	92	1,095	2,672	31,306	17,751	2,02,048	30	360
14	Thiruvananthapuram	-	-	140	1,635	2,329	27,420	13,624	1,56,553	-	-
	Total	36	396	1,556	15,745	36,957	3,68,003	69,392	7,61,588	45	445

Table 20-I: State wise total mandays workedContd

Employee category: Skilled Workers (Male)

Sl No.	District	Skilled Workers : Male									
		Jharkhand		Orissa		Chhattisgarh		Madhya Pradesh		Gujarat	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	25	300	-	-	-	-	-	-
2	Kannur	330	3,780	285	3,335	100	1,200	15	85	-	-
3	Wayanad	169	1,846	353	3,288	-	-	-	-	-	-
4	Kozhikode	179	2,190	1,924	18,184	20	220	-	-	-	-
5	Malappuram	162	1,742	1,887	22,060	75	900	-	-	-	-
6	Palakkad	804	6,932	1,779	18,951	-	-	-	-	-	-
7	Thrissur	149	1,380	4,266	45,565	488	5,204	63	642	40	390
8	Ernakulam	1,256	11,072	5,667	50,107	-	-	-	-	-	-
9	Idukki	140	1,455	158	1,833	36	430	137	1,637	-	-
10	Kottayam	20	230	384	3,232	-	-	-	-	-	-
11	Alappuzha	15	150	314	3,552	-	-	-	-	-	-
12	Pathanamthitta	-	-	20	210	-	-	-	-	-	-
13	Kollam	36	432	84	980	-	-	-	-	-	-
14	Thiruvananthapuram	91	1,106	220	2,715	154	2,540	-	-	-	-
	Total	3,351	32,315	17,366	1,74,312	873	10,494	215	2,364	40	390

Table 20-I: State wise total mandays workedContd

Employee category: Skilled Workers (Male)

Sl No.	District	Skilled Workers : Male									
		Andhra Pradesh		Karnataka		Kerala		Tamil Nadu		Thelungana	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	-	-	1,099	11,775	-	-	-	-
2	Kannur	-	-	-	-	1,626	18,703	37	424	-	-
3	Wayanad	-	-	51	1,355	3,440	34,494	52	473	-	-
4	Kozhikode	-	-	16	200	2,104	22,049	15	180	-	-
5	Malappuram	-	-	19	-	5,510	60,397	244	2,932	-	-
6	Palakkad	-	-	-	-	7,040	69,472	471	5,108	-	-
7	Thrissur	60	730	20	160	3,898	42,431	178	2,052	-	-
8	Ernakulam	-	-	-	-	2,257	21,830	18	200	42	372
9	Idukki	-	-	-	-	3,270	37,663	-	-	-	-
10	Kottayam	-	-	-	-	2,739	30,319	134	1,619	-	-
11	Alappuzha	-	-	-	-	925	10,512	-	-	-	-
12	Pathanamthitta	-	-	-	-	713	7,695	216	2,360	-	-
13	Kollam	-	-	-	-	1,642	18,200	24	290	-	-
14	Thiruvananthapuram	-	-	-	-	3,291	34,863	10	120	-	-
	Total	60	730	106	1,715	39,554	4,20,403	1,399	15,758	42	372

Table 20-I: State wise total mandays workedContd

Employee category: Skilled Workers (Male)

Sl No.	District	Skilled Workers : Male									
		Nepal		Bangladesh		Other Countries		Chandigarh		Haryana	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	-	-	-	-	-	-	-	-
2	Kannur	-	-	-	-	-	-	-	-	-	-
3	Wayanad	-	-	-	-	-	-	-	-	-	-
4	Kozhikode	81	960	-	-	21	216	50	590	-	-
5	Malappuram	120	1,350	45	484	-	-	47	470	-	-
6	Palakkad	-	-	-	-	-	-	100	1,150	-	-
7	Thrissur	-	-	18	162	-	-	182	1,520	-	-
8	Ernakulam	-	-	-	-	-	-	60	500	15	400
9	Idukki	148	1,770	-	-	-	-	-	-	-	-
10	Kottayam	60	710	-	-	-	-	32	400	-	-
11	Alappuzha	-	-	-	-	-	-	-	-	-	-
12	Pathanamthitta	38	460	34	415	-	-	-	-	-	-
13	Kollam	-	-	-	-	-	-	-	-	-	-
14	Thiruvananthapuram	-	-	-	-	-	-	-	-	-	-
	Total	447	5,250	97	1,061	21	216	471	4,630	15	400

Table 20-I: State wise total mandays workedContd

Employee category: Skilled Workers (Male)

