



GOVERNMENT OF KERALA



# **REPORT ON SAWMILLS IN KERALA 2014-15**



**SURVEY DESIGN DIVISION  
DEPARTMENT OF ECONOMICS AND STATISTICS  
KERALA**



**Government of Kerala**

# **Report on Saw mills In Kerala**

## **2014-15**

**Survey Design Division**

**Directorate of Economics & Statistics**

**September 2016**

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## Preface

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The Department of Economics and Statistics is conducting surveys and studies on subjects of importance for planning and development purposes. The State is blessed with abundant forest cover which protect our environment and fetch a considerable share in State GDP. Wood based industries played an important role in the State economy as it was a major employment and income generating industry particularly the Saw Mills working across the State. But the stringent rules and regulations for environment protection reduce the availability of forest wood and short supply of indigenous wood from trees outside forest together cause the dismal performance of Saw Mills. Presently there is no official statistics available in this area. In this context, the Government have accorded sanction to conduct a survey on saw mills in the State and subsequently department has conducted a detailed study on the saw mills in Kerala.

Through the survey, effort was made to ascertain the total number of registered and unregistered saw mills in the State, details of species wise logs sawn, the facilities available and the number of workers in these institutions.

The schedule for data collection was prepared by Sri.Pradeepachandran Nair.K.R and Sri. Kiran.S, Research Officers and finalized by the Survey Co-ordination Committee of the Department under the chairmanship of Sri.A.Rajan, Joint Director (Rtd). I thank all the members of the committee for their sincere efforts.

This report is prepared by Sri.PradeepachandranNair.K.R, Research Officer under the guidance of Smt.C.S.Lathakumari, Joint Director, Survey and Design Division of the Directorate of Economics & Statistics. At district level, the survey was supervised by the Deputy Directors and Research Officers of the district offices and at Taluk level, Taluk Statistical Officers and Statistical Inspectors. The data collection was carried out by the enumerators hired on contract basis who worked under the immediate supervision of Statistical Investigators working in the various Taluk Statistical Offices. I acknowledge the tireless work done by all of them to make the survey a success.

I hope that this report will be useful to the planners, policy makers, academicians and researchers. Suggestions for improvement of the content of the report will be highly appreciated.



31.08.2016

V.Ramachandran  
Director General





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Supervision - District Level	Deputy Directors & Research Officers
Supervision - Taluk Level	Taluk Statistical Officers & Statistical Inspectors
Data Collection	Statistical Investigators of Taluk Statistical Offices

SOFTWARE	
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# Highlights

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## 1. General characteristics of saw mills in Kerala

- ✓ A total of 3696 saw mills are working across the State. Kollam district tops with 11.6% (430) of the total number of Saw mills followed by Malappuram 11.4% (422).
- ✓ Out of 3696 units 2385 are saw mills, 789 are saw mills with depot and 522 are saw mills with wooden furniture units.
- ✓ Out of 3696 saw mills in the State, 3111 are functioning under proprietorship and 550 in partnership.
- ✓ 88% of the saw mills in the state are having necessary sanction from Empowered Committee - Forest Department and 663 are functioning without pollution certificate.
- ✓ 54% of sawmills were started between the year 1990 and 2010.
- ✓ 99% of the saw mills in the State are functioning in Compounds with area more than 100 cents.
- ✓ 71% or 2636 of the saw mills in the State do not have any kind of Insurance cover.
- ✓ Workers in 3.4% or 125 saw mills in the State are covered under EPF and 7.1% (261) ESI Schemes.

## 2. Consumption and Production

- ✓ The survey results show that use of hard wood from forest wood is 95034 m<sup>3</sup>, Local wood 1520433 m<sup>3</sup> and Imported wood 172546 m<sup>3</sup>.

- ✓ Use of soft wood from forest is 14972 m<sup>3</sup>, Local wood 735786 m<sup>3</sup> and Imported wood 1535 m<sup>3</sup>.
- ✓ The major forest timber species of hard wood used in timber sales and used for making door, windows and furniture were teak (56.3%), Mahogani (8.3%), Eeti(Rose wood) (6.7%), Anjili(Aini) (6%) and Irul (Kadamaram) (5%).
- ✓ The most consumed items of forest timber species (Soft wood) Mavu(31.6%), Vatta(21.1%), Thanni (10.2%).
- ✓ Jack (23%), Thengu (21%), Anjili(Aini) (19%), Teak (12%) and Mahogani (11%) are the major species of local species – Hardwood used for timber.
- ✓ The major Local species used (Soft wood) as timber were Mavu(45.4%), Rubber(19.5%).
- ✓ The major imported species of hard wood timber were Pincoda (57.3%), Teak (18.3%) and soft wood timber were Pine (45.5%), Redwood (30.4%) and Spruce (23%) respectively.
- ✓ The survey results show that 1567122.7m<sup>3</sup> wood received for further processing ie planing. Out of which 1375860.7 m<sup>3</sup> hard wood and 191262 m<sup>3</sup> Soft wood.
- ✓ The major by-products are firewood and saw dust. Survey results show that fire wood produced is 180321.85 tons and saw dust is 93287.39 tons.

### **3. Work Force**

- ✓ Out of the total 19451 full time workers, 19174 are males and 277 are females.
- ✓ Out of total 1123 part time workers, 1054 are males and 69 are females.

- ✓ There are 2719 migrant workers engaged in this industry either as Managerial staff or as paid worker which is 13.2% of the total workforce (20574) in the sector.
- ✓ 28.7% of the total migrant labourers are from Tamil Nadu followed by West Bengal with 19.6% and Assam with 16.1%.
- ✓ Total man days worked during the month of November 2014 by full time male workers was 388014 and that of part time male workers was 17670.
- ✓ Total man days worked during the month November 2014 by full time female workers was 5731 and that of part time female workers was 1114.
- ✓ Total man days worked in during the month of November 2014 by all the full time workers and part time workers together found as 412529 out of which only 1.7% was female workers.

#### **4. Financial aspects.**

- ✓ Total working capital as on the date of survey (January 2015) were Rs.43000.91 lakhs.
- ✓ Total monthly and yearly expenditure were Rs.8670.56 lakhs and Rs.122330.05 lakhs respectively.
- ✓ Total monthly and yearly incomes were Rs.11589.63 lakhs and Rs. 145520.78 lakhs respectively.
- ✓ The total value of fixed assets as on the date of the survey was found to be Rs. 325081.08 lakhs.





# Chapter 1

## Introduction

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### 1.1. Survey on saw mills in Kerala

1.1.1 The origin of sawmilling in Kerala could be traced back to many centuries when timber was sawn manually for construction work and making agricultural implements. With the population increase and betterment of living condition of the people, timber has been put to a variety of uses which resulted in increased demand for sawn wood and eventually led to the mechanization in sawmilling sector. The first sawmill in Kerala was reported to be built at Bepore near Calicut, aiming to supply sawn wood to a British Company functioned in Bombay. However this did not survive for long. The organized attempt to start a sawmill in Kerala was made only at the end of 19th century and to a great extent, was the outcome of timber trade in Malabar.

1.1.2 The first organized sawmill in Kerala was set up at Kallayi in 1893. Because of transportation facilities, availability of timber and high demand for sawn wood from Bombay and Madras, this trade at Kallayi flourished. Attracted by the success, a couple of units were set up within few years.

### 1.2. Definition

1.2.1 The term sawmill used for the survey is a mechanised industrial unit in which timber is sawed into planks, boards etc.. In this survey saw mills are classified into three types- saw mills (firm in which only milling activity is carried out), saw mills plus depots (firm in which both milling and sales of logs is carried out) and saw mill plus others (Firm in which milling, sale of logs and other activities like manufacture and sales of furniture is carried out). Ply wood manufacturing units, match stick making units, packing box manufacturing units are excluded from this survey. The units in which planing, cutting and

making of furniture/doors and windows for building purposes where sawn activity are not conducting are also excluded from this survey.

### **1.3. Objectives**

1.3.1 The main objectives of the Survey was to:

- i. Ascertain the total number of registered and unregistered saw mills in Kerala.
- ii. Collect the details regarding the number and nativity of the persons working in these units.
- iii. Collect the details of workers according to their sex and nature of work.
- iv. Study the wage pattern of workers.
- v. Collect the consumption details of forest wood, local wood and imported wood in Kerala.
- vi. Collect Species wise consumption of timber.
- vii. Ascertain the facilities in saw mills.
- viii. Collect details on fixed asset, Income/Expenditure of these units.

### **1.4. Methodology**

1.4.1 The Survey was conducted by Census method. List of all sawmills were identified and data collected by visiting all Grama Panchayath/Municipalities/Corporations and by local enquiry. The details of workers, facilities, assets etc were collected from these units by direct enquiry method

by the Statistical Investigators working in the Taluk Statistical Offices under the Department of Economics and Statistics.

1.4.2 The Survey started in the month of December 2014 and field work completed by the middle of February 2015. Data entry was done through software prepared by the Computer Division of the department.

1.4.3 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 each district was vested upon the Deputy Directors in the districts.



## Chapter 2

# Characteristics of Saw Mills

### 2.1. An overview of the Saw mills in the State

2.1.1 It is found that there are 3696 Saw mills across the State. Kollam district tops with 11.6% (430) followed by Malappuram 11.4% (422) and Palakkad 11.1%(405). The least number of saw mills are functioning in Wayanad (43) which is only 1.2% of the total saw mills in the State. District-wise data are given below.

Statement-2.1: Number of saw mills in Kerala

Sl No	District	No. of Sawmills	Percentage
1	Kasargod	90	2.44
2	Kannur	212	5.74
3	Wayanad	43	1.16
4	Kozhikode	351	9.50
5	Malappuram	422	11.42
6	Palakkad	405	10.96
7	Thrissur	325	8.79
8	Ernakulam	328	8.87
9	Idukki	60	1.62
10	Kottayam	288	7.79
11	Alappuzha	275	7.44
12	Pathanamthitta	161	4.36
13	Kollam	430	11.63
14	Thiruvananthapuram	306	8.28
<b>Total</b>		<b>3696</b>	<b>100</b>

2.1.2 In this survey saw mills are classified into three types- saw mills (firm in which only sawing activity is carried out), saw mills plus Depots (firm in which both sawing and sales of timber is carried out) and saw mill plus others (Firm in which sawing, sale of timber and other activities like manufacturing and

sales of wooden furniture is carried out). District wise details are presented in Table-1.

## 2.2. Ownership of saw mills.

2.2.1 In the case of type of ownership of saw mills, the survey results shows that 84% of the saw mills in the State are operating on proprietorship and 15% of them are in partnership. District wise details are shown in Table-2.

Statement-2.2: Type of ownership of saw mills in Kerala

Type of Ownership	No: of Sawmills	Percentage
Proprietorship	3111	84.17
Partnership	550	14.88
Charitable Society	0	0
Co-operative Sector	9	0.24
Trusteeship	6	0.16
Limited Companies	10	0.27
Others	10	0.27
<b>Total</b>	<b>3696</b>	<b>100</b>

2.2.2 In the case of type of firms, 65% of the units are sawmills only and 21% of them are saw mills plus depots. Also, 14% of the saw mills in the State are saw mills plus others (means saw mills included with furniture units).



2.2.3 Among the 3661 units (under proprietorship 3111 and Partnership 550) 90% (3313) of proprietor/Managing Partner are male and 10% (348) are female. See table 4.



## 2.3. Details of Firm

2.3.1 54% of the saw mills in Kerala were established between 1990 and 2010. Also, only 11% of the saw mills were established or started by the latest owner/management before 1980. District wise details are presented in Table-7.



2.3.2 As per the survey 88% of the saw mills in the State are having certification/NOC from Empowered Committee of Forest Department whereas 12% of the saw mills are either functioning without certification/NOC or not renewed their license with the Forest Department. 97% of the saw mills in the State have obtained license from local bodies. Details of Certification/NOC from other Departments or Agencies are presented in Table-8.

2.3.3 Around 82% of the saw mills in the State are functioning in semi-pucca buildings and 2% in kacha buildings. Only 16 % saw mills are functioning in pucca buildings. District wise details are presented in Table-9.

2.3.4 Around 46% of the saw mills in the State are functioning in buildings with plinth area ranges from 1000 to 2000 sqft and around 6% with area less than 500sqft. See Table 10.

2.3.5 On considering the working hours/day 98% of the sawmills in the State are working 8 hours per day .For district wise statement, see table-11.

2.3.6 In the case of type of ownership of Buildings of saw mills, the survey results shows that 84.4% of the saw mills in the State are operating on owned

buildings and 12.8% of them are in rented buildings. District wise details are shown in Table-12.

Statement-2.3: Type of ownership of buildings of saw mills in Kerala

Sl No.	Type of Ownership of building	No: of saw mills	Percentage
1	Owned	3121	84.44
2	Rented	472	12.77
3	Leased	90	2.44
4	Others	13	0.35
	<b>Total</b>	<b>3696</b>	<b>100</b>

2.3.7 As per the survey result, 1503(40.7%) units are operating 200-249days per year during the year 2014-15 and 1025 (27.7%) units are operating less than 200 days per year. District wise details are presented in Table-14.



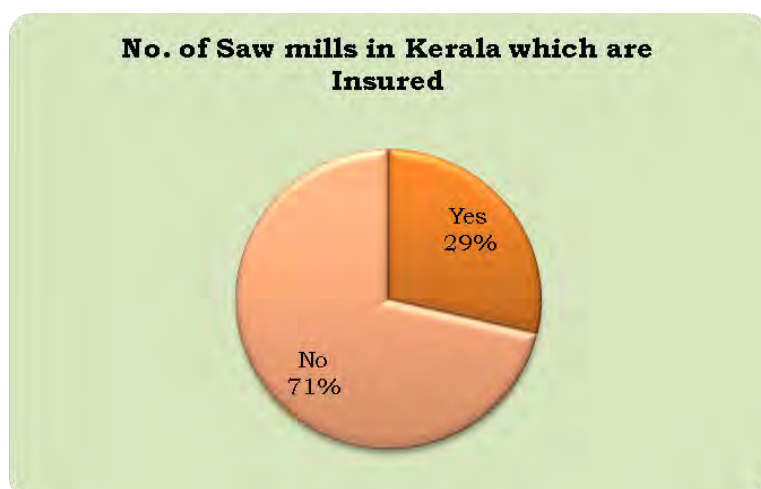
2.3.8 ENTREPRENEURS MEMORANDUM PART-II: Any person who has established a micro or small enterprise, at his discretion; or a medium enterprise engaged in providing or rendering of services may, at his discretion or a medium enterprise engaged in the manufacture or production of goods shall file the Memorandum of Micro Small or Medium Enterprise, under sub-section (1) of section 8 of the Micro, Small and Medium Enterprises Development (MSMED) Act, 2006 at District Industries Centre for all categories

of enterprises or in the office of Member Secretary, Single window Clearance Agency for Micro and Small Enterprises under whose jurisdiction the enterprise is located. As per the survey result, only 1343 (36.3%) units file EM Part-II.

2.3.9 The survey results show that 358 saw mills got subsidy/grant from government, 632 units have electricity in subsidized rate and 302 saw mills got both subsidy/grant from government and electricity in subsidized rate. District wise details are shown in Table-15.

### 2.3.10 Insurance

Insurance is a means of protection from financial loss. It is a form of risk management primarily used to hedge against the risk of a contingent, uncertain loss. The survey results show that only 1060(28.7%) saw mills are insured as a protection to their units. District wise details are shown in Table-16.



### 2.3.11 Employee Provident Fund

The EPF pension is a pension scheme for the employees of organized sector who otherwise don't have any pension scheme. This pension scheme gives a guaranteed monthly pension after the retirement. The EPF pension tries to give the social security to its employees and their families. The family of employees also gets the pension after the death of the employee. Employer also contributes to Members PF @ 10%. In the case of EPF benefit to employees of saw mills, the survey results shows that only 125 ( 3.4% ) saw mills in the

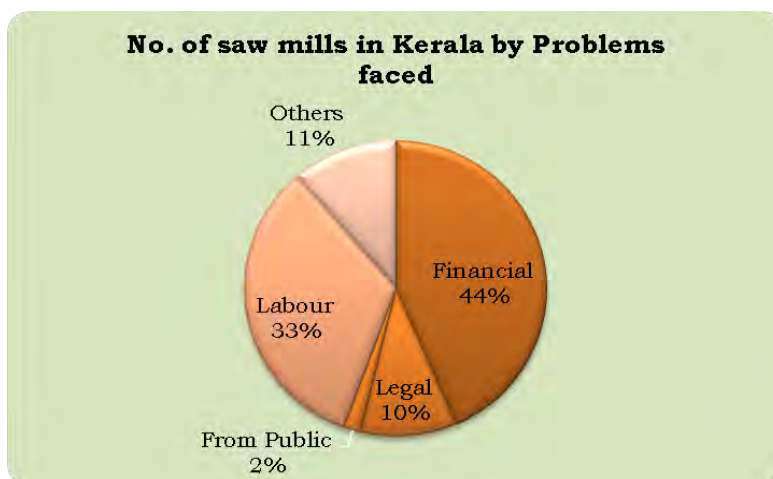
State are availing EPF contributions to their employees . District wise details are shown in Table-17.

