



Kerala Forest & Wildlife Department

FOREST STATISTICS - 2015

Prepared by
Statistics Wing, Forest Headquarters
Thiruvananthapuram



Kerala Forest Department

Forest Statistics

2015

Prepared by-Statistics wing, Forest headquarters, Thiruvananthapuram.

KERALA FOREST DEPARTMENT
FOREST STATISTICS 2015

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Demographic profile : Kerala v/s India

Population of Kerala at a Glance : 2011								
Male	Female	Total	Population density (Persons per sq.km)	Sex ratio (No. of females per 1000 males)	Literacy rate(%)			% of decadal growth rate
					Persons	Male	Female	
1	2	3	4	5	6	7	8	9
16027412	17378649	33406061	860	1084	94.0	96.1	92.1	4.9

Source : Census 2011

Population of India at a Glance : 2011 (Final population)								
Male	Female	Total	Population density (Persons per sq.km)	Sex ratio (No. of females per 1000 males)	Literacy rate(%)			% of decadal growth rate
					Persons	Male	Female	
1	2	3	4	5	6	7	8	9
623203944	587522988	1210726932	382	943	73.0	80.9	64.6	17.7

Note : Change in final population data due to some addition in the population of manipur.

Source : Census 2011

Population growth rate : Kerala v/s India

Population growth rate-Kerala and India					
Census year	Kerala			India	
	Population (in crores)	Decadal growth(%)	% Contribution	Population (in crores)	Decadal growth(%)
1	2	3	4	5	6
1951	1.36	22.82	3.63	36.10	13.31
1961	1.69	24.76	3.85	43.92	21.64
1971	2.13	26.29	3.89	54.82	24.80
1981	2.55	19.24	3.72	68.63	24.66
1991	2.91	14.32	3.45	84.34	23.86
2001	3.18	9.42	3.10	102.70	21.34
2011	3.34	4.86	2.76	121.07	17.70

Forest cover : Kerala v/s India

Forest cover of Kerala : 2015- at a Glance			
Class	Crown density range	Area (sq.km)	Percentage of geographical area
1	2	3	4
Forest cover(A)			
a) Very dense forest	> 70%	1523	3.92
b) Moderately dense forest	40-70%	9301	23.93
c) Open forest	10-40%	8415	21.65
Total(A)*		19239	49.50
Scrub(B)	<10%	36	0.09
Non-forest (C)		19588	50.40
Total geographical area(A+B+C)		38863	100.00
Tree cover		2950	7.59
Total forest and tree cover		22189	57.10

*Including 9 sq.km under mangroves.

Source : FSI 2015

Forest cover of India : 2015- at a Glance			
Class	Crown density range	Area (sq.km)	Percentage of geographical area
1	2	3	4
Forest cover(A)			
a) Very dense forest	> 70%	85904	2.61
b) Moderately dense forest	40-70%	315374	9.59
c) Open forest	10-40%	300395	9.14
Total(A)*		701673	21.34
Scrub(B)	<10%	41362	1.26
Non-forest (C)		2544228	77.40
Total geographical area(A+B+C)		3287263	100.00
Tree cover		92572	2.82
Total forest and tree cover		794245	24.16

*Including 4740 sq.km under mangroves.

Source : FSI 2015

Mangrove cover : Kerala v/s India

Mangrove cover of Kerala : 2015- at a Glance			
Very dense (sq.km)	Moderately dense (sq.km)	Open (sq.km)	Total (sq.km)
1	2	3	4
0	5	4	9

Source : FSI 2015

Mangrove cover of India : 2015- at a Glance			
Very dense (sq.km)	Moderately dense (sq.km)	Open (sq.km)	Total (sq.km)
1	2	3	4
1472	1391	1877	4740

Source : FSI 2015

KERALA STATE: GENERAL INFORMATION

● Geographical area	:	38863 Km ²
● Density (persons/sq. km.)	:	860
● Population (2011 census)	:	33406061
● Per capita land (as per 2011 census)	:	0.116 ha
● Scheduled tribe population (2011 census)	:	484839
● Scheduled caste population (2011 census)	:	30,39,573
● Total forest area	:	11309.4754 Km ²
● Per capita forest land (as per 2011 census)	:	0.034 ha
● Total plantation area	:	1567.43742 Km ²
● Total EFL area	:	149.1063 Km ²
● Extent of diversion of forest land	:	383.3675 Km ²
● Forest cover	:	19239 Km ²
● Encroachment	:	52.83064 Km ²
● Tribal settlements	:	791
● Settlement area	:	220.49577 Km ²
● Tribal families (inside forests)	:	29308
● Net revenue from forest (in cores)	:	300.40
● Eco tourism destinations	:	48
● Wildlife sanctuaries	:	17
● National parks	:	5
● Area under sanctuaries & national parks	:	3211.7372 Km ²
● Vana samrakshana samithies (VSS)	:	400
● Eco development committees (EDC)	:	190
● Forest stations	:	114
● Check posts	:	76
● Timber depots	:	28
● Vanasree eco shops	:	37
● Tribal co-op. societies	:	26
● Staff strength	:	6691

CHAPTER – I
FOREST AREA

The forest area under the administrative charge of the department is 11309.4754 Km² at the close of the year 2014-15 and forms 29.10% of the total geographical area of Kerala state (38863 Km²).

Distribution of forest area according to legal status is given in table 1.1.

Table 1.1-Distribution of forest area according to legal status (Km²)

Reserve forest	Proposed reserve	Vested forest+EFL	Total
1	2	3	4
9176.3016	295.3781	1837.7957	11309.4754
81.14%	2.61 %	16.25%	100%

Reserve forest:

The forest reserved under Section 19 of Kerala Forest Act and includes forest notified under Section 4 of said act.

Vested forest:

Any forest vested in government under Section 3 of the Kerala Private Forest (Vesting & Assignment) Act, 1971.

Ecologically fragile land:

‘Ecologically fragile land’ means any portion of land held by any person and lying contiguous or encircled by a reserve forest or vested forest or any other forest land owned by the Government and predominantly supporting natural vegetation; and any land declared to be Ecologically fragile land (EFL) by the Government by notification in the official gazette under section 4 of Kerala forest act.

Table 1.2-Division-wise area of forest as on 31.03.2015 (Km²)

Sl No.	Division	Reserve forests	Proposed reserve	Vested forest+EFL	Total	% of total
1	2	3	4	5	6	7
Southern circle, Kollam						
1	Thiruvananthapuram	359.1240	5.8253	3.6510	368.6003	3.26
2	Thenmala	123.4320	-	7.7350	131.1670	1.16
3	Achencoil	284.3298	-	0.2082	284.5380	2.52
4	Ranni	1050.3360	7.1600	1.5680	1,059.0640	9.36
5	Punalur	280.0510	-	0.1690	280.2200	2.48
6	Konni	320.6430	11.0210	-	331.6640	2.93
Total		2417.9158	24.0063	13.3312	2455.2533	21.71
High range circle, Kottayam						
7	Kothamangalam	316.8451	-	0.1576	317.0027	2.80
8	Munnar	440.4900	175.2750	2.4500	618.2150	5.47
9	Marayoor	13.9720	47.2600	0.0760	61.3080	0.54
10	Mankulam	90.0600	-	-	90.0600	0.80
11	Kottayam	627.2870	-	31.9670	659.2540	5.83
Total		1488.6541	222.5350	34.6506	1745.8397	15.44
Central circle, Thrissur						
12	Vazhachal	413.9440	-	-	413.9440	3.66
13	Chalakydy	279.7098	-	-	279.7098	2.47
14	Malayattoor	617.2411	0.5248	-	617.7659	5.46
15	Thrissur	293.7430	-	4.3137	298.0567	2.64
Total		1,604.6379	0.5248	4.3137	1609.4764	14.23

S1 No.	Division	Reserve forests	Proposed reserve	Vested forest+EFL	Total	% of total
1	2	3	4	5	6	7
Eastern circle, Palakkad						
16	Mannarkkad	150.7322	-	271.7213	422.4535	3.74
17	Nilambur North	57.9196	0.0171	340.7032	398.6399	3.52
18	Nilambur South	267.3894	-	57.8888	325.2782	2.88
19	Palakkad	73.4100	-	162.0847	235.4947	2.08
20	Nenmara	205.5170	-	150.2104	355.7274	3.15
Total		754.9682	0.0171	982.6084	1737.5937	15.37
Northern circle, Kannur						
21	Kozhikode	24.3998	22.9660	243.0856	290.4514	2.57
22	Wayanad North	134.0240	15.0640	65.8527	214.9407	1.90
23	Wayanad South	66.1381	6.8449	274.6810	347.6640	3.07
24	Kannur	121.3702	0	65.2014	186.5716	1.65
25	Kasaragode	86.0221	0	33.7083	119.7304	1.06
Total		431.9542	44.8749	682.5290	1159.3581	10.25
Agasthyavanam biological park						
26	Thiruvananthapuram (WL)	212.0000	-	-	212.0000	1.87
27	Shenthuruni	166.4200	-	4.5800	171.0000	1.51
Total		378.4200	-	4.5800	383.0000	3.38
Field director (Project tiger), Kottayam						
28	Periyar East	618.0000	-	-	618.0000	5.46
29	Periyar West	157.0000	-	-	157.0000	1.39
30	Munnar	276.8450	-	-	276.8450	2.45

S1 No.	Division	Reserve forests	Proposed reserve	Vested forest+EFL	Total	% of total
1	2	3	4	5	6	7
31	Idukki	130.5240	-	-	130.5240	1.15
Total		1182.3690	-	-	1182.3690	10.45
Wildlife circle, Palakkad						
32	Parambikulam	274.1408	-	-	274.1408	2.42
33	Wayanadu (WL)	344.4400	-	-	344.4400	3.05
34	Silent Valley	154.3800	-	83.1400	237.5200	2.10
35	Peechi	122.0644	3.4200	-	125.4844	1.11
36	Aralam	22.3572	-	32.6428	55.0000	0.49
Total		917.3824	3.4200	115.7828	1036.5852	9.17
Grand Total		9176.3016	295.3781	1837.7957	11309.4754	

Note:-Reconciliation process on forest area is being done. The figures furnished above are subject to minor variations in this process.

Table 1.3-Classification of forest types as on 31.03.2015

Sl No.	Type	Area (Km²)	% of total
1	2	3	4
1	Tropical wet evergreen and semi evergreen	3877.4413	34.28
2	Tropical moist deciduous	3615.9840	31.97
3	Tropical dry deciduous	391.3636	3.46
4	Montane sub-tropical Temperate shoals	386.4210	3.42
5	Plantations	1567.4374	13.86
6	Grass Lands	501.0865	4.43
7	Others	969.7416	8.58
	Total	11309.4754	

The distribution of forest area according to utilization is given below in table 1.4.

Table 1.4-Classification of forest area according to utilization as on 31.03.2015

Sl No.	Mode of utilization	Area (Km²)	% of total
1	2	3	4
1	Dense forests / degraded forest	8754.2168	77.41
2	Plantation	1567.4374	13.86
3	Area under lease	604.4537	5.34
4	Forest land diverted under FCA	383.3675	3.39
	Total	11309.4754	

Range wise area of forest under each division is given in table 1.5.

Table 1.5- Range wise area of forest as on 31.03.2015

Sl No.	Division/Range	Area (Km²)
1	2	3
Territorial divisions		
1	Thiruvananthapuram	
1	Kulathupuzha	219.6883

Sl No.	Division/Range	Area (Km²)
1	2	3
2	Palode	107.5010
3	Paruthippally	41.4110
Total		368.6003
2	Thenmala	
4	Ariyankavu	73.6660
5	Thenmala	57.5010
Total		131.1670
3	Achencovil	
6	Achancovil	88.9550
7	Kallar	78.9890
8	Kanayar	116.5940
Total		284.5380
4	Ranni	
9	Ranni	136.2367
10	Goodrikkal	653.9673
11	Vadasserikkara	268.8600
Total		1059.0640
5	Punalur	
12	Anchal	148.4120
13	Pathanapuram	131.8080
Total		280.2200
6	Konni	
14	Konni	62.7280
15	Naduvathumoozhi	138.9360
16	Mannarappara	130.0000
Total		331.6640
7	Kothamangalam	
17	Thodupuzha	218.3896
18	Kothamangalam	12.15310
19	Kaliyar	49.0800
20	Mullaringad	37.3800
Total		317.0027

Sl No.	Division/Range	Area (Km²)
1	2	3
8	Munnar	
21	Munnar	106.1900
22	Devikulam	298.4130
23	Adimali	110.8720
24	Neriyamangalam	102.7400
Total		618.2150
9	Marayoor	
25	Marayoor	41.0410
26	Kanthalloor	20.2670
Total		61.3080
10	Mankulam	
27	Mankulam	51.8772
28	Anakulam	38.1803
Total		90.0575
11	Kottayam	
29	Erumeli	162.1830
30	Ayyappancovil	88.0790
31	Nagarampara	143.4000
32	Kumili	265.5920
Total		659.2540
12	Vazhachal	
33	Charpa	59.9750
34	Vazhachal	90.6430
35	Sholayar	138.8800
36	Kollathirumed	29.3480
37	Athirappally	95.0980
Total		413.9440
13	Chalakydy	
38	Pariyaram	115.3118
39	Palappilly	55.9971
40	Vellikkulangara	108.4009
Total		279.7098

Sl No.	Division/Range	Area (Km²)
1	2	3
14	Malayattoor	
41	Kalady	72.5149
42	Kodanadu	56.7410
43	Thundathil	131.4000
44	Kuttampuzha	187.0400
45	Edamalayar	170.0700
Total		617.7659
15	Thrissur	
46	Vadakkancherry	56.8530
47	Pattikkad	167.5787
48	Machad	73.6250
Total		298.0567
16	Mannarkkad	
49	Attappadi	169.4309
50	Agali	129.0102
51	Mannarkkad	124.0124
Total		422.4535
17	Nilambur north	
52	Nilambur	140.6156
53	Edavanna	102.8365
54	Vazhikadavu	155.1878
Total		398.6399
18	Nilambur south	
55	Kalikavu	59.6707
56	Karulai	265.6076
Total		325.2782
19	Palakkad	
57	Olavakkode	80.1408
58	Walayar	121.8025
59	Ottappalam	33.5514
Total		235.4947

Sl No.	Division/Range	Area (Km²)
1	2	3
20	Nenmara	
60	Nellyampathi	206.3626
61	Kollengode	68.2413
62	Alathur	81.1235
Total		355.7274
21	Kozhikkode	
63	Peruvannamoozhi	130.6934
64	Kuttiyadi	44.8000
65	Thamarassery	114.9580
Total		290.4514
22	Wayanad north	
66	Begoor	104.1612
67	Periya	84.7323
68	Mananthavady	26.0472
Total		214.9407
23	Wyanad south	
69	Kalpetta	130.1101
70	Meppady	133.0139
71	Chethalayam	84.5400
Total		347.6640
24	Kannur	
72	Kannavam	83.9893
73	Kottiyoor	81.3164
74	Thalipparamba	21.2659
Total		186.5716
25	Kasaragode	
75	Kanjangad	59.3725
76	Kasaragode	60.3579
Total		119.7304
Wildlife divisions		
26	Thiruvananthapuram	
77	ABP, Kottoor	31.0000

Sl No.	Division/Range	Area (Km²)
1	2	3
78	Neyyar Sanctuary	128.0000
79	Peppara Sanctuary	53.0000
Total		212.0000
27	Shenduruney	
80	Shendurney Sancutuary	171.0000
Total		171.0000
28	Periyar east ,Thekkady	
81	Periyar	376.0000
82	Thekkady	99.0000
83	Vallakkadavu	143.0000
Total		618.0000
29	Periyar west, Peerumedu	
84	Pampa	90.0700
85	Azhutha	66.9300
Total		157.0000
30	Idukki	
86	Idukki	105.3640
87	Thattekkad	25.1600
Total		130.5240
31	Parambikulam	
88	Sunkom	81.7508
89	Parambikulam	52.1800
90	Orukkomban	71.8370
91	Karimala	68.3730
Total		274.1408
32	Wayanad	
92	Tholpetty	77.6700
93	Kurichiyatt	106.4500
94	Muthanga	74.2900
95	Bathery	86.0300
Total		344.4400
33	Silent valley	
96	Silent valley national park	143.5200
97	Bhavani	94.0000
Total		237.5200

Sl No.	Division/Range	Area (Km²)
1	2	3
34	Munnar	
98	Eravikulam national park	97.0000
99	Chinnar wild life sanctuary	90.4420
100	Shola national park	89.4030
Total		276.8450
35	Peechi	
101	Peechi	40.4174
102	Chimmini	85.0670
Total		125.4844
36	Aralam	
103	Aralam	55.0000
Total		55.0000
Grand total		11309.4754

District wise forest area

District wise forest area (approx), as on 31.03.2015 is shown in Table 1.6.

Table 1.6-District wise forest area as on 31.03.2015

Sl No.	District	Area (Km²)
1	2	3
1	Thiruvananthapuram	463.8341
2	Kollam	840.5672
3	Pathanamthitta	1533.7937
4	Kottayam	100.8450
5	Ernakulam	823.8302
6	Idukki	2713.7226
7	Thrissur	1022.7517
8	Palakkad	1527.3564
9	Malappuram	723.9181
10	Kozhikode	290.4514
11	Wayanad	907.0447
12	Kannur	241.5716
13	Kasaragode	119.7304
Total		11309.4171

**Table 1.7- District wise forest area (approx) by legal status as on
31.03.2015 (Km²)**

Sl No.	Division	Reserve forest/ Proposed reserve	Vested forest + EFL	Total (Km²)
1	2	3	4	5
1	Thiruvananthapuram			
	Thiruvananthapuram	248.1831	3.6510	251.8341
	Thiruvananthapuram(WL)	212.0000		212.0000
	Total	460.1831	3.6510	463.8341
2	Kollam			
	Thiruvananthapuram	116.7662		116.7662
	Thenmala	123.4320	7.7350	131.1670
	Punalur	280.0510	0.1690	280.2200
	Konni	78.3900		78.3900
	Achencoil	62.8158	0.2082	63.0240
	Shendurney	166.4200	4.5800	171.0000
	Total	827.8750	12.6922	840.5672
3	Pathanamthitta			
	Konni	253.2740		253.2740
	Ranni	1057.4960	1.5680	1059.0640
	Achencoil	221.4557		221.4557
	Total	1532.2257	1.5680	1533.7937
4	Kottayam			
	Kottayam	100.8450		100.8450
	Total	100.8450		100.8450
5	Ernakulam			
	Malayattoor	615.0911		615.0911
	Munnar	52.0800		52.0800
	Vazhachal	95.0980		95.0980
	Kothamangalam	36.4011		36.4011
	Idukki (WL)	25.1600		25.1600
	Total	823.8302		823.8302
6	Idukki			
	Kottayam	526.4420	31.9670	558.4090
	Munnar	563.6850	2.4500	566.1350
	Marayoor	61.2320	0.0670	61.3080
	Kothamangalam	280.4440	0.1576	280.6016
	Thekkady (WL)	618.0000		618.0000
	Munnar (WL)	276.8450		276.8450

Sl No.	Division	Reserve forest/ Proposed reserve	Vested forest + EFL	Total (Km ²)
1	2	3	4	5
	Peerumedu (WL)	157.0000		157.0000
	Mankulam Spl. Divn.	90.0600		90.0600
	Idukki (WL)	105.3640		105.3640
Total		2679.0720	34.6506	2713.7226
7	Thrissur			
	Thrissur	293.7430	4.3137	298.0567
	Malayattoor	2.6748		2.6748
	Chalakkudy	279.7098		279.7098
	Vazhachal	318.8460		318.8460
	Peechi	123.4644		123.4644
Total		1018.4380	4.3137	1022.7517
8	Palakkad			
	Nenmara	205.5170	150.2104	355.7274
	Palakkad	73.4100	162.0847	235.4947
	Mannarkkad	150.7322	271.7213	422.4535
	Parambikulam (WL)	274.1408		274.1408
	Silent valley (WL)	154.3800	83.1400	237.5200
	Peechi	2.0200		2.0200
Total		860.2000	667.1564	1527.3564
9	Malappuram			
	Nilambur south	267.3894	57.8888	325.5200
	Nilambur north	57.9367	340.7032	398.6399
Total		325.3261	398.5920	723.9181
10	Kozhikkode			
	Kozhikkode	47.3658	243.0856	290.4514
Total		47.3658	243.0856	290.4514
11	Wayanad			
	Wayanad north	149.0880	65.8527	214.9407
	Wayanad south	72.9830	274.6810	347.6640
	Wayanad (WL)	344.4400		344.4400
Total		566.5110	340.5337	907.0447
12	Kannur			
	Kannur	121.3702	65.2014	186.5716
	Aralam (WL)	22.3572	32.6428	55.0000
Total		143.7275	97.8442	241.5716

Sl No.	Division	Reserve forest/ Proposed reserve	Vested forest + EFL	Total (Km ²)
1	2	3	4	5
13	Kasaragode			
	Kasaragode	86.0221	33.7083	119.7304
	Total	86.0221	33.7083	119.7304
	Grand total	9471.6215	1837.7957	11309.4171*

* Difference due to an area of 0.0583Km² because of the forest lands available in Nanjangud, Mysore and Pollachi which are outside the territorial boundaries of Kerala.

Diversion of forest land

A total area of 383.3675 Km² has been allotted to different agencies for non forestry purposes as per FCA 1980 are summarised in table 1.8.