Sl No.	District	Skilled Workers : Male							
		Delhi		Rajasthan		Uttar Pradesh		Total	
		Oct- 2016	2015-16	Oct- 2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	-	-	-	-	1,441	14,677
2	Kannur	-	-	20	240	-	-	4,451	49,694
3	Wayanad	-	-	-	-	25	175	5,034	48,909
4	Kozhikode	-	-	-	-	129	1,548	10,823	1,03,043
5	Malappuram	-	-	-	-	219	2,318	13,392	1,43,469
6	Palakkad	-	-	-	-	155	1,316	13,537	1,31,716
7	Thrissur	174	1,150	48	570	600	5,674	24,745	2,54,567
8	Ernakulam	140	13,400	160	1,560	44	528	27,446	2,65,953
9	Idukki	-	-	-	-	-	-	8,204	91,844
10	Kottayam	-	-	-	-	48	456	12,768	1,38,622
11	Alappuzha	-	-	-	-	40	474	11,020	1,18,383
12	Pathanamthitta	-	-	-	-	-	-	11,700	1,29,099
13	Kollam	-	-	110	1,315	-	-	22,583	2,57,721
14	Thiruvananthapuram	-	-	16	192	-	-	19,935	2,27,894
	Total	314	14,550	354	3,877	1,260	12,489	1,87,079	19,75,591

Table 20-J: State wise total mandays worked

Employee category: Skilled Workers (Female)

Sl No.	District	Skilled Workers : Female									
		Bihar		Assam		West Bengal		Jharkhand		Orissa	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	-	-	-	-	-	-	-	-
2	Kannur	-	-	-	-	192	2,304	-	-	-	-
3	Wayanad	-	-	100	600	-	-	-	-	-	-
4	Kozhikode	-	-	-	-	-	-	-	-	-	-
5	Malappuram	-	-	60	-	50	280	-	-	-	-
6	Palakkad	-	-	132	1,320	17	190	-	-	20	210
7	Thrissur	177	2,349	68	814	80	860	-	-	132	1,430
8	Ernakulam	-	-	102	2,431	100	1,113	-	-	77	857
9	Idukki	-	-	20	230	19	221	19	224	-	-
10	Kottayam	-	-	28	330	64	710	-	-	24	290
11	Alappuzha	-	-	80	250	-	-	-	-	-	-
12	Pathanamthitta	-	-	-	-	116	1,617	-	-	-	-
13	Kollam	-	-	50	600	243	2,874	-	-	-	-
14	Thiruvananthapuram	-	-	-	-	313	3,864	-	-	-	-
	Total	177	2,349	640	6,575	1,194	14,033	19	224	253	2,787

Table 20-J: State wise total mandays workedContd

Employee category: Skilled Workers (Female)

Sl No.	District	Skilled Workers : Female							
		Kerala		Tamil Nadu		Chandigarh		Total	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct- 2016	2015-16
1	Kasaragod	90	1,339	-	-	-	-	90	1,339
2	Kannur	277	3,211	-	-	-	-	469	5,515
3	Wayanad	213	2,039	-	-	-	-	313	2,639
4	Kozhikode	16	182	-	-	50	590	66	772
5	Malappuram	264	2,888	-	-	-	-	374	3,168
6	Palakkad	1,517	14,860	-	-	-	-	1,686	16,580
7	Thrissur	1,007	10,096	-	-	-	-	1,464	15,549
8	Ernakulam	319	2,416	-	-	-	-	598	6,817
9	Idukki	222	1,985	-	-	-	-	280	2,660
10	Kottayam	121	1,325	-	-	-	-	237	2,655
11	Alappuzha	18	200	-	-	-	-	98	450
12	Pathanamthitta	12	125	20	220	-	-	148	1,962
13	Kollam	124	1,458	80	900	-	-	497	5,832
14	Thiruvananthapuram	363	2,616	-	-	-	-	676	6,480
	Total	4,563	44,740	100	1,120	50	590	6,996	72,418

Table 20-K: State wise total mandays worked

Employee category: Unskilled Worker (Male)

Sl No.	District	Unskilled Worker (Male)									
		Bihar		Arunachal Pradesh		Nagaland		Manipur		Mizoram	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	274	2,715	-	-	-	-	-	-	-	-
2	Kannur	209	2,336	-	-	-	-	-	-	-	-
3	Wayanad	113	1,176	-	-	-	-	-	-	-	-
4	Kozhikode	949	9,751	-	-	-	-	-	-	-	-
5	Malappuram	2,080	36,064	32	-	-	-	-	-	-	-
6	Palakkad	731	8,225	-	-	-	-	-	-	-	-
7	Thrissur	4,338	5,27,293	60	720	52	500	-	-	-	-
8	Ernakulam	103	979	15	50	-	-	-	-	-	-
9	Idukki	115	700	-	-	-	-	108	1,520	-	-
10	Kottayam	881	10,286	-	-	-	-	-	-	66	660
11	Alappuzha	909	9,821	-	-	-	-	-	-	-	-
12	Pathanamthitta	80	1,060	-	-	-	-	-	-	-	-
13	Kollam	60	720	-	-	-	-	-	-	-	-
14	Thiruvananthapuram	-	-	-	-	-	-	-	-	-	-
	Total	10,842	6,11,126	107	770	52	500	108	1,520	66	660

Table 20-K: State wise total mandays workedContd

Employee category: Unskilled Worker (Male)