### 2.3.12 Employees' State Insurance

Employees' State Insurance (abbreviated as ESI) is a self-financing social security and health insurance scheme. This fund is managed by the Employees' State Insurance Corporation (ESIC) according to rules and regulations stipulated there in the ESI Act 1948. ESIC is an autonomous corporation by a statutory creation under Ministry of Labour and Employment. For all employees earning Rs.15000 or less per month as wages, the employer contributes 4.75 percent and employee contributes 1.75 percent, total share 6.5 percent. This fund is managed by the ESI Corporation (ESIC) according to rules and regulations stipulated there in the ESI Act 1948, which oversees the provision of medical and cash benefits to the employees and their family. ESI scheme is a type of social security scheme for employees in the organized sector. In the case of ESI benefit to employees of saw mills, the survey results shows that only 261 ( 7.1% ) saw mills in the State are covering ESI benefits to their employees. District wise details are shown in Table-17.

### 2.3.13 Problems faced by the units

The major problems faced by the units are financial, legal and those from the public .It can be seen that a good number of institutions face financial crunch, ie, 819 of them has problem with shortage of funds whereas 193 units have legal



problems, 35 saw mills face problems from the public. It is noted that 623 saw

mills in the state reported shortage of labour i.e., 17% of units have reported shortage of labour. See Table-18 for details.





# Chapter 3

## Consumption and Production

### 3.1. Wood Consumption (In m<sup>3</sup>).

3.1.1 Lumber is a generic term that applies to various lengths of wood used as construction materials. Pieces of lumber are cut lengthwise from the trunks of trees and are characterized by having generally rectangular or square cross sections. The trees from which lumber is produced are classified as hardwoods or softwoods with their wood density. Hardwoods are generally more expensive than softwoods and are used for flooring, cabinetry, paneling, doors and frame work. They are also extensively used to manufacture furniture. Softwoods are used for wall framing, rafters (internal framework of a roof), beams, posts, decking, sheathing (protective casing or covering) and subflooring. Bulk of the sawn wood originating from either domestic or imported timber passes through these units and thus the sawmills have a key role as an intermediary between the producers and the consumers. Mainly four sources could be identified for timber purchased by mill owners, viz., homesteads, imported, forest depots and estates. Other than direct purchase, customers also brought wood for sawing.

3.1.2 In this survey species wise consumption of wood - Hard wood and Soft wood are classified into three according to the area from which it is collected namely forest, local and imported.

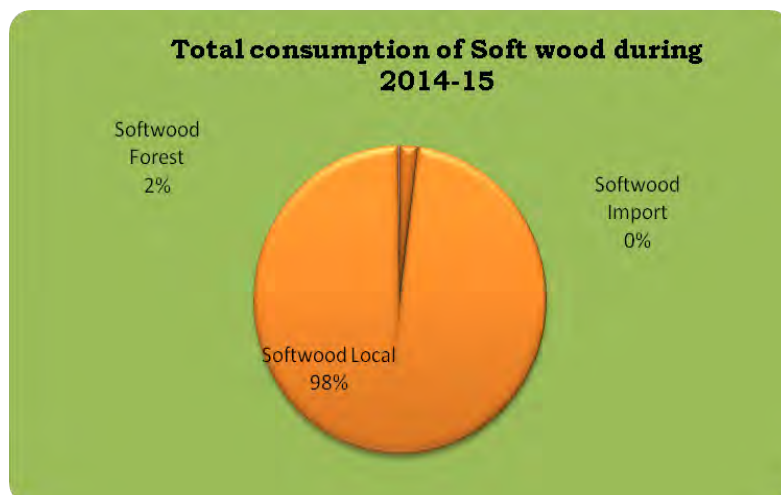
3.1.3 The survey results show that the consumption of hard wood from forest wood is 95034 m<sup>3</sup>, Local

wood 1520433 m<sup>3</sup> and Imported wood 172546 m<sup>3</sup>. This shows that in the major



part of hard wood timber used in furniture making, sawing and timber sales were from homesteads (85%), District wise details are shown in Table-25.

3.1.4 The consumption of soft wood from forest wood is 14972 m<sup>3</sup>, Local wood 735786 m<sup>3</sup> and Imported wood 1535 m<sup>3</sup>. This shows that the major part of the soft timber used in timber sales were from homesteads (98%). District wise details are shown in Table-25.



Statement-3.1: Total consumption of wood (In m3) in saw mills during 2013-14

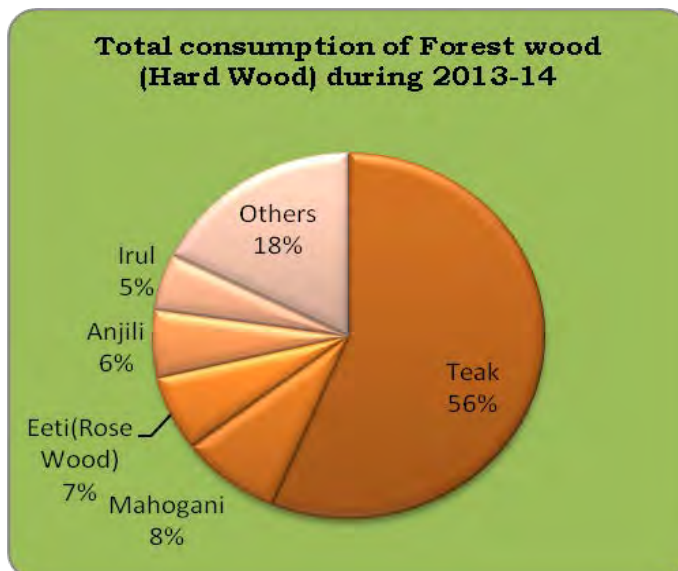
Category of wood	Hardwood		Softwood		Total
	No.	Percentage	No.	Percentage	
Forest	95034	86.39	14972	13.61	110006
Percentage	5.32		1.99		4.33
Local	1520433	67.39	735786	32.61	2256219
Percentage	85.03		97.81		88.82
Imported	172546	99.12	1535	0.88	174081
Percentage	9.65		0.20		6.85
<b>Total</b>	<b>1788013</b>	<b>70.39</b>	<b>752293</b>	<b>29.61</b>	<b>2540306</b>

Statement-3.2: Firm wise consumption of wood (In m3) during 2013-14

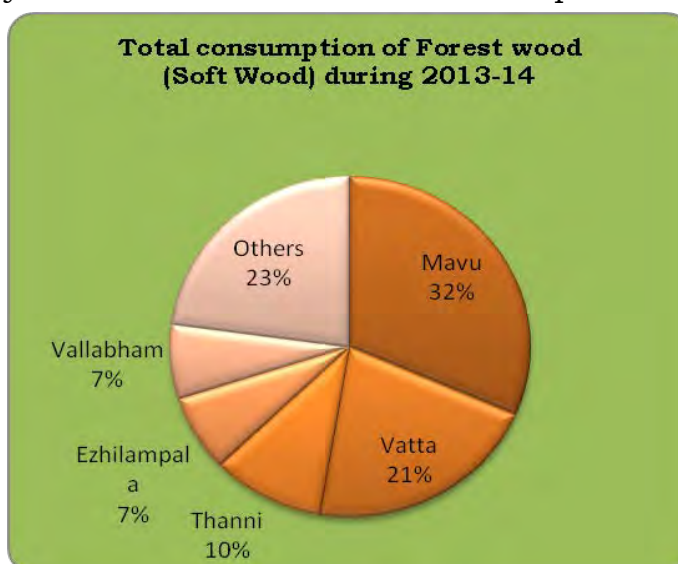
Type of firm	Forest wood		Local wood		Imported wood		Total
	No.	Percentage	No.	Percentage	No.	Percentage	
Saw mill	38597	2.66	1381777	95.09	32793	2.26	1453167
Saw mill+Depot	46471	6.16	590632	78.27	117529	15.57	754632
Saw mill+others	24938	7.50	283810	85.35	23759	7.15	332507
<b>Total</b>	<b>110006</b>		<b>2256219</b>		<b>174081</b>		<b>2540306</b>

### 3.2 Type of timber processed (Species wise)

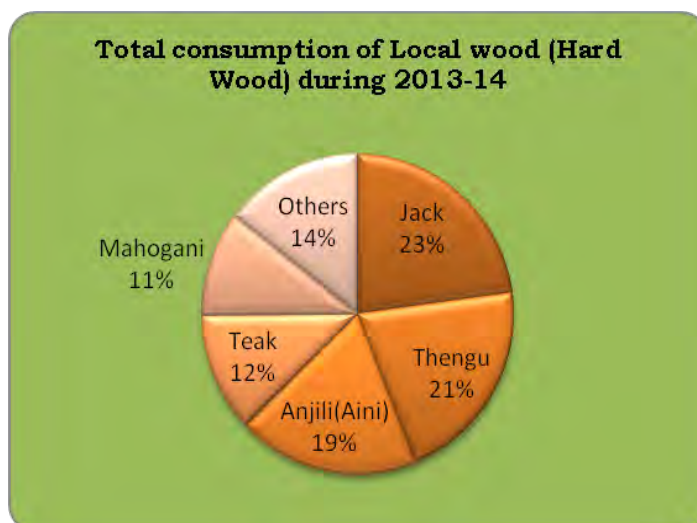
3.2.1 Hard Wood from forest Analysis revealed that wood of about 26 species were processed by saw mills for direct sale and for making door, windows and furniture. The major forest timber species used in timber sales and for making door, windows and furniture etc were teak (56.3%), Mahogani (8.3%), Eeti(Rose wood) (6.7%), Anjili(Aini) (6%) and Irul (Kadamaram) (5%). Out of the total hard wood timber from forest wood in timber mills, the above five species constitute about 82.3 percent. The most preferred species for house construction and furniture were teak and Mahogany. District wise details are shown in Table-19.



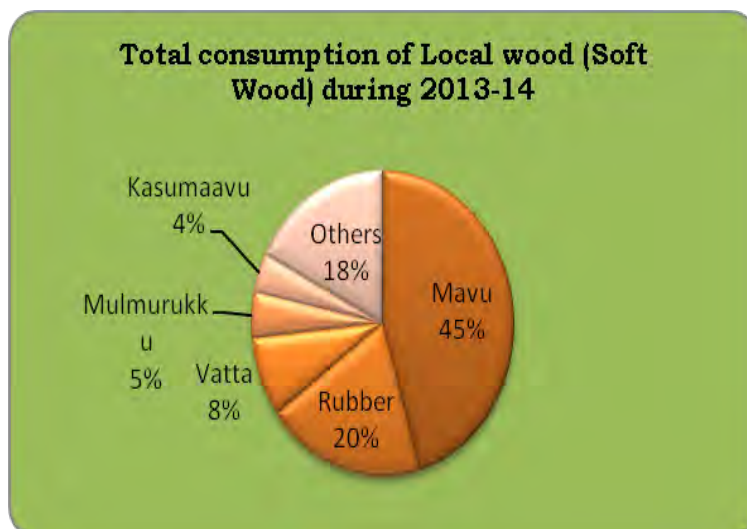
3.2.2 Soft Wood from forest Survey results show that about 18 species of softwood from forest are processed in Sawmills. The major species used in this category are Mavu(31.5%),Vatta(21.1%), Thanni (10.2%), Ezhilampala (7.3%) and Rubber (7.1%). Out of the total forest timber (Soft wood) used ,about 77.2 percent were of these five species. The most preferred species are Mavu and Vatta. District wise details are shown in Table-20.



3.2.3 Hard Wood from local wood Survey revealed that wood of about 34 species of local wood (Hard wood) are processed by saw mills for direct and indirect sale. The major Local timber species (Hard wood) used are Jack (23%), Thengu (21%), Anjili(Aini) (19%), Teak (12%) and Mahogani (11%). Out of the total local timber species (Hard wood) used in timber mills for sawing and other purposes. About 86percent were of these five species. The most preferred species are Jack and Thengu. District wise details are shown in Table-21.

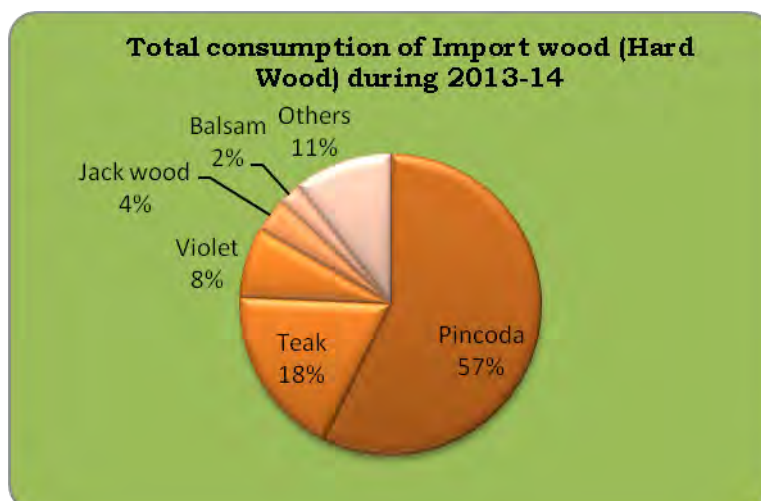


3.2.4 Soft Wood from Local wood : Survey results show that softwood of about 19 species from local wood were consumed by Sawmills for different purposes. The major Local timber species used under the category were Mavu(45.4%), Rubber(19.5%), Vatta (8.4%), Mulmurukku (4.9%) and Kasumaavu(4.2%). Out of the total Local timber species (Soft wood) processed in saw mills about 82.5 percent were of these five species. The most preferred species are Mavu and Rubber. District wise details are shown in Table-22.



### 3.2.5 Hard Wood from Imported wood : As per the survey wood of about 17

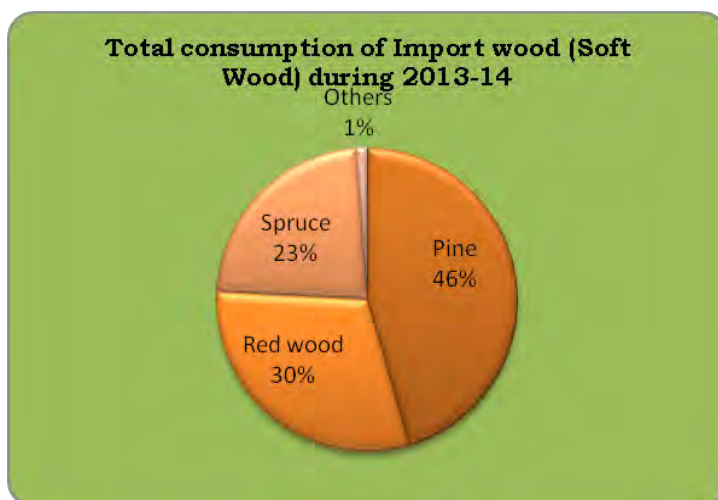
species are consumed by saw mills for direct sale and for making doors, windows and furniture. The major imported timber species used in timber sales and used for making doors, windows and furniture were Pincoda (57.3%), Teak (18.3%), Violet (7.6%). Out



of the total imported timber species (Hard wood) used in timber mills, about 83.2 percent were of these three species. The most preferred species for house construction and furniture are Pincoda and Teak. District wise details are shown in Table-23.

### 3.2.5 Soft Wood from Imported

wood: Survey result shows that wood of about 3 species are used by saw mills. The major imported timber species used in timber sales were Pine (45.5%), Redwood (30.4%) and Spruce (23%). District wise details are shown in Table-24.



## **3.3 Production**

3.3.1 Volume of sawn wood received for further processing (planing) by the mill during 2013-14. At the sawmill, the logs are cut into 'boards' using equipment such as circular saws and band saws. This is called 'conversion'. The first stage of conversion is a process called 'breaking down', which means rough sawing.



The second stage is called ‘resawing’ and refers to more accurate or precise cutting and finishing, such as planing and further machining. A planing mill is a facility that takes cut and seasoned boards from a saw mill and turns them into finished dimensional lumber. Machines used in Planing include the planer and matcher, the molding machines and varieties of saws. In the planing mill planer operators use machines that smooth and cut the wood for many different uses.

3.3.2 The survey results show that 1567122.7 m<sup>3</sup> of rough sawn wood received for further processing called planing in the saw mills in the state. Out of which 1375860.7 m<sup>3</sup> hard wood and 191262 m<sup>3</sup> Soft wood. District wise details are shown in Table-27.

Statement-3.3: Volume of sawn wood received for further processing (planing) by the mill during 2013-14

Category	Sawn Wood	Percentage
Hard Wood(In m <sup>3</sup> )	1375860.7	87.80
Soft Wood(In m <sup>3</sup> )	191262	12.20
<b>Total</b>	<b>1567122.7</b>	<b>100</b>

### 3.4 By-products

3.4.1 The main by-products of the sawmill are firewood and saw dust. The residues like firewood as well as sawdust are used as cooking fuel. Survey results shows that fire wood received after sawn is 180321.85 tons and saw dust received is 93287.39tons. Fire wood and saw dust so obtained is a source of income to the mill owners. District wise details are shown in Table-28.



# Chapter 4

## Work Force

### 4.1 Details of Employees in Sawmills during 2013-14

4.1.1 The employees working in the saw mills in the State are classified into full time and part time. Different categories of employees are Managerial, Loading and Unloading/Helpers, Sawyers, Carpenters, Drivers and Crane Operators and Cleaning Staff. Out of the total 19451 full time workers, 19174 are males and 277 are females. Out of total 1123 part time workers, 1054 are males and 69 are females.