Table 1.8-Details of area allotted to different agencies

Sl.No	Category	Area diverted (ha)	No. of cases	Degraded forest land(DFL) identified (ha)	No.of cases(DFL)	Non forest land(NFL) identified(ha)	No.of cases(NFL)
1	2	3	4	5	6	7	8
1	Defence	36.00	2	65.00	1	0.00	0
2	Dispensary/Hospital	0.61	2	0.00	0	0.00	0
3	Drinking water	6.82	20	6.71	1	0.26	1
4	Encroachment	28588.16	1	57176.00	1	0	0
5	Hydel	310.85	11	345.42	5	141.48	3
6	Irrigation	395.84	27	22.69	6	138.06	7
7	Mining	29.73	1	118.04	1	0.00	0
8	Rehabilitation	112.00	1	0.00	0	0.00	0
9	Road	35.38	21	48.76	5	0.00	0
10	School	12.96	5	25.90	2	0.00	0
11	Transmission line	755.17	65	739.86	10	351.99	9

Sl.No	Category	Area diverted (ha)	No. of cases	Degraded forest land(DFL) identified (ha)	No.of cases(DFL)	Non forest land(NFL) identified(ha)	No.of cases(NFL)
1	2	3	4	5	6	7	8
12	Village electricity	21.27	42	12.91	2	0.00	0
13	Others	8031.96	58	85.26	5	158.20	4
	Total	38336.75	255	58646.55	39	789.99	24

EFL Area

District wise ecologically fragile land (EFL) area as on 31.03.2015 is given in table 1.9.

Table 1.9-District wise ecologically fragile land (EFL) area

Sl No.	District	Area (ha)
1	2	3
1	Thiruvananthapuram	885.26
2	Kollam	273.72
3	Idukki	1411.82
4	Thrissur	80.04
5	Palakkad	5270.69
6	Malappuram	1285.09
7	Kozhikode	1544.99
8	Wayanad	3004.86
9	Kannur	491.26
10	Kasaragode	662.90
	Total	14910.63

Source: EFL Wing

Encroachment

Details of post 01.01.1977 encroachment to be evicted (in ha) are given in table 1.10.

Table 1.10-Details of Post 01.01.77 encroachment to be evicted (in ha)

Circle	Encroachment to be evicted as on 31.03.2015	Evicted during 2013-2014	Regularised as per forest rights act
1	2	3	4
Southern circle, Kollam	22.463	0.000	0.200
High range circle, Kottayam	2068.264	0.000	20.331
Central circle, Thrissur	389.841	0.000	0.000
Eastern circle, Palakkad	1675.000	41.710	7.610
Northern circle, Kannur	1123.953	0.000	351.373
FDPT, Kottayam	0.000	1.570	0.000
Wildlife circle (N), Palakkad	3.543	0.000	0.000
ABP, Thiruvananthapuram	0.000	0.000	0.000
Total	5283.064	43.280	379.514

Forest cover

The forest cover in the State based on interpretation of forest survey of India 2015 is 19239 km² which is 49.5 % of the state geographical area. In terms of forest canopy density classes, the state has 1523 km² area under very dense forest, 9301 km² area under moderately dense forest and 8415 km² area under open forest.

District wise forest cover in different canopy density classes are given in table 1.11.

Table 1.11-District wise forest cover in Kerala area in Km²

Sl No.	District	Geographic area	2015 assessment				Percent to GA
			Very dense	Moderate dense	Open forest	Total	
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	2193	60	718	539	1317	60.05
2	Kollam	2491	99	671	632	1402	56.28
3	Pathanamthitta	2641	158	1202	382	1742	65.96
4	Alappuzha	1414	0	45	67	112	7.92
5	Kottayam	2203	12	530	341	883	40.08
6	Idukki	5019	349	2081	1340	3770	75.11
7	Ernakulam	2407	12	282	412	706	29.33
8	Thrissur	3033	181	454	490	1125	37.09

Sl No.	District	Geographic area	2015 assessment				Percent to GA
			Very dense	Moderate dense	Open forest	Total	
1	2	3	4	5	6	7	8
9	Palakkad	4480	317	677	767	1761	39.31
10	Malappuram	3549	142	417	916	1475	41.56
11	Kozhikode	2344	30	316	706	1052	44.88
12	Wayanad	2131	142	1256	301	1699	79.73
13	Kannur	2966	21	346	971	1338	45.11
14	Kasaragode	1992	0	306	551	857	43.02
State Total		38863	1523	9301	8415	19239	49.50

Note: The table reveals that there is an increase in forest cover to the extent of 1317 km² as compared to previous assessment which is mainly due to commercial plantations.

Source: FSI 2015

District wise mangroves cover in Kerala in different canopy density classes is given in table 1.12

Table 1.12-District wise mangroves cover in Kerala in Km²

Sl No.	District	Mangrove cover			
		Very dense	Moderate dense	Open forest	Total
1	2	4	5	6	7
1	Ernakulam	0	1	1	2
2	Kannur	0	4	2	6
3	Kasaragode	0	0	1	1
State Total		0	5	4	9

National scenario

The total forest cover of the country as per the State of forest report 2015 is 701673 km², which constitutes 21.34 percent of the total geographical area (3287263km²) of the country. Of this, 85904km² (2.61%) is very dense forest, 315374km² (9.59%) is moderately dense forest and 300395km² (9.14%) is open forest cover. The mangrove cover in the country is 4740km² which is 0.144% of the country's geographical area. The non-forest cover which includes 41362km² scrubs and is estimated to cover an area of 2,585590 km² (78.65%).

Source: FSI 2015

CHAPTER – II
FOREST PLANTATIONS

Plantation area

The total plantation area under the department as on 31.03.2015 is 156743.742 ha, which comes to 13.86 % of the total forest area.

Plantation statistics

The distribution of plantation area (category-wise) is given in table 2.1

Table 2.1- The distribution of plantation area (category-wise)

Sl No.	Category	Area(ha)
1	2	3
1	Territorial divisions	131409.512
2	Protected area	25054.273
3	NSC,Kalady	218.467
4	Timber sales division,Perumbavoor	61.490
Total		156743.742

The distribution of plantation area (species-wise) is given in table 2.2.

Table 2.2-Distribution of plantation area (species-wise)

Sl No.	Plantation	Area (ha)	%
1	2	3	4
1	Hardwood	87408.976	55.77
2	Softwood	11224.323	7.16
3	Bamboo, cane & reeds	7481.666	4.77
4	Mangrove	373.189	0.24
5	Others	50255.588	32.06
Total		156743.742	

Table 2.3-Division wise area of plantation (species-wise) as on 31.03.2015 (area in ha)

Sl No.	Division	Hard wood	Soft wood	Others	Bamboo, cane and reeds	Mangroves	Total
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	3898.060	278.240	1223.274	65.080	0	5464.654
2	Thenmala	2423.550	319.680	1374.490	0	0	4117.720
3	Punalur	4055.018	680.040	1738.730	234.350	0	6708.138
4	Achenkovil	2777.980	0	1312.477	0	0	4090.457
5	Ranni	3463.620	0	2231.260	400.952	0	6095.832
6	Konni	8496.380	32.480	655.871	912.900	0	10097.631
7	Kottayam	4218.090	85.540	962.067	191.900	0	5457.597
8	Munnar	770.520	4399.200	1272.210	579.360	0	7021.290
9	Kothamangalam	4668.447	304.040	1125.387	236.850	0	6334.724
10	Marayoor	0	866.820	0	0	0	866.820
11	Mankulam	42.250	117.600	324.630	405.250	0	889.730
12	Malayattoor	5743.083	31.098	2974.778	320.270	0	9069.228
13	Vazhachal	3933.870	479.510	2871.780	370.940	0	7656.100
14	Chalakkudy	4592.590	107.800	1031.850	38.600	0	5770.840
15	Thrissur	2271.766	97.450	7146.680	696.860	0	10212.756
16	TS Perumbavoor	61.490	0	0	0	0	61.490
17	Nenmara	1369.200	146.540	1702.218	90.040	0	3307.998

Sl No.	Division	Hard wood	Soft wood	Others	Bamboo, cane and reeds	Mangroves	Total
1	2	3	4	5	6	7	8
18	Palakkad	1892.960	108.820	1390.410	173.430	0	3565.620
19	Mannarkkad	564.480	143.920	402.630	50.000	0	1161.030
20	Nilambur (south)	4508.570	0	471.320	0	0	4979.890
21	Nilambur (north)	4206.660	0	3885.248	734.754	0	8826.662
22	Kozhikkode	273.230	1048.785	1009.130	87.100	5.000	2423.245
23	Wayanad (south)	2668.580	1054.030	1430.120	76.000	0	5228.730
24	Wayanad (north)	868.710	299.410	2315.130	0	0	3483.250
25	Kannur	683.188	0	4070.664	102.100	251.979	5107.931
26	Kasaragod	1212.520	0	1675.697	467.212	116.210	3471.639
27	Wildlife	88.080	135.760	1347.501	1115.468	0	2686.809
28	Wildlife Peechi	531.000	0	1141.887	132.250	0	1805.137
29	Wildlife Parambikulam	8747.466	0	0	0	0	8747.466
30	Wildlife Silent valley	437.300	57.890	94.000	0	0	589.190
31	Wildlife Wayanad	7486.802	429.670	2987.899	0	0	10904.371
32	Wildlife Aralam	291.300	0	30.000	0	0	321.300
33	NSC,Kalady	162.217	0	56.250	0	0	218.467
Grand total		87408.976	11224.323	50255.588	7481.666	373.189	156743.742

The species wise distribution of plantation area (ha), as on 31.03.2015 is given in table 2.4.

Table 2.4-Species wise distribution of plantation area (ha)

Sl No.	Speceis	Area (ha.)	% to total plantation	Sl.No.	Speceis	Area (ha.)	% to total plantation
1	Teak	76734.962	48.449	18	Albezzia	120.330	0.076
2	Teak & soft wood	14482.874	9.144	19	Anjili	393.340	0.248
3	Accacia mangium	3589.465	2.266	20	Kambakam	185.240	0.117
4	Accacia	5752.314	3.970	21	Elavu	600.980	0.379
5	Eucalyptus	6566.155	4.146	22	Rubber	86.370	0.055
6	Cane	1908.872	1.240	23	Balsa	36.040	0.023
7	Bamboo	5057.442	3.329	24	Wattle	2187.610	1.381
8	Rosewood	55.130	0.035	25	Matti	497.310	0.314
9	Mahagani	360.556	0.228	26	Cashew	4849.459	3.062
10	Sandalwood	73.840	0.047	27	Agave	41.640	0.026
11	Other hardwood	264.130	0.167	28	Alnus	74.350	0.047
12	Reeds	515.352	0.325	29	Sesbania	21.070	0.013
13	Cinnamon	0	0	30	Casuarina	138.870	0.088
14	Pepper	70.000	0.044	31	Silver Oak	108.530	0.069
15	Medicinal plants	2027.111	1.330	32	Mangroves	373.189	0.235
16	Gravelia robusta	576.728	0.364	33	Fruit	366.543	0.231
17	Pine	552.800	0.349	34	Misc	28075.141	18.203
Total						156743.742	

Table 2.5-Division/Species wise distribution of plantation area (ha) as on 31.03.2015

SI No.	Divisions	Teak	Teak & Softwood	Accacia mangium	Accacia auriculiformis	Eucalyptus	Cane	Bamboo	Rosewood	Mahogani	Sandalwood
1	2	3	4	5	6	7	8	9	10	11	12
I	Southern circle										
1	Thiruvananthapuram	557.810	217.400	1060.230	1892.320	190.340	0	65.080	0	0	0
2	Thenmala	1825.340	347.200	90.620	497.990	304.680	0	0	0	0	0
3	Punalur	1389.260	284.860	1815.428	719.010	625.370	0	234.350	0	0	0
4	Achencoil	2777.980	1312.477	0	0	0	0	0	0	0	0
5	Ranni	3087.930	984.480	40.900	263.790	0	96.270	105.020	3.000	68.000	0
6	Konni	8242.070	0	139.210	114.500	5.440	408.000	504.900	0	0.600	0
Total		17880.39	3146.417	3146.388	3487.61	1125.83	504.27	909.35	3	68.6	0
II	High range circle										
7	Kottayam	4146.090	590.376	0	56.000	74.540	140.600	51.300	0	16.000	0
8	Munnar	770.520	0	0	0	2330.050	0	579.360	0	0	0
9	Kothamangalam	4385.430	0	235.477	14.200	161.310	169.250	67.600	8.100	15.240	0
10	Marayoor	0	0	0	0	0	0	0	0	0	0
11	Mankulam	0	0	12.750	0	50.000	68.560	50.000	0	3.500	0
Total		9302.04	590.376	248.227	70.2	2615.9	378.41	748.26	8.1	34.74	0
III	Central circle										
12	Malayattoor	5537.233	2595.025	119.850	55.000	0	79.100	229.170	10.000	21.000	0

SI No.	Divisions	Teak	Teak & Softwood	Accacia mangium	Accacia auriculiformis	Eucalyptus	Cane	Bamboo	Rosewood	Mahogani	Sandalwood
1	2	3	4	5	6	7	8	9	10	11	12
13	Vazhachal	3885.790	1820.930	10.000	0	211.560	203.660	167.280	0	0	0
14	Chalakkudy	4469.930	0	0	122.660	0	0	38.600	0	0	0
15	Thrissur	1667.000	560.440	0	586.356	57.450	59.900	636.960	18.410	0	0
16	TS, Perumbavoor	35.570	0	0	0	0	0	0	0	0	0
Total		15595.52	4976.395	129.85	764.016	269.01	342.66	1072.01	28.41	21	0
IV	Eastern circle										
17	Nenmara	1262.220	0	0	84.540	146.540	47.240	42.800	0	2.380	5.000
18	Palakkad	1824.510	91.430	0	55.820	41.920	65.880	107.550	0	0	0
19	Mannarkkad	384.730	0	0	164.550	143.920	17.400	32.600	0	0	0
20	Nilambur (S)	4474.750	0	0	33.820	0	0	0	0	0	0
21	Nilambur (N)	4036.220	0	0	70.610	0	139.000	595.754	5.620	4.210	0
Total		11982.43	91.43	0	409.34	332.38	269.52	778.704	5.62	6.59	5
V	Northern cirlice										
22	Kozhikode	273.230	0	0	0	711.745	2.500	77.600	0	0	0
23	Wayanadu (S)	2328.500	0	0	293.880	732.870	10.000	56.000	0	4.000	0
24	Wayanadu (N)	493.060	1017.030	65.000	310.650	221.100	0	0	0	0	0
25	Kannur	370.470	2409.295	0	238.830	0	102.100	0	0	73.888	0
26	Kasaragod	870.774	0	0	132.288	0	299.412	167.800	0	151.738	57.720
Total		4336.034	3426.325	65	975.648	1665.715	414.012	301.4	0	229.626	57.72

SI No.	Divisions	Teak	Teak & Softwood	Accacia mangium	Accacia auriculiformis	Eucalyptus	Cane	Bamboo	Rosewood	Mahogani	Sandalwood
1	2	3	4	5	6	7	8	9	10	11	12
VI	Agasthyavanam										
27	Thiruvananthapuram Wildlife	42.580	0	0	45.500	69.760	0	1115.468	0	0	0
Total		42.580	0	0	45.500	69.760	0	1115.468	0	0	0
VII	Wildlife, Palakkad										
28	Peechi	531.000	134.400	0	0	0	0	132.250	0	0	0
29	Parambikulam	8747.466	0	0	0	0	0	0	0	0	0
30	Silent Valley	437.300	0	0	0	57.890	0	0	0	0	0
31	Wayanad	7426.682	2117.531	0	0	429.670	0	0	10.000	0	11.120
32	Aralam	291.300	0	0	0	0	0	0	0	0	0
Total		17433.75	2251.931	0	0	487.56	0	132.25	10	0	11.12
VIII	Social forestry, Eranakulam										
33	NSC, Kalady	162.217	0	0	0	0	0	0	0	0	0
Total		162.217	0	0	0	0	0	0	0	0	0
Grand Total		76734.96	14482.87	3589.465	5752.314	6566.155	1908.872	5057.442	55.130	360.556	73.840

S1 No.	Divisions	Other hardwood	Reeds	Cinnamon	Pepper	Medicinal plants	Gravelia robusta	Pine	Albezzia	Anjili	Kambakom	Elavu	Rubber
1	2	13	14	15	16	17	18	19	20	21	22	23	24
I	Southern circle												
1	Thiruvananthapuram	0	0	0	0	390.120	0	67.800	7.000	373.740	13.960	0	0
2	Thenmala	0	0	0	0	15.000	0	0	0	9.600	0	0	0
3	Punalur	131.32	0	0	0	103.340	0	0	0	0	0	0	44.37
4	Achencoil	0	0	0	0	0	0	0	0	0	0	0	0
5	Ranni	0	199.662	0	0	0.130	0	0	0	0	0	0	0
6	Konni	0	0	0	0	213.430	0	0	0	0	0	0	0
Total		131.32	199.662	0	0	722.02	0	67.8	7	383.34	13.96	0	44.37
II	Highrange circle												
7	Kottayam	0	0	0	0	216.000	0	0	0	0	0	0	0
8	Munnar	0	0	0	0	0	85.320	485.00	0	0	0	44.240	0
9	Kothamangalam	0	0	0	0	0	0	0	3.280	10.000	0	11.550	0
10	Marayoor	0	0	0	0	0	0	0	0	0	0	0	0
11	Mankulam	23.000	286.690	0	0	82.800	67.600	0	0	0	3.000	0	0
Total		23.00	286.69	0	0	298.8	152.92	485	3.28	10	3	55.79	0
III	Central circle												
12	Malayattoor	0	12.000	0	0	136.413	26.098	0	0	0	0	0	0
13	Vazhachal	0	0	0	0	150.750	76.550	0	86.050	0	38.080	105.35	0
14	Chalakkudy	0	0	0	0	0	0	0	0	0	0	107.80	0

S1 No.	Divisions	Other hardwood	Reeds	Cinnamon	Pepper	Medicinal plants	Gravelia robusta	Pine	Albezzia	Anjili	Kambakom	Elavu	Rubber
1	2	13	14	15	16	17	18	19	20	21	22	23	24
15	Thrissur	0	0	0	0	288.320	0	0	0	0	0	0	0
16	T S, Perumbavoor	25.920	0	0	0	0	0	0	0	0	0	0	0
Total		25.92	12	0	0	575.483	102.648	0	86.05	0	38.08	213.15	0
IV	Eastern circle												
17	Nenmara	15.060	0	0	0	0	0	0	0	0	0	0	0
18	Palakkad	12.630	0	0	0	84.520	0	0	0	0	0	0	0
19	Mannarkkad	15.200	0	0	0	20.590	0	0	0	0	0	0	0
20	Nilambur (S)	0	0	0	0	0	0	0	0	0	0	0	0
21	Nilambur (N)	0	0	0	0	124.478	0	0	0	0	90.000	0	0
Total		42.89	0	0	0	229.588	0	0	0	0	90	0	0
V	Northern cirlice												
22	Kozhikode	0	7.000	0	0	8.000	0	0	0	0	0	332.04	0
23	Wayanadu (S)	2.000	10.000	0	0	48.560	321.160	0	0	0	40.200	0	0
24	Wayanadu (N)	0	0	0	0	0	0	0	0	0	0	0	0
25	Kannur	0	0	0	70.000	93.260	0	0	0	0	0	0	0
26	Kasaragod	0	0	0	0	47.400	0	0	0	0	0	0	0
Total		2	17	0	70	197.22	321.16	0	0	0	40.2	332.04	0
VI	Agasthyavanam												
27	Thiruvananthapuram	0	0	0	0	0	0	0	24.000	0	0	0	42.00
Total		0	0	0	0	0	0	0	24.00	0	0	0	42.00

S1 No.	Divisions	Other hardwood	Reeds	Cinnamon	Pepper	Medicinal plants	Gravelia robusta	Pine	Albezzia	Anjili	Kambakom	Elavu	Rubber
1	2	13	14	15	16	17	18	19	20	21	22	23	24
VII	Wildlife, Palakkad												
28	Peechi	0	0	0	0	4.000	0	0	0	0	0	0	0
29	Parambikulam	0	0	0	0	0	0	0	0	0	0	0	0
30	Silent Valley	0	0	0	0	0	0	0	0	0	0	0	0
31	Wayanad	39.000	0	0	0	0	0	0	0	0	0	0	0
32	Aralam	0	0	0	0	0	0	0	0	0	0	0	0
Total		39	0	0	0	4	0	0	0	0	0	0	0
VIII	Social forestry,Eranakulam												
33	NSC,Kalady	0	0	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0	0	0
Grand Total		264.13	515.352	0	70.000	2027.111	576.728	552.800	120.33	393.340	185.240	600.98	86.370

SI No.	Divisions	Balsa	Wattle	Matti	Cashew	Agave	Alnus	Sesbania	Casuarina	Silver oak	Mangroves	Fruit bearing	Misc	Total plantation
1	2	25	26	27	28	29	30	31	32	33	34	35	36	37
I	Southern circle													
1	Thiruvananthapuram	0	0	13.100	158.504	0	0	0	0	0	0	0	457.250	5464.654
2	Thenmala	15.00	0	0	0	0	0	0	0	0	0	0	1012.29	4117.720
3	Punalur	0	0	10.300	9.500	0	0	0	0	0	0	10.00	1331.03	6708.138
4	Achencoil	0	0	0	0	0	0	0	0	0	0	0	0	4090.457
5	Ranni	0	0	0	0	0	0	0	0	0	0	0	1246.65	6095.832
6	Konni	21.04	0	6.000	0	32.0	0	0	0	0	0	0	410.441	10097.631
	Total	36.04	0	29.4	168.004	32	0	0	0	0	0	10	4457.66	36574.432
II	Highrange circle													
7	Kottayam	0	0	11.000	0	0	0	0	0	0	0	0	155.691	5457.597
8	Munnar	0	1320.79	133.80	0	0	61.60	0	0	0	0	0	1210.61	7021.290
9	Kothamangalam	0	0	127.90	54.000	0	0	0	0	0	0	0	1071.39	6334.724
10	Marayoor	0	866.820	0	0	0	0	0	0	0	0	0	0	866.820
11	Mankulam	0	0	0	0	0	12.75	0	0	0	0	0	229.080	889.730
	Total	0	2187.61	272.7	54	0	74.35	0	0	0	0	0	2666.77	20570.161
III	Central circle													
12	Malayattoor	0	0	5.000	3.040	0	0	0	0	0	0	0	240.300	9069.228
13	Vazhachal	0	0	0	0	0	0	21.07	0	0	0	0	879.030	7656.100
14	Chalakkudy	0	0	0	161.870	0	0	0	0	0	0	0	869.980	5770.840