Sl No.	District	Unskilled Worker (Male)									
		Tripura		Meghalaya		Assam		West Bengal		Himachal Pradesh	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	51	-	452	3,988	454	5,009	-	-
2	Kannur	-	-	-	-	2,029	18,644	1,606	18,566	-	-
3	Wayanad	-	-	-	-	945	6,594	387	2,619	-	-
4	Kozhikode	60	660	50	500	1,015	8,846	2,184	21,556	-	-
5	Malappuram	-	-	113	1,370	2,963	32,295	2,624	28,861	-	-
6	Palakkad	-	-	189	2,815	1,533	11,686	509	5,100	10	128
7	Thrissur	-	-	103	924	2,464	26,047	885	9,997	-	-
8	Ernakulam	-	-	695	5,794	11,415	97,770	2,229	22,114	-	-
9	Idukki	-	-	42	500	4,761	53,066	651	7,532	-	-
10	Kottayam	-	-	50	545	4,307	62,141	6,286	71,412	-	-
11	Alappuzha	-	-	-	-	320	3,647	4,443	43,123	-	-
12	Pathanamthitta	48	528	40	420	1,198	13,841	7,314	74,597	-	-
13	Kollam	-	432	60	720	1,457	17,006	7,185	79,713	-	-
14	Thiruvananthapuram	-	-	142	1,680	1,187	12,379	7,927	88,147	-	-
	Total	108	1,620	1,535	15,268	36,046	3,67,950	44,684	4,78,346	10	128

Table 20-K: State wise total mandays workedContd

Employee category: Unskilled Worker (Male)

Sl No.	District	Unskilled Worker (Male)									
		Jharkhand		Orissa		Chhattisgarh		Madhya Pradesh		Gujarat	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	120	1,440	-	-	-	-	-	-
2	Kannur	707	8,144	964	11,247	-	-	-	-	-	-
3	Wayanad	60	550	567	5,745	-	-	-	-	-	-
4	Kozhikode	221	2,580	1,858	19,803	20	220	-	-	-	-
5	Malappuram	330	3,886	2,251	26,347	-	-	-	-	-	-
6	Palakkad	310	3,598	2,252	25,719	68	-	-	-	-	-
7	Thrissur	265	2,880	3,568	39,606	100	960	71	760	40	370
8	Ernakulam	600	5,077	7,097	67,457	-	-	-	-	-	-
9	Idukki	-	-	227	2,471	-	-	57	680	-	-
10	Kottayam	215	2,235	468	5,697	-	-	-	-	-	-
11	Alappuzha	-	-	149	1,555	-	-	-	-	-	-
12	Pathanamthitta	142	1,562	40	420	-	-	-	-	-	-
13	Kollam	77	884	-	-	-	-	-	-	-	-
14	Thiruvananthapuram	50	612	100	1,200	98	1,200	-	-	-	-
	Total	2,977	32,008	19,661	2,08,707	286	2,380	128	1,440	40	370

Table 20-K: State wise total mandays workedContd

Employee category: Unskilled Worker (Male)

Sl No.	District	Unskilled Worker (Male)									
		Andhra Pradesh		Karnataka		Punjab		Kerala		Tamil Nadu	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	200	2,400	-	-	1,605	18,631	-	-
2	Kannur	-	-	-	-	-	-	734	8,204	-	-
3	Wayanad	-	-	40	748	-	-	1,216	10,918	-	-
4	Kozhikode	-	-	-	-	-	-	2,022	24,334	75	900
5	Malappuram	-	-	-	-	45	550	2,350	27,826	327	3,675
6	Palakkad	-	-	-	-	-	-	3,508	41,850	77	774
7	Thrissur	-	-	-	-	-	-	2,425	25,085	102	1,074
8	Ernakulam	-	-	-	-	-	-	884	8,490	12	148
9	Idukki	-	-	-	-	-	-	1,951	22,198	-	-
10	Kottayam	-	-	-	-	-	-	2,288	24,747	48	570
11	Alappuzha	-	-	-	-	-	-	374	4,560	-	-
12	Pathanamthitta	-	-	-	-	-	-	344	4,281	190	1,970
13	Kollam	30	350	-	-	-	-	688	7,095	-	-
14	Thiruvananthapuram	-	-	-	-	-	-	917	10,530	40	480
	Total	30	350	240	3,148	45	550	21,306	2,38,749	871	9,591

Table 20-K: State wise total mandays workedContd

Employee category: Unskilled Worker (Male)

Sl No.	District	Unskilled Worker (Male)									
		Thelungana		Nepal		Bangladesh		Chandigarh		Uttranchal	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	-	-	-	-	-	-	-	-
2	Kannur	-	-	-	-	-	-	-	-	-	-
3	Wayanad	-	-	-	-	-	-	-	-	-	-
4	Kozhikode	-	-	74	880	-	-	-	-	-	-
5	Malappuram	-	-	80	855	40	480	97	913	-	-
6	Palakkad	-	-	-	-	-	-	-	-	-	-
7	Thrissur	-	-	-	-	18	162	-	-	-	-
8	Ernakulam	84	741	-	-	-	-	-	-	-	-
9	Idukki	-	-	-	-	28	337	-	-	-	-
10	Kottayam	-	-	90	970	-	-	-	-	113	1,400
11	Alappuzha	-	-	-	-	80	810	-	-	-	-
12	Pathanamthitta	-	-	38	460	54	635	-	-	-	-
13	Kollam	-	-	-	-	-	-	-	-	-	-
14	Thiruvananthapuram	-	-	-	-	-	-	-	-	-	-
	Total	84	741	282	3,165	220	2,424	97	913	113	1,400