Statement 4.1: Details of Full time and Part-time employees during 2013-14

Kind of Job		Full Time			Part Time		
		No of workers			No of workers		
		Male	Female	Total	Male	Female	Total
Managerial	No.	3371	124	3495	53	8	61
	%	17.58	44.77	17.97	5.03	11.59	5.43
Loading and Unloading/helpers	No.	4428	67	4495	416	13	429
	%	23.09	24.19	23.11	39.47	18.84	38.20
Sawyers	No.	9425	18	9443	370	1	371
	%	49.16	6.50	48.55	35.10	1.45	33.04
Carpenters	No.	1242	4	1246	126	0	126
	%	6.48	1.44	6.41	11.95	0.00	11.22
Drivers and Crane operators	No.	428	0	428	35	0	35
	%	2.23	0.00	2.20	3.32	0.00	3.12
Cleaning Staff	No.	280	64	344	54	47	101
	%	1.46	23.10	1.77	5.12	68.12	8.99
Total	No.	19174	277	19451	1054	69	1123
	%	100	100	100	100	100	100

4.1.2 Type of Job – Majority of workers in sawmills both full time and part time are Males. In the Managerial category and loading and unloading/ helpers category only 1.7% and 1.6% are females. In cleaning staff 75.1% are male workers.

## **4.2 Migrant labourers**

4.2.1 Migrant labour, casual and unskilled workers who move about systematically from one region to another offering their services on a temporary, usually seasonal basis. As in any other sector, presence of migrant labourers observed in the saw mill sector also. Mainly the labourers are from the States of Tamil Nadu, West Bengal, Odisha and Assam.

4.2.2 Statement 4.3 gives the nativity of the migrant labourers in the saw mill sector. Majority of migrant labourers are from the neighboring State Tamil Nadu followed by West Bengal.

4.2.3 As per the Survey results, there are 2719 migrant workers engaged in this enterprise either as Managerial staff or as paid worker, which is 13.2% of the total workforce in the sector.

4.2.4 28.7% of the total migrant labourers are from Tamil Nadu followed by West Bengal with 19.6% and Assam with 16.1%. District wise details are presented in Tables 35, 36,37,38,39 and 40.

Statement 4.4 Total Number of Migrant workers in the saw mills in Kerala by kind of job

State		Kind of job						
		Managerial	Loading and unloading/hel pers	Sawyers	Carpenters	Drivers and Crane Operators	Cleaning Staff	Total
Tamil Nadu	No.	79	91	557	12	6	36	781
	%	79.80	8.28	46.77	5.61	60.00	33.96	28.72
Karnataka	No.	3	10	6	0	0	2	21
	%	3.03	0.91	0.50	0.00	0.00	1.89	0.77
Andhra Pradesh	No.	0	5	11	0	0	4	20
	%	0.00	0.45	0.92	0.00	0.00	3.77	0.74
West Bengal	No.	7	244	151	107	0	24	533
	%	7.07	22.20	12.68	50.00	0.00	22.64	19.60
Orissa	No.	1	276	118	3	2	9	409
	%	1.01	25.11	9.91	1.40	20.00	8.49	15.04
Assam	No.	1	262	152	10	0	13	438
	%	1.01	23.84	12.76	4.67	0.00	12.26	16.11
Uttar Pradesh	No.	2	78	38	46	0	4	168
	%	2.02	7.10	3.19	21.50	0.00	3.77	6.18
Bihar	No.	4	102	109	32	0	8	255
	%	4.04	9.28	9.15	14.95	0.00	7.55	9.38
Others	No.	2	31	49	4	2	6	94
	%	2.02	2.82	4.11	1.87	20.00	5.66	3.46
Total		No.	99	1099	1191	214	10	2719

### 4.3 Man days worked during last month (November 2014)

4.3.1 One person's working time for a day, or the equivalent, used as a measure of how much work or labour is required is termed as a man day. Total man days worked in a month (In this survey the field work started during December 2014 there for last month means November 2014) were collected in the survey.

Statement 4.5. Total man days worked by employees (including all category) in the saw mills of Kerala during the month November 2014 (gender wise)

Category		Full Time	%	Part Time	%	Total
Male	No.	388014	95.64	17670	4.36	405684
	%	98.54		94.07		
Female	No.	5731	83.73	1114	16.27	6845
	%	1.46		5.93		
Total	No.	393745	95.45	18784	4.55	412529

4.3.2 Total man days worked in a month by full time male workers were 388014 and that of part time male workers was 17670. Total man days worked in a month by full time female workers was 5731 and that of part time female workers was 1114. Total man days worked in a month by the full time workers and part time workers together found as 412529 out of which 6845 were female workers. District wise data, given in Tables 42, 43, 44,45,46,47 and 48.

Statement 4.5 Total man days worked by employees in the saw mills of Kerala for the month January 2015 (gender wise) by job categories.

Kind of Job	Male		Female		Total	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Managerial	73022	837	2677	132	75699	969
Loading and Unloading/helpers	89090	7081	1245	186	90335	7267
Sawyers	185854	6142	344	20	186198	6162
Carpenters	24869	2082	75	0	24944	2082
Drivers and Crane Operators	8838	564	0	4	8838	568
Cleaning Staff	6341	964	1390	772	7731	1736
<b>Total</b>	<b>388014</b>	<b>17670</b>	<b>5731</b>	<b>1114</b>	<b>393745</b>	<b>18784</b>

# Chapter 5

## Financial Aspects

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### 5.1 Financial aspects.

5.1.1 Financial accounts are a historical record of business' performance over a past period - usually one financial year. In any institution, whether financial institution or non-financial institution, it's important to keep accounts accurate and up to date for drawing up 'true and fair' annual accounts. The income as well as expenditure incurred in a saw mill mainly depends upon the number of persons working, machinery using and other operational expenses in the saw mill. Also, an accurate figure can be ascertained only if account is properly maintained and produced for cross checking. It is to be borne in mind that, getting information on income and expenditure is a cumbersome job. However, best efforts are made to get the data almost accurately.

### 5.2 Working Capital

5.2.1 Working capital means total capital locked up in the stock of logs and other materials for use, amount receivable and amount payable. Total capital locked up also includes various stores and spares and other items.

5.2.2 The survey results shows that the total amount of capital locked up in the stock of logs and other materials for use was Rs.47594.08 lakhs as on the date of survey.

5.2.3 Amount receivable is the sum of money due to the unit for goods sold, amounts advanced in connection with the normal work of the unit, short term advances to staff and all deposits. As per the survey result, the total amount receivable as on date of the survey were found to be Rs. 8823.84 lakhs.

5.2.4 The amount payable is the sum of money which the unit has to pay for materials purchased short term loans and advances taken by the unit, outstanding wages, rent, tax, sales tax on purchases etc. As per the survey result, the total amount payable as on date of the survey was found to be Rs.13417.02 lakhs. District wise details given in Table 51.

### 5.3 Monthly & Yearly Expenditure

4.2.1 In the Survey on saw mills in Kerala -2014-15, expenditure for the last month and for the financial year 2013-14 was collected. Expenditure incurring in a saw mills divided into expenditure for logs, fuel/lubricant charges, electricity charges, water charges, Telephone/internet charges, repair and maintenance charges, transportation, advertisement and marketing, stationary and postage, taxes license fee and insurance, other expenses, interest paid on the loan, rent paid and total emoluments to employees. Yearly expenditure incurred was collected and it is found that around 54% of the expenditure incurred was towards the expenditure on stock of logs. Around 24% of the expenditure was for emoluments to employees and 13% for fuel. District wise details are presented in Table 53.

Statement 5.2 Expenditure during Nov 2014 and (2013-2014)

Item	Amount (Rs.in lakhs )	
	Nov 2014	2013-14
Logs	50567.73	66463.38
Fuel/Lubricants	65.94	759.86
Electricity charges ,Water charges	395.95	16424.36
Telephone, Internet	15.94	193.21
Repair and maintenance	126.99	1238.42
Transportation	64.55	752.27
Advertisement and marketing	3.92	61.89
Stationary and postage	6.05	93.93
Taxes, license fee and Insurance		1785.89
Other expenses	84.1	1079.81
Interest paid	223.07	2921.53
Rent paid	71.49	941.32
Total emoluments to employee	2544.83	29614.18
<b>Total</b>	<b>8670.56</b>	<b>122330.05</b>

Statement 5.3 Total Expenditure during last month and last year (2013-2014) Type of firm wise (amount in lakhs of Rs)

Item	sawmill		Sawmill+Depot		Sawmill+Others	
	Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14
Logs	724.94	7760.93	3342.10	44666.41	1000.69	14036.04
Fuel/Lubricants	29.19	332.48	27.24	313.06	9.51	114.32
Electricity charges ,Water charges	170.25	1858.28	183.01	14047.25	42.70	518.83
Telephone, Internet	7.95	95.27	5.09	66.20	2.91	31.73
Repair and maintenance	77.94	700.85	32.26	369.79	16.79	167.77
Transportation	12.49	145.56	39.57	459.04	12.49	147.67
Advertisement and marketing	0.91	13.77	2.51	37.87	0.51	10.24
Stationary and postage	2.68	48.77	2.18	33.24	1.18	11.92
Taxes, license fee and Insurance	0.00	244.70	0.00	1265.96	0.00	275.23
Other expenses	21.85	238.60	54.49	743.39	7.77	97.82
Interest paid	50.65	624.17	127.27	1726.93	45.15	570.42
Rent paid	45.62	642.80	16.26	189.90	9.61	108.63
Total emoluments to employee	1419.04	16463.82	641.02	7747.70	484.77	5402.66
<b>Total</b>	2563.50	29170.00	4473.00	71666.74	1634.07	21493.29

## 5.4 Monthly & Yearly Income

5.4.1 In the Survey on saw mills in Kerala -2014-15, income for the month Nov 2014 and for the financial year 2013-14 was collected. Income generated from saw mills are divided into Income from sale of log, from log sawn, from planing, from fire wood, from sawn dust, from furniture and others etc. It is seen that the total monthly and yearly income of all establishment in the State were Rs.11589.63 and Rs.145520.78 lakhs respectively. Statement 5.4 below gives the breakup of income from different categories. District wise details are presented in Table 55.

Statement 5.4. Income during Nov 2014 and 2013-14

Item	Amount (Rs in lakhs)	
	Nov 2014	2013-14
Sale of logs	6886.99	88926.06
From logs sawn	3550.18	42838.30
From Planing	308.50	3517.56
From Fire wood	196.89	2187.51
From Sawn dust	95.76	1106.18
From furniture	481.50	5887.77
Others	69.80	1057.39
<b>Total</b>	<b>11589.63</b>	<b>145520.78</b>



Statement 5.5. Firm wise Income during Nov 2014 and 2013-14 (amount in lakhs)

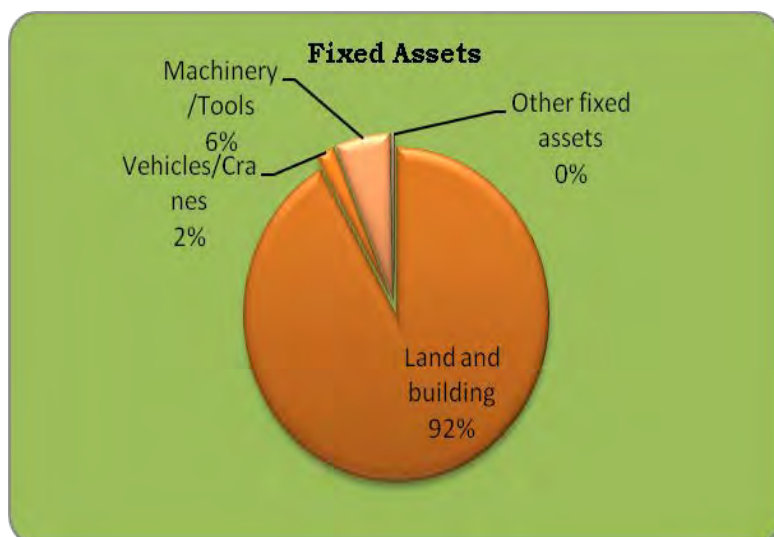
Item	Sawmill		Sawmill+Depot		Sawmill+Others	
	Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14
Sale of logs	830.48	8952.33	5105.74	56051.14	950.78	23922.59
From logs sawn	2214.81	26204.19	896.11	11487.41	439.26	5146.71
From Planing	137.33	1665.27	92.57	1063.18	78.60	789.11
From Fire wood	83.57	936.32	80.54	871.03	32.78	380.17
From Sawn dust	53.93	620.13	27.79	318.47	14.04	167.58
From furniture	0.05	0.50	84.81	1140.98	396.64	4746.30
Others	5.18	82.47	14.75	295.26	49.88	679.66
<b>Total</b>	3325.35	38461.20	6302.30	71227.46	1961.98	35832.12

## 5.5 Fixed Assets

5.5.1 Fixed asset of an institution is an asset that is not consumed or sold during the normal course of business, such as land and buildings, machinery/tools, vehicles/cranes, and other such items. The term fixed does not necessarily mean immovable; any asset expected to last, or be in use for, more than one year is considered a fixed asset. Fixed assets enable their owner to carry on its operations.

5.5.2 The value (as on the date of survey) of fixed assets like land, buildings, machinery/tools, vehicles/cranes and other items were ascertained. As per the survey results, the

ascertained value of fixed assets of saw mills in the State amounts to around Rs.3251 crore. 91.7% of this amount is the share of land and buildings and 5.9% is that of machinery/tools. In the case of districts, Ernakulam tops with



Rs.645.7 crores followed by Malappuram with Rs.381.1 crores. District wise details presented in table-57.

5.5.3 In this survey the value (as on the date of survey) of fixed assets like land and buildings, machinery/tools, vehicles/cranes and other items were ascertained. More over purchase, construction, improvement of the units on land and buildings, machinery/tools, vehicles/cranes and other items during the year 2013-14 were also collected. The district wise details can be seen from Table 59.

Statement-5.6: Value of fixed assets of saw mills in Kerala (As on date of survey)

Particulars	Value(Rs. In lakhs)	Percentage
Land and building	298212.51	91.7%
Vehicles/Cranes	6628.17	2.1%
Machinery /Tools	19112.84	5.9%
Other fixed assets	112755768	0.3%
<b>Total</b>	<b>325081.08</b>	<b>100</b>

## 5.6 Outstanding loan

5.6.1 As we all know, in finance, a loan is a debt provided by one entity (organization or individual) to another entity at an interest rate. In the survey on saw mills in the State, an effort was made to collect the Loan and Other Liabilities of saw mills in Kerala.

5.6.2 It is seen that a total 1,976 units in the State have outstanding loans. Total outstanding loans of all units together were found as Rs. 28226.94 lakhs. District wise details are presented in Table 61.

5.6.3 From the statement 5.8 below, it is seen that 882 of the units taken loan from Public sector banks and average amount of Rs.22.32 lakhs and Co-operative and other commercial banks stands second (548)with an average amount of Rs.9.59 lakhs.

Statement-5.8: Total outstanding loan (For the purpose of Industry) –Type of firm wise (in Rs. In lakhs)

Type of firm		Saw mill	Saw mill+Depot	Saw mill+others	Total
Public sector banks	No of firms	393	320	169	882
	Total amount	3601.39	12748.49	3334.44	19684.33
	%	18.3	64.76	16.94	100
Co-operative and other commercial banks	No of firms	284	148	116	548
	Total amount	1754.18	2177.65	1323.83	5255.66
	%	33.38	41.43	25.19	100
Other institutional agencies	No of firms	79	54	28	161
	Total amount	251.34	1319.76	302.32	1873.42
	%	13.42	70.45	16.14	100
From money lenders and individuals	No of firms	79	57	31	167
	Total amount	167.17	322.74	89.42	579.34
	%	28.86	55.71	15.44	100
Others(Including from relatives and friends )	No of firms	109	72	37	218
	Total amount	302.56	419.14	112.51	834.21
	%	36.27	50.24	13.49	100

5.6.4 In the case of number of units availed loan from various financial institutions, it is seen that 45% of the units advanced from Public sector banks. Refer Table 61 for district wise details.

Statement 5.9 Number and percentage of units availed loan from various financial institutions.

Type of financial institution	No of Units	%	Average amount of Loan availed by Units (in Lakhs)
Public sector banks	882	45	22.32
Co-operative and other commercial banks	548	28	9.59
Other institutional agencies	161	8	10.35
Money lenders and Individuals	167	8	3.47
Friends and Relatives	218	11	3.83

5.6.5 From the statement 5.9 above, it is also seen that 27.7% of the units taken loan from Co-operative and other commercial banks. 11% from Friends and relatives.





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Table 1: Number of Saw Mills in Kerala by type.

Sl No	District	Saw mill	Saw mill + Depot	Saw mill + others	Total
1	Thiruvananthapuram	184	61	61	306
2	Kollam	287	61	82	430
3	Pathanamthitta	117	24	20	161
4	Alappuzha	219	36	20	275
5	Kottayam	195	75	18	288
6	Idukki	35	14	11	60
7	Ernakulam	177	123	28	328
8	Thrissur	193	87	45	325
9	Palakkad	233	73	99	405
10	Malappuram	296	61	65	422
11	Kozhikode	252	52	47	351
12	Wayanad	30	11	2	43
13	Kannur	150	47	15	212
14	Kasargod	17	64	9	90
	<b>Total</b>	<b>2385</b>	<b>789</b>	<b>522</b>	<b>3696</b>

Table 2: Number of Saw Mills in Kerala by type of ownership

Sl No	District	Proprietor ship	Partner ship	Co- operative Sector	Trustee ship	Limited Companies	Others	Total
1	Thiruvananthapuram	288	16	0	0	1	1	306
2	Kollam	422	5	0	1	0	2	430
3	Pathanamthitta	151	9	1	0	0	0	161
4	Alappuzha	259	16	0	0	0	0	275
5	Kottayam	251	31	3	3	0	0	288
6	Idukki	53	6	0	0	0	1	60
7	Ernakulam	247	76	1	1	2	1	328
8	Thrissur	260	59	0	0	3	3	325
9	Palakkad	354	50	0	0	1	0	405
10	Malappuram	352	67	1	0	1	1	422
11	Kozhikode	260	88	2	0	1	0	351
12	Wayanad	31	12	0	0	0	0	43
13	Kannur	136	73	1	0	1	1	212
14	Kasargod	47	42	0	1	0	0	90
	<b>Total</b>	<b>3111</b>	<b>550</b>	<b>9</b>	<b>6</b>	<b>10</b>	<b>10</b>	<b>3696</b>

Table 3: Number of Saw Mills in Kerala by type of ownership and type of firm

Type of ownership	Saw mill	Saw mill + Depot	Saw mill + others	Total
Proprietorship	2071	602	438	3111
Partnership	297	179	74	550
Co-operative Sector	6	1	2	9
Trusteeship	3	1	2	6
Limited Companies	2	6	2	10
Others	6	0	4	10
<b>Total</b>	<b>2385</b>	<b>789</b>	<b>522</b>	<b>3696</b>

Table 4: Number of Saw Mills in Kerala by gender of proprietor/ Managing partner.