SI No.	Divisions	Balsa	Wattle	Matti	Cashew	Agave	Alnus	Sesbania	Casuarina	Silver oak	Mangroves	Fruit bearing	Misc	Total plantation
1	2	25	26	27	28	29	30	31	32	33	34	35	36	37
15	Thrissur	0	0	40.000	1994.76	0	0	0	0	0	0	0	4303.16	10212.756
16	TS,Perumbavoor	0	0	0	0	0	0	0	0	0	0	0	0	61.490
	Total	0	0	45	2159.67	0	0	21.07	0	0	0	0	6292.47	32770.414
IV	Eastern circle													
17	Nenmara	0	0	0	300.830	0	0	0	0	75.030	0	0	1326.36	3307.998
18	Palakkad	0	0	66.900	17.170	0	0	0	32.630	0	0	5.000	1159.66	3565.620
19	Mannarkkad	0	0	0	152.710	9.64	0	0	0	0	0	0	219.690	1161.030
20	Nilambur (S)	0	0	0	0	0	0	0	0	0	0	0	471.320	4979.890
21	Nilambur (N)	0	0	0	504.200	0	0	0	0	0	0	0	3256.57	8826.662
	Total	0	0	66.9	974.91	9.64	0	0	32.63	75.03	0	5	6433.60	21841.2
V	Northern circle													
22	Kozhikode	0	0	5.000	150.060	0	0	0	20.000	0	5.000	0	831.070	2423.245
23	Waynadu (S)	0	0	0	0	0	0	0	0	33.500	0	0	1348.06	5228.730
24	Waynadu (N)	0	0	78.310	0	0	0	0	0	0	0	0	1298.10	3483.250
25	Kannur	0	0	0	107.250	0	0	0	0	0	251.979	0	1390.85	5107.931
26	Kasaragod	0	0	0	1127.72	0	0	0	86.240	0	116.210	0	414.342	3471.639
	Total	0	0	83.31	1385.025	0	0	0	106.24	33.5	373.189	0	5282.43	19714.795
VI	Agasthyavanam													
27	Thiruvananthapuram	0	0	0	0	0	0	0	0	0	0	351.5	995.958	2686.809
	Total	0	0	0	0	0	0	0	0	0	0	351.5	995.958	2686.809

Sl No.	Divisions	Balsa	Wattle	Matti	Cashew	Agave	Alnus	Sesbania	Casuarina	Silver oak	Mangroves	Fruit bearing	Misc	Total plantation
1	2	25	26	27	28	29	30	31	32	33	34	35	36	37
VII	Wildlife, Palakkad													
28	Peechi	0	0	0	35.000	0	0	0	0	0	0	0	968.487	1805.137
29	Parambikulam	0	0	0	0	0	0	0	0	0	0	0	0	8747.466
30	Silent Valley	0	0	0	0	0	0	0	0	0	0	0	94.000	589.190
31	Wayanad	0	0	0	0	0	0	0	0	0	0	0	870.368	10904.371
32	Aralam	0	0	0	30.000	0	0	0	0	0	0	0	0	321.300
	Total	0	0	0	65	0	0	0	0	0	0	0	1932.86	22367.464
VIII	Social forestry, Ernakulam													
33	NSC, Kalady	0	0	0	42.850	0	0	0	0	0	0	0	13.400	218.467
	Total	0	0	0	42.850	0	0	0	0	0	0	0	13.400	218.467
Grand Total		36.04	2187.61	497.31	4849.459	41.64	74.35	21.07	138.87	108.53	373.189	366.54	28075.1	156743.742

Fire affected plantations:

Details of plantations (species wise) affected by fire during the year 2014-15 are shown in table 2.6.

Table 2.6-Details of plantations affected by fire during 2014-15 (Area in ha.)

SI No.	Division	Teak	Cashew	Eucalyptus	Medicinal	Misc	Bamboo	Accacia	Mangium	Others	Total
1	2	3	4	5	6	7	8	9	10	11	12
1	Thiruvananthapuram	5.000	0	0	0	0	0	2.500	8.000	0	15.500
2	Thenmala	7.000	0	0	0	0	0	0	0	0	7.000
3	Punalur	34.500	0	0	0	0	0	0	4.000	0	38.500
4	Konni	15.000	0	0	0	0.520	0	0	0	0	15.520
5	Kottayam	14.000	0	5.000	0	0	0	0	0	1.000	20.000
6	Kothamangalam	1.000	0	0	0	0	0	0	0	2.000	3.000
7	Chalakyudy	36.250	0	0	0	8.000	0	0	0	0	44.250
8	Vazhachal	4.000	0	0	0	0	0	0	0	0	4.000
9	Thrissur	34.000	0	3.000	0	2.000	18.000	0	3.000	72.500	132.500
10	Malayattoor	29.000	0	0	0	1.000	0	0	0	40.000	70.000
11	Nilambur north	2.700	0	0	0	0	0	0	0	0	2.700
12	Palakkad	8.000	0	0	0	0	0	0	0	0	8.000
13	Mannarkkad	1.134	0.304	0	0	0	0	2.5000	0	0	3.938
14	Nenmara	1.700	0	0	0	0	0	0	0	0	1.700
15	Kannur	0	0	0	0	0	0	0	0	0.810	0.810
16	Peechi	5.500	0	0	0	0	0	0	0	3.000	8.500
Total		198.784	0.304	8.00	0.00	11.52	18.00	5.00	15.00	119.31	375.918

Plantations under Kerala forest development corporation (KFDC)

A State owned public sector undertaking was set up on 24.01.1975 as an off-shoot of the forest department pursuant to the recommendations of the National Agricultural Commission's report 1972 to mobilize institutional finance to establish large scale forest plantations over 80000 ha for the development and establishment of wood based industries in the State.

The species wise plantation area under the management of KFDC as on 31/03/2015 is given in table 2.7.

Table 2.7-Species wise plantation area of KFDC

Sl No.	Species	Area (ha)
1	2	3
1	Teak & soft wood	1251.994
2	Acacia auriculifomis/Acacia manjium/Acacia crassicarpa	2107.545
3	Eucalyptus	2479.999
4	Cardamom	954.110
5	Bamboo	834.576
6	Tea	100.670
7	Coffee	597.427
8	Cashew	312.263
9	Rubber	57.936
10	Pepper	3.800
11	Red sandal wood	80.977
12	Sandal wood	17.97
13	Medicinal species	0.780
14	Vagamon orchidarium	15.220
15	Eco-tourism zone	668.070
16	Pine, alnus, casurina, failed eucalyptus, etc	112.514
17	Unproductive / Swamp / Rock / Buildings, etc	458.613
Total		10054.464

CHAPTER – III

RESOURCES

3.1- Natural resources

Outturn of major forest produce during the reporting year is shown in table 3.1.

Table 3.1-Outturn of major forest produce

Sl No.	Item	Unit	Quantity
1	2	3	4
1	Teak poles	MT	12232.942
2	Other oles	MT	744.600
3	Sawn wood	MT	6.036
4	Firewood	MT	14817.891
5	Sandal wood	kg	88190.769
6	Bamboo	MT	8751.931
7	Reeds	MT	5759.127

Procurement of minor forest produce is given in table 3.2.

Table 3.2 -Procurement of minor forest produces

Sl No.	Name	Quantity (kg)
1	2	3
1	Ayurvedic herbs	1038878.65
2	Spices	1772
3	Fibre	6184.5
4	Grass other than fodder	148198
5	Incensive plants	14346.4
6	Honey	61317.7
7	Bee's wax	219.5
8	Vegetable oil seeds	1578
9	Medicinal trees	750
Total		1273244.75

Source: Kerala State federation of SC/ST development co-operatives Ltd.

Table 3.3-Details on procurement of minor forest produce

SI No.	Item	Quantity procured (kg)	Unit price (₹)	Value (₹)
1	2	3	4	5
1	Adalodakam	19863	10.00	198630
2	Adapathian	10	450.00	4500
3	Cheenikka	96958	28.33	2746495
4	Athithippali	377	50.00	18850
5	Cheruthekku	2902	46.24	134188
6	Cheruthen	21939.25	200.26	4393460
7	Chittamrithu	3759	8.48	31871
8	Chool Pullu	148198	14.31	2121168
9	Chunda	300526	15.79	4746011
10	Kakkumkai/Parantakai	1503	12.61	18960
11	Kalpasam	9219.6	278.44	2567140
12	Karimkurinji	55186	15.72	867647
13	Kalloor vanchi	10	100.00	1000
14	Kasturimanjal	1772	73.94	131019
15	Kattukurumulaku valli	6174.5	23.08	142487
16	Kattupadavalam	232	161.91	37564
17	Kazhanchikuru	2.5	18.00	45
18	Kodithuva	25	81.00	2025
19	Kolinchi	150	70.00	10500
20	Koppuvella	246	60.00	14760
21	Kudampuli	500	160.00	80000
22	Kunthirikkom	8517.9	207.91	1770925
23	Kurumthotti	444754	16.18	7196823
24	Marottikkuru	2883	79.94	230480
25	Moovila	38133	44.13	1682920
26	Mullilam	250	50.00	12500
27	Nannari/Naruneendi	1623.3	120.92	196292
28	Orilaveru	13047.5	47.82	623944
29	Pachotti patta	8544.5	45.45	388382.5
30	Padakizhangu	3202.65	294.93	944546
31	Palmuthakku	75	5.00	375
32	Pathiripoovu	738.1	342.81	253030
33	Pattincha/Incha	5293.5	40.66	215258
34	Peenari	11877.5	29.94	355590
35	Pollakuru	667	29.18	19465
36	Ponkurandi	6	50.00	300
37	Puliyila	1583	4.00	6332
38	Putharichunda	19490	16.58	323148
39	Sathavari	250	12.00	3000
40	Seethari	24	30.00	720
41	Soapinkai	265	11.62	3080
42	Thannikai	800	10.00	8000
43	Tharavella	616	15.00	9240

Sl No.	Item	Quantity procured (kg)	Unit price (₹)	Value (₹)
1	2	3	4	5
44	Thippali	1396	47.03	65656
45	Thazhuthama	57	30.00	1710
46	Vanthen	39378.45	385.60	15184189
47	Wax(Bee wax)	219.5	253.84	55717

Source: Kerala State federation of SC/ST development co-operatives Ltd.

Outturn of timber

Category wise outturn of timber classified according to utility is given below in table 3.4

Table 3.4-Outturn of timber based on utility

Sl No.	Category	Unit	Quantity
1	2	3	4
1	Industrial wood	M ³	24579.813
2	Plywood	,,	322.144
3	Match wood	,,	231.534
4	Bobbin wood	,,	77.952
5	Pencil wood	,,	3.242
6	Packing case wood	,,	107.689
7	Pulpwood		
a	Eucalyptus	MT	5960.454
b	Accasia	,,	77155.838
c	Bamboo	,,	8751.931
d	Reeds	,,	5759.127
8	Miscellaneous		
a	Timber	M ³	4979.651
b	Fire wood	MT	14817.891
c	Sawn wood	MT	6.036
d	Sandal wood	kg	88190.769
e	Teak poles	MT	12232.942
f	Other poles	MT	744.600
g	Billets	MT	1324.574

Receipts of timber

Species wise receipts of timber as on 31.03.2015 are given in table 3.5.

Table 3.5-Species wise receipts of timber

Sl No.	Species	Unit	Receipts
1	2	3	4
Industrial wood			
1	Teak	M ³	21395.779
2	Rosewood	,,	198.323
3	Mahogani	,,	49.160
4	Anjili	,,	310.888
5	Kambakom	,,	6.173
6	Thembavu	,,	81.898
7	Venga	M ³	42.129
8	Venteak	,,	127.856
9	Jack/ Plavu	,,	30.875
11	Manimaruthu	,,	5.099
12	Maruthu	,,	973.145
13	Karimaruthu	,,	117.417
13	Irul	,,	759.941
14	Mulluvenga	,,	70.534
15	Unnam/Chadachi	,,	79.906
16	Thanni	,,	141.904
17	Karimthakara	,,	38.694
18	Pathiri	,,	11.695
19	Poovam	,,	17.766
20	Kanjiram	,,	11.758
21	Kunnivaka	,,	108.873
Total			24579.813
Plywood			
1	Kulamavu	M ³	84.038
2	Mavu	,,	35.095
3	Redcedar/ Chandanavembu	,,	21.762
4	Poon/Punna/Punnavu	,,	68.395
5	Cheeni	,,	24.754
6	Nedunaru	,,	4.956
7	Kumbil	,,	12.687
8	Njaval	,,	17.170

Sl No.	Species	Unit	Receipts
1	2	3	4
9	Vellapine/Pine	,,	47.452
10	Cheru	,,	1.850
11	Matty	,,	0.746
12	Karimurukku	,,	0.443
13	Peenari	,,	1.194
14	Paddock	,,	0.167
15	Kadambu	,,	1.435
Total			322.144
Matchwood			
1	Elavu/Poola	M ³	165.003
2	Pala / Mukkampala	,,	20.638
3	Vaka	,,	25.416
4	Nasakom/Kanala	,,	20.477
Total			231.534
Bobbinwood			
1	Akil/Vellakil	M ³	57.939
2	Manjakadambu	,,	20.013
Total			77.952
Pencil wood			
1	Venkotta	M ³	0.508
2	Poochakadambu	,,	2.734
Total			3.242
Packing case wood			
1	Kara /Rudraksham	M ³	5.065
2	Malaveppu	,,	42.260
3	Vatta	,,	59.170
4	Ambazham	,,	0.110
5	Karingazha	,,	0.634
6	Pezhu	,,	0.450
Total			107.689
Pulpwood			
1	Eucalyptus	MT	5960.454
2	Accacia	,,	77155.838
3	Bamboo	,,	8751.931
4	Reeds	,,	5759.127
Total			97627.35

Sl No.	Species	Unit	Receipts
1	2	3	4
Miscellaneous			
1	Timber	M ³	4979.651
2	Fire wood	MT	14817.891
3	Sawn wood	MT	6.036
4	Sandal wood	kg	88190.769
5	Teak poles	MT	12232.942
6	Other poles	MT	744.600
7	Billets	MT	1324.574

3.2. Human resources

Staff strength

Details of sanctioned strength and in position (designation wise) during 2014-15 are shown in table 3.6

Table 3.6-Designation wise details of sanctioned strength and in position

Sl No.	Name of post	Sanctioned strength	Staff in position
1	2	3	4
1.	Principal chief conservator of Forests	3	5*
2.	Addl. Principal chief conservator of forests	4	12*
3.	Chief conservator of forests	11	9
4.	Conservator of forests	13	2
5.	Dy.conservator of forests(IFS cadre)	35	24
6.	Forest tribunal	1	1
7.	Law secretary	1	1
8.	Sr. Finance officer	1	1
9.	Sr. Administrative officer	1	1
10.	Deputy director (Statistics)	1	1
11.	Deputy director (WL Education)	3	3
12.	Asst. conservator of forests	101	93
13.	Sr. Administrative asst.	9	9
14.	Administrative asst.	12	9

Sl No.	Name of post	Sanctioned strength	Staff in position
1	2	3	4
15.	Personal assistant	3	3
16.	Senior supdt.	34	34
17.	Range forest officer	205	198
18.	Dy. Range forest officer	158	152
19.	Public relation officer	1	0
20.	Asst.public relation officer	3	1
21.	Junior supdt.	71	68
22.	Head accountant	74	71
23.	Research assistant	3	4**
24.	Wildlife asst.	10	4
25.	Senior clerk	443	423
26.	Clerk	444	428
27.	Statistical assistant Gr. I & II	34	30
28.	Fair copy supdt.	8	8
29.	Sel.Gr typist /Sr. Gr. typist	44	44
30.	Typist clerk	1	0
31.	UD typist	44	44
32.	LD typist	45	42
33.	Confidential asst.	39	33
34.	Legal assistant	1	1
35.	Section officer	1	1
36.	Forest veterinary officer	1	1
37.	Veterinary doctor	1	1
38.	Asst. forest veterinary officer	2	1
39.	Documentation officer	1	0
40.	Asst. director (Survey)	1	0
41.	Survey supdt.	2	2
42.	Surveyor Gr. I	17	24
43.	Surveyor Gr. II	49	14
44.	Head surveyor	2	2
45.	Section forest officer	952	852

Sl No.	Name of post	Sanctioned strength	Staff in position
1	2	3	4
46.	Beat forest officer	2618	2306
47.	Sheristadar cum secretary	1	1
48.	Head draftsman	2	2
49.	Draftsman	45	11
50.	CI of police	2	0
51.	SI of police	4	1
52.	Head constable	22	1
53.	Police constable	110	18
54.	Librarian	1	1
55.	Project operator	1	0
56.	Pharmacist	2	1
57.	Dispensary attender	1	0
58.	Nursing asst.	1	0
59.	Binder	2	2
60.	PT instructor	6	1
61.	Record cum storekeeper	3	0
62.	Museum asst.	1	0
63.	Office attendant	420	395
64.	Peon cum sweeper	1	1
65.	Daffedar	1	0
66.	Attender	18	13
67.	Dark room attender	1	0
68.	Driver	247	227
69.	Photographer cum artist	1	0
70.	Gardner	4	1
71.	Traker cum gardner	3	0
72.	Gardner cum marker	1	1
73.	Cleaner	2	0
74.	Watcher	42	35
75.	Muduvan watcher	8	0
76.	Night watcher	25	17

Sl No.	Name of post	Sanctioned strength	Staff in position
1	2	3	4
77.	RF watcher	157	145
78.	Depot watcher	86	49
79.	Tribal watcher	700	489
80.	Watcher cum cook	6	2
81.	Tapal watcher	3	0
82.	Rest house watcher	1	0
83.	Scavenger/Sanitary worker	1	0
84.	Cook/Asst. cook	1	1
85.	Boat driver	12	7
86.	Boat zrang	1	0
87.	Boat watcher	6	1
88.	Boat cleaner/Cleaner	3	1
89.	Lascar	4	0
90.	Survey lascar	11	2
91.	Mahouts& kavadi	26	14
92.	Timber supervisor	1	0
93.	Pump operator	1	0
94.	Lab assistant	1	0
95.	Radio mechanic	1	0
96.	Helper	1	0
97.	Bus cleaner	1	1
98.	Chowkeedar	1	0
99.	Part time contingent employees	227	287***
Total		7738	6691

* Ex-cadre posts,

** Statistical Assistant Gr I post upgraded in SC,Kollam.

***includes casual sweepers also.

Training

Detailed information on training conducted during the year 2014-15 is given in table 3.7

Table 3.7-Training details during 2014-15

Sl No.	Training	No. of participants
A) Training within the State		
1	Training conducted at forestry training centre (O/o APCCF (IHRD))	367
2	Induction Training of BFOs at KFS, Arippa &Walayar	284
3	Mandatory training for Dy.Range forest officers at KFS, Arippa & Walayar	62
4	Mandatory training for Range forest officers at KFS, Walayar	13
5	Training for forestry students	30
B) Trainings outside State/ department		
1	Extention education institute , Hyderabad/Central academy for State forest service(CASFOS)/Central detective training school/Forest survey of India /Wildlife institute of India/Forest research institute	48
2	IMG,Thiruvananthapuram	307

CHAPTER- IV
INFRASTRUCTURE

Roads

The type wise details of roads maintained by the department as on 31.03.2015 are given in table 4.1.

Table 4.1-Details of roads

Sl No.	Type of road	Length (Km)
1	2	3
1	Black topped	392.93
2	Metalled	858.21
3	Cement concrete	11.25
4	Others	3364.15
Total		4626.54
1	Motorable	3867.70
2	Non-motorable	758.84

Buildings

The item wise details of buildings under the department as on 31.03.2015 are given in table 4.2.

Table 4.2-Details of buildings

Sl No.	Item	In Possession (Nos)
1	2	3
I	Office buildings	325
II	Rest house/Government cottages/IB	67
III	Quarters	
	a) Type VI	21
	b) Type V	18
	c) Type IV	79
	d) Type III	208
	e) Type II	620
	f) Type I	316
	Other quarters	105
IV	Dormitory	72
V	Community hall	40

Sl No.	Item	In Possession (Nos)
1	2	3
VI	Forest stations	114
VII	Other buildings	1030
Total		3015

Vehicles

Kerala forest department possesses 685 numbers of different types of vehicles. The details as on 31.03.2015 are given in table 4.3.

Table 4.3-Details of vehicles

Sl No.	Vehicles	No. of vehicles		Total number of vehicles
		In running condition	Not in running condition	
1	2	3	4	5
1	Bolero	111	4	115
2	Jeep	186	49	235
3	Invader	8	0	8
4	Motor cycle	100	57	157
5	Mini van-Tata ace magic	2	0	2
6	Toyota qualis	7	0	7
7	Maruthy gypsy	2	0	2
8	Mahindra thar	57	1	58
9	Ambassador car	21	8	29
10	Car	10	0	10
11	Tata mobile	0	1	1
12	Tata winger	3	1	4
13	Tata spacio	1	0	1
14	Maruthi SX 4	10	0	10
15	Indigo car	8	2	10
16	Mini bus	8	1	9
17	Lorry	2	0	2
18	Mini lorry	4	0	4
19	Road roller	0	2	2
20	Boat	13	6	19
	Total	553	132	685

Arms & ammunition

Necessary arms & ammunition have been given to the Divisional forest officers, Range officers and forest station staff in vulnerable areas for effective protection of forests and wildlife. The details are as shown in table 4.4.