Table 20-K: State wise total mandays workedContd

Employee category: Unskilled Worker (Male)

Sl No.	District	Unskilled Worker (Male)									
		Haryana		Delhi		Rajasthan		Uttar Pradesh		Total	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	-	-	-	-	-	-	3,156	34,183
2	Kannur	-	-	-	-	40	480	40	-	6,329	67,621
3	Wayanad	-	-	-	-	-	-	-	-	3,328	28,350
4	Kozhikode	-	-	-	-	15	-	78	950	8,621	90,980
5	Malappuram	-	-	-	-	-	-	282	3,255	13,614	1,66,377
6	Palakkad	-	-	-	-	-	-	170	1,695	9,357	1,01,590
7	Thrissur	-	-	70	285	73	870	667	6,843	15,301	6,44,376
8	Ernakulam	24	236	-	-	-	-	-	-	23,158	2,08,856
9	Idukki	-	-	-	-	-	-	-	-	7,940	89,004
10	Kottayam	-	-	-	-	-	-	48	460	14,860	1,81,123
11	Alappuzha	-	-	-	-	-	-	-	-	6,275	63,516
12	Pathanamthitta	-	-	-	-	-	-	-	-	9,488	99,774
13	Kollam	-	-	-	-	-	-	45	500	9,602	1,07,420
14	Thiruvananthapuram	-	-	-	-	16	192	-	-	10,477	1,16,420
	Total	24	236	70	285	144	1,542	1,330	13,703	1,41,506	19,99,590

Table 20-L: State wise total mandays worked

Employee category: Unskilled Worker (Female)

Sl No.	District	Unskilled Workers : Female							
		Bihar		Meghalaya		Assam		West Bengal	
		Oct-2016	2015-16	Oct- 2016	2015-16	Oct- 2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	17	-	149	1,629	43	471
2	Kannur	40	520	-	-	-	-	-	288
3	Wayanad	-	-	-	-	-	-	175	1,225
4	Kozhikode	-	-	-	-	-	-	11	105
5	Malappuram	-	-	-	-	-	-	44	552
6	Palakkad	-	-	-	-	98	1,100	-	-
7	Thrissur	75	855	-	-	58	601	80	790
8	Ernakulam	-	-	50	493	75	710	40	440
9	Idukki	-	-	-	-	71	790	-	-
10	Kottayam	-	-	-	-	-	-	36	380
11	Alappuzha	-	-	-	-	-	-	-	-
12	Pathanamthitta	-	-	-	-	105	1,121	36	400
13	Kollam	-	-	-	-	-	-	38	456
14	Thiruvananthapuram	-	-	-	-	-	-	15	180
	Total	115	1,375	67	493	556	5,951	518	5,287

Table 20-L: State wise total mandays workedContd

Employee category: Unskilled Worker (Female)

Sl No.	District	Unskilled Workers : Female							
		Jharkhand		Orissa		Chattisgarh		Karnataka	
		Oct-2016	2015-16	Oct- 2016	2015-16	Oct- 2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	-	-	-	-	125	1,500
2	Kannur	-	-	-	-	-	-	-	-
3	Wayanad	-	-	23	255	-	-	30	350
4	Kozhikode	25	300	-	-	-	-	-	-
5	Malappuram	-	-	50	550	-	-	-	-
6	Palakkad	23	258	40	450	-	-	-	-
7	Thrissur	24	280	159	1,688	20	180	-	-
8	Ernakulam	-	-	57	358	-	-	-	-
9	Idukki	-	-	-	-	-	-	-	-
10	Kottayam	25	275	-	-	-	-	-	-
11	Alappuzha	15	150	-	-	-	-	-	-
12	Pathanamthitta	-	-	-	-	-	-	-	-
13	Kollam	-	-	-	-	-	-	-	-
14	Thiruvananthapuram	-	-	-	-	-	-	-	-
	Total	112	1,263	329	3,301	20	180	155	1,850

Table 20-L: State wise total mandays workedContd

Employee category: Unskilled Worker (Female)

Sl No.	District	Unskilled Workers : Female									
		Kerala		Tamil Nadu		Rajasthan		Uttar Pradesh		Total	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	525	5,053	-	-	-	-	-	-	859	8,653
2	Kannur	511	5,931	-	-	-	-	-	-	551	6,739
3	Wayanad	753	7,641	-	-	-	-	-	-	981	9,471
4	Kozhikode	793	8,387	-	-	-	-	-	-	829	8,792
5	Malappuram	346	3,840	-	-	-	-	40	480	480	5,422
6	Palakkad	5,488	54,816	15	170	-	-	-	-	5,664	56,794
7	Thrissur	2,462	26,326	395	-	-	-	-	-	3,273	30,720
8	Ernakulam	1,126	9,337	12	148	-	-	-	-	1,360	11,486
9	Idukki	83	980	-	-	-	-	-	-	154	1,770
10	Kottayam	527	5,590	-	-	-	-	-	-	588	6,245
11	Alappuzha	194	2,226	-	-	-	-	-	-	209	2,376
12	Pathanamthitta	57	826	-	-	-	-	-	-	198	2,347
13	Kollam	46	425	-	-	-	-	-	-	84	881
14	Thiruvananthapuram	406	4,920	-	-	16	192	-	-	437	5,292
	Total	13,317	1,36,298	422	318	16	192	40	480	15,667	1,56,988