Sl No	District	Male	Female	Trans gender	Total
1	Thiruvananthapuram	266	38	0	304
2	Kollam	376	51	0	427
3	Pathanamthitta	135	25	0	160
4	Alappuzha	231	44	0	275
5	Kottayam	264	18	0	282
6	Idukki	47	12	0	59
7	Ernakulam	291	32	0	323
8	Thrissur	289	30	0	319
9	Palakkad	381	23	0	404
10	Malappuram	401	18	0	419
11	Kozhikode	322	26	0	348
12	Wayanad	35	8	0	43
13	Kannur	190	19	0	209
14	Kasargod	85	4	0	89
	<b>Total</b>	<b>3313</b>	<b>348</b>	<b>0</b>	<b>3661</b>

Table 5: Number of Saw Mills in Kerala by Religious Status of proprietor / Managing partner.

Sl No	District	Hindu	Christian	Muslim	Others	Total
1	Thiruvananthapuram	173	63	67	1	304
2	Kollam	212	52	161	2	427
3	Pathanamthitta	72	80	7	1	160
4	Alappuzha	150	74	51	0	275
5	Kottayam	82	172	27	1	282
6	Idukki	15	31	13	0	59
7	Ernakulam	61	154	108	0	323
8	Thrissur	109	134	75	1	319
9	Palakkad	148	13	243	0	404
10	Malappuram	42	2	375	0	419
11	Kozhikode	118	14	216	0	348
12	Wayanad	1	21	19	2	43
13	Kannur	67	43	99	0	209
14	Kasargod	15	11	63	0	89
	<b>Total</b>	<b>1265</b>	<b>864</b>	<b>1524</b>	<b>8</b>	<b>3661</b>

Table 6: Number of Saw Mills in Kerala by social status of proprietor/ Managing partner

Sl No	District	ST	SC	OBC	Others	Total
1	Thiruvananthapuram	1	7	215	81	304
2	Kollam	0	1	308	118	427
3	Pathanamthitta	1	3	33	123	160
4	Alappuzha	0	1	150	124	275
5	Kottayam	0	0	60	222	282
6	Idukki	0	1	21	37	59
7	Ernakulam	0	0	166	157	323
8	Thrissur	0	0	156	163	319
9	Palakkad	0	2	335	67	404
10	Malappuram	0	0	401	18	419
11	Kozhikode	0	2	313	33	348
12	Wayanad	0	0	18	25	43
13	Kannur	0	0	147	62	209
14	Kasargod	0	0	74	15	89
	<b>Total</b>	<b>2</b>	<b>17</b>	<b>2397</b>	<b>1245</b>	<b>3661</b>



Table 7: Number of Saw Mills in Kerala by year of starting (on latest ownership).

Sl No	District	Before 1980	1980-1990	1990-2000	2000-2010	After 2010	Total
1	Thiruvananthapuram	13	70	90	97	36	306
2	Kollam	43	82	119	122	64	430
3	Pathanamthitta	24	42	28	40	27	161
4	Alappuzha	47	74	70	58	26	275
5	Kottayam	39	61	93	61	34	288
6	Idukki	7	8	18	17	10	60
7	Ernakulam	36	52	102	92	46	328
8	Thrissur	45	64	77	90	49	325
9	Palakkad	60	85	104	84	72	405
10	Malappuram	39	88	114	111	70	422
11	Kozhikode	27	69	74	120	61	351
12	Wayanad	8	12	12	8	3	43
13	Kannur	19	49	64	59	21	212
14	Kasargod	8	13	30	26	13	90
	<b>Total</b>	<b>415</b>	<b>769</b>	<b>995</b>	<b>985</b>	<b>532</b>	<b>3696</b>

Table 8: Number of Saw Mills in Kerala having certification/NOC from:

Sl No	District	Empowered Committee- Forest Department	Health Department	Fire and Safety	Factories and Boilers	Sales tax Department (VAT)	KSEB	Pollution Control Board	Local Body
1	Thiruvananthapuram	270	206	202	212	152	284	272	298
2	Kollam	348	272	326	360	219	421	364	417
3	Pathanamthitta	154	85	89	95	51	156	152	159
4	Alappuzha	176	135	104	101	52	239	224	267
5	Kottayam	260	151	155	215	169	269	259	287
6	Idukki	55	35	36	42	37	57	55	56
7	Ernakulam	296	227	215	275	238	323	252	324
8	Thrissur	305	155	144	260	161	307	256	315
9	Palakkad	399	219	217	372	191	388	311	400
10	Malappuram	349	191	158	259	168	363	296	397
11	Kozhikode	331	206	217	297	123	335	282	344
12	Wayanad	38	16	16	38	18	43	36	41
13	Kannur	194	87	89	194	104	201	193	211
14	Kasargod	88	40	56	80	87	90	81	89
	<b>Total</b>	<b>3263</b>	<b>2025</b>	<b>2024</b>	<b>2800</b>	<b>1770</b>	<b>3476</b>	<b>3033</b>	<b>3605</b>

Table 9: Number of Saw Mills in Kerala by type of building.

Sl No	District	Pucca	Semi-pucca	Kacha	Total
1	Thiruvananthapuram	59	231	16	306
2	Kollam	133	291	6	430
3	Pathanamthitta	13	147	1	161
4	Alappuzha	16	243	16	275
5	Kottayam	95	193	0	288
6	Idukki	5	55	0	60
7	Ernakulam	24	290	14	328
8	Thrissur	79	235	11	325
9	Palakkad	38	365	2	405
10	Malappuram	68	346	8	422
11	Kozhikode	25	323	3	351
12	Wayanad	1	42	0	43
13	Kannur	28	179	5	212
14	Kasargod	4	86	0	90
	<b>Total</b>	<b>588</b>	<b>3026</b>	<b>82</b>	<b>3696</b>

Table 10: Number of Saw Mills in Kerala by area of the building (in sqft.)

Sl No	District	Less than 500	500 to 1000	1001 to 2000	2001 to 4000	More than 4000	Total
1	Thiruvananthapuram	19	103	141	43	0	306
2	Kollam	23	155	196	51	5	430
3	Pathanamthitta	4	23	112	22	0	161
4	Alappuzha	27	75	139	30	4	275
5	Kottayam	26	46	129	64	23	288
6	Idukki	3	15	18	17	7	60
7	Ernakulam	9	42	114	135	28	328
8	Thrissur	25	56	125	103	16	325
9	Palakkad	12	48	228	107	10	405
10	Malappuram	43	112	194	59	14	422
11	Kozhikode	19	85	140	85	22	351
12	Wayanad	0	3	15	20	5	43
13	Kannur	6	13	111	61	21	212
14	Kasargod	2	3	20	45	20	90
	<b>Total</b>	<b>218</b>	<b>779</b>	<b>1682</b>	<b>842</b>	<b>175</b>	<b>3696</b>

Table 11: Number of Saw Mills in Kerala by working hours.

Sl No	District	8 Hrs/day	12 Hrs/day	More than 12Hrs/day	Total
1	Thiruvananthapuram	303	2	1	306
2	Kollam	423	5	2	430
3	Pathanamthitta	159	1	1	161
4	Alappuzha	263	10	2	275
5	Kottayam	286	2	0	288
6	Idukki	58	2	0	60
7	Ernakulam	325	3	0	328
8	Thrissur	321	3	1	325
9	Palakkad	398	6	1	405
10	Malappuram	414	8	0	422
11	Kozhikode	348	2	1	351
12	Wayanad	43	0	0	43
13	Kannur	212	0	0	212
14	Kasargod	81	8	1	90
	<b>Total</b>	<b>3634</b>	<b>52</b>	<b>10</b>	<b>3696</b>

Table 12: Number of Saw Mills in Kerala by type of ownership of building.

Sl No	District	Owned	Rented	Leased	Others	Total
1	Thiruvananthapuram	264	36	5	1	306
2	Kollam	347	81	1	1	430
3	Pathanamthitta	135	20	6	0	161
4	Alappuzha	248	26	0	1	275
5	Kottayam	240	37	11	0	288
6	Idukki	50	8	1	1	60
7	Ernakulam	278	42	5	3	328
8	Thrissur	295	25	3	2	325
9	Palakkad	329	60	16	0	405
10	Malappuram	326	70	26	0	422
11	Kozhikode	294	48	6	3	351
12	Wayanad	40	1	2	0	43
13	Kannur	198	12	2	0	212
14	Kasargod	77	6	6	1	90
	<b>Total</b>	<b>3121</b>	<b>472</b>	<b>90</b>	<b>13</b>	<b>3696</b>

Table 13: Number of Saw Mills in Kerala by compound area (in Cent.)

Sl No	District	Below 26	26 to 50	51 to 100	Above 100	Total
1	Thiruvananthapuram	1	0	1	304	306
2	Kollam	0	1	2	427	431
3	Pathanamthitta	0	0	0	161	161
4	Alappuzha	1	0	2	272	275
5	Kottayam	0	0	4	284	288
6	Idukki	0	0	0	60	60
7	Ernakulam	0	0	1	327	328
8	Thrissur	1	4	2	318	326
9	Palakkad	0	0	3	402	405
10	Malappuram	2	1	1	418	423
11	Kozhikode	3	0	0	348	351
12	Wayanad	0	0	0	43	43
13	Kannur	0	0	0	212	212
14	Kasargod	0	0	1	89	90
	<b>Total</b>	<b>8</b>	<b>6</b>	<b>17</b>	<b>3665</b>	<b>3696</b>

Table 14: Number of Saw Mills in Kerala by Number of days of operation during 2013-14

Sl No	District	365	340-364	300-339	250-299	200-249	Below 200	Total
1	Thiruvananthapuram	0	0	20	73	129	84	306
2	Kollam	0	2	15	79	157	177	430
3	Pathanamthitta	0	0	3	25	96	37	161
4	Alappuzha	0	0	18	65	130	62	275
5	Kottayam	0	0	21	74	136	57	288
6	Idukki	0	0	5	17	20	18	60
7	Ernakulam	0	0	23	109	120	76	328
8	Thrissur	0	0	23	145	90	67	325
9	Palakkad	0	0	13	126	157	109	405
10	Malappuram	0	4	26	94	234	64	422
11	Kozhikode	0	0	27	80	106	138	351
12	Wayanad	0	0	1	3	20	19	43
13	Kannur	0	0	5	33	73	101	212
14	Kasargod	0	1	10	28	35	16	90
	<b>Total</b>	<b>0</b>	<b>7</b>	<b>210</b>	<b>951</b>	<b>1503</b>	<b>1025</b>	<b>3696</b>

Table 15: Number of Saw Mills that filed EM Part-II & availed subsidy/grant from government and availed Electricity charge at subsidized rate.

Sl No	District	Saw Mills filed EM Part-II	Number of sawmill availed		
			Subsidy/grant from Govt.	Electricity charge at subsidized rate	Both Subsidy/grant from Govt. & Electricity charge at subsidized rate
1	Thiruvananthapuram	139	89	117	80
2	Kollam	77	3	6	2
3	Pathanamthitta	38	15	26	15
4	Alappuzha	77	6	14	4
5	Kottayam	55	12	19	10
6	Idukki	26	7	13	6
7	Ernakulam	86	11	34	8
8	Thrissur	68	6	13	4
9	Palakkad	150	63	104	60
10	Malappuram	215	67	118	54
11	Kozhikode	209	25	82	21
12	Wayanad	18	2	4	2
13	Kannur	106	22	24	8
14	Kasargod	79	30	58	28
	<b>Total</b>	<b>1343</b>	<b>358</b>	<b>632</b>	<b>302</b>

Table 16: Number of Saw Mills in Kerala having insurance coverage

Sl No	District	Yes	No	Total
1	Thiruvananthapuram	97	209	306
2	Kollam	98	333	431
3	Pathanamthitta	47	114	161
4	Alappuzha	29	246	275
5	Kottayam	102	186	288
6	Idukki	17	43	60
7	Ernakulam	152	176	328
8	Thrissur	108	218	326
9	Palakkad	120	285	405
10	Malappuram	62	361	423
11	Kozhikode	97	254	351
12	Wayanad	7	36	43
13	Kannur	86	126	212
14	Kasargod	38	52	90
	<b>Total</b>	<b>1060</b>	<b>2636</b>	<b>3696</b>

Table 17: Number of Saw Mills providing EPF and ESI benefits to its employees.

Sl No	District	EPF benefit	ESI benefit	Total
1	Thiruvananthapuram	10	14	24
2	Kollam	14	32	46
3	Pathanamthitta	2	7	9
4	Alappuzha	3	6	9
5	Kottayam	6	11	17
6	Idukki	1	1	2
7	Ernakulam	10	16	26
8	Thrissur	9	25	34
9	Palakkad	11	25	36
10	Malappuram	17	23	40
11	Kozhikode	18	48	66
12	Wayanad	1	1	2
13	Kannur	14	36	50
14	Kasargod	9	16	25
	<b>Total</b>	<b>125</b>	<b>261</b>	<b>386</b>

Table 18: Number of Saw Mills in Kerala facing operational Problems.

Sl No	District	Financial	Legal	From Public	Labour	Others
1	Thiruvananthapuram	111	7	2	41	6
2	Kollam	78	4	3	61	7
3	Pathanamthitta	10	1	1	38	8
4	Alappuzha	55	24	2	36	6
5	Kottayam	59	11	1	68	10
6	Idukki	7	4	2	1	0
7	Ernakulam	137	36	14	52	18
8	Thrissur	56	15	1	38	21
9	Palakkad	101	19	1	81	21
10	Malappuram	60	34	3	93	28
11	Kozhikode	75	26	3	69	46
12	Wayanad	16	3	1	9	12
13	Kannur	37	6	1	16	19
14	Kasargod	17	3	0	20	11
	<b>Total</b>	<b>819</b>	<b>193</b>	<b>35</b>	<b>623</b>	<b>213</b>



Table 19: Species wise total consumption of Forest wood (Hardwood) during 2013-14 **(in m<sup>3</sup>)**

Sl. No	District	Teak	Rosewood (Eeti)	Akil	Jack wood(Plavu	Anjili or Aini	Neermaruthu	Karinjotta	Koovalam	Elanji	Njaval	Maruthi	Kanjiram	Manjium	Thembavu
1	Thiruvananthapuram	3318	55	0	6	1075	0	70	546	0	0	65	0	220	130
2	Kollam	7655	2524	0	430	745	0	0	0	0	0	100	0	65	50
3	Pathanamthitta	748	7	0	282	339	0	0	0	0	0	20	22	6	50
4	Alappuzha	3288	0	0	105	588	0	0	32	15	0	30	0	60	30
5	Kottayam	487	4	0	36	163	0	0	0	0	0	0	0	0	0
6	Idukki	689	200	0	270	100	0	0	0	0	0	650	0	0	0
7	Ernakulam	11922	480	0	122	707	0	1	153	1002	0	1200	1	1	560
8	Thrissur	7668	2051	0	868	698	5	0	0	15	90	0	3	0	0
9	Palakkad	2157	8	0	385	160	0	0	0	0	49	60	10	0	0
10	Malappuram	7017	232	0	240	126	0	0	0	20	22	0	0	80	0
11	Kozhikode	5915	629	480	379	710	70	0	0	0	25	725	0	355	0
12	Wayanad	46	195	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	2277	0	0	0	200	0	0	0	0	0	30	0	0	0
14	Kasargod	342	10	0	66	74	0	0	0	60	0	35	105	120	0
	<b>Total</b>	<b>53529</b>	<b>6395</b>	<b>480</b>	<b>3189</b>	<b>5685</b>	<b>75</b>	<b>71</b>	<b>731</b>	<b>1112</b>	<b>186</b>	<b>2915</b>	<b>141</b>	<b>907</b>	<b>820</b>

Table 19: Species wise total consumption of Forest wood (Hardwood) during 2013-14 **(in m<sup>3</sup>)** (Contd....)