Table 4.4-Details of arms and ammunition

Sl No.	Circle	No. of weapons (Gun/rifles/revolvers/ pistols)	Ammunition (nos) (Catridges & bullets)
1	2	3	4
1	Kollam	39	239
2	Kottayam	72	576
3	Thrissur	47	120
4	Palakkad	56	814
5	Kannur	34	686
6	ABP, Thiruvananthapuram	18	1355
7	Field director (Project tiger), Kottayam	110	1872
8	Wildlife, Palakkad	101	1795
9	Vigilance	43	718
10	Estate office FHQ .TVM	10	4065
Total		530	12240

Forest stations

Forest station system was introduced by the department in 1988 on police station model in the place of beat section system for effective forest protection and with a view to afford more collective strength and security to the forest protective staff.

Division wise number of forest stations as on 31.03.2015 is given below in table 4.5.

Table 4.5-Division wise number of forest stations

Sl No.	Division	No. of forest stations	Sl No.	Division	No. of forest stations
1	Punalur	1	13	Nilambur south	4
2	Konni	7	14	Mannarkkad	8
3	Ranni	9	15	Nemmara	3

Sl No.	Division	No. of forest stations	Sl No.	Division	No. of forest stations
4	Kottayam	6	16	Wayanad north	5
5	Kothamangalam	1	17	Wayanad south	1
6	Munnar	6	18	Periyar east	1
7	Marayoor	4	19	Periyar west	3
8	Thrissur	10	20	Munnar WL	4
9	Vazhachal	8	21	Silent valley	2
10	Chalakyudy	3	22	Peechi	1
11	Malayattoor	14	23	Wayanad WL	6
12	Nilambur north	7	Total		114

The details on forest stations in different ranges are given in table 4.6.

Table 4.6-Division / Range wise details of forest stations

Sl No.	Division	Range	Forest station	
1	2	3	4	
1	Punalur	Pathanapuram	1	Ambanar
2	Konni	Konni	2	Kumaramperoor (south)
			3	Kumaramperoor (north)
			4	Kokkathodu
		Naduvathumoozhy	5	Karippanthodu
			6	Padom
		Mannarappara	7	Chempala
			8	Mannarappara
		3	Ranni	Ranni
10	Kanamala			
11	Rajampara			
Vadasserikkara	12			Chittar
	13			Gurunathanmannu
	14			Thannithodu
Goodrikkal	15			Plappally
	16			Kochukoickal
	17			Pachakkanam

Sl No.	Division	Range	Forest station	
1	2	3	4	
4	Kottayam	Nagarampara	18	Vazhathoppu
			19	Vairamony
		Ayyappancoil	20	Kanchiyar
		Erumeli	21	Murinjapuzha
			22	Vandanpathal
			23	Placherry
5	Kothamangalam	Thodupuzha	24	Veloor
6	Munnar	Munnar	25	Pettimudy
		Adimali	26	Machiplavu
			27	Panamkutty
		Neriyamangalam	28	Nagarampara
			29	Inchathotty
			30	Valara
7	Marayoor	Marayoor	31	Marayoor
			32	Nachivayal
		Kanthalloor	33	Kanthalloor
			34	Vannanthura
8	Thrissur	Vadakkancherry	35	Erumapetty
			36	Poongodu
			37	Mayannoor
		Machad	38	Akamala
			39	Elanad
			40	Vazhani
		Pattikkad	41	Pattikkad
			42	Ponganamkad
			43	Mannamangalam
			44	Vaniyampara
9	Vazhachal	Charpa	45	Kannamkuzhy
		Vazhachal	46	Vazhachal
			47	Mukkumpuzha
		Kollathirumedu	48	Kollathirumedu
		Sholayar	49	Malakkappara
50	Sholayar			

Sl No.	Division	Range	Forest station	
1	2	3	4	
		Athirappally	51	Athirappally
			52	Ezhattumugham
10	Chalakydy	Pariyaram	53	Konnakuzhy
			54	Chaippankuzhy
		Vellikulangara	55	Mupliyam
11	Malayattoor	Kodanadu	56	Perumthodu
			57	Erumukham
			58	Mekkappala
		Kalady	59	Karakkadu
			60	Kannimangalam
			61	Evergreen
		Thundathil	62	Bhothathankettu
			63	Karimpani
			64	Edamalayar
			65	Vadathuppara
		Kuttampuzha	66	Pooyamkutty
			67	Anakulam
		Edamalayar	68	Ennakkal
69	Perumuzhy			
12	Nemmara	Kollengode	70	Thekkady
		Nelliampathy	71	Nelliampathy
		Alathur	72	Mangalamdam
13	Mannarkkad	Mannarkkad	73	Palakkayam
			74	Mannarkkad
			75	Thiruvizhamkunnu
		Attappady	76	Pudur
			77	Mukkali
		Agali	78	Ommala
			79	Sholayar
			80	Singappara
14	Nilambur (south)	Karulai	81	Padukka
			82	Nedumkayam
		Kalikavu	83	Chakkikuzhi

Sl No.	Division	Range	Forest station	
1	2	3	4	
			84	Karuvarakundu
15	Nilambur (north)	Edavanna	85	Akampadam
			86	Edacode
			87	Kodumpuzha
		Nilambur	88	Vaniyampuzha
			89	Kanjirapuzha
		Vazhikkadavu	90	Nellikuthu
		91	Pothukal	
16	Wayanad (north)	Mananthavady	92	Makkiyad
		Begur	93	Thirunelly
			94	Thalapuzha
		Periya	95	Kunhome
96	Varayal			
17	Wayanad south	Chedleth	97	Irulam
18	Munnar WL (Eravikulam)	Eravikulam NP	98	Chattamunnar
		Chinnar WS	99	Kambakkallu
			100	Karimutti
		Shola NP	101	Kadavari
19	Silent Valley	Bhavani	102	Anavai
			103	Thudukki
20	Periyar East	Vallakkadavu	104	Gavi
21	Periyar West	Pamba	105	Sannidhanam
			106	Mukkuzhi
			107	Pachakkanam
22	Peechi	Peechi	108	Olakara
23	Wayanad WL	Kurichiat	109	Vandikkadavu
			110	Kuppady
		Sulthanbathery	111	Naikatty
		Muthanga	112	Muthanga
			113	Thottamoola
		Tholpetty	114	Tholpetty

Check posts

Division wise number of check posts as on 31.03.2015 is given below in table 4.7.

Table 4.7-Division wise number of check posts

Sl No.	Division	No. of check posts	Sl No	Division	No. of check posts
1	Thiruvananthapuram	4	17	Mannarkkad	4
2	Thenmala	2	18	Nemmara	3
3	Punalur	1	19	Wayanad South	2
4	Konni	4	20	Wayanad North	2
5	Ranni	3	21	Kannur	1
6	Achencovil	1	22	Kasargod	3
7	Kottayam	4	23	Shenduruney	1
8	Kothamangalam	1	24	Thiruvananthapuram WL	1
9	Munnar	4	25	Periyar East	5
10	Marayoor	2	26	Periyar West	1
11	Vazhachal	2	27	Idukki	1
12	Chalakyudy	3	28	Munnar	5
13	Malayattoor	4	29	Parambikulam	3
14	Nilambur north	1	30	Wayanadu WL	5
15	Nilambur south	1	31	Peechi	1
16	Palakkad	1	Total		76

Range wise details of check posts are given in table 4.8.

Table 4.8-Division / Range wise number of check posts

Sl No.	Division	Range	Check post
1	2	3	4
Southern circle - Kollam			
1	Thiruvananthapuram	Paruthipally	1 Parassala
		Kulathupuzha	2 Venkolla
		Palode	3 Mankayam
			4 Anappara
2	Thenmala	Thenmala	5 Nedumannurkadavu
		Aryankavu	6 Kottavasal
3	Punalur	Pathanapuram	7 Karavoor
4	Achenkovil	Achenkovil	8 Kottavasal

Sl No.	Division	Range	Check post	
1	2	3	4	
5	Konni	Konni	9	Athumpukulam
		Naduvathumuzhy	10	Njanaval
			11	Padom
		Mannarappara	12	Mullumala
6	Ranni	Gudrical	13	Kochandi
		Vadasserikkara	14	Vadasserikkara
		Ranni	15	Laha(Rajampara)
High range circle- Kottayam				
7	Kottayam	Kumili	16	Kumili
			17	Cumbummettu
		Erumeli	18	Pulluppara
			19	Vazhikadavu
8	Kothamangalam	Thodupuzha	20	Guruthikalam
9	Munnar	Neriyamangalam	21	Thalakkodu
		Adimali	22	Panamkutty
		Devikulam	23	Bodimettu
			24	Palar
10	Marayoor	Marayoor	25	Chattamunnar
		Kanthalloor	26	Pius Nagar
Central circle - Thrissur				
11	Chalakydy	Pariyaram	27	Kappathodu
		Palappilly	28	Parakadavu
		Vellikulangara	29	Mattathoor
12	Vazhachal	Charpa	30	Vazhachal
		Sholayar	31	Malakkappara
13	Malayattoor	Kalady	32	Karakkad
			33	Kadappara
		Kuttanpuzha	34	Thatttekadu
		Thundathil	35	Boothathankettu
Eastern circle - Palakkad				
14	Nenmara	Nellyampathy	36	Pothundi
		Kollengode	37	Gopalapuram
			38	Meenakshipuram
15	Palakkad	Walayar	39	Walayar
16	Mannarkkadu	Agali	40	Anakkatty
			41	Keralamedu
		Mannarkkadu	42	Anamooly
			43	Inchikunnu
17	Nilambur north	Vazhikkadavu	44	Anamari

Sl No.	Division	Range	Check post	
1	2	3	4	
18	Nilambur south	Karulai	45	Cherupuzha
Northern circle - Kannur				
19	Kannur	Kottiyoor	46	Iritty
20	Kasargode	Kanjangad	47	Kallar (Panathur)
		Kasargode	48	Thalappady
			49	Kottayadi
21	Wayanad (north)	Perya	50	Boys town
			51	Niravilpuzha
22	Wayanad (south)	Meppadi	52	Cholady
		Kalpetta	53	Lakkidy
ABP, Thiruvananthapuram				
23	Thiruvananthapuram	Peppara sanctuary	54	Kanithadam
24	Shenthurney	Shenthurney WLS	55	Kattilapara
FDPT, Kottayam				
25	Periyar east	Thekkady	56	Thekkady
		Vallakkadavu	57	Pachakkanam
			58	Anathodu
			59	Vallakkadavu
		Periyar	60	Vellimala
26	Periyar west	Pamba	61	Pachakkanam
27	Eravikulam	Eravikulam NP	62	Rajamala
		Chinnar WLS	63	Chinnar
			64	Karimutti
		Shola NP	65	Top station
66	Methappu			
28	Idukki	Idukki WL	67	Vanmavu
Wildlife, Palakkad				
29	Wayanadu WL	Muthanga	68	Muthanga
			69	Pazhoor
		Tholpetty	70	Tholpetty
			71	Bavali
		Kurichiat	72	Kuppadi
30	Parambikulam	Sungam	73	Anappadi
			74	Keerappadi
		Orukomban	75	Thuthanppara
31	Peechi	Chimmoni	76	Echippara

CHAPTER- V

FINANCE

Revenue and expenditure

The forest revenue realized during the year 2014-15 was ₹300.40 crores. The total expenditure incurred during the year was ₹456.07 crores.

The forest contributes substantially to the non-tax revenue of the State. The revenue from forestry sector by way of sale of timber and other forest produces comes to ₹289.21 crores in 2014-15. Major portion of the forest revenue was from timber. During 2014-15, ₹269.44 crores was collected towards revenue from the sale of timber alone which accounted for 89.69 % of the total forest revenue. The comparative position of revenue and expenditure for the year 2014-15 and 2013-14 is given in table 5.1

Table 5.1-The comparative position of revenue and expenditure

Year	Revenue	Expenditure(₹ in crores)		
		Plan	Non plan	Total
1	2	3	4	5
2014-2015	300.40	143.81	312.26	456.07
2013-2014	329.95	116.68	282.51	399.19

Revenue from timber & other forest products is shown in table 5.2

Table 5.2-Revenue from timber and other forest products

0406-01-101 Sale of timber and other forest produce

Sl No.	Head of account	₹ in lakhs
1	2	3
1	99 Timber	26943.949
2	98 Firewood and charcoal	94.136
3	97 Receipts from sale of forest produce coming under the Kerala private forest (vesting and assignment) act.	35.217
4	96 Receipts from forest development tax	1654.487
5	95 Receipts under Kerala forest produce	175.552

Sl No.	Head of account	₹ in lakhs
1	2	3
6	94 Other items	17.503
Total (101)		28920.844
0406-01-800 Other receipts		
1	99 Interests on arrears of forest revenue	56.483
2	98 Receipts from wildlife department	146.656
3	97 Scheme for provision of house sites and houses to landless workers in rural area - free supply of timber	0.000
4	96 Revenue realised from the KFDC on the sale proceeds of residual growth	14.357
5	95 Other items	841.876
6	94 Livestock	30.641
7	93 Integrated wasteland development programme	0.000
8	91 Receipts on account of lapsed and confiscated deposits	0.000
9	90 Forest land lease rent	61.369
Total (800)		1151.382
Grand total		30072.226
Refunds (0406-01-900-00)		32.076
Net revenue		30040.150

Forest development tax (FDT)

FDT is levied @ 5% on the sale proceeds of forest produce. After deducting the cost of collection of tax, balance amount was placed as additional budgetary source. During the year 2014-15 an amount of ₹1654.487 lakhs was collected as FDT. FDT realized for the period from 2010-2011 to 2014-2015 is shown in table 5.3

Table 5.3-Forest development tax realized for the period from 2010-11 to 2014-15

Sl No.	Year	Amount ₹ in lakhs
1	2	3
1	2010-2011	1345.730
2	2011-2012	1075.104

Sl No.	Year	Amount ₹ in lakhs
3	2012-2013	1109.785
4	2013-2014	1557.579
5	2014-2015	1654.487

Outstanding on account of forest revenue

An amount of ₹411.545 crores is outstanding on account of forest revenue at the end of the year 2014-15.

Outlay and expenditure

The outlay and expenditure during 2013-14 and 2014-15 is given in table 5.4

Table 5.4-Outlay and expenditure (₹in crores)

Schemes	2013-14		2014-15	
	Outlay	Expenditure	Outlay	Expenditure
1	2	3	4	5
State sector	132.35	98.08	160.00	120.34
Central sector	37.90	18.60	45.54	22.69
EAP*	-	-	0.78	0.78
Total (plan)	170.25	116.68	206.32	143.81
Non plan	296.82	282.51	322.59	312.26
Grand total	467.07	399.19	528.91	456.07

*Externally aided project

The plan expenditure under forestry sector during 2014-15 is ₹143.81 crores, which is 69.70 % of the total plan outlay. The expenditure incurred for Central sector schemes is ₹ 22.69 crores, under State sector schemes is ₹120.34 crores, and that under EAP is ₹ 0.78 crores.

Developments under 12th five year plan

The year 2014-15 is the third year of the 12th five year plan. The target and achievement is given in table 5.5

Table 5.5-Target and achievement during 2014-15 (□in Crores)

Year	Target	Achievement
1	2	3
2012-13	152.22	127.47
2013-14	170.25	116.68
2014-15	206.32	143.81

During the 3rd year of the XII five year plan, □206.32 crores were invested for various development programmes implemented by forestry sector. Out of this, an expenditure of □143.81 crores has been incurred.

The financial targets and achievements for various departmental schemes for the years 2012-13, 2013-14 and 2014-15 are given in table 5.6

Table 5.6-Target and achievement (financial) (2012-13, 2013-14 & 2014-15)

Schemes	(□in lakhs)					
	2012-13 & 2013-14		2014-15		Progressive total	
	Targets	Achievements	Targets	Achievements	Targets	Achievements
1	2	3	4	5	6	7
State sector schemes (A)						
Management of natural forests						
(a) Survey of forest boundaries	300	295.62	0	0	300	295.62
(b) Forest protection (Survey of forest boundaries & forest protection)	0	0	1625	1041.13	1625	1041.13
(c) Forest protection	3700	3654.18	1635	1596.29	5335	5250.47
(d) Regeneration of denuded forests	100	97.14	50	49.02	150	146.16
(e) Non-wood forest produce including promotion of medicinal plants	0	0	220	215.65	220	215.65

Schemes	(in lakhs)					
	2012-13 & 2013-14		2014-15		Progressive total	
	Targets	Achievements	Targets	Achievements	Targets	Achievements
1	2	3	4	5	6	7
State sector schemes (A)						
Improving productivity of plantations	1540	1520.89	940	931.35	2480	2452.24
Infrastructure development						
Roads	600	553.04	300	299.21	900	852.25
Buildings	800	786.90	500	499.35	1300	1286.25
Bio-diversity conservation and protected area management	4540.03	4253.12	3798.04	2990.81	8338.07	7243.93
Eco-tourism	905.01	854.06	682	668.48	1587.01	1522.54
Human resources development	450	449.05	300	302.78	750	751.83
Resources planning and research	100	106.74	50	47.50	150	154.24
Extension forestry	1650	1577.79	0	0	1650	1577.79
Extension community forestry & agro forestry	0	0	1300	1084.87	1300	1084.87
FM IS & GIS	250	249.98	100	82.73	350	332.71
Management of non-wood forest products	368	339.77	0	0	368	339.77
Works with assistance under rural infrastructure development fund	2200	1043.96	2500	812.57	4700	1856.53
13th finance commission award	3388	2671.13	0	0	3388	2671.13
Integrated forest Management	200	144.48	100	63.11	300	207.59
Measures to reduce man	1300	1228.25	1400	1291.10	2700	2519.35

Schemes	(in lakhs)					
	2012-13 & 2013-14		2014-15		Progressive total	
	Targets	Achievements	Targets	Achievements	Targets	Achievements
1	2	3	4	5	6	7
State sector schemes (A)						
animal conflict						
Zoological park,wildlife protection and research centre, Puthur	2750.01	537.14	500	58.33	3250.01	595.47
Total (A)	25141.05	20363.23	16000.04	12034.28	41141.09	32397.51
Break-up of centrally sponsored schemes(CSS) - (B)						
100% CSS	3516	1550.53	2256.58	1177.72	5772.58	2728.25
75% CSS (IFM)	600	433.43	300	189.34	900	622.77
50% CSS (Sanctuaries & national parks)	2990	2068.87	1998	902.47	4988	2971.34
Total CSS (B)	7106	4052.83	4554.58	2269.53	11660.58	6322.36
Biodiversity conservation and rural livelihood improvement project(EAP)	0	0	77.56	77.56	77.56	77.56
Total plan	32247.05	24416.06	20632.18	14381.37	52879.23	38797.43

Outlay and expenditure under plan schemes

During 2014-15, an expenditure of ₹14381.37 lakhs was incurred against the budget provision of ₹20632.18 lakhs. Details of budget head wise allotment and expenditure are shown in table 5.7.