Table 20-M: State wise total mandays worked

Employee category: Security (Male)

Sl No.	District	Security (Male)					
		Meghalaya		Assam		West Bengal	
		Oct-2016	2015-16	Oct- 2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	-	-	-	-
2	Kannur	-	-	-	-	54	360
3	Wayanad	-	-	-	-	-	-
4	Kozhikode	-	-	-	-	-	-
5	Malappuram	-	-	-	-	-	-
6	Palakkad	-	-	-	-	-	-
7	Thrissur	-	-	-	-	-	-
8	Ernakulam	-	-	50	580	-	-
9	Idukki	-	-	-	-	-	-
10	Kottayam	30	350	-	-	-	-
11	Alappuzha	-	-	-	-	-	-
12	Pathanamthitta	-	-	-	-	-	-
13	Kollam	-	-	-	-	-	-
14	Thiruvananthapuram	-	-	-	-	-	-
	Total	30	350	50	580	54	360

Table 20-M: State wise total mandays worked Contd

Employee category: Security (Male)

Sl No.	District	Security (Male)				
		Jharkhand		Kerala		Total
		Oct- 2016	2015-16	Oct- 2016	2015-16	Oct- 2016
1	Kasaragod	-	-	70	845	70
2	Kannur	-	-	22	275	76
3	Wayanad			-	-	-
4	Kozhikode	-	-	55	666	55
5	Malappuram	-	-	103	560	103
6	Palakkad	30	360	81	642	111
7	Thrissur	-	-	-	-	-
8	Ernakulam	-	-	56	675	106
9	Idukki	-	-	38	436	38
10	Kottayam	-	-	52	584	82
11	Alappuzha	-	-	54	631	54
12	Pathanamthitta	-	-	-	-	-
13	Kollam		-	50	520	50
14	Thiruvananthapuram	-	-	65	720	65
	Total	30	360	646	6,554	810

Table 20-N: State wise total mandays worked

Employee category: Others (Male)

Sl No.	District	Others (Male)									
		Bihar		Assam		West Bengal		Jharkhand		Orissa	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	-	-	-	-	-	-	-	-
2	Kannur	-	-	112	1,270	-	-	-	-	40	480
3	Wayanad	-	-	-	-	-	-	-	-	-	-
4	Kozhikode	114	1,393	-	-	-	-	25	300	137	1,697
5	Malappuram	-	-	96	1,056	-	-	-	-	-	-
6	Palakkad	-	-	-	-	-	-	-	-	40	440
7	Thrissur	30	270	-	-	-	-	-	-	-	-
8	Ernakulam	-	-	20	250	38	390	70	330	-	-
9	Idukki	-	-	-	-	-	-	-	-	-	-
10	Kottayam	-	-	23	260	20	210	-	-	-	-
11	Alappuzha	-	-	-	-	147	1,682	-	-	-	-
12	Pathanamthitta	-	-	-	-	-	-	-	-	-	-
13	Kollam	-	-	-	-	20	250	-	-	-	-
14	Thiruvananthapuram	-	-	-	-	62	744	-	-	-	-
	Total	144	1,663	251	2,836	287	3,276	95	630	217	2,617

Table 20-N: State wise total mandays worked Contd

Employee category: Others (Male)

Sl No.	District	Others (Male)					
		Kerala		Tamil Nadu		Total	
		Oct- 2016	2015-16	Oct- 2016	2015-16	Oct- 2016	2015-16
1	Kasaragod	340	3,950	-	-	340	3,950
2	Kannur	232	2,368	-	-	384	4,118
3	Wayanad	66	697	-	-	66	697
4	Kozhikode	161	1,642	-	-	437	5,032
5	Malappuram	394	4,435	72	849	562	6,340
6	Palakkad	61	666	-	-	101	1,106
7	Thrissur	1,132	12,342	-	-	1,162	12,612
8	Ernakulam	501	4,543	-	-	629	5,513
9	Idukki	737	8,298	-	-	737	8,298
10	Kottayam	1,552	18,016	-	-	1,595	18,486
11	Alappuzha	957	10,187	-	-	1,104	11,869
12	Pathanamthitta	1,834	19,942	-	-	1,834	19,942
13	Kollam	1,088	11,649	-	-	1,108	11,899
14	Thiruvananthapuram	3,858	43,853	-	-	3,920	44,597
	Total	12,913	1,42,588	72	849	13,979	1,54,459

Table 20-O: State wise total mandays worked

Employee category: Others (Female)