Sl.No	District	Aval-	Azhunthal( Payyani)-	Kadambu	Accacia	Cheeni	Chella	Irul(Kadamara m	Kumbil	Pine	Mahogani	Thengu	Cheelanthi(poo varasu/poopp aruthi)	others
1	Thiruvananthapuram	110	10	0	295	0	0	0	0	0	571	0	0	55
2	Kollam	0	0	20	168	0	0	0	0	0	463	267	80	115
3	Pathanamthitta	0	0	40	8	18	0	20	36	0	166	105	0	0
4	Alappuzha	13	4	0	0	0	0	55	0	0	3740	70	0	60
5	Kottayam	0	0	0	0	0	0	0	0	0	10	28	0	0
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	0	0	0	807	0	300	13	0	5	256	190	239	82
8	Thrissur	0	0	0	0	0	0	45	0	0	227	278	0	172
9	Palakkad	0	0	0	0	0	0	269	0	0	14	194	0	101
10	Malappuram	0	0	0	104	0	0	10	0	0	160	140	0	4
11	Kozhikode	0	0	0	1375	270	9	4179	0	0	2086	297	0	2
12	Wayanad	0	0	0	0	0	0	0	0	0	30	0	0	0
13	Kannur	0	0	0	7	0	0	56	0	0	1	0	0	5
14	Kasargod	0	0	0	83	0	0	96	0	0	165	0	0	0
	<b>Total</b>	<b>123</b>	<b>14</b>	<b>60</b>	<b>2847</b>	<b>288</b>	<b>309</b>	<b>4743</b>	<b>36</b>	<b>5</b>	<b>7889</b>	<b>1569</b>	<b>319</b>	<b>596</b>

Table 20: Species wise total consumption of Forest wood (Softwood) during 2013-14 **(in m<sup>3</sup>)**

Sl. No	District	Mulmuruk ku	Ezhalimpal a	Rubber	Mullilavu	Vallabhava m	Vatta	Thanni	Mavu	Perumaram	Ooravu	kulamavu	Gulmohar	Kaara	Punna	Kunnivaak a	Uthy	Kasumavu	Others
1	Thiruvananthapuram	0	0	0	0	0	50	4	887	75	0	0	0	0	0	0	0	0	0
2	Kollam	0	0	26	300	0	356	0	262	67	50	50	0	0	0	0	0	39	97
3	Pathanamthitta	0	0	40	0	0	0	32	10	0	0	30	0	0	0	0	28	0	0
4	Alappuzha	0	0	60	0	0	0	0	151	1	0	0	0	0	2	0	0	33	4
5	Kottayam	0	0	609	0	0	82	0	86	38	0	0	0	0	0	0	0	0	0
6	Idukki	0	13	0	0	0	41	16	259	0	0	4	0	0	8	21	0	0	99
7	Ernakulam	0	1000	325	0	0	1944	140	640	0	0	0	0	0	0	0	0	375	0
8	Thrissur	0	0	0	0	14	70	0	172	33	0	0	0	0	0	0	0	20	50
9	Palakkad	0	0	0	0	0	11	0	402	0	0	0	25	0	0	0	0	0	25
10	Malappuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	260	0	0	0
11	Kozhikode	120	0	0	4	0	303	1118	942	0	0	50	0	15	95	420	0	90	26
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	50	0	0	0	0	0	0	150	0	0	6	0	0	0	65	0	0	0
14	Kasargod	53	73	0	0	24	300	213	764	0	0	331	0	0	0	70	0	223	31
	<b>Total</b>	<b>223</b>	<b>1086</b>	<b>1060</b>	<b>304</b>	<b>38</b>	<b>3157</b>	<b>1523</b>	<b>4725</b>	<b>214</b>	<b>50</b>	<b>471</b>	<b>25</b>	<b>15</b>	<b>105</b>	<b>836</b>	<b>28</b>	<b>780</b>	<b>332</b>

Table 21: Species wise total consumption of Local wood (Hardwood) during 2013-14 **(in m<sup>3</sup>)**

Sl. No	District	Teak	Rosewood (Eeti)	Akil	Jack wood(Plavu)	Anjili or Aini	Neermaruthu	Karinjotta	Koovalam	Elanji	Njaval	Maruthi	Kanjiram
1	Thiruvananthapuram	7234	116	836	32169	34513	64	0	0	44	124	423	243
2	Kollam	14854	633	550	33484	34602	60	0	140	891	151	250	360
3	Pathanamthitta	7605	145		13345	19379	0	0	0	0	20	0	8
4	Alappuzha	16337	8	62	45214	70024	0	0	239	578	67	216	152
5	Kottayam	18673	753	85	24894	39914	58	118	44	106	53	983	181
6	Idukki	3180	50	5	6416	7914	199	0	30	40	159	1130	305
7	Ernakulam	16554	781	124	32098	35517	2031	87	20	4146	359	2177	151
8	Thrissur	20261	360		30233	11958	366	0	113	2153	3405	421	523
9	Palakkad	32050	266	49	23866	4465	582	0	55	2093	5614	3308	4164
10	Malappuram	28169	969	151	40032	9872	555	0	123	683	3030	2033	2935
11	Kozhikode	5240	318	18	28074	4883	831	0	509	667	652	1710	776
12	Wayanad	1063	500	357	11794	8127	229	98	53	122	797	214	37
13	Kannur	9346	127	47	16945	4753	751	0	236	670	753	3504	2300
14	Kasargod	3300	93		9112	998	61	0	375	178	135	758	422
	<b>Total</b>	<b>183866</b>	<b>5119</b>	<b>2284</b>	<b>347676</b>	<b>286919</b>	<b>5787</b>	<b>303</b>	<b>1937</b>	<b>12371</b>	<b>15319</b>	<b>17127</b>	<b>12557</b>

Table 21: Species wise total consumption of Local wood (Hardwood) during 2013-14 (**in m<sup>3</sup>**) (Contd....)

Sl. No	District	Manjium	Thembavu	Aval	Kappukal	Azhunthal(Payyani)	Kadambu	Athi	Accacia	Balsa	Marotti	Cheeni	Churuli
1	Thiruvananthapuram	5072	21	44	0	2	0	15	9406	0	0	0	0
2	Kollam	3838	145	148	0	78	0	18	3397	0	0	56	0
3	Pathanamthitta	2213	0	0	0	0	0	0	673	0	0	0	0
4	Alappuzha	4698	19	97	0	76	0	0	13367	0	0	0	0
5	Kottayam	2046	0	0	0	15	0	0	408	0	34	0	0
6	Idukki	506	18	0	0	6	0	17	530	0	0	0	0
7	Ernakulam	1111	226	24	0	23	41	113	316	0	12	0	0
8	Thrissur	1355	0	20	20	50		5	1492	0	0	0	15
9	Palakkad	2391	0	528	0	25	20	35	2029	27	42	381	0
10	Malappuram	5005	28	1	17	128	11	198	11041	0	0	2784	5
11	Kozhikode	533	6	50	0	1253	100	0	3197	0	88	26	83
12	Wayanad	126	307	24	12	196	1	379	228	0	0	0	0
13	Kannur	1578	63	193	0	325	197	3	3127	0	39	0	0
14	Kasargod	1274	40	35	0	72	2	5	4452	10	0	0	0
	<b>Total</b>	<b>31746</b>	<b>873</b>	<b>1164</b>	<b>49</b>	<b>2249</b>	<b>372</b>	<b>788</b>	<b>53663</b>	<b>37</b>	<b>215</b>	<b>3247</b>	<b>103</b>

Table 21: Species wise total consumption of Local wood (Hardwood) during 2013-14 **(in m<sup>3</sup>)** (Contd...)

Sl. No	District	Chella	Irul(Kadamar am)	Kumbil	Pine	Edane	Elappa	Thambakam	Mahogani	Thengu	Cheelanthi(p oovarasu/po opparuthi)	others
1	Thiruvananthapuram	8	135	0	0	0	0	0	8993	44873	3414	170
2	Kollam	0	349	0	110	0	0	180	14441	15223	2832	207
3	Pathanamthitta	0	0	0	25	0	0	0	6786	6905	45	97
4	Alappuzha	0	3060	12	6	0	20	27	55666	31539	5172	588
5	Kottayam	0	158	145	54	0	0	30	13306	10426	1024	134
6	Idukki	8	135	118	10	0	0	16	3880	2057		37
7	Ernakulam	0	409	50	98	70	0	2275	14463	19139	5927	222
8	Thrissur	0	639	0	48	0	0	58	7913	78920	265	388
9	Palakkad	271	3438	0	5	0	63	0	2625	14472	158	1581
10	Malappuram	494	4081	103	268	0	0	25	14348	38106	0	326
11	Kozhikode	12	4166	19	194	0	0	0	6877	44451	4	246
12	Wayanad	0	193	331	46	82	0	0	1567	0	0	251
13	Kannur	1465	4635	122	36	0	0	36	7000	11938	0	349
14	Kasargod	0	1059	72	6	0	0	0	3928	1524	0	384
	<b>Total</b>	2258	22457	972	906	152	83	2647	161793	319573	18841	4980

Table 22: Species wise total consumption of Local wood (Softwood) during 2013-14 **(in m<sup>3</sup>)**

Sl. No	District	Mulmurukku	Ezhalimpala	Rubber	Mullilavu	Vallabhavam	Vatta	Thanni	Pezhu	Mavu	Perumaram
1	Thiruvananthapuram	309	181	7728	914	2	1218	1006	73	12754	1080
2	Kollam	669	721	10839	598	297	10351	25	64	10092	1839
3	Pathanamthitta	41	322	5654	346	65	1293	63	45	8399	240
4	Alappuzha	38	1073	21750	25	5541	2955	232	0	53433	15984
5	Kottayam	22	463	25369	159	0	2163	196	40	11764	603
6	Idukki	251	301	1643	264	0	1554	610	112	3463	0
7	Ernakulam	622	1897	16453	595	0	3983	1556	22	31566	975
8	Thrissur	18495	9837	1963	3245	0	6557	576	0	54522	949
9	Palakkad	1496	615	5171	1959	5	4807	1099	23	30832	891
10	Malappuram	2365	204	11298	2232	0	10630	2936	7	46024	936
11	Kozhikode	828	419	26706	1584	0	6854	3086	8	28647	313
12	Wayanad	1138	145	3958	2433	0	767	2298	92	7247	1130
13	Kannur	5821	1345	3915	416	46	5530	2810	359	24166	355
14	Kasargod	4045	1080	1064	64	214	3651	1363	56	11351	110
	<b>Total</b>	<b>36140</b>	<b>18603</b>	<b>143511</b>	<b>14834</b>	<b>6170</b>	<b>62313</b>	<b>17856</b>	<b>901</b>	<b>334260</b>	<b>25405</b>

Table 22: Species wise total consumption of Local wood (Softwood) during 2013-14 (**in m<sup>3</sup>**) (Contd....)

Sl. No	District	Ooravu	kulamavu	Gulmohar	Kaara	Punna	Kunnivaak <sup>a</sup>	Uthy	Kasumavu	Ambazham	Others
1	Thiruvananthapuram	30	0	0	6	545	77	23	914	0	59
2	Kollam	10	0	0	36	293	40	297	1693	101	394
3	Pathanamthitta	0	108	0	0	0	35	120	952	2	31
4	Alappuzha	40	85	1200	4	375	1271	108	2493	165	290
5	Kottayam	0	319	20	1231	272	20	10	579	21	215
6	Idukki	0	251	0	0	131	209	0	632	0	78
7	Ernakulam	14	189	0	676	881	496	177	5851	184	248
8	Thrissur	0	300	191	563	287	5519	50	2997	55	429
9	Palakkad	0	220	239	1050	1120	3369	0	2452	57	1487
10	Malappuram	0	269	117	157	477	1508	41	4019	125	332
11	Kozhikode	0	294	362	170	1724	1225	12	2041	62	579
12	Wayanad	0	302	286	124	858	1351	0	494	207	105
13	Kannur	16	1212	604	60	429	2800	100	3799	167	240
14	Kasargod	95	652	390	44	13	1012	2	1746	0	285
	<b>Total</b>	<b>205</b>	<b>4201</b>	<b>3409</b>	<b>4121</b>	<b>7405</b>	<b>18932</b>	<b>940</b>	<b>30662</b>	<b>1146</b>	<b>4772</b>



Table 23: Total consumption of imported wood (Hardwood) during 2013-14 (**in m<sup>3</sup>**)

Sl. No	District	Species							
		Balsam	Aspen	Alder	Beech	Gickory	Maple	Teak	Jack wood
1	Thiruvananthapuram	131	0	122	0	0	0	4620	386
2	Kollam	0	0	0	0	0	0	566	295
3	Pathanamthitta	15	1200	15	28	25	30	1912	50
4	Alappuzha	78	0	0	116	0	0	565	133
5	Kottayam	0	0	0	15	0	54	802	0
6	Idukki	0	0	0	0	0	0	8	0
7	Ernakulam	1321	350	1198	0	0	50	8134	3100
8	Thrissur	660	0	50	10	100	30	5773	0
9	Palakkad	300	0	145	0	220	0	922	9
10	Malappuram	272	0	0	115	0	290	1578	240
11	Kozhikode	622	0	200	106	583	22	3211	369
12	Wayanad	0	0	96	0	0	0	140	15
13	Kannur	517	400	200	840	330	621	1669	770
14	Kasargod	336	0	0	98	10	208	1760	1019
	<b>Total</b>	<b>4252</b>	<b>1950</b>	<b>2026</b>	<b>1328</b>	<b>1268</b>	<b>1305</b>	<b>31660</b>	<b>6386</b>

Table 23: Total consumption of imported wood (Hardwood) during 2013-14 (**in m<sup>3</sup>**) (Contd....)

Sl. No	District	Species							
		Walnut	Magnolia	Mahogany	Ash	Violet	Birch	Pincoda	others
1	Thiruvananthapuram	165	128	60	0	5511	0	5252	30
2	Kollam	8	100	0	0	1436	0	1755	35
3	Pathanamthitta	0	0	0	10	223	40	11907	35
4	Alappuzha	50	60	130	0	321	90	5894	94
5	Kottayam	0	0	77	0	743	0	1833	10
6	Idukki	0	0	0	0	2	0	148	43
7	Ernakulam	20	0	625	870	1661	157	16108	130
8	Thrissur	12	30	282	0	550	50	20161	379
9	Palakkad	0	0	0	0	615	138	3721	255
10	Malappuram	0	0	0	0	740	97	10885	287
11	Kozhikode	145	166	1131	0	230	374	10441	50
12	Wayanad	58	0	0	0	0	0	171	0
13	Kannur	790	655	845	0	906	338	4851	434
14	Kasargod	360	36	280	0	160	82	5805	100
	<b>Total</b>	<b>1608</b>	<b>1175</b>	<b>3430</b>	<b>880</b>	<b>13098</b>	<b>1366</b>	<b>98932</b>	<b>1882</b>

Table 24: Total consumption of imported wood (Softwood) during 2013-14 (**in m<sup>3</sup>**)

Sl. No	District	Species			
		Pine	Redwood	Spruce	Others
1	Thiruvananthapuram	0	34	73	0
2	Kollam	0	0	0	0
3	Pathanamthitta	0	5	0	0
4	Alappuzha	0	0	20	5
5	Kottayam	0	169	0	0
6	Idukki	10	0	0	0
7	Ernakulam	0	1	0	0
8	Thrissur	133	32	0	0
9	Palakkad	245	44	77	0
10	Malappuram	1	0	0	12
11	Kozhikode	0	5	153	0
12	Wayanad	0	0	0	0
13	Kannur	62	68	0	0
14	Kasargod	247	108	30	1
	<b>Total</b>	<b>698</b>	<b>466</b>	<b>353</b>	<b>18</b>

Table 25: Total consumption of all kinds of wood during 2013-14 **(in m<sup>3</sup>)**

Sl. No	District	Hardwood				Softwood			
		Forest	Local	Import	Total	Forest	Local	Import	Total
1	Thiruvananthapuram	6526	147919	16405	170850	1016	26919	107	28042
2	Kollam	12682	126997	4195	143874	1247	38359		39606
3	Pathanamthitta	1867	57246	15490	74603	140	17716	5	17861
4	Alappuzha	8090	247244	7531	262865	251	107062	25	107338
5	Kottayam	728	113642	3534	117904	815	43466	169	44450
6	Idukki	1909	26766	201	28876	461	9499	10	9970
7	Ernakulam	18041	138564	33724	190329	4424	66385	1	70810
8	Thrissur	12120	160981	28087	201188	359	106535	165	107059
9	Palakkad	3407	104603	6325	114335	463	56892	366	57721
10	Malappuram	8155	165521	14504	188180	260	83677	13	83950
11	Kozhikode	17506	104983	17650	140139	3183	74914	158	78255
12	Wayanad	271	27134	480	27885		22935		22935
13	Kannur	2576	70538	14166	87280	271	54190	130	54591
15	Kasargod	1156	28295	10254	39705	2082	27237	386	29705
	<b>Total</b>	<b>95034</b>	<b>1520433</b>	<b>172546</b>	<b>1788013</b>	<b>14972</b>	<b>735786</b>	<b>1535</b>	<b>752293</b>

Table 26: Firm wise total consumption of all kinds of wood during 2013-14 (**in m<sup>3</sup>**)

Sl. No	Type of firm	Hardwood				Softwood			
		Forest	Local	Import	Total	Forest	Local	Import	Total
<b>1</b>	Saw mill	30150	941728	32452	1004330	8447	440049	341	448837
<b>2</b>	Saw mill +Depot	43957	387446	116661	548064	2514	203186	868	206568
<b>3</b>	Saw mill +others	20927	191259	23433	235619	4011	92551	326	96888
	<b>Total</b>	<b>95034</b>	<b>1520433</b>	<b>172546</b>	<b>1788013</b>	<b>14972</b>	<b>735786</b>	<b>1535</b>	<b>752293</b>

Table 27: Total volume of sawn wood received for further processing (Planing) by the saw mills in Kerala during 2013-14 (**in m<sup>3</sup>**)