Table 5.7- Achievements on plan schemes (financial) during 2014-15

Sl No.	Scheme & head of account	Financial (□ in lakhs)	
		Budget outlay	Expenditure
1	2	3	4
A. State sector schemes			
I	Management of natural forests		
1	Forest protection (2406-01-101-81)	1635.00	1596.29
2	Forest protection (Survey of forest boundaries & forest protection) (4406-01-101-99)	1625.00	1041.130
3	Regeneration of denuded forests(2406-01-101-94)	50.00	49.02
4	Non-wood forest produce including promotion of medicinal plants (2406-01-101-80)	220.00	215.65
Sub total		3530.00	2902.09
II	Improving productivity of plantations		
1	Hard wood species (4406-01-105-87)(1)	400.00	427.67
2	Industrial raw materials (4406-01-105-87)(2)	540.00	503.68
Sub total		940.00	931.35
III	Infrastructure development		
1	Roads (4406-01-070-99)	300.00	299.21
2	Buildings (4406-01-070-97)	500.00	499.35
Sub total		800.00	798.56
IV	Biodiversity conservation and PA management		
a	State sector (100%)		
1	Conservation of biodiversity (2406-02-110-68)	500.00	491.19
2	Eco development programme (2406-02-110-56)	300.00	289.49
3	Management of periyar and parambikulam tiger reserve(ACA)(24006-02-110-43)	1000.00	447.78
5	JICA aided project for rehabilitation & development of state forest training institute(2406-01-003-96)	0.01	0.00
6	Green India mission(2406-01-102-88)	0.01	0.00
7	Project tiger-Periyar(2406-02-110-42)(01)	0.01	0.00
8	Project tiger-Parambikulam(2406-02-110-42)(02)	0.01	0.00
Sub total		1800.04	1228.46
b	50% Centrally sponsored schemes		
1	Parambikulam game sanctuary (2406-02-110-98)	200.00	166.92
2	Neyyar game sanctuary (2406-02-110-97)	100.00	97.34
3	Wayanad game sanctuary (2406-02-110-96)	140.00	138.72
4	Development of national park at Eravikulam (2406-02-110-94)	130.00	130.95
5	Periyar tiger reserve (2406-02-110-93)	350.00	217.99

Sl No.	Scheme & head of account	Financial (□ in lakhs)	
		Budget outlay	Expenditure
1	2	3	4
6	Development of national park biosphere research at Silent valley (2406-02-110-91)	190.00	190.03
7	Wildlife sanctuary – Idukki(2406-02-110-90)	80.00	80.75
8	Wildlife sanctuary - Peechi, Vazhani (2406-02-110-89)	60.00	59.62
9	Wildlife sanctuary-Peppara (2406-02-110-88)	50.00	47.47
10	Wildlife sanctuary – Shendurney(2406-02-110-87)	50.00	52.54
11	Wildlife sanctuary - Chimmoney (2406-02-110-86)	50.00	47.35
12	Wildlife sanctuary - Aralam (2406-02-110-85)	90.00	86.03
13	Wildlife sanctuary -Chinnar (2406-02-110-84)	80.00	79.45
14	Bird sanctuary at Thattekkad (2406-02-110-83)	60.00	59.37
15	Development of Anamudi national park (2406-02-110-64)	50.00	42.80
16	Development of Mathikettan national park (2406-02-110-63)	47.00	43.17
17	Development of Pampadum national park (2406-02-110-62)	50.00	46.98
18	Mangalavanam bird sanctury (2406-02-110-61)	30.00	28.02
19	Kurinjalimala sanctury (2406-02-110-58)	25.00	24.27
20	Agasthyamala landscape project (2406-02-110-57)	1.00	0.00
21	Chulannur peacock sanctuary (2406-02-110-54)	30.00	29.75
22	Malabar wildlife sanctuary (2406-02-110-53)	35.00	33.02
23	Kottiyoor wildlife sanctuary (2406-02-110-45)	60.00	59.81
24	Kadalundi-vallikkunn community reserve (2406-02-110-44)	40.00	0.00
Sub total		1998.00	1762.35
V	Eco-tourism(4406-01-800-91)	682.00	668.48
VI	Human resource development		
1	Training (2406-01-003-97)	300.00	302.78
VII	Resource planning & research (2406-01-004-92)	50.00	47.50
VIII	FMIS&GIS (2406-01-800-57)	100.00	82.73
IX	Extension community forestry & agro forestry (2406-01-800-55)	1300.00	1084.87
X	Works with assistance from RIDF (4406-01-800-90)	2500.00	812.57
XI	Measures to reduce man animal conflict (2406-01-800-56)	1400.00	1291.10
XII	Zoological park, wildlife protection and research centre, Puthur (2406-02-110-48)	500.00	58.33
XII	Intensification of forest management scheme (2406-01-800-61) (25%State)	100.00	63.11
Total (A)		16000.04	12034.28
B. Centrally sponsored schemes having 50% central share			
1	Parambikulam game sanctuary (2406-02-110-98)	200.00	231.15

Sl No.	Scheme & head of account	Financial (in lakhs)	
		Budget outlay	Expenditure
1	2	3	4
2	Neyyar game sanctuary (2406-02-110-97)	100.00	21.29
3	Wayanad game s(2406-02-110-96)	140.00	40.44
4	Development of nationalpPark at Eravikulam (2406-02-110-94)	130.00	27.81
5	Periyar tiger reserve (2406-02-110-93)	350.00	296.55
6	Development of national park biosphere research at Silent valley (2406-02-110-91)	190.00	29.28
7	Wildlife sanctuary - Idukki (2406-02-110-90)	80.00	26.51
8	Wildlife sanctuary – Peechi , Vazhani (2406-02-110-89)	60.00	24.87
9	Wildlife sanctuary - Peppara (2406-02-110-88)	50.00	23.45
10	Wildlife sanctuary - Shendurney (2406-02-110-87)	50.00	19.86
11	Wildlife sanctuary - Chimmoney (2406-02-110-86)	50.00	22.57
12	Wildlife sanctuary - Aralam (2406-02-110-85)	90.00	23.84
13	Wildlife sanctuary - Chinnar (2406-02-110-84)	80.00	21.21
14	Bird sanctuary at Thattekkad (2406-02-110-83)	60.00	12.82
15	Development of Anamudi national park (2406-02-110-64)	50.00	9.60
16	Development of Mathikettan national park (2406-02-110-63)	47.00	13.26
17	Development of Pampadum national park (2406-02-110-62)	50.00	13.00
18	Mangalavanam bird sanctury (2406-02-110-61)	30.00	0.95
19	Kurinjimala sanctury (2406-02-110-58)	25.00	12.80
20	Agasthyamala lanscape project (2406-02-110-57)	1.00	0.00
21	Chulannur peacock sanctuary (2406-02-110-54)	30.00	5.23
22	Malabar wildlife sanctuary (2406-02-110-53)	35.00	13.98
23	Kottiyoor wildlife sanctuary (2406-02-110-45)	60.00	12.00
24	Kadalundi-Vallikkunn community reserve (2406-02-110-44)	40.00	0.00
50% CSS total (B)		1998.00	902.47
C. Centrally sponsored schemes having 75% central share			
1.	Intensification of forest management scheme (2406-01-800-61)	300.00	189.34
D. Centrally sponsored schemes having 100% central share			
1	Nilgiri biosphere reserve (2406-02-110-80)	200.00	98.54
2	Project elephant (2406-02-110-71)	400.00	240.12
3	Agasthyamala biosphere reserve(2406-02-110-66)	250.00	100.29

Sl No.	Scheme & head of account	Financial (□ in lakhs)	
		Budget outlay	Expenditure
1	2	3	4
4	Wetland conservation (2406-01-800-60)	125.00	11.20
5	Integrated development of wildlife habitats to Wayanad wildlife for voluntary relocation of settlements from PA (2406-02-110-49)	1000.00	446.00
6	National afforestation programme (2406-01-102-89)	281.58	281.57
100% CSS total (D)		2256.58	1177.72
Total (Central sector)		4554.58	2269.53
Biodiversity conservation and rural livelihood improvement project(EAP)		77.56	77.56
Grand total (State sector+Central sector+EAP)		20632.18	14381.37

Outlay and expenditure under non-plan schemes

An expenditure of □31225.703 lakhs was incurred against the budget provision of □32259.480 lakhs during 2014-15. Details on budget head wise allotment and expenditure are shown in table 5.8.

Table 5.8-Achievements on non-plan schemes (financial) during 2014-15

Sl No.	Scheme & head of account	2014-2015 (□ in Lakhs)	
		Outlay	Expenditure
1	2	3	4
I	Direction & administration (2406-01-001)		
1	Office of the chief conservator of forests (2406-01-001-99)	1260.45	1131.32
2	Office of the conservator of forests (2406-01-001-98)- circle office	634.27	503.97
3	Working plan & research circle (2406-01-001-97)	76.75	45.88
4	Vigilance & evaluation wing (2406-01-001-96)	1355.20	1140.08
5	District offices (2406-01-001-95)	8144.93	8386.61
6	Statistical cell (2406-01-001-94)	24.32	4.81
7	Timber sales division (2406-01-001-93)	501.26	454.56
8	FD Fund collection of add. tax on sales of forest produce (2406-01-001-92)	0.01	0.10
Sub total		11997.19	11667.33
II	Statistics (2406-01-013)		
1	Planning & statistical cell (2406-01-013-99)	140.85	120.26
Sub total		140.85	120.26

Sl No.	Scheme & head of account	2014-2015 (□in Lakhs)	
		Outlay	Expenditure
1	2	3	4
III	Communication & buildings (2406-01-070)		
1	Roads & bridges (2406-01-070-99)	50.00	44.62
2	Buildings (2406-01-070-98)	90.51	79.90
Sub total		140.51	124.52
IV	Forest conservation development & regeneration (2406-01-101)		
1	Forest consolidation & acquisition of private forests(2406-01-101-99)	2985.65	2793.99
2	Working plans, evaluation survey, etc. (2406-01-101-98)	2.50	1.23
3	Silvicultural works (2406-01-101-97)	8.00	6.54
4	Fire protection work (2406-01-101-96)	23.17	12.35
5	Compensatory afforestation (2406-01-101-92)	299.00	18.73
6	Amount met out of KFDF for planting softwood trees (2406-01-101-91)	180.00	173.04
7	Transfer to the fund for TEAK under the Kerala forest revolving fund for teak and pulpwood rules,1999 (2406-01-101-90)	741.05	740.64
8	Transfer to the fund for PULPWOOD under the Kerala forest revolving fund for teak and pulpwood rules,1999 (2406-01-101-89)	881.11	881.11
9	Priority scheme under 13 th finance commission award (2406-01-101-84)	3388.00	3639.63
10	Forest protection (2406-01-101-81)	3307.00	3166.66
Sub total		11815.48	11433.92
V	Social & farm forestry (2406-01-102)		
1	Plantation of fast growing species (2406-01-102-99)	307.38	239.76
2	Ecology development world bank assisted social forestry (2406-01-102-98)	1943.58	1825.71
3	Ecology development world bank assisted social forestry, phase-II (2406-01-102-92)	147.69	110.47
Sub total		2398.65	2175.94
VI	Forest produces (2406-01-105)		
1	Timber & other produces removed by Govt. agencies (2406-01-105-99)	2100.00	2099.59
2	Firewood & charcoal removed by Govt. agencies (2406-01-105-98)	12.50	13.34
3	Other produce removed by Govt. agencies (2406-01-105-97)	0.08	0.02
4	Timber & other produces removed by consumers (2406-01-105-96)	0.07	0.00

Sl No.	Scheme & head of account	2014-2015 (in Lakhs)	
		Outlay	Expenditure
1	2	3	4
5	Confiscated forest produce drift wood, etc. (2406-01-105-95)	2.00	1.12
6	Livestock (2406-01-105-94)	224.64	219.97
7	Miscellaneous advance suspense (2406-01-105-93)	33.00	5.50
8	Teakwood (2406-01-105-92)	471.89	662.20
9	Softwood (2406-01-105-91)	57.48	74.14
Sub total		2901.66	3075.88
VII	Education & training (2406-01-003)		
1	Training (2406-01-003-99)	274.64	253.11
Sub total		274.64	253.11
VIII	Forest research (2406-01-004)		
1	Payment out of the KFDF for forest research (2406-01-004-95)	93.60	42.79
2	Forest research & training (2406-01-004-99)	53.02	42.40
Sub total		146.62	85.19
IX	Survey and utilization of forest resources (2406-01-005)		
1	Forest resources survey (2406-01-005-99)	57.78	28.87
2	Survey of forest boundaries (2406-01-005-98)	169.01	150.85
Sub total		226.79	179.72
X	Other expenditure (2406-01-800)		
1	Forest publicity(2406-01-800-98)	71.31	40.93
2	Intensification of forest management (2406-01-800-93)	144.07	104.46
3	Relief to victims affected by the attack of wild animals (2406-01-800-92)	150.00	210.94
4	Rewards to informants (2406-01-800-91)	0.75	0.29
5	Subsidy to KFDC (2406-01-800-72)	0.01	0.00
Sub total		366.14	356.62
XI	Wildlife preservation (2406-02-110)		
1	Wildlife preservation(2406-02-110-99)	1128.47	1220.32
2	Periyar tiger reserve project(2406-02-110-93)	155.20	170.10
3	Conservation of bio-diversity (2406-02-110-68)	393.37	300.55
4	Grand-in-aid-general-salary(2406-02-110-31)	0.01	0.00
5	Eco-development global environmental facilities (2406-02-110-69)	173.90	62.24
Sub total		1850.95	1753.21
Grand total		32259.48	31225.70

Funds received directly from Government of India:-The scheme-wise funds received directly from Government of India and the expenditure incurred during 2014-15 is given in table 5.9.

Table 5.9-Expenditure on funds received directly from Govt. of India

Scheme	Amount released (₹ in lakhs)			Expenditure incurred (₹ in Lakhs)		
	Till 31 st march 2014	During 2014-15	Total	Till 31 st march 2014	During 2014-15	Total
1	2	3	4	5	6	7
NMPB	657.33	0.00	657.33	449.40	83.82	533.22
WGDP	954.47	121.16	1075.63	694.96	85.32	780.28
CAMPA	311.52	454.06	765.58	248.88	275.58	524.46

Table 5.10 Abstract of revenue and expenditure during the years 2010-2011 to 2014-2015 (₹ in lakhs)

Year	Revenue	Plan			Non-plan			Total		
		Budget estimate	Revised budget estimate	Expenditure	Budget estimate	Revised budget estimate	Expenditure	Budget estimate	Revised budget estimate	Expenditure
1	2	3	4	5	6	7	8	9	10	11
2010-11	27409.589	10319.33	10319.33	6475.77	16646.09	16646.09	14971.82	26965.42	26965.42	21447.59
2011-12	22052.417	10747.44	11231.64	9421.90	21029.40	21078.91	20431.49	31776.84	32310.55	29853.39
2012-13	23733.270	14582.00	15222.04	12747.6	24578.41	24578.41	24576.06	39160.41	39800.45	37323.66
2013-14	32994.847	19813.00	17025.010	11668.469	26450.38	29681.540	28250.864	46263.380	46706.550	39919.333
2014-15	30040.150	19273.02	20632.18	14381.37	32227.52	32259.48	31225.70	51500.54	52891.66	45607.07

Table 5.11-Consolidation of forest boundaries (Construction of cairns and stonewall) from 2010-2011 to 2014-2015

Year	Cairns		Stone Wall/Kayyala		Total expenditure (₹in Lakhs)
	Numbers	Expenditure (₹in Lakhs)	Length (Kms)	Expenditure(₹ in Lakhs)	
1	2	3	4	5	6
All schemes					
2010-2011	2,869	60.679	14.642	13.342	74.021
2011-2012	2,214	82.248	4.213	15.854	98.102
2012-2013	2383	83.436	4.659	34.843	118.279
2013-2014	3208	128.1884	6.6289	35.42226	163.6107
2014-2015	5061	207.809	6.330	49.018	256.827

CHAPTER – VI
FOREST OFFENCES

Cases booked: Abstract of number of cases booked under various acts is given in table 6.1.

Table 6.1-Abstract of number of cases booked

Cases	Upto 2014	During 2015	Total upto 2015
1	2	3	4
Under KF* Act	35143	695	35838
Under WLP** Act	2233	227	2460
61 A cases	1882	53	1935
Other Acts	4192	157	4349
Total	43450	1132	44582

*KF Act-Kerala forest Act, ** WLP Act-Wildlife protection Act

Cases disposed: Circle wise number of cases disposed upto 2015 is given in table 6.2.

Table 6.2-Circle wise number of cases disposed

Sl No.	Circle	Disposed upto 2013	Disposed during 2014	Total disposed upto 2014
1	2	3	4	5
1	Southern circle, Kollam	1413	44	1457
2	High range Circle, Kottayam	3257	19	3276
3	Central circle, Thrissur	1390	5	1395
4	Eastern circle, Palakkad	5859	86	5945
5	Northern circle, Kannur	1768	15	1783
6	ABP,Thiruvananthapuram	48	0	48
7	FDPT, Kottayam	250	2	252
8	WL, Palakkad	425	1	426
Total		14410	172	14582

Cases charged in the court: Circle wise cases charged in the court upto 2015 are given in table 6.3.

Table 6.3-Circle wise cases charged in the court upto 2015

Sl No.	Circle	No. of cases upto 2014	No. of cases during 2015	No. of cases upto 2015
1	2	3	4	5
1	Southern circle, Kollam	985	27	1012
2	High range circle, Kottayam	12302	38	12340
3	Central circle, Thrissur	1341	13	1354
4	Eastern circle, Palakkad	3354	10	3364
5	Northern circle, Kannur	1986	32	2018
6	ABP,Thiruvananthapuram	139	3	142
7	FDPT, Kottayam	627	10	637
8	WL, Palakkad	397	1	398
Total		21131	134	21265

Cases pending: Circle wise cases pending with department upto 2015 are given in table 6.4

Table 6.4-Circle wise cases pending with department upto 2015

Sl No.	Circle	No. of cases upto 2014	No. of cases during 2015	No. of cases upto 2015
1	2	3	4	5
1	Southern circle, Kollam	1145	119	1264
2	High range circle, Kottayam	2607	205	2812
3	Central circle, Thrissur	789	114	903
4	Eastern circle, Palakkad	1942	168	2110
5	Northern circle, Kannur	831	158	989
6	ABP,Thiruvananthapuram	54	7	61
7	FDPT, Kottayam	361	20	381
8	WL, Palakkad	180	35	215
Total		7909	826	8735

Cases booked: Circle wise cases booked under various Acts upto 2015 are given in table 6.5

Table 6.5-Circle wise number of cases booked under various Acts

SI No.	Circle	No. of cases booked											
		Under KF Act upto 2014	KF Act during 2015	KF Act at the end of 2015	Under WLP Act upto 2014	WLP Act during 2015	WLP Act at the end of 2015	Other Acts upto 2014	Other Acts during 2015	Other Act at the end of 2015	No. of 61A cases upto 2014	61 A cases during 2015	61 A cases at the end of 2015
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	SC, Kollam	2867	105	2972	390	62	452	167	16	183	119	7	126
2	HRC, Kottayam	14852	159	15011	230	26	256	2543	67	2610	541	10	551
3	CC, Thrissur	2837	61	2898	441	49	490	140	14	154	102	8	110
4	EC, Palakkad	9453	210	9663	470	25	495	824	22	846	408	7	415
5	NC, Kannur	3087	115	3202	404	48	452	440	24	464	654	18	672
6	ABP,Thiruvananthapuram	189	5	194	47	5	52	3	0	3	2	0	2
7	FDPT,Kottayam	1116	18	1134	85	6	91	18	7	25	19	1	20
8	WL,Palakkad	742	22	764	166	6	172	57	7	64	37	2	39
Total		35143	695	35838	2233	227	2460	4192	157	4349	1882	53	1935

CHAPTER- VII

WILDLIFE CONSERVATION

Wildlife sanctuaries & National parks

During the year 2014-2015, Kerala has 3213.24Km² of forests under protected areas which includes 5 national parks, 17 wildlife sanctuaries (includes 2 tiger reserves, 2 bird sanctuaries, 1 peafowl sanctuary) and one Community Reserve which forms 28% of the total forest area. The list of wildlife sanctuaries, national parks, and Community Reserve & biosphere reserve are given in table 7.1.

Table 7.1-List of Wildlife Sanctuaries, National Parks, Community Reserves and Biosphere Reserves

Sl No.	Name	Area (Km ²)	Year of formation
1	2	3	4
National Parks			
1	Eravikulam national park	97.000	1978
2	Silent valley national park *	237.520	1984
3	Anamudi shola national park	7.500	2003
4	Mathikettan shola national park	12.817	2003
5	Pambadum shola national park	1.318	2003
Wildlife Sanctuaries			
1	Periyar WLS (Tiger reserve) **	925.000	1950
2	Neyyar WLS	128.000	1958
3	Peechi - Vazhani wildlife sanctuary	125.000	1958
4	Parambikulam WLS (Tiger reserve) ***	643.660	1973
5	Wayanad WLS	344.440	1973
6	Idukki WLS	70.000	1976
7	Peppara WLS	53.000	1983
8	Thattekkad bird sanctuary	25.000	1983
9	Shenduruney WLS	171.000	1984
10	Chinnar WLS	90.440	1984
11	Chimmony WLS	85.000	1984
12	Aralam WLS	55.000	1984
13	Mangalavanam bird sanctury	0.0274	2004
14	Kurinjimala sanctuary	32.000	2006
15	Choolannur pea fowl sanctuary ****	3.420	2007
16	Malabar sanctuary	74.215	2009
17	Kottiyoor WLS	30.3798	2011
Total		3211.7372	
Community Reserve			
1	Kadalundi-Vallikunnu Community Reserve	1.500	2007
Biosphere Reserve			
1	Agasthyamala biosphere reserve	1828.00	2001
2	Nilgiri biosphere reserve	1455.40	1986

*Includes 148 Km² of buffer zone added during 2007.

** Includes 148 Km² of critical tiger core area from Goodrical range.

*** Includes core or critical tiger habitat (390.89 Km²) & buffer zone (252.77 Km²).

**** These area are under the administrative control of DFO, Kozhikode.

Status of management plans: Status on management plans as on 31.03.2015 is given in table 7.2.

Table 7.2- Status of management plan

Sl No.	Name	Area (km²)	Status
1	2	3	4
1	Eravikulam national park	97.000	Valid upto 03.2022
2	Silent valley national park	237.520	Valid upto 03.2022
3	Anamudi shola national park	7.500	Valid upto 03.2020
4	Mathikettan shola national park	12.817	Valid upto 03.2020
5	Pambadum shola national park	1.318	Valid upto 03.2020
6	Periyar tiger reserve	925.000	Valid upto 03.2022
7	Neyyar WLS	128.000	Valid upto 03.2022
8	Peechi - Vazhani wildlife sanctuary	125.000	Valid upto 03.2022
9	Parambikulam W L S (Tiger reserve)	643.660	Valid upto 03.2021
10	Wayanad WLS	344.440	Valid upto 03.2022
11	Idukki WLS	70.000	Valid upto 03.2022
12	Peppara WLS	53.000	Valid upto 03.2022
13	Thattekkad bird sanctuary	25.000	Valid upto 03.2022
14	Shenduruney WLS	171.000	Valid upto 03.2022
15	Chinnar WLS	90.440	Valid upto 03.2022
16	Chimmony WLS	85.000	Valid upto 03.2022
17	Aralam WLS	55.000	Valid upto 03.2022
18	Mangalavanam bird sanctury	0.027	Valid upto 03.2020
19	Kurinjimala sanctuary	32.000	Valid upto 03.2022
20	Choolannur pea fowl sanctuary	3.420	Valid upto 03.2022
21	Malabar sanctuary	74.215	Valid upto 03.2020
22	Kadalundi - Vallikunnu Community Reserve	1.500	Valid upto 03.2020
23	Kottiyoor wildlife sanctuary	30.380	Valid upto 03.2023
Total		3213.2372	

Compensation paid to victims of wildlife attack

The Kerala forest department provides compensation to the victims of attack by wild animals vide 'Kerala rules for payment of compensation to victims of attack by wild animals 1980' and as per the amendments to it from time to time. During 2014-15, a total of ₹ 782.46 lakhs have been distributed to the victims of wildlife attack in various districts of the State.