Sl No.	District	Others : Female									
		Assam		West Bengal		Orissa		Kerala		Total	
		Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16	Oct-2016	2015-16
1	Kasaragod	-	-	-	-	-	-	145	1,753	145	1,753
2	Kannur	-	-	-	-	24	252	202	2,277	226	2,529
3	Wayanad	-	-	-	-	-	-	22	240	22	240
4	Kozhikode	-	-	-	-	-	-	-	-	-	-
5	Malappuram	-	-	-	-	-	-	64	698	64	698
6	Palakkad	-	-	-	-	24	288	64	818	88	1,106
7	Thrissur	-	-	-	-	-	-	176	2,180	176	2,180
8	Ernakulam	20	250	-	-	-	-	25	290	45	540
9	Idukki	-	-	-	-	-	-	43	496	43	496
10	Kottayam	-	-	-	-	-	-	20	225	20	225
11	Alappuzha	-	-	20	230	-	-	20	300	40	530
12	Pathanamthitta	-	-	-	-	-	-	103	1,175	103	1,175
13	Kollam	-	-	-	-	-	-	-	-	-	-
14	Thiruvananthapuram	-	-	-	-	-	-	155	1,777	155	1,777
	Total	20	250	20	230	48	540	1,039	12,229	1,127	13,249

Table 21-A: Total Expenditure Incurred during October 2016 and during financial year 2015-16 (Rs. In Lakhs)

Sl No.	District Name	Salary of Employees (Including all benefits)		Building , Land Rent		Raw Materials Cost	
		Oct-16	2015-16	Oct-16	2015-16	Oct-16	2015-16
1	Kasargod	42.75	330.54	0.62	3.66	96.82	964.46
2	Kannur	69.18	756.78	2.04	21.54	299.97	3,210.09
3	Wayanad	61.01	545.94	3.21	29.36	209.06	1,915.99
4	Kozhikode	156.25	1,330.82	10.36	97.06	505.15	4,766.46
5	Malappuram	169.85	1,794.26	9.89	99.7	617.89	6,429.49
6	Palakkad	160.98	1,554.10	6.14	55.19	639.57	6,018.40
7	Thrissur	250.7	2,619.86	8.05	83.98	1,221.06	12,478.66
8	Ernakulam	303.58	2,746.91	22.07	192.74	1,411.03	12,809.15
9	Idukki	102.32	1,131.08	5.28	56.07	504.58	5,615.99
10	Kottayam	180.55	1,952.28	5.53	58.26	773.77	8,198.78
11	Alappuzha	111.26	1,149.90	2.25	18.27	564.24	5,745.20
12	Pathanamthitta	110.75	1,183.42	3.13	36.27	558.12	5,844.51
13	Kollam	176.94	1,991.68	6.81	74.79	1,074.20	11,922.89
14	Thiruvananthapuram	201.96	2,243.84	5.03	49.46	1,061.57	11,652.96
Total		2,098.08	21,331.41	90.41	876.35	9,537.03	97,573.03

Table 21-B: Total Expenditure Incurred during October 2016 and during financial year 2015-16 **(Rs. In Lakhs)**

Sl No.	District Name	Telephone , Internet Charges		Electricity/Other Fuels		Water	
		Oct-16	2015-16	Oct-16	2015-16	Oct-16	2015-16
1	Kasargod	0.17	1.83	1.72	19.24	0.01	0.08
2	Kannur	0.53	5.73	2.61	27.19	0.01	0.13
3	Wayanad	0.43	4.29	1.72	16.11	0.12	1.02
4	Kozhikode	0.96	9.43	4.81	47.93	0.17	2.11
5	Malappuram	1.49	15.59	6.63	71.34	0.13	1.34
6	Palakkad	1.34	12.57	5.99	60.07	0.12	0.98
7	Thrissur	2.17	22.23	12.13	127.17	0.23	1.88
8	Ernakulam	2.27	22.01	14.02	135.49	0.33	3.16
9	Idukki	0.56	6.06	3.37	37.89	0.12	1.13
10	Kottayam	1.82	19.81	7.68	82.7	0.35	3.74
11	Alappuzha	0.9	9.22	4.63	45.02	0.08	1.55
12	Pathanamthitta	1.27	13.61	5.36	58.79	0.05	0.59
13	Kollam	1.54	17.63	8.78	98.42	0.51	3.89
14	Thiruvananthapuram	1.88	20.07	9.07	102.2	0.28	2.59
Total		17.33	180.08	88.52	929.56	2.51	24.19

Table 21-C: Total Expenditure Incurred during October 2016 and during financial year 2015-16 (Rs. In Lakhs)