Sl No	District	Hard Wood	Soft Wood	Total
1	Thiruvananthapuram	48,186.20	16,967.00	65,153.20
2	Kollam	1,73,590.00	15,392.00	1,88,982.00
3	Pathanamthitta	22,353.00	78.00	22,431.00
4	Alappuzha	85,370.00	9,111.00	94,481.00
5	Kottayam	5,55,601.00	16,688.00	5,72,289.00
6	Idukki	1,67,615.00	40,728.00	2,08,343.00
7	Ernakulam	27,941.00	5,883.00	33,824.00
8	Thrissur	25,292.50	11,901.00	37,193.50
9	Palakkad	48,253.00	26,702.00	74,955.00
10	Malappuram	82,548.00	14,553.00	97,101.00
11	Kozhikode	47,779.00	6,812.00	54,591.00
12	Wayanad	10,584.00	6,170.00	16,754.00
13	Kannur	77,560.00	18,106.00	95,666.00
14	Kasargod	3,188.00	2,171.00	5,359.00
	<b>Total</b>	13,75,860.70	1,91,262.00	15,67,122.70

Table 28: Total quantity of firewood and sawn dust produced in the Saw Mills in Kerala (in tones)

Sl No	District	Firewood	Sawn dust
1	Thiruvananthapuram	15,194.60	5,552.85
2	Kollam	9,790.00	10,022.00
3	Pathanamthitta	5,472.00	1,753.00
4	Alappuzha	28,865.30	5,028.30
5	Kottayam	30,521.00	13,680.00
6	Idukki	1,965.00	1,905.00
7	Ernakulam	15,799.10	9,201.65
8	Thrissur	11,077.85	8,309.59
9	Palakkad	23,458.00	6,637.00
10	Malappuram	24,816.00	9,293.00
11	Kozhikode	4,637.00	6,719.00
12	Wayanad	743.00	4,118.00
13	Kannur	3,526.00	7,472.00
14	Kasargod	4,457.00	3,596.00
	<b>Total</b>	<b>1,80,321.85</b>	<b>93,287.39</b>

Table 29: Total number of employees working in sawmills during 2013-14

**Managerial cadre**

Sl. No	District	Full Time workers			Part Time workers		
		Male	Female	Total	Male	Female	Total
1	Thiruvananthapuram	290	12	302	5	0	5
2	Kollam	272	9	281	0	0	0
3	Pathanamthitta	144	10	154	0	0	0
4	Alappuzha	239	10	249	4	0	4
5	Kottayam	265	4	269	3	0	3
6	Idukki	52	3	55	0	0	0
7	Ernakulam	316	23	339	15	6	21
8	Thrissur	255	29	284	6	0	6
9	Palakkad	399	2	401	7	1	8
10	Malappuram	452	4	456	6	0	6
11	Kozhikode	334	7	341	2	0	2
12	Wayanad	46	3	49	2	0	2
13	Kannur	207	5	212	2	1	3
14	Kasargod	100	3	103	1	0	1
	<b>Total</b>	<b>3,371</b>	<b>124</b>	<b>3,495</b>	<b>53</b>	<b>8</b>	<b>61</b>

Table 30: Total number of employees working in sawmills during 2013-14

**Loading and Unloading/helpers**

Sl. No	District	Full Time workers			Part Time workers		
		Male	Female	Total	Male	Female	Total
1	Thiruvananthapuram	156	3	159	10	6	16
2	Kollam	262	29	291	38	1	39
3	Pathanamthitta	97	0	97	10	0	10
4	Alappuzha	70	0	70	6	0	6
5	Kottayam	199	0	199	49	0	49
6	Idukki	60	0	60	3	0	3
7	Ernakulam	584	8	592	68	2	70
8	Thrissur	178	10	188	13	0	13
9	Palakkad	678	5	683	25	0	25
10	Malappuram	880	0	880	42	0	42
11	Kozhikode	414	1	415	40	0	40
12	Wayanad	215	0	215	4	0	4
13	Kannur	338	6	344	82	3	85
14	Kasargod	297	5	302	26	1	27
	<b>Total</b>	<b>4,428</b>	<b>67</b>	<b>4,495</b>	<b>416</b>	<b>13</b>	<b>429</b>

Table 31: Total number of employees working in sawmills during 2013-14

**Sawyers**

Sl. No	District	Full Time workers			Part Time workers		
		Male	Female	Total	Male	Female	Total
1	Thiruvananthapuram	874	3	877	29	0	29
2	Kollam	964	2	966	36	0	36
3	Pathanamthitta	405	0	405	16	0	16
4	Alappuzha	590	0	590	17	0	17
5	Kottayam	799	2	801	87	0	87
6	Idukki	136	0	136	13	0	13
7	Ernakulam	855	2	857	34	0	34
8	Thrissur	801	6	807	58	0	58
9	Palakkad	784	0	784	23	0	23
10	Malappuram	1,085	0	1,085	7	0	7
11	Kozhikode	1,152	0	1,152	22	0	22
12	Wayanad	117	0	117	1	0	1
13	Kannur	618	3	621	27	0	27
14	Kasargod	245	0	245	1	0	1
	<b>Total</b>	<b>9,425</b>	<b>18</b>	<b>9,443</b>	<b>371</b>	<b>0</b>	<b>371</b>

Table 32: Total number of employees working in sawmills during 2013-14

**Carpenters**

Sl. No	District	Full Time workers			Part Time workers		
		Male	Female	Total	Male	Female	Total
1	Thiruvananthapuram	82	0	82	6	0	6
2	Kollam	119	0	118	9	0	9
3	Pathanamthitta	35	0	35	6	0	6
4	Alappuzha	31	0	31	7	0	7
5	Kottayam	38	0	38	6	0	6
6	Idukki	18	0	18	4	0	4
7	Ernakulam	38	0	38	18	0	18
8	Thrissur	169	0	169	19	0	19
9	Palakkad	255	0	255	22	0	22
10	Malappuram	303	0	303	15	0	15
11	Kozhikode	99	0	100	4	0	4
12	Wayanad	3	0	3	0	0	0
13	Kannur	40	0	40	4	0	4
14	Kasargod	16	0	16	6	0	6
	<b>Total</b>	<b>1,246</b>	<b>0</b>	<b>1,246</b>	<b>126</b>	<b>0</b>	<b>126</b>



Table 33: Total number of employees working in sawmills during 2013-14

**Drivers and Crane operators**

Sl. No	District	Full Time workers			Part Time workers		
		Male	Female	Total	Male	Female	Total
1	Thiruvananthapuram	45	0	45	2	0	2
2	Kollam	30	0	30	2	0	2
3	Pathanamthitta	18	0	18	1	0	1
4	Alappuzha	16	0	16	1	0	1
5	Kottayam	32	0	32	10	0	10
6	Idukki	7	0	7	0	0	0
7	Ernakulam	79	0	79	6	0	6
8	Thrissur	39	0	39	3	0	3
9	Palakkad	40	0	40	1	0	1
10	Malappuram	36	0	36	1	0	1
11	Kozhikode	31	0	31	3	0	3
12	Wayanad	9	0	9	0	0	0
13	Kannur	21	0	21	4	0	4
14	Kasargod	25	0	25	1	0	1
	<b>Total</b>	<b>428</b>	<b>0</b>	<b>428</b>	<b>35</b>	<b>0</b>	<b>35</b>

Table 34: Total number of employees working in sawmills during 2013-14

**Cleaning Staff**

Sl. No	District	Full Time workers			Part Time workers		
		Male	Female	Total	Male	Female	Total
1	Thiruvananthapuram	22	2	24	1	1	2
2	Kollam	26	14	40	2	0	2
3	Pathanamthitta	9	0	9	4	0	4
4	Alappuzha	9	0	9	1	1	2
5	Kottayam	11	3	14	7	4	11
6	Idukki	7	1	8	0	1	1
7	Ernakulam	18	11	29	7	4	11
8	Thrissur	21	5	26	7	1	8
9	Palakkad	19	7	26	1	11	12
10	Malappuram	39	5	44	6	7	13
11	Kozhikode	55	0	55	11	12	23
12	Wayanad	4	0	4	3	1	4
13	Kannur	18	7	25	3	4	7
14	Kasargod	22	9	31	1	0	1
	<b>Total</b>	<b>280</b>	<b>64</b>	<b>344</b>	<b>54</b>	<b>47</b>	<b>101</b>

Table 35. Number of Workers from other States in saw mills 2013-14

**Managerial**

Sl. No	District	Tamil Nadu	Karnataka	West Bengal	Orissa	Assam	Uttar Pradesh	Bihar	Others	Total
1	Thiruvananthapuram	33	0	1	0	1	0	0	2	37
2	Kollam	44	0	2	0	0	0	0	0	46
3	Pathanamthitta	2	0	0	0	0	0	0	0	2
4	Alappuzha	0	0	0	0	0	0	0	0	0
5	Kottayam	0	0	4	0	0	0	0	0	4
6	Idukki	0	0	0	0	0	0	0	0	0
7	Ernakulam	0	0	0	0	0	0	0	0	0
8	Thrissur	0	0	0	0	0	0	0	0	0
9	Palakkad	0	0	0	0	0	0	0	0	0
10	Malappuram	0	0	0	0	0	0	0	0	0
11	Kozhikode	0	0	0	0	0	0	0	0	0
12	Wayanad	0	0	0	1	0	0	0	0	1
13	Kannur	0	0	0	0	0	2	4	0	6
14	Kasargod	0	3	0	0	0	0	0	0	3
	<b>Total</b>	<b>79</b>	<b>3</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>99</b>

Table 36. Number of Workers from other States in saw mills 2013-14

***Loading and Unloading/helpers***

Sl. No	District	Tamil Nadu	Karnataka	Andhra Pradesh	West Bengal	Orissa	Assam	Uttar Pradesh	Bihar	Others	Total
1	Thiruvananthapuram	41	0	0	6	0	4	3	1	0	55
2	Kollam	11	0	0	42	5	18	5	1	0	82
3	Pathanamthitta	12	0	0	8	0	2	0	5	0	27
4	Alappuzha	1	0	0	2	0	2	0	1	1	7
5	Kottayam	4	0	0	25	18	23	15	45	6	136
6	Idukki	5	0	0	3	0	9	0	0	0	17
7	Ernakulam	2	0	2	36	96	94	3	11	6	250
8	Thrissur	2	0	0	6	7	8	4	9	0	36
9	Palakkad	0	0	0	16	11	18	2	11	2	60
10	Malappuram	7	1	0	43	20	42	7	12	14	146
11	Kozhikode	1	0	1	26	66	17	7	4	0	122
12	Wayanad	0	4	0	8	18	9	0	0	0	39
13	Kannur	3	0	0	22	27	10	28	1	1	92
14	Kasargod	2	5	2	1	8	6	4	1	1	30
	<b>Total</b>	<b>91</b>	<b>10</b>	<b>5</b>	<b>244</b>	<b>276</b>	<b>262</b>	<b>78</b>	<b>102</b>	<b>31</b>	<b>1099</b>

Table 37. Number of Workers from other States in saw mills 2013-14

**Sawyers**

Sl. No	District	Tamil Nadu	Karnataka	Andhra Pradesh	West Bengal	Orissa	Assam	Uttar Pradesh	Bihar	Others	Total
1	Thiruvananthapuram	184	0	4	13	1	11	14	6	5	238
2	Kollam	296	0	0	31	4	19	3	8	2	363
3	Pathanamthitta	35	1	0	7	0	1	0	10	1	55
4	Alappuzha	10	0	0	3	0	2	0	0	0	15
5	Kottayam	3	0	0	28	15	9	7	67	0	129
6	Idukki	11	0	0	0	0	3	0	0	1	15
7	Ernakulam	0	0	0	23	32	53	4	2	25	139
8	Thrissur	6	0	4	16	6	19	4	2	2	59
9	Palakkad	3	0	0	0	7	1	1	5	1	18
10	Malappuram	3	1	0	11	3	20	0	4	2	44
11	Kozhikode	5	0	0	15	28	5	2	2	9	66
12	Wayanad	0	0	0	0	0	0	0	0	0	0
13	Kannur	1	1	2	3	19	7	2	1	1	37
14	Kasargod	0	3	1	1	3	2	1	2	0	13
	<b>Total</b>	<b>557</b>	<b>6</b>	<b>11</b>	<b>151</b>	<b>118</b>	<b>152</b>	<b>38</b>	<b>109</b>	<b>49</b>	<b>1191</b>

Table 38. Number of Workers from other States in saw mills 2013-14

**Carpenters**

Sl. No	District	Tamil Nadu	West Bengal	Orissa	Assam	Uttar Pradesh	Bihar	Others	Total
1	Thiruvananthapuram	5	3	0	0	0	0	0	8
2	Kollam	1	15	0	0	0	10	0	26
3	Pathanamthitta	0	6	0	0	0	9	0	15
4	Alappuzha	0	0	0	0	3	0	0	3
5	Kottayam	0	0	2	0	6	7	0	15
6	Idukki	0	0	0	0	0	0	0	0
7	Ernakulam	0	6	0	1	4	0	0	11
8	Thrissur	0	10	0	6	11	4	3	34
9	Palakkad	0	2	1	0	8	0	0	11
10	Malappuram	0	45	0	3	7	2	1	58
11	Kozhikode	2	19	0	0	0	0	0	21
12	Wayanad	0	0	0	0	0	0	0	0
13	Kannur	0	1	0	0	0	0	0	1
14	Kasargod	4	0	0	0	7	0	0	11
	<b>Total</b>	<b>12</b>	<b>107</b>	<b>3</b>	<b>10</b>	<b>46</b>	<b>32</b>	<b>4</b>	<b>214</b>

Table 39. Number of Workers from other States in saw mills 2013-14

***Drivers and Crane operators***

Sl. No	District	Tamil Nadu	Orissa	Others	Total
1	Thiruvananthapuram	4	0	0	4
2	Kollam	1	0	0	1
3	Pathanamthitta	0	0	0	
4	Alappuzha	0	0	0	0
5	Kottayam	0	0	0	0
6	Idukki	0	0	0	0
7	Ernakulam	0	0	1	1
8	Thrissur	0	0	0	0
9	Palakkad	0	0	0	0
10	Malappuram	0	0	0	0
11	Kozhikode	0	0	0	0
12	Wayanad	1	0	0	1
13	Kannur	0	0	0	0
14	Kasargod	0	2	1	3
	<b>Total</b>	<b>6</b>	<b>2</b>	<b>2</b>	<b>10</b>

Table 40. Number of Workers from other States in saw mills 2013-14

**Cleaning staff**

Sl. No	District	Tamil Nadu	Karnataka	Andhra Pradesh	West Bengal	Orissa	Assam	Uttar Pradesh	Bihar	Others	Total
1	Thiruvananthapuram	27	0	3	2	0	0	1	0	0	33
2	Kollam	1	0	0	0	0	2	0	0	0	3
3	Pathanamthitta	0	0	0	1	0	0	0	0	2	3
4	Alappuzha	0	0	0	0	0	0	0	1	0	1
5	Kottayam	0	0	0	5	0	0	0	0	0	5
6	Idukki	0	0	0	0	0	2	0	0	0	2
7	Ernakulam	1	0	0	3	0	0	1	0	0	5
8	Thrissur	0	0	0	1	0	0	0	2	0	3
9	Palakkad	0	0	0	1	2	0	2	0	0	5
10	Malappuram	2	0	0	2	0	4	0	0	0	8
11	Kozhikode	2	0	0	6	4	1	0	2	0	15
12	Wayanad	0	0	0	0	0	0	0	0	0	0
13	Kannur	0	0	0	3	2	0	0	0	0	5
14	Kasargod	3	2	1	0	1	4	0	3	4	18
	<b>Total</b>	<b>36</b>	<b>2</b>	<b>4</b>	<b>24</b>	<b>9</b>	<b>13</b>	<b>4</b>	<b>8</b>	<b>6</b>	<b>106</b>

Table 41. Total Number of workers from other states in the saw mills in Kerala

Sl. No	District	Tamil Nadu	Karnataka	Andhra Pradesh	West Bengal	Orissa	Assam	Uttar Pradesh	Bihar	Others	Total
1	Thiruvananthapuram	294	0	7	25	1	16	18	7	7	375
2	Kollam	354	0	0	90	9	39	8	19	2	521
3	Pathanamthitta	49	1	0	22	0	3	0	24	3	102
4	Alappuzha	11	0	0	5	0	4	3	2	1	26
5	Kottayam	7	0	0	62	35	32	28	119	6	289
6	Idukki	16	0	0	3	0	14	0	0	1	34
7	Ernakulam	3	0	2	68	128	148	12	13	32	406
8	Thrissur	8	0	4	33	13	33	19	17	5	132
9	Palakkad	3	0	0	19	21	19	13	16	3	94
10	Malappuram	12	2	0	101	23	69	14	18	17	256
11	Kozhikode	10	0	1	66	98	23	9	8	9	224
12	Wayanad	1	4	0	8	19	9	0	0	0	41
13	Kannur	4	1	2	29	48	17	32	6	2	141
14	Kasargod	9	13	4	2	14	12	12	6	6	78
	<b>Total</b>	<b>781</b>	<b>21</b>	<b>20</b>	<b>533</b>	<b>409</b>	<b>438</b>	<b>168</b>	<b>255</b>	<b>94</b>	<b>2719</b>



Table 42. Total Number workers from other States in the saw mills in Kerala by category of job.