Details of man-animal conflict incidents

Details of incidents of man-animal conflict, crop loss, cattle lifting and cattle death reported in Kerala during 2014-15 are given in table 7.3

Table 7.3-Details of man-animal conflict incidents

Human death		Human injury	Crop loss	Property loss	Cattle lifting	Cattle death	Others
By wildlife attack	By snake bite						
1	2	3	4	5	6	7	8
21	128	516	6583	91	330	23	2

Wildlife Census

A general wildlife census has been conducted from 18th to 20th May 2011 in collaboration with Kerala forest research institute (KFRI), Peechi, Thrissur. Last general wildlife census was conducted during 2002 and previously during 1993 and 1997. The estimated number of major species is given in table 7.4.

Table 7.4-Species wise number of animals

Sl No.	Species	No. of animals (1993)	No. of animals (1997)	No. of animals (2002)	No. of animals (2011)
1	2	3	4	5	6
1	Elephant	4286	5737	6965	7490
2	Gaur	4840	4151	14787	17860
3	Malabar giant squirrel	1384	63474	88919	..
4	Nilgiri langur	2987	24809	51517	..
5	Sambar	10665	13661	30414	32148
6	Spotted deer	6259	14881	38391	11398
7	Wild boar	40963	40425	60940	48034
8	Nilgiri tahr	1075	1008	902	..
9	Tiger	76	73	71±7	..

Tiger Census : Monitoring of tigers, co-predators, their prey and habitats was carried out in the forests of Kerala as part of the all India tiger estimation, as per the guidelines issued by National Tiger Conservation Authority (**NTCA**) from 16th to 23rd December 2013. The status report of tigers in India published by the ministry of environment, forest and climate change (**MoEF&CC**) shows that the population of tigers in Kerala has increased to 136 from the population of 112 in 2010. The report states that the tiger population and occupancy has shown a substantial increase in Western Ghats landscape.

A comparison of the population of tigers as per the past estimations is given in table 7.5.

Table 7.5-Tiger Census

Estimated Tiger population in Kerala						
Year	1993	1997	2002	2006	2010	2014
Number	76	73	71	46	112	136

Elephant Census

Estimation of population has been carried out exclusively for elephants under the (PE) project elephant scheme during 2005, 2007, 2010 and 2012. The process has been conducted simultaneously in all the South Indian States. The estimated number of elephants in the State during 2005, 2007, 2010 and 2012 are 5135, 6068, 6026 and 6177 respectively.

The details of elephant population based on previous year's estimation exclusive for elephants are given below in table 7.6

Table 7.6-Elephant Census

Sl No.	Item	No. of animals (2005)	No. of animals (2007)	No. of animals (2010)	No. of animals (2012)
1	2	3	4	5	6
1	No. of elephants	5135	6068	6026	6177
2	Male:Female	1:3.38	1:2.96	1:2.71	1:1.68

Wild elephant Census, 2010

Estimated population of elephants in different forest divisions of Kerala is given in table 7.7.

Table 7.7-Estimated population of elephants

Sl No.	Protected area / Territorial forest division	No. of elephants sighted in the sampled blocks	Estimated elephant density (No. / km²)
1	2	3	4
Territorial division			
1	Thiruvananthapuram	88	0.4442
2	Thenmala	0	0.0000
3	Punalur	37	0.4395
4	Achenkovil	51	0.3178
5	Konni	43	0.2577
6	Ranni	186	0.4378
7	Kottayam	7	0.0749
8	Marayoor	0	0.0000
9	Mankulam	1	0.0794
10	Kothamangalam	4	0.0966
11	Malayattoor	284	1.2525
12	Munnar	9	0.0745
13	Vazhachal	100	0.7171
14	Chalakydy	30	0.2699
15	Nenmara	4	0.0550
16	Palakkad	17	0.2764
17	Mannarkad	16	0.9385
18	Nilambur south	33	0.1924
19	Nilambur north	73	0.2536
20	Kozhikode	26	0.2494
21	Kannur	14	0.1220
22	Wayanad south	42	0.2521
23	Wayanad north	33	0.3116
Protected area			
1	ABP special division	0	0.0000
2	Thiruvananthapuram WL	39	0.2981
3	Shendurney WLS	107	0.8931
4	Periyar tiger reserve	211	0.5430
5	Munnar WL	29	0.1951
6	Idukki WL	83	1.2976
7	Peechi WL	38	0.5184

Sl No.	Protected area / Territorial forest division	No. of elephants sighted in the sampled blocks	Estimated elephant density (No. / km²)
1	2	3	4
8	Parambikulam WLS	74	0.5440
9	Silent valley NP	1	0.0100
10	Aralam WLS	7	0.2461
11	Wayanad WLS	224	2.0718

Source: KFRI, Peechi

Captive elephants

Total number of captive elephants in the state is 705. Out of this, 679 elephants are privately owned and 26 elephants are owned by the department. The number private and department owned elephants implanted with microchip are 601 and 18 respectively. So far, 168 deaths of captive elephants are reported in the State.

Details of captive elephants as on 31.03.2015 are shown in table 7.8

Table 7.8- Details of captive elephants as on 31.03.2015

No. of elephants implanted with microchip		No. of elephants not implanted with microchip		No. of elephants dead	
Privately owned	Department owned	Privately owned	Department owned	Privately owned	Department owned
1	2	3	4	5	6
601	18	78	8	165	3

Elephants under possession of the department

Division wise number of elephants under possession as on 31.03.2015 is given in table 7.9.

Table 7.9-Division wise number of elephants under possession

Sl No.	Division	Number of elephants
1	2	3
1	Konni	8
2	Malayattoor	6
3	Thiruvananthapuram Wildlife	10
4	Wayanad Wildlife	2
Total		26

Departmental elephants implanted with micro-chip

Details of departmental elephants implanted with micro-chip as on 31.03.2015 are given in table 7.10.

Table 7.10-Departmental elephants implanted with micro-chip

Division	Sl. No	Elephant	Micro-chip number	Age (Years)	Sex	Height (cm)
1	2	3	4	5	6	7
Konni	1	Soman	00065DB7B1	70	Male	283
	2	Priyadarshini	00065EA5AF	29	Female	252
	3	Meena	000658C223	22	Female	258
	4	Surendran	00065D7F6D	14	Male	255
	5	Eva	00065DC7EQ	11	Female	237
Malayattoor	6	Sunitha	00065EAE98	43	Female	260
	7	Neelakandan	00065EA6E9	19	Male	276
	8	Asha	000658E6DD	11	Female	187
	9	Parvathy	00065EB28E	9	Female	182
	10	Anjana	00065EA472	9	Female	165
	11	Hariprasad	961001000003890	41	Male	
Thiruvananthapuram(WL)	12	Moni	00065EBD04	67	Male	280
	13	Jayasree	00065DA3H	42	Female	244
	14	Ammu	0006SD9SES	12	Female	225
	15	Minna	000658BFeF	13	Female	223
	16	Rajkumar	00065EB67D	38	Makhana	270
Wayanad (WL)	17	Surya	00065DAEE3	22	Male	177
	18	Kunju	000658eF80e	24	Male	285

Nilgiri tahr Census

Details of estimations of Nilgiri tahr are given in table 7.11

Table 7.11-Estimated population of Nilgiri tahr

Year	Population of Nilgiri tahr
1	2
2008	743
2009	747
2010	776
2011	831
2012	789
2013	879
2014	894

Elephant corridors:

Details of elephant corridors are given in table 7.12

Table 7.12- List of elephant corridors

SI No.	Name of the corridor	Area	Forest type	Legal status	Major land use	Habitations in corridor	Villages dependent on corridors
1	2	3	4	5	6	7	8
1	Nilambur Kovilakom –New Amarambalam(Vazhikkada vu) Nilambur North Division	Length: 1 Km Width:0.5 Km	Tropical Semi evergreen	RF	Forest & plantation	Nil	Vazhikkadaavu & Karakkodu
2	Periyaat Pakranthalam North Wayanad Division	Length: 0.5 Km Width:0.2 Km	Tropical moist Deciduous	RF	Forest, Fallow land & Settlement	Pakranthalam & Panoth	Pakranthalam, Panoth& Niravil puzha
3	Tirunelli- Kudrakote North Wayanad Division	Length:6 Km Width:1-1.5 Km	Tropical moist Deciduous & Teak plantation	RF with small part as patta lands	Forest settlements, agriculture & plantation	Edayurvayal	Appapara, Vaduvakkalim, Edayurvayal, Pulayankolli, Thirunelli, Padaladi
4	Kottiyoor-Periya Kannur North Wayanad Division	Length:0.5 Km Width:0.1 Km	Tropical Semi evergreen	RF	Forest settlement	Periya, Pokkottu-Chapparam, Chandanathodu & CRP Kunnu	Periya, Pokkottu-Chapparam, Chandanathodu, CRP Kunnu&Alatti

CHAPTEER- VIII

OTHER VITAL INFORMATION ON FORESTRY

Status of working plans

Working plan is the main instrument of forest management and is defined as a written scheme of management aiming at continuity of policy (normally for a period of 10 years) controlling the treatment of forest. The status of working plans as on 31.03.2015 is given in table 8.1.

Table 8.1-Status of working plan as on 31.03.2015

Sl No.	Division	Valid till	Status
1	2	3	4
1	Thiruvananthapuram	31.03.2014	Field work started. Management plan for 2 years, 2014-15 and 2015-16 are approved by GOI.
2	Thenmala	31.03.2019	Working plan is current.
3	Achenkoil	31.03.2018	Working plan is current.
4	Punalur	31.03.2021	Working plan is current.
5	Ranni	31.03.2012	Field work completed. Draft working plan for 10 years from 2015-16 is submitted to GOI on 10.04.2015. Management plan was got approved till 31.03.2015.
6	Konni	31.03.2011	Field work completed. Draft working plan for 10 years from 2015-16 is submitted to GOI on 10.04.2015. Management plan was got approved till 31.03.2015.
7	Kottayam	31.03.2015	Field work in progress.
8	Kothamangalam	31.03.2012	Management plan was got approved till 31.03.2015.
9	Munnar	31.03.2020	Working plan is current.
10	Marayoor	31.03.2020	Working plan is current.
11	Mankulam	31.03.2022	Working plan is current.
12	Thrissur	31.03.2024	Working plan is current.
13	Chalakyudy	31.03.2015	Field work in progress.
14	Vazhachal	31.03.2013	Field work started. Management plan for 2 years, 2014-15 and 2015-16 are approved by GOI.
15	Malayattoor	31.03.2012	Field work in progress.

Sl No.	Division	Valid till	Status
1	2	3	4
16	Palakkad	31.03.2019	Working plan is current.
17	Nilambur (N)	31.03.2011	Field work completed. Draft working plan for 10 years from 2015-16 is submitted to GOI on 10.04.2015.
18	Nilambur (S)	31.03.2024	Working plan is current.
19	Nenmara	31.03.2013	Field work is in progress. Management plan was got approved till 31.03.2015.
20	Mannarkad	31.03.2023	Working plan is current.
21	Kozhikode	31.03.2021	Working plan is current.
22	Kannur	31.03.2023	Working plan is current.
23	Wayanad (N)	31.03.2011	Final working plan was submitted to GOI for approval in october 2014.
24	Wayanad (S)	31.03.2023	Working plan is current.
25	Kasargod	31.03.2023	Working plan is current.

Forest fire statistics

During the year 2014-2015 a total of 339 no. of incidents relating to forest fire have been reported amounting for a total destruction of 1696.419 ha of forest area causing financial loss of ₹111175/-.The forest fire incidents reported, area affected and financial loss from 2010-2011 to 2014-2015 are given in table 8.2.

Table 8.2-Details of fire incidents

Year	Number of incidents	Area destroyed by fire (ha)	Financial loss(₹)
1	2	3	4
2010-2011	460	2364.414	67895
2011-2012	1017	5640.263	188525
2012-2013	564	2359.675	103606
2013-2014	525	2633.15	246300
2014-2015	339	1696.419	111175

Seedlings: Species wise number of seedlings raised during 2014-2015 is given in table 8.3.

Table 8.3-Species wise number of seedlings (in lakhs)

Sl No.	Division	Teak	Mahogany	Sandal wood	Cane	Accacia	Accacia mangium	Medicinal plants	Mangrove	Casurina	Other hardwood	Bamboo	Eucalyptus	Misc.	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	0.500	0.250					0.375			0.500			0.850	2.475
2	Thenmala	4.064	0.073			7.200	4.400						4.400	0.201	20.337
3	Punalur	0.670									0.400			0.365	1.435
4	Achencoil	0.270										0.450		0.500	1.220
5	Ranni	1.100													1.100
6	Konni	0.800													0.800
7	Munnar										0.175				0.175
8	Mankulam				0.080							0.110			0.190
9	Kottayam	2.500							0.045						2.545
10	Chalakydy	4.490				2.500								0.500	7.490
11	Vazhachal				0.250			0.125						0.225	0.600
12	Thrissur							0.408							0.408
13	Nilmbur north	5.216										0.250		0.075	5.541
14	Nilmbur south	0.274													0.274
15	Nenmara													0.550	0.550
16	Kozhikode							0.200							0.200
14	Kannur	1.550	0.350	0.050			0.200	0.275	0.100			0.150		0.775	3.450

Sl No.	Division	Teak	Mahogany	Sandal wood	Cane	Accacia	Accacia mangium	Medicinal plants	Mangrove	Casurina	Other hardwood	Bamboo	Eucalyptus	Misc.	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
17	Kasargode	3.500				0.850								0.400	4.750
18	Wayanad south				0.150							0.950		0.100	1.200
19	S F, Tvpm		0.983	0.375								0.229		4.512	6.100
20	SF, Kollam	0.600	1.143	0.271								0.549		4.594	7.155
21	SF,Pathanamthitta	1.200	0.742	0.208								0.350		3.901	6.400
22	SF, Alapuzha	1.446	0.685	0.200					0.185			0.320		5.925	8.761
23	SF, Kottayam	0.600	1.138	0.386					0.018			0.278		4.373	6.793
24	SF, Idukki		0.970	0.070								0.240		1.782	3.062
25	SF, Ernakulam		0.913	0.064								0.100		2.023	3.100
26	SF, Thrissur	0.384	1.380	0.137								0.075		2.032	4.008
27	SF, Palakkad	0.300	1.465	0.089								0.172		2.775	4.800
28	SF, Malappuram		1.875									0.200		3.425	5.500
29	SF, Kozhikkode	0.025	0.826	0.202								0.425		3.452	4.930
30	SF, Wayanad		0.670	0.071								0.649		2.860	4.250
31	SF, Kannur	0.175	0.750	0.091								0.225		3.920	5.160
32	SF, Kasaragode	0.100	1.155	0.050								0.060		4.020	5.385
Total		29.764	15.367	2.263	0.480	10.550	4.600	1.383	0.348	0.000	1.075	5.782	4.400	54.133	130.144

Tribal settlements

A total of 791 tribal settlements are distributed in 33 divisions of Kerala forest department. Abstract of tribal settlement in forests is shown in table 8.4.

Table 8.4-Abstract of tribal settlements

No of divisions	No. of settlements	No. of families	Area (ha)
1	2	3	4
33	791	29308	22049.577

Circle wise details of tribal settlements, area and no. of families are given in table 8.5.

Table 8.5-Circle / Division wise details of tribal settlements

Sl No.	Division	No. of settlements	No. of families	Extent (ha)
1	2	3	4	5
I	Southern circle,Kollam			
1	Thiruvananthapuram	142	3311	3390.547
2	Thenmala	8	342	415.680
3	Punalur	10	693	230.379
4	Achenkovil	1	119	36.420
5	Konni	4	137	25.150
6	Ranni	21	1048	773.312
Total		186	5650	4871.488
II	High range circle,Kottayam			
7	Kothamangalam	31	2940	3589.517
8	Munnar	25	2185	997.340
9	Marayoor	14	647	1058.483
10	Mankulam	13	794	796.200
11	Kottayam	25	2469	2095.752
Total		108	9035	8537.292
III	Central circle,Thrissur			
12	Thissur	6	159	8.670
13	Chalakkudy	6	152	35.990
14	Vazhachal	9	267	44.580
15	Malayattoor	13	898	1116.560
Total		34	1476	1205.800

Sl No.	Division	No. of settlements	No. of families	Extent (ha)
1	2	3	4	5
IV	Eastern circle, Palakkad			
16	Nenmara	10	490	73.682
17	Palakkad	22	434	95.543
18	Mannarkkad	33	1010	826.322
19	Nilambur north	33	836	236.055
20	Nilambur south	11	479	121.940
Total		109	3249	1353.542
V	Northern circle, Kannur			
21	Kozhikkode	0	0	0.000
22	Kannur	33	1064	644.000
23	Wayanad north	12	209	40.330
24	Wayanad south	104	2196	918.331
Total		149	3469	1602.661
VI	ABP, Thiruvananthapuram			
25	Thiruvananthapuram WL	45	1048	1153.509
Total		45	1048	1153.509
VII	FDPT, Kottayam			
26	Periyar east	3	657	194.188
27	Periyar west	1	317	215.000
28	Munnar WL	16	968	1354.422
29	Idukki WL	12	646	711.260
Total		32	2588	2474.870
VIII	Wildlife Circle, Palakkad			
30	Parambikulam WL	6	343	39.266
31	Wayanad WL	100	1714	279.729
32	Peechi WL	9	157	54.220
33	Silent Valley WL	13	579	477.200
Total		128	2793	850.415
Grand total		791	29308	22049.577

Participatory forest management (PFM)

The State has adopted participatory forest management (PFM) as a strategy for conservation of bio-diversity and for the improvement of livelihood of forest dependent people by forming partnership institutions at grass root level since 1998. The institutions in territorial forest divisions are

called vana samrakshana samithies (VSS). Those in Sanctuaries and National Parks are called eco-development committees (EDC). During the year 2014-15, there were 400 numbers of VSSs and 190 numbers of EDCs.

Detailed statistics on VSS/EDC are given in tables 8.6 to 8.9.

Table 8.6-Division wise number of VSS

Sl No.	Territorial division	No.of VSS
1	2	3
1	Thiruvananthapuram	20
2	Thenmala	11
3	Punalur	15
4	Konni	20
5	Ranni	34
6	Achencoil	6
7	Kottayam	13
8	Kothamangalam	10
9	Munnar	11
10	Marayoor	23
11	Mankulam	9
12	Malayattoor	17
13	Vazhachal	11
14	Chalakydy	10
15	Thrissur	21
16	Palakkad	11
17	Mannarkad	11
18	Nilambur south	14
19	Nilambur north	30
20	Nemmara	17
21	North wayanad	17
22	South wayanad	18
23	Kozhikode	17
24	Kannur	20
25	Kasargode	14
	Total	400

Table 8.7-Division wise number of EDC

Sl No.	Wildlife division	No.of EDC
1	2	3
1	Parambikulam	7
2	Aralam	3
3	Silent Valley	7
4	Wayanad WL	15
5	Peechi	12
6	Thiruvananthapuram	31
7	Shendurney	9
8	Idukki	9
9	Munnar WL	22
10	Periyar East	35
11	Periyar West	40
Total		190

Table 8.8-Detailed statistics on VSS

Sl No.	Territorial division	No.of VSS	Forest area under VSS (ha)	No. of families		
				SC	ST	Others
1	2	3	4	5	6	7
1	Thiruvananthapuram	20	5936.00	394	1045	855
2	Thenmala	11	3200.00	332	408	1010
3	Punalur	15	4730.00	335	361	512
4	Konni	20	6905.00	266	92	1333
5	Ranni	34	5675.00	541	1053	2406
6	Achencoil	6	2700.00	181	141	288
7	Kottayam	13	3552.85	219	313	1465
8	Kothamangalam	10	2510.80	96	169	813
9	Munnar	11	11340.00	53	1047	577
10	Marayoor	23	1436.00	659	907	747
11	Mankulam	9	874.90	16	431	51
12	Malayattoor	17	26957.00	208	820	629
13	Vazhachal	11	14230.00	170	321	573
14	Chalakyudy	10	4127.50	142	167	1598
15	Thrissur	21	3994.27	708	100	2455

Sl No.	Territorial division	No. of VSS	Forest area under VSS (ha)	No. of families		
				SC	ST	Others
1	2	3	4	5	6	7
16	Palakkad	11	2036.98	464	792	2009
17	Mannarkad	11	4976.00	75	537	512
18	Nilambur South	14	14099.00	199	328	1020
19	Nilambur North	30	22651.00	429	1203	4324
20	Nemmara	17	3407.00	667	302	2288
21	North Wayanad	17	13740.00	12	1538	839
22	South Wayanad	18	4416.00	67	1036	2519
23	Kozhikode	17	3901.00	310	95	2215
24	Kannur	20	5256.06	177	1608	3724
25	Kasargod	14	2480.20	342	411	2036
Total		400	175132.56	7062	15225	36798

Table 8.9-Detailed statistics on EDC

Sl No.	Wildlife division	No. of EDC	Forest area under EDC (ha)	No. of families		
				SC	ST	Others
1	2	3	4	5	6	7
1	Parambikulam	7	43.27	11	277	58
2	Aralam	3	1375.00	0	623	0
3	Silent Valley	7	868.80	23	184	197
4	Wayanad WL	15	0.00	18	716	70
5	Peechi	12	2800.00	178	171	487
6	Thiruvananthapuram WL	31	0.00	972	843	470
7	Shendurney	9	1950.00	207	0	346
8	Idukki	9	3850.00	0	276	473
9	Munnar WL	22	0.00	432	778	1251
10	Periyar east	35	0.00	309	526	1827
11	Periyar west	40	0.00	1621	0	1736
Total		190	10887.07	3771	4394	6915

Vanasree ecoshops

During the year 2011-2012, vanasree ecoshops are started in various places to enable the vana samrakshana samithies to sale processed and semiprocessed non timber forest products collected by adivasis from forest areas. The profits from these outlets are being ploughed back to the MFP collectors through the VSS. The public will also be getting unadulterated and genuine forest products from these outlets. There are 37 vanasree ecoshops in the state under forest development agencies (FDA) including 2 mobile units. The details of these outlets as on 31.03.2015 are shown in table 8.10.