Sl No.	District Name	Maintenance		Transportation (Including Petrol/Diesel Charges)		Advertisements	
		Oct-16	2015-16	Oct-16	2015-16	Oct-16	2015-16
1	Kasargod	0.9	10.07	1.53	14.27	-	0.85
2	Kannur	3.48	23.03	4.47	48.01	-	5.15
3	Wayanad	1.33	10.55	2.29	26.36	-	0.37
4	Kozhikode	4.45	47.98	6.09	61.79	-	3.61
5	Malappuram	4.99	46.39	13.48	122.3	-	4.69
6	Palakkad	7.38	38.8	16.03	159.68	-	3.57
7	Thrissur	9.47	107.66	23.43	234.12	-	5.39
8	Ernakulam	13.31	114.09	24.33	218.26	-	1.94
9	Idukki	10.4	42.72	12.7	138.78	-	2.6
10	Kottayam	5.9	55.74	25.73	275.64	-	7.79
11	Alappuzha	4.47	43.12	11.2	105.96	-	3.8
12	Pathanamthitta	4.12	38.09	39.94	417.53	-	5.35
13	Kollam	7.34	77.9	28.93	323.43	-	3.27
14	Thiruvananthapuram	10.78	95.59	47.79	520.02	-	4.68
Total		88.32	751.73	257.94	2,666.15	-	53.06

Table 21-D: Total Expenditure Incurred during October 2016 and during financial year 2015-16 (Rs. In Lakhs)

Sl No.	District Name	Tax, Insurance, License Fee etc.		Loan Repayment	
		Oct-16	2015-16	Oct-16	2015-16
1	Kasargod	-	4.32	3.22	31.7
2	Kannur	-	19.14	8.85	91.45
3	Wayanad	-	6.76	9.87	88.21
4	Kozhikode	-	17.48	12.06	107.84
5	Malappuram	-	18.89	14.55	157.17
6	Palakkad	-	20.42	16.29	173.67
7	Thrissur	-	75.59	43.13	488.67
8	Ernakulam	-	62.5	62.66	625.54
9	Idukki	-	19.4	15.35	174.15
10	Kottayam	-	58.13	26.45	290.89
11	Alappuzha	-	18.83	21.04	233.39
12	Pathanamthitta	-	32.23	21.49	240.57
13	Kollam	-	35.66	29.23	338.91
14	Thiruvananthapuram	-	52.2	33.42	378.67
Total		-	441.55	317.61	3,420.83

Table 21-E: Total Expenditure Incurred during October 2016 and during financial year 2015-16 **(Rs. In Lakhs)**

Sl No.	District Name	Loading/Unloading Charges		Other miscellaneous expenditures	
		Oct-16	2015-16	Oct-16	2015-16
1	Kasargod	0.5	4.89	5.54	16.67
2	Kannur	2.38	23.2	1.56	14.84
3	Wayanad	3.24	28.29	0.82	6.49
4	Kozhikode	11.68	115.74	1.85	21.21
5	Malappuram	14.38	140.31	2.95	24.41
6	Palakkad	12.03	110.43	2.33	19.74
7	Thrissur	16.57	173.7	4.87	52.2
8	Ernakulam	38.41	338.38	4.62	39.51
9	Idukki	8.85	95.34	0.25	2.32
10	Kottayam	11.88	139.37	1.96	20.63
11	Alappuzha	14.35	137.09	4.82	47.32
12	Pathanamthitta	41.58	463.83	2.27	19.11
13	Kollam	54.84	630.49	4.12	39
14	Thiruvananthapuram	46.67	510.63	7.64	66.72
Total		277.36	2,911.69	45.6	390.17

Table 22: Total Income during October 2016 and last 2015-16 **(Rs. In Lakhs)**

Sl No.	District Name	Oct- 2016 (Rs. In Lakhs)	2015-16 (Rs. In Lakhs)
1	Kasargod	159.31	1,618.58
2	Kannur	439.94	4,848.97
3	Wayanad	319.97	3,012.69
4	Kozhikode	802.32	7,891.26
5	Malappuram	977.86	10,346.59
6	Palakkad	954.4	9,272.67
7	Thrissur	1,758.36	18,261.30
8	Ernakulam	2,142.28	19,587.35
9	Idukki	731.31	8,325.54
10	Kottayam	1,268.77	13,811.37
11	Alappuzha	772.81	7,810.16
12	Pathanamthitta	886.06	9,531.85
13	Kollam	1,570.35	17,709.58
14	Thiruvananthapuram	1,631.33	17,926.91
Total		14,415.07	1,49,954.82

Table 23: Value of fixed assets as on December 2016 and value of purchase, construction, improvement etc during 2015-16 (Rs. in Lakhs)

Sl No.	District	Type of Asset			
		Land		Building	
		As on December 2016 (in Rs. Lakhs)	Purchase, construction, improvement etc during 2015-16 (in Rs. Lakhs)	As on December 2016 (in Rs. Lakhs)	Purchase, construction, improvement etc during 2015-16 (in Rs. Lakhs)
1	Kasaragod	882.1	5.8	189.1	11.3
2	Kannur	1,328.0		271.4	18.1
3	Wayanad	2,123.7	2.4	298.3	31.0
4	Kozhikode	6,995.9	5.5	661.5	19.7
5	Malappuram	8,992.3	96.5	600.2	30.7
6	Palakkad	8,352.7	62.7	707.9	23.5
7	Thrissur	24,698.3	0.3	1,206.4	37.9
8	Ernakulam	24,567.6	1,910.8	1,590.7	128.3
9	Idukki	4,838.4	94.5	291.5	27.2
10	Kottayam	17,366.4	116.5	1,067.4	27.4
11	Alappuzha	7,363.4	0.5	519.3	23.9
12	Pathanamthitta	7,383.5	0.4	682.0	9.0
13	Kollam	13,216.8	1.4	812.0	14.5
14	Thiruvananthapuram	20,871.8	64.4	1,327.3	41.1
	Total	1,48,980.8	2,361.6	10,224.9	443.5

Table 23: Value of fixed assets as on December 2016 and value of purchase, construction, improvement etc during 2015-16 (Rs. in Lakhs)

.....contd.