Sl. No	Job category	Tamil Nadu	Karnataka	Andhra Pradesh	West Bengal	Orissa	Assam	Uttar Pradesh	Bihar	Others	Total
1	Managerial	79	3	0	7	1	1	2	4	2	99
2	Loading and unloading/helpers	91	10	5	244	276	262	78	102	31	1099
3	Sawyers	557	6	11	151	118	152	38	109	49	1191
4	Carpenters	12	0	0	107	3	10	46	32	4	214
5	Drivers and Crane Operators	6	0	0	0	2	0	0	0	2	10
6	Cleaning Staff	36	2	4	24	9	13	4	8	6	106
	<b>Total</b>	<b>781</b>	<b>21</b>	<b>20</b>	<b>533</b>	<b>409</b>	<b>438</b>	<b>168</b>	<b>255</b>	<b>94</b>	<b>2719</b>

Table 43. Total man days worked by employees in saw mills of Kerala (gender wise) during November 2014.

**Managerial**

Sl. No	Districts	Full Time			Part Time		
		Male	Female	Total	Male	Female	Total
1	Thiruvananthapuram	6470	214	6684	34	0	34
2	Kollam	5641	168	5809	0	0	0
3	Pathanamthitta	2994	230	3224	0	3	3
4	Alappuzha	4907	156	5063	71	0	71
5	Kottayam	5873	84	5957	49	0	49
6	Idukki	1093	64	1157	0	0	0
7	Ernakulam	6930	500	7430	282	99	381
8	Thrissur	6105	712	6817	105	0	105
9	Palakkad	8543	41	8584	116	10	126
10	Malappuram	10078	96	10174	90	0	90
11	Kozhikode	7203	166	7369	18	0	18
12	Wayanad	937	59	996	17	0	17
13	Kannur	4056	117	4173	33	20	53
14	Kasargod	2192	70	2262	22	0	22
	<b>Total</b>	<b>73022</b>	<b>2677</b>	<b>75699</b>	<b>837</b>	<b>132</b>	<b>969</b>

Table 44. Total man days worked by employees in saw mills of Kerala (gender wise) during November 2014.

***Loading and Unloading/helpers***

Sl. No	Districts	Full Time			Part Time		
		Male	Female	Total	Male	Female	Total
1	Thiruvananthapuram	3125	75	3200	161	50	211
2	Kollam	4653	435	5088	551	20	571
3	Pathanamthitta	1833	0	1833	165	0	165
4	Alappuzha	1303	0	1303	93	0	93
5	Kottayam	4925	0	4925	1056	0	1056
6	Idukki	1268	0	1268	47	0	47
7	Ernakulam	12134	152	12286	1155	35	1190
8	Thrissur	3766	235	4001	254	0	254
9	Palakkad	13421	84	13505	318	0	318
10	Malappuram	18271	0	18271	783	0	783
11	Kozhikode	7836	20	7856	469	0	469
12	Wayanad	4076	0	4076	29	0	29
13	Kannur	6246	124	6370	1476	66	1542
14	Kasargod	6233	120	6353	524	15	539
	<b>Total</b>	<b>89090</b>	<b>1245</b>	<b>90335</b>	<b>7081</b>	<b>186</b>	<b>7267</b>

Table 45. Total man days worked by employees in saw mills of Kerala (gender wise) November 2014.

**Sawyers**

Sl. No	Districts	Full Time			Part Time		
		Male	Female	Total	Male	Female	Total
1	Thiruvananthapuram	17267	0	17267	418	12	430
2	Kollam	16949	37	16986	661	0	661
3	Pathanamthitta	7841	0	7841	257	0	257
4	Alappuzha	11665	34	11699	318	0	318
5	Kottayam	16352	34	16386	1382	0	1382
6	Idukki	2714	0	2714	228	0	228
7	Ernakulam	17700	76	17776	621	8	629
8	Thrissur	17147	125	17272	1085	0	1085
9	Palakkad	15905	0	15905	404	0	404
10	Malappuram	22147	0	22147	131	0	131
11	Kozhikode	21761	0	21761	210	0	210
12	Wayanad	2262	0	2262	2	0	2
13	Kannur	10860	38	10898	414	0	414
14	Kasargod	5284	0	5284	11	0	11
	<b>Total</b>	<b>185854</b>	<b>344</b>	<b>186198</b>	<b>6142</b>	<b>20</b>	<b>6162</b>

Table 46. Total man days worked by employees in saw mills of Kerala (gender wise) November 2014.

**Carpenters**

Sl. No	Districts	Full Time			Part Time		
		Male	Female	Total	Male	Female	Total
1	Thiruvananthapuram	1480	0	1480	97	0	97
2	Kollam	2265	0	2265	75	0	75
3	Pathanamthitta	578	0	578	139	0	139
4	Alappuzha	509	0	509	84	0	84
5	Kottayam	707	0	707	119	0	119
6	Idukki	282	0	282	45	0	45
7	Ernakulam	756	0	756	327	0	327
8	Thrissur	3632	0	3632	414	0	414
9	Palakkad	4897	0	4897	308	0	308
10	Malappuram	6696	0	6696	259	0	259
11	Kozhikode	1930	0	1930	35	0	35
12	Wayanad	80	0	80	0	0	0
13	Kannur	793	0	793	48	0	48
14	Kasargod	339	0	339	132	0	132
	<b>Total</b>	<b>24944</b>	<b>0</b>	<b>24944</b>	<b>2082</b>	<b>0</b>	<b>2082</b>

Table 47. Total man days worked by employees in saw mills of Kerala (gender wise) during November 2014.

***Drivers and Crane operators***

Sl. No	Districts	Full Time			Part Time		
		Male	Female	Total	Male	Female	Total
1	Thiruvananthapuram	852	0	852	36	0	36
2	Kollam	570	0	570	10	0	10
3	Pathanamthitta	380	0	380	9	0	9
4	Alappuzha	375	0	375	3	0	3
5	Kottayam	566	0	566	189	0	189
6	Idukki	126	0	126	0	0	0
7	Ernakulam	1554	0	1554	93	0	93
8	Thrissur	904	0	904	39	0	39
9	Palakkad	1091	0	1091	44	0	44
10	Malappuram	635	0	635	20	0	20
11	Kozhikode	659	0	659	28	0	28
12	Wayanad	156	0	156	0	0	0
13	Kannur	429	0	429	72	4	76
14	Kasargod	541	0	541	21	0	21
	<b>Total</b>	<b>8838</b>	<b>0</b>	<b>8838</b>	<b>564</b>	<b>4</b>	<b>568</b>

Table 48. Total man days worked by employees in saw mills of Kerala (gender wise) during November 2014.

***Cleaning staff***

Sl. No	Districts	Full Time			Part Time		
		Male	Female	Total	Male	Female	Total
1	Thiruvananthapuram	471	8	479	43	4	47
2	Kollam	668	247	915	35	0	35
3	Pathanamthitta	180	0	180	41	0	41
4	Alappuzha	156	0	156	24	14	38
5	Kottayam	321	72	393	136	63	199
6	Idukki	168	18	186	0	12	12
7	Ernakulam	272	190	462	157	70	227
8	Thrissur	647	115	762	226	23	249
9	Palakkad	615	172	787	25	229	254
10	Malappuram	828	231	1059	12	157	169
11	Kozhikode	1025	0	1025	124	126	250
12	Wayanad	78	0	78	63	15	78
13	Kannur	441	138	579	46	59	105
14	Kasargod	471	199	670	32	0	32
	<b>Total</b>	<b>6341</b>	<b>1390</b>	<b>7731</b>	<b>964</b>	<b>772</b>	<b>1736</b>

Table 49. Total man days worked by employees in saw mills of Kerala (gender wise) during November 2014.

Sl. No	Districts	Full Time			Part Time		
		Male	Female	Total	Male	Female	Total
1	Thiruvananthapuram	29665	297	29962	789	66	855
2	Kollam	30746	887	31633	1332	20	1352
3	Pathanamthitta	13806	230	14036	611	3	614
4	Alappuzha	18915	190	19105	593	14	607
5	Kottayam	28744	190	28934	2931	63	2994
6	Idukki	5651	82	5733	320	12	332
7	Ernakulam	39346	918	40264	2635	212	2847
8	Thrissur	32201	1187	33388	2123	23	2146
9	Palakkad	44472	297	44769	1215	239	1454
10	Malappuram	58655	327	58982	1295	157	1452
11	Kozhikode	40414	186	40600	884	126	1010
12	Wayanad	7589	59	7648	111	15	126
13	Kannur	22825	417	23242	2089	149	2238
14	Kasargod	15060	389	15449	742	15	757
	<b>Total</b>	<b>388089</b>	<b>5656</b>	<b>393745</b>	<b>17670</b>	<b>1114</b>	<b>18784</b>



Table 50. Total man days worked by employees in the saw mills of Kerala during 2013-14 (gender wise) by kind of job

Sl. No	Job category	Full Time			Part Time		
		Male	Female	Total	Male	Female	Total
1	Managerial	73022	2677	75699	837	132	969
2	Loading and unloading/helpers	89090	1245	90335	7081	186	7267
3	Sawyers	185854	344	186198	6142	20	6162
4	Carpenters	24944	0	24944	2082	0	2082
5	Drivers and Crane Operators	8838	0	8838	564	4	568
6	Cleaning Staff	6341	1390	7731	964	772	1736
	<b>Total</b>	<b>388089</b>	<b>5656</b>	<b>393745</b>	<b>17670</b>	<b>1114</b>	<b>18784</b>

Table 51. Firm wise working capital as on date of survey (Rs. in Lakhs)

Sl.No	Type of firm	Total capital locked up in stock of logs, and other materials for use	Amount receivable	Amount payable	Total (Item (1 + 2) – 3 )
1	Saw mill	7,400.99	1,320.78	1,435.09	7,286.68
2	Saw mill+ Depot	31,891.65	6,138.25	9,244.15	28,785.75
3	Saw mill+ others	8,301.44	1,364.81	2,737.77	6,928.47
	<b>Total</b>	<b>47,594.08</b>	<b>8,823.84</b>	<b>13,417.02</b>	<b>43,000.91</b>

Table 52.District wise working capital as on date of survey (Rs. in Lakhs)

Sl. No	District	Total capital locked up in stock of logs, and other materials for use	Amount receivable	Amount payable	Total (Item (1 + 2) – 3 )
1	Thiruvananthapuram	6,540.36	724.40	1,319.95	5,944.80
2	Kollam	2,728.69	355.88	627.78	2,456.79
3	Pathanamthitta	883.61	121.61	119.77	885.45
4	Alappuzha	2,104.05	109.09	215.27	1,997.86
5	Kottayam	2,276.91	467.79	480.83	2,263.87
6	Idukki	795.93	109.25	48.26	856.91
7	Ernakulam	7,541.22	2,370.15	3,804.01	6,107.36
8	Thrissur	6,473.17	2,410.31	3,281.18	5,602.30
9	Palakkad	3,366.93	567.04	753.45	3,180.52
10	Malappuram	5,225.46	732.57	1,207.62	4,750.41
11	Kozhikode	1,487.79	112.81	424.15	1,176.45
12	Wayanad	512.34	176.85	198.23	490.96
13	Kannur	2,765.89	189.29	339.33	2,615.85
14	Kasargod	4,891.73	376.83	597.20	4,671.37
	<b>Total</b>	<b>47,594.08</b>	<b>8,823.84</b>	<b>13,417.02</b>	<b>43,000.91</b>

Table 53. District wise Expenditure during November 2014 and 2013-14 (Rs. in Lakhs)

Sl. No	District	Logs		Fuel/Lubricants		Electricity charges ,Water charges		Telephone, Internet	
		Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14
1	Thiruvananthapuram	666.38	8,818.71	7.20	86.36	133.38	13,471.95	1.22	15.52
2	Kollam	224.53	3,450.33	3.47	45.44	26.62	307.29	1.38	17.61
3	Pathanamthitta	103.59	1,414.78	2.01	20.67	11.07	124.19	0.55	6.68
4	Alappuzha	68.34	792.58	3.20	34.69	14.60	163.05	0.62	6.92
5	Kottayam	362.34	4,603.27	4.50	54.89	21.57	249.44	1.27	16.44
6	Idukki	36.62	394.70	1.57	17.43	4.27	45.28	0.22	2.58
7	Ernakulam	1,162.91	14,531.94	7.10	82.00	31.63	339.23	2.85	32.38
8	Thrissur	488.95	10,062.02	7.39	85.21	22.78	247.06	1.61	18.17
9	Palakkad	463.74	4,399.68	5.67	60.62	26.55	292.64	1.36	17.48
10	Malappuram	703.61	8,019.44	9.92	104.27	39.29	477.44	1.78	23.10
11	Kozhikode	145.66	2,753.72	3.82	44.63	26.61	278.27	1.08	11.64
12	Wayanad	128.22	1,009.98	2.35	28.33	5.67	60.00	0.35	4.27
13	Kannur	233.39	2,813.01	3.46	46.51	20.89	216.31	1.22	15.47
14	Kasargod	279.44	3,399.19	4.27	48.81	11.03	152.21	0.43	4.96
	<b>Total</b>	5,067.73	66,463.38	65.94	759.86	395.95	16,424.36	15.94	193.21

Table 53. District wise Expenditure during November 2014 and 2013-14 (Rs. in Lakhs) (Contd...)

Sl. No	District	Repair and maintenance		Transportation		Advertisement and marketing		Stationary and postage	
		Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14
1	Thiruvananthapuram	9.41	105.25	12.89	152.03	0.43	6.27	0.45	6.21
2	Kollam	8.80	90.16	3.72	45.09	0.37	7.09	0.53	4.85
3	Pathanamthitta	4.29	38.71	2.56	26.35	0.42	5.37	0.17	1.85
4	Alappuzha	8.75	76.22	0.89	11.49	0.01	1.04	0.14	21.73
5	Kottayam	7.34	72.56	4.01	47.41	0.31	6.14	0.25	10.21
6	Idukki	2.52	19.60	1.31	16.02	0.12	2.34	0.17	1.61
7	Ernakulam	11.33	127.36	8.67	102.22	0.51	8.14	0.84	9.46
8	Thrissur	9.34	96.82	5.79	83.85	0.36	4.64	0.61	7.43
9	Palakkad	9.61	93.71	6.24	64.01	0.27	3.04	0.78	7.26
10	Malappuram	14.15	149.50	5.74	50.77	0.18	1.93	0.93	9.53
11	Kozhikode	17.61	122.15	2.75	33.70	0.13	2.89	0.30	3.56
12	Wayanad	5.59	56.96	3.33	38.54	0.06	0.51	0.16	2.29
13	Kannur	9.31	94.98	2.63	28.76	0.38	6.70	0.33	4.09
14	Kasargod	8.95	94.44	4.04	52.02	0.40	5.80	0.39	3.83
	<b>Total</b>	<b>126.99</b>	<b>1,238.42</b>	<b>64.55</b>	<b>752.27</b>	<b>3.92</b>	<b>61.89</b>	<b>6.05</b>	<b>93.93</b>

Table 53. District wise Expenditure during November 2014 and 2013-14 (Rs. in Lakhs) (Contd...)

Sl. No	District	Taxes, license fee and Insurance	Other expenses		Interest paid		Rent paid		Total Emoluments to employees	
		2013-14	November 2014	2013-14	November 2014	2013-14	November 2014	2013-14	November 2014	2013-14
1	Thiruvananthapuram	36.80	4.66	51.30	20.55	240.50	3.71	160.39	212.17	2,244.90
2	Kollam	36.39	2.56	33.75	16.87	211.78	6.15	73.76	241.12	2,745.52
3	Pathanamthitta	79.74	0.64	13.31	6.38	72.44	2.89	22.71	103.76	1,143.46
4	Alappuzha	47.75	2.15	21.64	5.40	64.26	1.78	19.40	105.97	1,283.24
5	Kottayam	107.96	3.15	37.59	23.74	278.71	4.45	51.06	209.69	2,413.00
6	Idukki	10.62	0.64	6.84	2.63	33.56	0.84	10.02	35.98	416.23
7	Ernakulam	587.76	7.76	94.24	55.38	809.68	7.21	74.87	217.41	2,471.31
8	Thrissur	128.59	41.80	602.06	39.13	516.72	3.46	73.28	201.87	2,435.86
9	Palakkad	120.85	4.65	40.13	17.82	232.76	11.00	112.87	268.58	3,073.07
10	Malappuram	154.29	6.04	66.37	13.25	142.54	16.14	184.22	432.35	5,328.60
11	Kozhikode	61.03	4.11	34.48	8.69	125.74	5.55	64.07	242.37	2,851.36
12	Wayanad	7.08	2.55	36.68	4.20	56.98	0.43	4.65	48.16	554.67
13	Kannur	80.01	1.67	21.50	6.88	105.77	1.85	21.83	146.20	1,712.00
14	Kasargod	327.02	1.73	19.91	2.13	30.10	6.05	68.20	79.23	940.95
	<b>Total</b>	1,785.89	84.10	1,079.81	223.07	2,921.53	71.49	941.32	2,544.83	29,614.18

Table 54. Firm wise Expenditure during November 2014 and 2013-14 (Rs. in Lakhs)

Sl. No	Type of firm	Logs		Fuel/Lubricants		Electricity charges , Water charges		Telephone, Internet	
		November 2014	2013-14	November 2014	2013-14	November 2014	2013-14	November 2014	2013-14
1	Saw mill	724.94	7,760.93	29.19	332.48	170.25	1,858.28	7.95	95.27
2	Saw mill+ Depot	3,342.10	44,666.41	27.24	313.06	183.01	14,047.25	5.09	66.20
3	Saw mill+ others	1,000.69	14,036.04	9.51	114.32	42.70	518.83	2.91	31.73
	<b>Total</b>	<b>5,067.73</b>	<b>66,463.38</b>	<b>65.94</b>	<b>759.86</b>	<b>395.95</b>	<b>16,424.36</b>	<b>15.94</b>	<b>193.21</b>

Table 54. Firm wise Expenditure during November 2014 and 2013-14 (Rs. in Lakhs) Contd.