Table 8.10-Division wise location of ecoshops

Sl No.	Division	Name of vanasree unit
1	2	3
1	Thiruvananthapuram	Forest headquarters, Thiruvananthapuram
2	Thiruvananthapuram wildlife	Neyyar
3	Achenkoil	Manalar - Kumbhavurutty
4	Thenmala	Palaruvi
5	Punalur	Ayur
6	Konni	Konni
7	Ranni	Kochandi
8	SF, Alappuzha	Kommadi
9	Malayattoor	Kodanad
10	Malayattoor	Paneliporu
11	Kothamangalam	Thommankuthu
12	Chalakydy	Chalakydy
13	Vazhachal	Athirappally
14	Vazhachal	Vazhachal
15	Munnar wildlife	5 th Mile
16	Munnar wildlife	Alampetty
17	Munnar wildlife	Anamudi shola
18	Munnar wildlife	Lakkam
19	Munnar wildlife	Rajamala
20	Periyar east	Thekkady
21	Parambikulam, wildlife	Parambikulam
22	Parambikulam, wildlife	Malampuzha

Sl No.	Division	Name of vanasree unit
1	2	3
23	Parambikulam, wildlife	Anappady
24	Silent valley national park	Mukkali
25	South wayanad	Soochippara
26	South wayanad	Pakkom-Kuruva
27	North wayanad	Mananthavady
28	North wayanad	Plamoola
29	North wayanad	Thrissileri
30	North wayanad	Kalindi
31	Nilambur north	Aruvakode
32	Nilambur south	Nedumgayam (Manjeri)
33	Wayanad wildlife	Muthanga
34	Marayoor	Marayoor
35	Schenduruny wildlife	Schendurney
36	Thiruvananthapuram	Mobile vanasree unit
37	Malayattoor	Mobile vanasree unit

Eco-tourism destinations

The eco-tourism in forest areas is implemented through forest development agencies. There are 48 eco-tourism destinations functioning in the State.

District wise number of eco-tourism destinations in the State under forest department is given in table 8.11.

Table 8.11-District wise number of destinations

Sl No.	District	No. of destination
1	2	3
1	Thiruvananthapuram	6
2	Kollam	3
3	Pathanamthitta	3
4	Alappuzha	0
5	Idukki	8
6	Kottayam	2
7	Ernakulam	3
8	Thrissur	2
9	Palakkad	6

Sl No.	District	No. of destination
1	2	3
10	Malappuram	1
11	Kozhikkode	5
12	Wayanad	7
13	Kannur	2
14	Kasaragode	0
Total		48

Table 8.12-Details on Kerala's ecotourism destinations

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
I	Thiruvananthapuram district					
1	1. Kottoor	Elephant ride, Sponsoring elephant feed, Bamboo rafting, Kattadikkunnu camp, Visit to interpretation centre, Rowing in the lake,	By bus- 35 Km from Trivandrum	A/c & Non-A/c cottages available, Kappukadu Erappupara-Mankode trekking, Kappukadu-Erappupara-Kizhakkumalappara trekking, Kappukadu-Kathirumudi trekking, Kappukadu-Kattadikkunnu trekking,	Entrance fee- Rs.20/- per Indian adult, Rs.10/- per Indian child, Rs.50/- per foreigner adult, Rs.25/- per foreigner child, Elephant ride- Rs.125/- per indian, Rs.250/- per foreigner, Sponsoring elephant feed- Rs.100/- per person, Visit to interpretation centre- Rs.5/- per indian, Rs.10/- per foreigner, Rowing in the lake- Rs.540/- per 4 indians, Rs.1100/- per 4 foreigners, Bamboo rafting _ Rs.50/- per indian, Rs.140/- per foreigner, Kappukadu-Erappupara-Kizhakkumalappara trekking- Rs.1000/- per 10 indians, Rs.1500/- per 10 foreigners, Kappukadu-Erappupara-Mankode trekking / Kappukadu-Kattadikkunnu trekking- Rs.2500/- per 10 indians, Rs.4000/- per 10 foreigners,	Deputy wadren, Kottoor- 8547602969

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
					Kappukadu-Kathirumudi trekking- Rs.3000/- per 10 indians, Rs.5000/- per 10 foreigners, Kattadikkunnu camp- Rs.6000/- per 5 indians, Rs.10000/- per 5 foreigners,	
2	2. Neyyar	Lion safari park, Crocodile farm, Neyyar dam, Trekking, Boating in Neyyar lake, Agasthya ecotourism centre, Kombai cruise, Kottamanpuram cruise, Rowing,	By bus- 30 Km from Trivandrum 11 Km from Kattakkada	IB available, Boat /Bus safari, Boat /Bus jumbo safari, Meenmutty trekking, Meenmutty camp, Kombai camp	Boat safari- Rs.250/- per Indian adult, Rs.100/- per Indian child, Rs.350/- per foreigner adult, Rs.200/- per foreigner child, Bus safari_ Rs.100/- per Indian adult, Rs.50/- per Indian child, Rs.200/- per foreigner adult, Rs.150/- per foreigner child, Agasthya ecotourism centre- Rs.10/- per Indian adult, Rs.5/- per Indian child, Rs.20/- per foreigner adult, Rs.10/- per foreigner child, Boat jumbo safari_ Rs.500/- per indian, Rs.750/- per foreigner, Bus jumbo safari_ Rs.230/- per indian, Rs.330/- per foreigner, Kombai cruise- Rs.250/- per indian, Rs.350/- per foreigner, Kottamanpuram cruise- Rs.75/- per indian, Rs.175/- per foreigner,	Asst.wildlife warden,Neyyar-8547602970

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
					<p>Rowing in the lake- Rs.540/- per 4 indians, Rs.1100/- per 4 foreigners,</p> <p>Rowing & trekking -Rs.1000/- per 4 indians, Rs.1760/- per 4 foreigners,</p> <p>Meenmutty trekking Rs.8000/- per 10 indians, Rs.10000/- per 10 foreigners,</p> <p>Meenmutty camp Rs.12000/- per 10 indians, Rs.17000/- per 10 foreigners,</p> <p>Kombai camp- Rs.11000/- per 10 indians, Rs.15000/- per 10 foreigners,</p>	
3	3. Peppara	Vazhuvanthol falls visit, Agasthyarkoodam trekking, Pandipath camp, Agasthyarkoodam view tower camp, Manchadikkanam Machan camp	By bus- 50 Km from Trivandrum	Temporary camp shed available	<p>Vazhuvanthol falls visit- Rs.50/- per Indian adult, Rs.25/- per Indian child, Rs.200/- per foreigner adult, Rs.150/- per foreigner child,</p> <p>Agasthyarkoodam trekking Rs.10000/- per 5 indian, Rs.15000/- per 5 foreigner,</p> <p>Pandipath camp Rs.7500/- per 5 indian, Rs.12000/- per 5 foreigner,</p> <p>Agasthyarkoodam view tower camp-Rs.4000/- per 2 indian, Rs.8000/- per 2 foreigner,</p>	Asst.wildlife warden, Peppara- 8547602951

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
					Manchadikkanam machan camp_ Rs.3000/- per 2 indian, Rs.6000/- per 2 foreigner,	
4	4. Ponmudi	Ponmudi hills and adjacent areas	By bus- 61 KM (Trivandrum-Nedumangad-Vithura-Ponmudi)	IB (Water authority), Golden peak (KTDC), Govt.guest house	Entry fee_ Rs.20/- per indian Adult, Rs.10/- per indian Child, Rs.200/- per foreigner Adult, Rs.150/- per foreigner Child,	Secretary, Ponmudi VSS- 8547600986
5	5. Mankayam	Mankayam water falls and adjacent areas	By bus- (Trivandrum-Nedumangad-Peringamala-Mangayam)	---	Bike / Auto- Rs.10/-, Car / Jeep- Rs.20/-, Bus- Rs.50/-,	Secretary, Mankayam VSS- 9400879969
6	6.Kallar	Meenmutty waterfalls in the evergreen forests in foot hills of Ponmudi	By bus- 29 Km (Trivandrum-Nedumangad-Vithura-Kallar)	---	Still camera- Rs.25/-, Trekk group- Rs.400/-,	Secretary, Kallar VSS- 8547600956
II	Kollam district					
7	1. Manalar Kumbhavurutty (Achencovil)	Evergreen forest, Grass land, Trekking Shola forest, Water falls, Pilgrimage, Achencovil temple of Lord Ayyappa	42 Km- (Punalur-Alimukku-Mullumala-Achencovil) 80Km- (Punalur-Thenmala-Aryankavu-Shenkotta)	Waterfalls, Trekking, Nature camps, Sight seeing	Entry fee_ Rs.25/- per Adult, Rs.10/- per Child (5 years to 15 years), Bike / Auto- Rs.20/-, Car / Jeep- Rs.30/-, Van / Mini bus- Rs.80/-, Bus- Rs.100/-,	DFO, Achencoil 9447979032 RFO, Achencoil 8547600500

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
8	2.Palaruvi (Thenmala)	Water falls, Bourdillons plot – First stumped teak plantation of Kerala in 1891	Punalur-36 Km Arayankavu-5Km Shenkottai-20Km Kollam-80 Km Trivandum-85Km	Interrpretation centre cum ticket counter, Vanasree eco shop, Palaruvi canteen, Bathing ghats, Visit to remains of the historical structures,	Entry fee- Rs 25/- per indian adult, Rs 10/- per indian child, Rs 15/- per student, Rs 50/- per foreigner Bike / Auto- Rs.20/-, Bus- Rs.150/-, Car / Jeep- Rs.50/-, Van / Mini bus- Rs.100/-, Still camera- Rs.50/-, Movie camera- Rs.100/-, Falls view trekking- Rs 100/- Trekking foreigner- Rs 200/-	DFO,Thenmala, - 9447979037 RFO,Aryankavu -8547601067 Palaruvi ecotourism office -0475 2211200, 2211700
9	3.Shendurney	Jungle safari, Soft trekking, Hard trekking, Night trekking, Boating, Jungle camping	Kollam- 66Km	Trekking,boating, Camping in forests,Guide service, food,Furnished rooms, Jeep safari, Natural spa in streams,	<u>Jungle safari</u> Wet'n' wild trail- Rs.400/- per Indian adult, Rs.250/- per Indian child, Rs.500/- per foreigner. Chenkurinji trail- Rs.800/- per Indian adult, Rs.500/- per Indian child, Rs.1000/- per foreigner. <u>Soft trekking</u> Sky walk / Myristica walk / Reservoir walk- Rs.500/- per person (Minimum Rs.2000/-) <u>Hard trekking</u> Wet'n wild trail / Edapalayam mount hike / Evergreen trail / LTM trail _ Rs.2000/- per person (Minimum Rs.4000/-)	Wildlife warden Shendurney- 9447979081

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
					Night trekking Rs.2000/- per person (Minimum Rs.5000/-) Boating Dawn 'n'dusk surfing (Special boating) Rs.300/- per indian, Rs.500/- per foreigner, Jungle camping Idimuzhangan nights / Woody rockwood / Kurunthotti top hut / Spa 'n' pallivasal - Rs.7500/- per 2 person Lake view 'n' kalamkunn - Rs.5000/- per 2 person or per room	
III	Pathanamthitta district					
10	1. Konni elephant camp	Forest based ecotourism development with focus on captive elephants, Elephant museum, Elephant bathing, Paper unit,	Pathanamthitta -12 Km	Trekking, Rock climbing, Bird watching, Elephant ride, Elephant feeding, Vanasree shop, Childrens park	Rs.20/- per adult Rs. 5/- per chid	04682342005 8547600610
11	2.Adavi	Bowl boat riding	Konni-11 Km	—	Rs.400/- for short trip journey Rs.800/- for long trip journey	04682342005 8547600610
12	3.Gavi	Being in the buffer zone of the famed periyar tiger reserve,the area is teeming with magnificent and exclusive flora and fauna, Cardamom plantations, Waterfalls,	Kottayam railway station-120 Km Cochin airport-170 Km Thekkady-42 Km	Day package (Spice garden visits, Paddle boat ride, etc), Stay package (Spice garden visits,Paddle boat ride, Stay in either green mansions eco lodge or swiss cottage tents, etc),	Day package- Rs.1250/- per pax. Stay package- Rs.2500/- per pax for stay in green mansions eco lodge and Rs.3000/- per pax for stay in swiss cottage tents.	8289821306 8289821004 8547809270

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
IV	Kottayam district					
13	1.Chellarkovil	Panoramic view of Cumbum valley in Tamilnadu	Thekkady-17Km	Telescope watch tower garden	<u>Service charges</u> Entrance- Rs.20/- Telescope- Rs.50/- Watch tower- Rs.30/-	8547601146
14	2.Kalvrimount	Panoramic view of Idukki arch dam reservoir and Idukki wildlife sanctuary	Thekkady-50 Km (Along Kumily-Kattappana-Thodupuzha State highway) Painavu-15Km Kuttikkanam-55Km	Resting huts Night staying huts Cafeteria Eco shop	<u>Service charges</u> Entrance- Rs.20/- Night staying huts- Rs.2000/-	8547601115
V	Idukki district					
15	1.Viripara (Kainagiri)	Kainagiri water falls,Semi evergreen and grassland vegetation,	<u>By road</u> Munnar-23Km Adimaly- 28Km Kottayam-156Km Kumily-124Km Thiruvananthapuram-300Km Aluva railway station-153Km Nedumbassery airport-153Km	Information centre cum eco shop	Waterfall seeing- Rs.20/- person Kannadipara trekking- Rs.300/- person	Range officer-8547601560, Secretary-8547601564 President-9495768214

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
16	2. Anakottapara	No. of dolmens (on the way from Marayoor to Kanthalloor)	Munnar-41Km Udumalpet railway station-47Km Coimbatore airport-110Km	Eco shop	Entrance- Rs-10/-	04865-252988 8594070438
17	3. Rajeev Gandhi nature park	A huge banyan tree,	Munnar-41Km Udumalpet railway station-47Km Coimbatore airport-110Km	Park visit, Coffee shop & eco shop	Entrance- Rs-10/-	04865-252988 9446524706
18	4. Periyar tiger reserve	Gavi & Thekkady, Project tiger, Panoramic view of undulating mountains, multifarious cultural peculiarities of tribal communities, Best place to observe wild animals at close quarters while cruising in the safety of a boat in Periyar lake,	Kumily-3Km Cochin international airport-190Km Kottayam railway station-114Km	Jungle camping, Boating, Bamboo groves(lodging), Tribal dance, Trekking,	Entrance- Rs. 33/- per indian adult, Rs. 5/- per indian student, Rs. 450/- per foreigner, Rs. 155/- per foreigner student,	Thekkady range-04869 22947 Vallakkadavu range-04869 252515 Information centre-04869 224571

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
19	5. Eravikulam national park	Eravikulam national park, Nilgiri thar, Lakkam waterfalls, Cascade walk, Kurinji trail	Munnar-12 Km	Visit to rajamala, Eravikulam hut, Trekking, Birdwatching,	Entrance- Rs .23.5/- per Indian, Rs. 300/- per foreigner, Eravikulam national park visit_ Rs. 60/- per Indian, Rs. 60/- per foreigner, Lakkam waterfalls visit- Rs. 20/- per Indian, Rs. 20/- per foreigner, Cascade walk- Rs. 100/- per Indian, Rs. 200/- per foreigner, Kurinji trail- Rs. 200/- per Indian, Rs. 300/- per foreigner, Camping wild Rs. 3000/- for 2 Indians, Rs. 4000/- for 2 foreigners, Explore wild munnar- Rs.1200/- for 2 persons	Wildlife warden, Munnar- 9447979093
20	6. Shola national park	Camping wild, Log house, Stone house, Bison swamp, Ethnic hut	<u>Mathikettan shola national park</u> Munnar-34 Km Theni railway station-55 Km Cochin airport-140 Km	Amenity centre, Ethnic hut, Trekking,etc	<u>Mathikettan shola national park Entrance fee-</u> Rs .23.5/- per Indian, Rs. 300/- per foreigner Log house- Rs. 3000/- per 2 Indians, Rs. 4000/- per 2 foreigners, Trekking- Rs. 200/- per Indian, Rs. 300/- per foreigner	Wildlife warden, Munnar- 9447979093

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
			<p><u>Anamudi shola national park</u> Marayoor-40 Km Aluva railway station-150 Km Cochin airport-160 Km</p> <p><u>Pambadum shola national park</u> Munnar-35 Km</p>		<p><u>Anamudi shola national park</u> Entrance fee- Rs. 23.5/- per Indian, Rs. 300/- per foreigner</p> <p>Log house-Rs. 3000/- per 2 Indians, Rs. 4000/- per 2 foreigners,</p> <p>Stone house- Rs. 3000/- per 2 Indians, Rs. 4000/- per 2 foreigners,</p> <p><u>Pambadum shola national park</u> Entrance fee- Rs. 23.5/- per Indian, Rs. 300/- per foreigner</p> <p>Log house-4000/- per 2 Indians, Rs. 5000/- per 2 foreigners,</p> <p>Bison swamp- Rs. 200/- per Indian, Rs. 300/- per foreigner</p> <p>Ethnic hut-4000/- per 2 Indians, Rs. 5000/- per 2 foreigners,</p>	

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
21	7.Thommankuthu	Ancient caves , Thomankoothu waterfalls- (comprises a series of 12 falls over a distance of 5km). The height difference between first and the last one is about 500m.	Thodupuzha-18Km	Trekking, bathing ghats(during summer season), site seeing, Walking through lush evergreen forest, bird watching, Vanasree eco shop, Interpretation centre	Entry fee -Rs 20/- per Adult and Rs 10/- per child Trekking - Rs 1000/- per 5 persons Camera - Rs 10/- Video -Rs 100/-	VSS secretary-8547601306 Range officer,Kaliyar-0486-2247591,8547601302
22	8.Chinnar sanctuary	Wildlife sanctuary, Camping wild, Viewing diversity in altitude, Flora and fauna, Marayoor sandal forests, Pambar water falls, Tribal hamlets,etc	Munnar-40 Km	Trekking, Sandal depot, Bird watching, Pambar log house, Koottar log house, Karakad tree nest, Night jar camping Churulipetty log house, Vashyappara mud house,	Entrance fee - Rs. 23.5/- per Indian, Rs. 300/- per foreigner Trekking(Koottar, Pambar, Churulipetty) - Rs. 200/- per Indian, Rs. 300/- per foreigner Trekking(Vashyappara) -Rs. 500/- per Indian, Rs. 1000/- per foreigner Pambar log house / Koottar log house / Churulipetty log house / Karakad tree nest - Rs. 3000/- per 2 Indians, Rs. 4000/- per 2 foreigners, Night jar camping -Rs. 350/- per person Vashyappara mud house -4000/- per 2 Indians, Rs. 5000/- per 2 foreigners,	Wildlife warden, Munnar-9447979093

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
VI	Ernakulam district					
23	1. Kodanad / Kaprikad	Mini Zoo, Elephant camp, Elephant kraal,	Eranakulam- 40 Km	Trekking	Entry fee- Rs 20/- per indian adult, Rs 10/- per indian child, Rs 2/- per student from school, Rs 5/- per student from colleges, Rs 100/- per foreigner Parking fee Bike / Auto- Rs.10/-, Light motor vehicle- Rs.25/-, Tempo / Mini bus- Rs.40/-, Heavy vehicle- Rs.60/-,	NSC, Kalady- 0484 2468680
24	2. Mulamkuzhy	Periyar river bank with riverine forest, Teak plantation, Mahaganithottam	Perumbavoor-20 Km Aluva railway station-35 Km Cochin international airport-20 Km	Parking ground, Cafeteria, Vanasree eco shop, Trek path, Danger line indicator,	Visitors- Rs 20/- Bike / Auto- Rs.10/-, Car- Rs.25/-, Traveller- Rs.30/-, Bus- Rs.60/-, Video- Rs.100/-,	DFO, Malayattoor- 944797953
25	3. Paniyeli poru	Periyar river bank with riparian forest,	Perumbavoor-20 Km Aluva railway station-35 Km Cochin international airport-20 Km	Vanasree eco shop, Trek path, Parking ground, Cafeteria, Danger line indicator,	Visitors- Rs 10/- Bike / Auto_ Rs.5/-, Car- Rs.10/-, Bus- Rs.20/-, Video- Rs.100/-,	DFO, Malayattoor- 944797953