Sl No.	District	Type of Asset			
		Motors and Pumps		Other machinery	
		As on December 2016 (in Rs. Lakhs)	Purchase, construction, improvement etc during 2015-16 (in Rs. Lakhs)	As on December 2016 (in Rs. Lakhs)	Purchase, construction, improvement etc during 2015-16 (in Rs. Lakhs)
1	Kasaragod	99.4	6.8	112.2	14.7
2	Kannur	67.3	12.8	322.0	26.2
3	Wayanad	17.5	1.1	358.6	46.9
4	Kozhikode	89.6	4.3	716.8	38.0
5	Malappuram	73.1	2.5	1,026.4	42.5
6	Palakkad	106.7	7.1	871.9	28.3
7	Thrissur	186.3	3.8	1,430.1	33.4
8	Ernakulam	239.9	26.0	1,787.4	154.8
9	Idukki	111.1	4.4	559.9	32.5
10	Kottayam	93.7	2.7	1,212.8	63.7
11	Alappuzha	100.4	2.5	518.1	15.4
12	Pathanamthitta	74.9	6.3	858.1	29.2
13	Kollam	194.0	4.5	1,305.1	20.8
14	Thiruvananthapuram	126.8	4.0	1,308.7	35.8
	Total	1,580.4	88.8	12,387.9	582.4

Table 23: Value of fixed assets as on December 2016 and value of purchase, construction, improvement etc during 2015-16 (Rs. in Lakhs)

.....contd.

Sl No.	District	Type of Asset					
		Vehicles		Computers & Furniture		Others	
		As on December 2016 (in Rs. Lakhs)	Purchase, construction, improvement etc during 2015-16 (in Rs. Lakhs)	As on December 2016 (in Rs. Lakhs)	Purchase, construction, improvement etc during 2015-16 (in Rs. Lakhs)	As on December 2016 (in Rs. Lakhs)	Purchase, construction, improvement etc during 2015-16 (in Rs. Lakhs)
1	Kasaragod	106.1	21.9	5.1	0.1	0.5	0.0
2	Kannur	205.9	1.4	14.4	1.2	11.6	0.0
3	Wayanad	105.8	1.2	5.6	0.2	5.4	0.1
4	Kozhikode	196.8	11.1	27.8	0.2	3.9	0.1
5	Malappuram	623.6	23.2	20.5	0.7	13.8	0.2
6	Palakkad	353.0	25.8	16.7	0.7	7.8	0.8
7	Thrissur	1,115.5	35.0	24.2	0.2	20.8	0.2
8	Ernakulam	982.9	16.5	31.1	3.1	71.5	1.0
9	Idukki	592.0	21.8	14.5	0.5	1.2	-
10	Kottayam	1,449.7	51.3	34.2	1.0	26.6	0.1
11	Alappuzha	990.8	25.2	16.2	0.1	16.9	0.1
12	Pathanamthitta	1,603.7	33.3	16.6	0.3	4.3	0.1
13	Kollam	1,966.2	30.7	16.1	0.5	3.5	0.1
14	Thiruvananthapuram	2,837.3	56.1	29.7	0.5	2.7	0.1
	Total	13,129.2	354.5	272.8	9.2	190.5	2.7

Table 24: Total amount of outstanding loan as on date of survey (Rs. in Lakhs)

Sl No.	District	Source of Loan					
		Public Sector Banks	Cooperative Banks	Private Sector Banks	Other Financial Institutions	Money Lenders	Friends and Relatives
1	Kasaragod	115.7	86.0	8.0	19.0		28.0
2	Kannur	214.4	91.0	57.5	71.8	44.0	14.2
3	Wayanad	126.6	53.4	68.4	161.4	27.5	75.9
4	Kozhikode	354.6	149.6	22.9	32.8	15.0	33.9
5	Malappuram	243.8	250.5	96.6	67.9	47.2	147.4
6	Palakkad	499.7	204.7	50.5	61.0	6.9	98.0
7	Thrissur	1,242.2	746.1	206.4	111.8	46.0	169.8
8	Ernakulam	1,772.2	727.2	273.6	265.2	37.0	175.2
9	Idukki	324.0	201.0	103.1	28.9	15.0	15.7
10	Kottayam	980.6	433.7	209.0	71.5	48.0	69.0
11	Alappuzha	545.0	214.4	48.2	127.4	20.0	110.3
12	Pathanamthitta	570.2	162.1	102.2	36.6	-	24.6
13	Kollam	888.5	466.7	79.6	151.5	31.4	91.6
14	Thiruvananthapuram	1,001.0	326.8	190.7	241.5	27.0	82.1
	Total	8,878.6	4,113.0	1,516.6	1,448.1	365.0	1,135.4