Sl. No	Type of firm	Repair and maintenance		Transportation		Advertisement and marketing		Stationary and postage	
		November 2014	2013-14	November 2014	2013-14	November 2014	2013-14	November 2014	2013-14
1	Saw mill	77.94	700.85	12.49	145.56	0.91	13.77	2.68	48.77
2	Saw mill+ Depot	32.26	369.79	39.57	459.04	2.51	37.87	2.18	33.24
3	Saw mill+ others	16.79	167.77	12.49	147.67	0.51	10.24	1.18	11.92
	<b>Total</b>	<b>126.99</b>	<b>1,238.42</b>	<b>64.55</b>	<b>752.27</b>	<b>3.92</b>	<b>61.89</b>	<b>6.05</b>	<b>93.93</b>

Table 54. Firm wise Expenditure during November 2014 and 2013-14 (Rs. in Lakhs) Contd.

Sl. No	Type of firm	Taxes, license fee and Insurance		Other expenses		Interest paid		Rent paid		Total emoluments to employee	
		Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14
1	Saw mill	0.01	244.70	21.85	238.60	50.65	624.17	45.62	642.80	1,419.04	16,463.82
2	Saw mill+ Depot	0.00	1,265.96	54.49	743.39	127.27	1,726.93	16.26	189.90	641.02	7,747.70
3	Saw mill+ others	0.00	275.23	7.77	97.82	45.15	570.42	9.61	108.63	484.77	5,402.66
	<b>Total</b>	<b>0.01</b>	<b>1,785.89</b>	<b>84.10</b>	<b>1,079.81</b>	<b>223.07</b>	<b>2,921.53</b>	<b>71.49</b>	<b>941.32</b>	<b>2,544.83</b>	<b>29,614.18</b>

Table 55. District wise Income during November 2014 and 2013-14 (Rs. in Lakhs)

Sl. No	District	Sale of logs		From logs sawn		From Planing		From Fire wood	
		Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14
1	Thiruvananthapuram	911.53	22,360.00	291.30	3,737.51	15.49	202.32	20.19	190.57
2	Kollam	321.53	4,065.75	237.95	3,046.93	22.56	272.51	8.14	103.16
3	Pathanamthitta	142.46	1,704.57	129.84	1,495.76	28.49	314.67	4.13	45.98
4	Alappuzha	76.11	888.47	154.36	1,817.27	13.35	151.41	2.89	34.33
5	Kottayam	395.54	4,657.80	376.76	4,198.33	54.66	666.08	33.68	411.18
6	Idukki	42.54	419.19	58.86	787.46	3.01	35.26	3.04	33.07
7	Ernakulam	1,343.77	18,027.99	371.42	4,601.09	14.89	170.36	21.35	192.51
8	Thrissur	1,549.26	11,670.81	245.72	3,151.33	13.50	162.13	16.36	188.48
9	Palakkad	463.60	4,950.66	294.14	3,287.05	54.36	607.42	36.42	411.98
10	Malappuram	649.81	7,436.29	544.90	6,153.53	47.26	437.51	26.02	285.94
11	Kozhikode	221.45	2,635.18	386.46	4,628.71	19.49	224.82	10.62	120.00
12	Wayanad	84.22	1,050.83	77.29	939.58	0.81	12.19	0.78	12.67
13	Kannur	233.65	3,304.51	211.56	2,616.05	10.47	140.78	3.01	40.27
14	Kasargod	451.52	5,754.02	169.64	2,377.70	10.15	120.12	10.28	117.39
	<b>Total</b>	<b>6,886.99</b>	<b>88,926.06</b>	<b>3,550.18</b>	<b>42,838.30</b>	<b>308.50</b>	<b>3,517.56</b>	<b>196.89</b>	<b>2,187.51</b>

Table 55. District wise Income during November 2014 and 2013-14 (Rs. in Lakhs) (Contd...)

Sl. No	District	From Sawn dust		From furniture		Others		Total	
		Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14
1	Thiruvananthapuram	7.52	91.01	28.64	323.32	4.40	74.94	1,279.07	26,979.67
2	Kollam	7.30	87.70	22.68	264.66	0.90	64.83	621.07	7,905.55
3	Pathanamthitta	3.07	34.85	38.99	464.87	0.48	5.01	347.45	4,065.70
4	Alappuzha	3.62	40.09	7.70	73.62	0.08	2.63	258.10	3,007.81
5	Kottayam	10.90	124.98	9.72	73.40	0.26	2.92	881.51	10,134.68
6	Idukki	1.60	18.01	8.37	82.24	2.58	31.27	120.00	1,406.50
7	Ernakulam	8.46	102.90	13.94	177.63	21.56	377.25	1,795.39	23,649.74
8	Thrissur	9.09	100.84	39.33	498.03	9.42	119.44	1,882.69	15,891.05
9	Palakkad	12.12	134.65	50.68	529.53	1.33	17.35	912.65	9,938.64
10	Malappuram	13.40	152.15	150.72	1,903.92	3.13	29.17	1,435.24	16,398.51
11	Kozhikode	4.94	57.56	61.31	916.29	21.08	247.51	725.35	8,830.07
12	Wayanad	2.58	36.39	42.97	503.08	0.00	0.00	208.65	2,554.74
13	Kannur	7.26	85.98	5.42	66.37	4.56	84.74	475.93	6,338.69
14	Kasargod	3.88	39.06	1.04	10.81	0.03	0.34	646.54	8,419.43
	<b>Total</b>	<b>95.76</b>	<b>1,106.18</b>	<b>481.50</b>	<b>5,887.77</b>	<b>69.80</b>	<b>1,057.39</b>	<b>11,589.63</b>	<b>1,45,520.78</b>



Table 56. Firm wise Income during November 2014 and 2013-14 (Rs. in Lakhs)

Sl. No	Type of firm	Sale of logs		From logs sawn		From Planing		From Fire wood	
		Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14
1	Saw mill	830.48	8,952.33	2,214.81	26,204.19	137.33	1,665.27	83.57	936.32
2	Saw mill+Depot	5,105.74	56,051.14	896.11	11,487.41	92.57	1,063.18	80.54	871.03
3	Saw mill+others	950.78	23,922.59	439.26	5,146.71	78.60	789.11	32.78	380.17
	<b>Total</b>	6,886.99	88,926.06	3,550.18	42,838.30	308.50	3,517.56	196.89	2,187.51

Table 56. Firm wise Income during November 2014 and 2013-14 (Rs. in Lakhs) (Contd.....)

Sl. No	Type of firm	From Sawn dust		From furniture		Others		Total	
		Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14	Nov 2014	2013-14
1	Saw mill	53.93	620.13	0.05	0.50	5.18	82.47	3,325.35	38,461.20
2	Saw mill+Depot	27.79	318.47	84.81	1,140.98	14.75	295.26	6,302.30	71,227.46
3	Saw mill+others	14.04	167.58	396.64	4,746.30	49.88	679.66	1,961.98	35,832.12
	<b>Total</b>	95.76	1,106.18	481.50	5,887.77	69.80	1,057.39	11,589.63	1,45,520.78

Table 57: District wise Value of fixed assets of sawmills in Kerala (Rs. in Lakhs)

Sl. No	District	Land and building	Vehicles/Cranes	Machinery /Tools	Other fixed assets	Total
1	Thiruvananthapuram	31,098.13	732.97	1,754.66	229.89	33,815.65
2	Kollam	17,309.69	450.97	1,947.91	96.56	19,805.14
3	Pathanamthitta	7,896.59	182.00	641.79	43.37	8,763.75
4	Alappuzha	11,530.53	255.42	1,015.18	18.29	12,819.41
5	Kottayam	26,231.14	680.30	1,708.40	155.55	28,775.39
6	Idukki	5,518.15	210.26	407.51	20.59	6,156.51
7	Ernakulam	61,961.42	1,072.25	1,355.95	185.30	64,574.92
8	Thrissur	30,513.42	723.81	1,222.98	53.89	32,514.10
9	Palakkad	20,658.09	414.51	1,208.38	73.82	22,354.80
10	Malappuram	35,572.00	481.85	1,946.47	111.46	38,111.78
11	Kozhikode	25,475.82	559.39	1,988.97	37.54	28,061.73
12	Wayanad	4,157.49	97.51	592.36	10.15	4,857.51
13	Kannur	11,873.44	406.76	1,816.67	37.99	14,134.85
14	Kasargod	8,416.59	360.18	1,505.62	53.16	10,335.55
	<b>Total</b>	2,98,212.51	6,628.17	19,112.84	1,127.56	3,25,081.08

Table 58: Firm wise Value of fixed assets of sawmills in Kerala (Rs. in Lakhs)

Sl. No	Type of firm	Land and building	Vehicles/Cranes	Machinery /Tools	Other fixed assets	Total
1	Saw mill	1,48,002.54	1,540.05	10,796.09	482.50	1,60,821.18
2	Saw mill+ Depot	1,13,577.95	4,094.27	5,306.12	474.82	1,23,453.17
3	Saw mill+ others	36,632.02	993.85	3,010.63	170.23	40,806.73
	<b>Total</b>	<b>2,98,212.51</b>	<b>6,628.17</b>	<b>19,112.84</b>	<b>1,127.56</b>	<b>3,25,081.08</b>

Table 59: District wise Value of fixed assets (Purchase, construction, improvement etc during 2013-14) of sawmills in Kerala (Rs. in Lakhs)

Sl. No	District	Land and building	Vehicles/Cranes	Machinery /Tools	Other fixed assets	Total
1	Thiruvananthapuram	18.29	34.75	31.41	0.65	85.11
2	Kollam	6.50	23.29	13.10	0.00	42.89
3	Pathanamthitta	38.99	0.00	9.94	0.18	49.10
4	Alappuzha	135.48	24.00	21.57	0.00	181.05
5	Kottayam	3.35	0.00	14.34	0.81	18.50
6	Idukki	0.05	0.12	0.81	0.00	0.98
7	Ernakulam	49.73	44.96	22.61	2.89	120.18
8	Thrissur	208.03	24.46	11.33	3.46	247.28
9	Palakkad	20.49	17.25	12.10	2.29	52.13
10	Malappuram	13.60	0.00	14.93	1.68	30.21
11	Kozhikode	14.74	0.59	19.36	0.73	35.43
12	Wayanad	9.86	12.00	1.65	0.10	23.61
13	Kannur	60.83	0.30	7.71	0.10	68.94
14	Kasargod	7.70	15.20	41.65	1.72	66.27
	<b>Total</b>	<b>587.64</b>	<b>196.92</b>	<b>222.51</b>	<b>14.62</b>	<b>1,021.69</b>

Table 60: Firm wise Value of fixed assets (Purchase, construction, improvement etc during 2013-14) of sawmills in Kerala (Rs. in Lakhs)

Sl. No	Type of firm	Land and building	Vehicles/Cranes	Machinery /Tools	Other fixed assets	Total
1	Saw mill	143.15	39.58	108.66	4.78	296.17
2	Saw mill+ Depot	384.47	129.42	95.10	6.48	615.47
3	Saw mill+ others	60.01	27.92	18.75	3.36	110.04
	<b>Total</b>	<b>587.64</b>	<b>196.92</b>	<b>222.51</b>	<b>14.62</b>	<b>1,021.69</b>

Table 61. District wise outstanding loan (Rs. in Lakhs)

District	Public sector banks		Co-operative and other commercial banks		Other institutional agencies	
	Number of firms	Total amount	Number of firms	Total amount	Number of firms	Total amount
Thiruvananthapuram	92	1,620.15	44	359.91	15	315.88
Kollam	91	1,758.35	47	650.16	8	50.50
Pathanamthitta	34	361.65	27	160.15	8	20.64
Alappuzha	39	427.00	42	213.19	10	25.85
Kottayam	74	1,308.66	36	454.60	5	27.45
Idukki	16	232.58	13	137.10	3	14.50
Ernakulam	168	6,888.05	91	685.81	53	831.30
Thrissur	82	2,580.83	52	720.79	16	105.49
Palakkad	91	1,789.58	60	477.52	14	209.55
Malappuram	54	738.81	44	283.65	7	103.69
Kozhikode	62	652.13	27	345.40	6	39.50
Wayanad	19	277.99	17	94.94	11	113.28
Kannur	37	797.50	38	590.55	1	5.00
Kasargod	23	251.05	10	81.90	4	10.79
<b>Total</b>	882	19,684.32	548	5,255.66	161	1,873.42

Table 61. District wise outstanding loan (Rs. in Lakhs) (Contd.....)

District	From money lenders and individuals		Others(Including from relatives and friends )		Grand Total	
	Number of firms	Total amount	Number of firms	Total amount	Number of firms	Total amount
Thiruvananthapuram	23	116.54	20	95.81	194	2,508.29
Kollam	7	28.30	17	55.65	170	2,542.95
Pathanamthitta	7	14.90	8	15.20	84	572.54
Alappuzha	8	17.55	14	38.92	113	722.51
Kottayam	8	65.00	7	105.00	130	1,960.71
Idukki	2	2.50	6	19.80	40	406.48
Ernakulam	62	221.40	56	116.80	430	8,743.36
Thrissur	8	16.59	16	66.45	174	3,490.15
Palakkad	13	16.32	13	39.55	191	2,532.52
Malappuram	8	23.00	27	94.53	140	1,243.68
Kozhikode	3	0.00	6	8.10	104	1,045.13
Wayanad	14	47.94	13	52.49	74	586.63
Kannur	1	1.99	10	44.61	87	1,439.65
Kasargod	3	7.30	5	81.30	45	432.34
<b>Total</b>	167	579.34	218	834.21	1,976	28,226.94

Table 62. Firm wise outstanding loan (Rs. in Lakhs)

Type of firm	Public sector banks		Co-operative and other commercial banks		Other institutional agencies		From money lenders and individuals		Others(Including from relatives and friends )	
	Number of firms	Total amount	Number of firms	Total amount	Number of firms	Total amount	Number of firms	Total amount	Number of firms	Total amount
Saw mill	393	3,601.39	284	1,754.18	79	251.34	79	167.17	109	302.56
Saw mill+ Depot	320	12,748.49	148	2,177.65	54	1,319.76	57	322.74	72	419.14
Saw mill+ others	169	3,334.44	116	1,323.83	28	302.32	31	89.42	37	112.51
<b>Total</b>	882	19,684.32	548	5,255.66	161	1,873.42	167	579.34	218	834.21

Table 63. District wise average outstanding loan (Rs. in Lakhs)

Sl. No	District	Public sector banks		Co-operative and other commercial banks		Other institutional agencies	
		Number of firms	Average amount	Number of firms	Average amount	Number of firms	Average amount
1	Thiruvananthapuram	92	17.61	44	8.18	15	21.06
2	Kollam	91	19.32	47	13.83	8	6.31
3	Pathanamthitta	34	10.64	27	5.93	8	2.58
4	Alappuzha	39	10.95	42	5.08	10	2.59
5	Kottayam	74	17.68	36	12.63	5	5.49
6	Idukki	16	14.54	13	10.55	3	4.83
7	Ernakulam	168	41.00	91	7.54	53	15.68
8	Thrissur	82	31.47	52	13.86	16	6.59
9	Palakkad	91	19.67	60	7.96	14	14.97
10	Malappuram	54	13.68	44	6.45	7	14.81
11	Kozhikode	62	10.52	27	12.79	6	6.58
12	Wayanad	19	14.63	17	5.58	11	10.30
13	Kannur	37	21.55	38	15.54	1	5.00
14	Kasargod	23	10.92	10	8.19	4	2.70
	<b>Total</b>	882	22.32	548	9.59	161	11.64

Table 63. District wise Average outstanding loan (in Rs (Contd...))

Sl. No	District	From money lenders and individuals		Co-operative and other commercial banks Others(Including from relatives and friends )	
		Number of firms	Average amount	Number of firms	Average amount
1	Thiruvananthapuram	23	5.07	20	4.79
2	Kollam	7	4.04	17	3.27
3	Pathanamthitta	7	2.13	8	1.90
4	Alappuzha	8	2.19	14	2.78
5	Kottayam	8	8.13	7	15.00
6	Idukki	2	1.25	6	3.30
7	Ernakulam	62	3.57	56	2.09
8	Thrissur	8	2.07	16	4.15
9	Palakkad	13	1.26	13	3.04
10	Malappuram	8	2.88	27	3.50
11	Kozhikode	3	0.00	6	1.35
12	Wayanad	14	3.42	13	4.04
13	Kannur	1	1.99	10	4.46
14	Kasargod	3	2.43	5	16.26
	<b>Total</b>	167	3.47	218	3.83



Table 64. Firm wise Average outstanding loan (Rs. in Lakhs)

Sl. No	Type of firm	Public sector banks		Co-operative and other commercial banks		Other institutional agencies		From money lenders and individuals		Others(Including from relatives and friends )	
		No. of firms	Average amount	No. of firms	Average amount	No. of firms	Average amount	No. of firms	Average amount	No. of firms	Average amount
1	Saw mill	393	9.16	284	6.18	79	3.18	79	2.12	109	2.78
2	Saw mill+ Depot	320	39.84	148	14.71	54	24.44	57	5.66	72	5.82
3	Saw mill+ others	169	19.73	116	11.41	28	10.80	31	2.88	37	3.04
	<b>Total</b>	<b>882</b>	<b>22.32</b>	<b>548</b>	<b>9.59</b>	<b>161</b>	<b>11.64</b>	<b>167</b>	<b>3.47</b>	<b>218</b>	<b>3.83</b>