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
VII	Thrissur district					
26	1. Athirapilly	Water falls, Beautiful Vazhachal rapids,	Chalakkudy railway station-30Km Cochin international airport-55Km	IB & Dormitory, Nature camps, Trekking,	Entry fee- Rs 30/- per indian adult, Rs 2/- per indian child, Rs 10/- per student, Rs 100/- per foreigner Parking fee Bike / Auto- Rs.10/-, Light motor vehicle- Rs.20/-, Medium vehicle- Rs.30/-, Heavy vehicle- Rs.50/-, Camera- Rs.20/-, Video Camera- Rs.200/-	DFO, Vazhachal- 9447979055,04 80-2701713
27	2.Chimmony	Zone of Western Ghats, Medicinal plants diversity,	Thrissur railway station-35Km Cochin international airport-60Km	Trekking, Tented accomodation, Tree top huts, Bird watching, Bamboo rafting, Myna eco retreat, Dormitory	Trekking- Rs.150/- person Tented accomodation- Rs.3125/- for 3 persons Tree top huts- Rs.8125/- for 3 person Bamboo rafting- Rs.150/- person Myna eco retreat- Rs.6875/- for 3 person Dormitory- Rs.150/- per bed per day	Asst.wildlife warden- 8547603451 Chimmony range-0480 2766972

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
VIII Palakkad district						
28	1. Silent valley	National park,Thick evergreen forest	Palakkad railway station-60Km-(Palakkad to Mannarkad, on the way to Anakkatty, Mukkali stop.) Cochin international airport-165Km	Visit to wet evergreen forests, Trekking, Nature education	<u>By bus</u> Entry fee- Rs 325/- per indian adult, Rs 280/- per indian student, Rs 600/- per foreigner. <u>By jeep</u> Entry fee- Rs 1715/- per 5 persons. <u>Parking</u> Light motor vehicle- Rs.15/- Heavy vehicle- Rs.20/-	04924-253225 8589895652 9645586629
29	2.Parambikulam tiger reserve	Tiger reserve, Bio diversity hot spot,	Palakkad-100 Km Coimbatore -100 Km Thrissur-120Km	Vehicle safari, Trekking, Bird watching, Dam view point, Vanasree eco shop, Camping facilities-(Tented niche, Honey comb, Civet valley, Veetikunnu island nest, Tree top huts, Cheetal valley, Bison valley,Bear hut,etc) Paid nature camps.	Entrance fee- Rs 23/- per indian adult, Rs 300/- per foreigner, Light motor vehicle- Rs.75/-, Heavy vehicle- Rs.300/-, Camera- Rs.38/-, Video camera- Rs.300/-, Vehicle safari- Rs. 170/- per person <u>Tented niche(Capacity:21)</u> For Indians- s. 5500/--(week days), Rs. 6600/--(holidays), For foreigners- Rs. 8800/--(week days), Rs. 11000/--(holidays),	Information centre, Anappady-9442201690 9442201691

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
					<p><u>Honey comb accommodation(Capacity:18)</u> For Indians-Rs. 4500/-(week days), Rs. 5500/-(holidays), For foreigners Rs. 6600/-(week days), Rs. 7700/-(holidays),</p> <p><u>Veettikunnu island nest(Capacity:5)</u> For Indians-Rs. 8250/-(week days), Rs. 8800/-(holidays), For foreigners-Rs. 9350/-(week days), Rs. 11000/-(holidays),</p> <p><u>Tree top hut,Thunakadavu(Capacity:2)</u> For indians-Rs. 4400/-(week days), Rs. 5500/-(holidays), For foreigners-Rs. 6600/-(week days), Rs. 8800/-(holidays),</p> <p><u>Tree top hut,Parambikulam (Capacity:2)</u> For indians-Rs. 2750/-(week days), Rs. 3300/-(holidays), For foreigners-Rs. 3300/-(week days), Rs. 5500/-(holidays),</p>	

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
					<u>Bear hut(Capacity:2)</u> For Indians -Rs. 4400/-(week days), Rs. 5500/-(holidays), For foreigners -Rs. 6600/-(week days), Rs. 7700/-(holidays),	
30	3.Minnampara	Natural beauty of grass land and view point in Nelliampathy	Nenmara-13Km Minnampara to Grass land-6Km(by Jeep)	—	Rs. 50/- per per person Rs. 100/- per Jeep	Section forest officer-8547602165, 8547602162
31	4.Dhoni	Water falls, Panoramic view	Dhoni -Palakkad railway station-12 Km Ananganmala -Palakkad railway station-45 Km	Bird watching , Trekking	Trekking -Rs. 100/- per person	DFO, Palakkad-0491 2555156 Range forest officer, Olavakode-8745602072
32	5.Ananganmala	Panoramic view	Meenvallam -Palakkad railway station-34 Km	Trekking	Rs. 20/- per adult Rs. 10/- per child	DFO, Palakkad-0491 2555156 Range forest officer, Ottappalam-8745602087
33	6.Meenvallam	Water falls	Nearest airport -Nedumbassey, Kozhikode & Coimbatore	Trekking, Visit to wet evergreen forests	Rs. 20/- per adult Rs. 10/- per child	DFO, Palakkad-0491 2555156 Range forest officer, Olavakode-8745602072

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
IX	Malappuram district					
34	1. Nedumkayam	Oldest teak plantation, Dawsons grave yard,Rain forests, Indigenous tribal groups	Nilambur railway station-13 Km	IB,Vanasree eco shop, Interpretation centre	Entry fee- Rs 20/- per indian adult, Rs 10/- per indian child Rs 100/- per foreigner Parking fee Bike- Rs.10/-, Auto_ Rs.20/-, Light motor vehicle- Rs.40/-, Heavy vehicle- Rs.100/- Still camera- Rs.40/- Video camera- Rs.200/-	Dy.RFO, Nedumkayam- 8547602263 Range office- 04931 270296 DFO, Nilambur south-04931 220392
X	Kozhikode district					
35	1. Kakkayam	Dam site and water falls	Kozhikode-56 Km	Waterfalls, Trekking in hillocks, Guides.	Rs 40/- per adult, Rs 20/- per student	DFO, Kozhikode- 9447979073 8547602852
36	2.Peruvannamuzhy	Crocodile rescue center, Indian institute of spices research, Agricultural farm	Kozhikode-45 Km	Trekking, Guides	Rs 30/- for adult, Rs 15/- per student	DFO, Kozhikode- 9447979073 8547602838
37	3.Thusharagiri	Water falls	Kozhikode-54 Km	Trekking, Nature education, Guides	Rs 30/- for adult, Rs 15/- per student	DFO, Kozhikode- 9447979073 8547602818
38	4.Kakkavayal	Bio-diversity garden	Kozhikode-41 Km	Guides	Rs 30/- for adult, Rs 15/- per student	DFO, Kozhikode- 9447979073 8547602792

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
39	5. Janakikkad	Low elevation ever green forest	Kozhikode-50 Km	Trekking, Guides	Rs 30/- for adult, Rs 15/- per student	DFO, Kozhikode-9447979073 8547602773
XI	Wayanad district					
40	1. Tholpetty	Wildlife sanctuary	Sultan bathery-65 Km Kozhikode railway station-129 Km	Trekking, Vehicle safari, Eco shop, Dormitory, Serambi	Entry - Rs 110/- per indian adult, Rs 40/- per indian student. Rs 300/- per foreigner. Light motor vehicle- Rs.75/ Still camera- Rs.38/- Video camera- Rs.225/- Serambi rent- Rs.1500/- per day Dormitory rent- Rs.188/- per head per bed	Asst.wildlife warden, Tholpetty range- 04935 250853
41	2. Muthanga	Wildlife sanctuary	Sultan bathery-14 Km Kozhikode railway station-110 Km	Vehicle safari, Eco shop, Dormitory, Serambi, Eco hut, Honey processing unit,	Entry fee- Rs 110/- per indian adult, Rs 40/- per indian student. Rs 300/- per foreigner. Still camera- Rs.38/- Video camera- Rs.225/- Serambi rent- Rs.1500/- per day Dormitory rent- Rs.188/- per head per bed Eco hut- Rs.1500/- per day	Asst.wildlife warden, Muthanga range- 04936 271010, 271015

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
42	3. Thirunelli pakshipathalam	Temple, Pakshipathalam, Brahmagiri hills,	Sultan bathery- 71 Km	Rain forests, shola, Trekking	Rs. 1900/- for 5 indian adults Rs. 2500/- for 5 foreigners	Range officer, Begur- 8547602504 Section forest officer- 9495318823
43	4. Banasuramala - Meenmutti	Waterfalls	Kalpetta- 25 Km	—	Entry fee- Rs 30/- per indian adult, Rs 15/- per indian student. Rs 60/- per foreigner. Camera- Rs.75/- for Indians, Rs 150/- for foreigners Trekking 10 members 3 hours- Rs.750/- for Indians, Rs 1500/- for foreigner Trekking 10 members 6 hours- Rs.1200/- for Indians, Rs 2000/- for foreigner	DFO, south wayanad- 04936 203428, 9447979075 Range officer- 8547602715
44	5. Pakkam- Kuruva	Island	Sultan bathery- 36 Km	Visit to riparian forest, Rafting.	Entry fee- Rs 80/- per adult, Rs 60/- per student Parking fee- Bike- Rs.15/-, Auto- Rs.30/-, Light motor vehicle- Rs.50/-, Heavy vehicle- Rs.80/-, Camera- Rs.45/-	DFO, south wayanad- 9447979075 Range officer- 8547602737
45	6. Soochippara	Waterfalls	Kalpetta- 24 Km	—	-Rs 90/- per foreigner Trekking 10 members- Rs.750/- for Indians, Rs 400/- for students, Rs 1500/- for foreigner	DFO, south wayanad- 04936 203428, 9447979075 Range officer-

Sl No.	Name of district and destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
1	2	3	4	5	6	7
					Parking fee- Bike- Rs.10/-, Four wheeler- Rs.30/-, Other- Rs.75/-	8547602680
46	7.Chembra peak	Trekking	Kalpetta- 25 Km	Trekking	Entry fee- Rs 20/- per indian adult, Rs 15/- per indian student.Rs 30/- per foreigner. Camera- Rs.40/- for Indians, Rs 80/- for foreigners Trekking 10 members- Rs.750/- for Indians, Rs 1500/- for foreigner	DFO, south wayanad- 04936 203428, 9447979075 Range officer- 8547602680
XII	Kannur district					
47	1. Aralam wildlife sanctuary	Bio diversity hot spot, Malabar pied hornbill, Diurnal primates and nocturnal species, Meenmutti waterfalls	Iritty town- 20 Km Thalassery railway station- 70 Km Kozhikode airport-150 Km	IB & Dormitory	Entry - Rs .15/- per indian adult, Rs. 7/- per indian student / Child Rs. 200/- per foreigner. Vehicle- Rs.100/- Still camera- Rs.38/- Movie camera_ Rs.225/-, Guide- Rs.300/- Dormitory rent- Rs.150/- per head ,Rs.45/- per student, IB rent- Rs.900/- per day	Wildlife division, Aralam- 0490 2493160 Aralam wildlife range- 0490 2413160
48	2.Paithalmala	Grass land with semi shola forest, Pond	Kannur railway station- 60 Km Kozhikode airport-172 Km	Basic infra structure facilities	Entry fee- Rs .30/- per indian adult, Rs. 15/- per indian student Rs. 100/- per foreigner. Camera- Rs.40/-	8547602621

Income from eco-tourism activities

A. Territorial divisions: An amount of ₹93858073/- has been generated towards eco-tourism activities in various eco-tourism centres in 19 territorial divisions in the State. Division wise details are given below in table 8.13.1

Table 8.13.1.-Details of tourists and income generated from eco-tourism activities in territorial divisions of Kerala forest department during 2014-15

Sl No.	Division	Name of range	Location of eco-tourism centre	Native visitors (nos)	Foreigners (nos)	Students (nos)	Total visitors (nos)	Income generated (in ₹)
1	2	3	4	5	6	7	8	9
1	Thiruvananthpuram	Palode	Ponmudi	331583	1545	18791	351919	6929445
			Mankayam	102863	0	1661	104524	795490
		Paruthippally	Kallar	83441	1580	7154	92175	1783660
2	Thenmala	Aryankavu	Palaruvi	254442	223	33934	288599	6174030
3	Achencovil	Achencovil	Manalar-Kumbhavurutv	23384	0	178613	201997	5519845
4	Ranni	Goodrical	Pachakkanam	33360	43	0	33403	1003380
5	Konni	Konni	Konni	108521	488	17423	126432	3581845
		Adavi	Adavi	15246	7	0	15253	2001200
6	Kothamangalam	Kaliyar	Thommankuthu	45543	263	5165	50971	967770
7	Kottayam	Kumily	Chellarcovil	9900	240	0	10140	208010

Sl No.	Division	Name of range	Location of eco-tourism centre	Native visitors (nos)	Foreigners (nos)	Students (nos)	Total visitors (nos)	Income generated (in ₹)
1	2	3	4	5	6	7	8	9
		Nagarampara	Vellappara jungle cottage	200	0	0	200	40000
		Ayyappancoil	Kalvari mount	4717	0	318	5035	67710
8	Mankulam	Mankulam	Kainagiri	833	33	0	866	27070
9	Marayoor	Marayoor	Marayoor	5575	0	4050	9625	55750
		Kanthalloor	Kanthalloor	13939	0	3442	17381	139390
10	Vazhachal	Charpa	Athirappally	925240	12294	245822	1183356	26030202
			Vazhachal	78162	337	21510	100009	2131304
11	Malayattoor	Kodanad	Paniyeli poru VSS	89522	0	0	89522	1055040
		Kalady	Mulamkuzhy VSS	5067	0	0	5067	62490
12	Mannarkkad	Agali	Siruvani	4148	38	276	4462	861000
13	Nilambur north	Edavanna	Conolly's plot, Aruvacode	120945	240	24116	145301	2959980
			Kozhipara	13677	2	1188	14867	290580
14	Palakkad	Ottappalam	Ananganmala	22360	0	0	22360	225325
		Olavakkode	Meenvallam waterfall	19628	0	0	19628	378720

Sl No.	Division	Name of range	Location of eco-tourism centre	Native visitors (nos)	Foreigners (nos)	Students (nos)	Total visitors (nos)	Income generated (in ₹)
1	2	3	4	5	6	7	8	9
			Dhoni waterfall	8962	0	0	8962	179600
15	Nemmara	Kollengode	Minnampara	29401	0	0	29401	2007050
16	Kozhikode	Thamarassery	Thusharagiri	143026	1934	5427	150387	1510805
			Kakkvayal	17315	0	2800	20115	187150
		Peruvannamuzhi	Kakkayam	44568	9	8302	52879	487395
			Peruvannamuzhi	31736	0	8348	40084	359100
		Kuttiady	Janakikkad	9071	0	895	9966	97545
17	Wayanad north	Begur	Brahmagiri trekking	346	328	150	824	294300
		Mananthavady	Chirapullu-Kurisumudi	44	4	0	48	12000
18	Wayanad south	Kalpetta	Banasura-Meenmutty	62260	451	3676	66387	2101720
		Meppady	Soochippara	96106	875	23263	120244	4901680
			Chembra peak	39348	897	1204	41449	3205097
		Chedalathu	Pakkom-Kuruva	243178	1054	62573	306805	15083220
19	Kannur	Thaliparamba	Paithalmala	4243	4	691	4938	142175
Total				3041900	22889	680792	3745581	93858073

B. Wildlife divisions: An amount of ₹70607732/- has been generated towards eco-tourism activities in national parks and sanctuaries in wildlife divisions in the State. Division wise details are given below in table 8.13.2

Table 8.13.2-Details of tourists and income generated from wildlife sancuaries and national parks in wildllife divisions of Kerala forest department during 2014-15

S1 No.	Name of wildlife sanctuary/National park	District	Division	Native visitors (nos)	Foreigners (nos)	Students (nos)	Total visitors (nos)	Income generated (in ₹)
1	2	3	4	5	6	7	8	9
1	ABP range , Kottoor	Thiruvananthapuram	TVPM WL Division	25458	5632	5631	36721	1447798
2	Neyyar WLS			82672	4115	1161	87948	8623976
3	Peppara WLS			6783	113	2491	9387	173030
4	Shenduruney WLS	Kollam	Shenduruney WLS	187	2	0	189	163121
5	Periyar tiger reserve	Idukki & Pathanamthitta	Periyar east	562296	43542	20332	626170	38348363
6	Thattekad bird sanctuary	Eranakulam	Idukki WLS	32706	702	4900	38308	451810
7	Malabar sanctuary	Kozhikode	Kozhikode	44265	9	8102	52376	959145
8	Wayanad WLS	Wayanad	Wayanad WLS	93820	4649	22844	121313	3352184

Sl No.	Name of wildlife sanctuary/National park	District	Division	Native visitors (nos)	Foreigners (nos)	Students (nos)	Total visitors (nos)	Income generated (in ₹)
1	2	3	4	5	6	7	8	9
9	Parambikulam tiger reserve	Palakkad	Parambikkulam	46228	572	1002	47802	2090094
10	Silent valley NP	Palakkad	Silent valley	15223	85	2215	17523	1210629
11	Eravikulam NP	Idukki	Munnar wildlife	383949	11329	88499	483777	12132188
12	Chinnar WLS			12581	1790	1595	15966	525532
13	Pampadum shola NP			20607	37	0	20644	215182
14	Mathikettan shola NP			378	63	0	441	59850
15	Chimmony WLS	Thrissur	Peechi	34383	54	1067	35504	729745
16	Aralam WLS	Kannur	Aralam	4699	11	1344	6054	125085
Total				1366235	72705	161183	1600123	70607732

Tribal co-operative societies

Details of tribal co-operative societies allowed for the collection of minor forest produce during 2014-2015 are shown in table 8.14.

Table 8.14-Division / range wise details of tribal co-operative societies

Sl No.	Division	Range	Name of society
1	2	3	4
1	Thiruvananthapuram	Kulathupuzha, Paruthippally	Pottamavu ST service co-op society, Reg. No. T618
2	Thenmala	Aryankavu	Aryankavu girijan co-op. society, Aryankavu
3	Achencoil	Kanayar	ST Co-op. society, Aryankavu
4	Punalur	Anchal	Vanchiyodu SC/ST society Ltd.No.Q1032, Venkolla.P.O, Madathara
5	Ranni	Ranni	Chollanavayal girijan service co-op. society Ltd. No. Q 759 Adichippuzha
6		Vadasserikkara	Perunthenaruvi girijan service co-op. society Ltd No. Q 763, Vechoochira P.O
7		Goodrical	Seethathodu- Chittar tribal co-op.society.
8	Mankulam	Mankulam, Anakulam	Adimali girijan service society
9	Munnar	Adimali, Neriya Mangalam	Adimali girijan service co-op. society No. 3887
10	Kottayam	Nagarampara,	Vazhathope ST service co-op. society, Idukki
11	Kothamangalam	Thodupuzha, Mullaringad, Kaliyar	Tribal co-op. society, Vazhathoppe
12	Thrissur	Vadakkancherry, Machad, Pattikkad	Thalappilly tribal service co-op. society No. 673, Eravimangalam, Thrissur
13	Chalakydy	Pariyaram, Palappilly, Vellikulangara	Palappilly girijan service co-op. society Ltd No. 3896

Sl No.	Division	Range	Name of society
1	2	3	4
14	Palakkad	Olavakkode, Walayar	Malampuzha pattikavarga service co-op. society
15	Mannarkad	Agali	Sholayar girijan co-op. society
16		Attappadi, Mannarkad	Kurumba tribal co-op society
17	Nemmara	Nelliyampathi, Kollengode	Pattikavarga sevana saharana sangam, Malampuzha.
18	Nilambur North	Edavanna, Nilambur, Vazhikkadavu	Nilambur SC/ST co-op. society, Ramankuth
19	Nilambur South	Kalikavu, Karulai	Nilambur tribal co-op. society (No. M/114)
20	Wayanad South	Chedleth	Pulpally ST co-op. society
21			Sulthan bathery ST co-op. society
22		Meppady , Kalpetta	Meppady ST co-op. society
23	Wayanad North	Begur	Thirunelly tribal co-op. society, Thirunelly. P.O, Appapara
24	Kozhikkode	Kuttiadi, Thamarasserry	Vilangad ST service co-op. society
25	Kannur	Thalipparamba, Kottiyoor, Kannavam	Nedumpoyil ST service co-op. society, Nedumpoyil
26	Periyar East	Thekkady	Periyar honey processing unit

Timber depots

A total of 28 number of timber depots are managed by the department for the purpose of retail and whole sale of timber.

Circle / division wise timber depots as on 31.03.2015 are in table 8.15.

Table 8.15-Circle wise number of timber depots

Sl No.	Circle	Sales division	No. of depots
1	2	3	4
1	Southern circle, Kollam	Thiruvananthapuram	5
		Punalur	6
2	High range circle, Kottayam	Kottayam	4
3	Central circle, Thrissur	Perumbavur	5
4	Eastern circle, Palakkad	Palakkad	3
5	Northern circle, Kannur	Kozhikode	5
Total			28

The details on timber depots are given in table 8.16.

Table 8.16-Circle wise details on timber depots

Sl No.	Circle	Sales division	Depots	
1	2	3	4	5
1	Southern circle, Kollam	Thiruvananthapuram	1	Kulathupuzha
			2	Thenmala
			3	Aryankavu
			4	Mullumala (Annex)
			5	Achenkovil
		Punalur	6	Kadakkamon
			7	Pathanapuram
			8	Konni
			9	Arekkakavu
			10	Tuet
			11	Veeyapuram
2		Kottayam	12	Parampuzha
			13	Vettikkad

Sl No.	Circle	Sales division	Depots	
1	2	3	4	5
	High range circle, Kottayam		14	Thalakkode
			15	Kothamangalam
3	Central circle, Thrissur	Perumbavoor	16	Veetoor
			17	Varapuzha
			18	Mudikkal
			19	Chalakkudy
			20	Chettikulam
4	Eastern circle, Palakkad	Palakkad	21	Aruvakkode
			22	Nedumkayam
			23	Walayar
5	Northern circle, Kannur	Kozhikode	24	Chaliyam
			25	Kuppadi
			26	Bavaly
			27	Kannothu
			28	Parappa

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