



GOVERNMENT OF KERALA
KERALA FOREST DEPARTMENT



KERALA
FOREST STATISTICS
2023-24



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PREFACE

Kerala's forests remain a vital ecological asset, reflecting exceptional biodiversity, environmental stability, and socio-economic value. Enriched by varied landscapes and climatic conditions, these forests support a wide range of flora and fauna, with high levels of endemism. The presence of the Western Ghats along the State's eastern boundary further enhances Kerala's global ecological significance.

However, forest management today faces increasing challenges. Rapid urbanisation, changing land use patterns, and climate variability continue to exert pressure on these fragile ecosystems. Balancing developmental aspirations with conservation priorities has therefore become more critical than ever, requiring informed and adaptive strategies.

"Forest Statistics 2023-24" is an important initiative in this context. Prepared by the Statistics Wing of the Kerala Forest Department under the guidance of the Deputy Director (Statistics), the report compiles and presents essential data on forest resources, biodiversity, and management interventions. It aims to support evidence-based policymaking and effective planning.

This publication is intended as a valuable reference for policymakers, researchers, and stakeholders. It is hoped that the insights provided will strengthen efforts towards sustainable forest management and contribute to the long-term conservation of Kerala's rich natural heritage.



RAJESH RAVINDRAN IFS
Principal Chief Conservator of Forests &
Head of Forest Force

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KERALA AT A GLANCE

• Density (persons/ km ²)	860
• Population (2011 census)	33406061
• Per Capita Land (as per 2011 census)	0.116 ha
• Male Population	16027412
• Female Population	17378649
• Rural Population	17471135
• Urban Population.....	15934926
• Scheduled Tribe Population.....	484839
• Scheduled Caste Population	3039573
• Sex Ratio (female per 1000 male)	1084
• Literacy Rate (Male Literacy-96%, Female Literacy-92%)	94%
• Life Expectancy.....	74.6 year
• Regional Language	Malayalam
• No. of Villages	1644
• No. of Grama Panchayath.....	941
• No. of Block Panchayath.....	152
• No. of District Panchayath.....	14
• No. of Municipalities.....	87
• No. of Municipal Corporations.....	6
• Highest Peak	Anamudi
• Longest River	Periyar

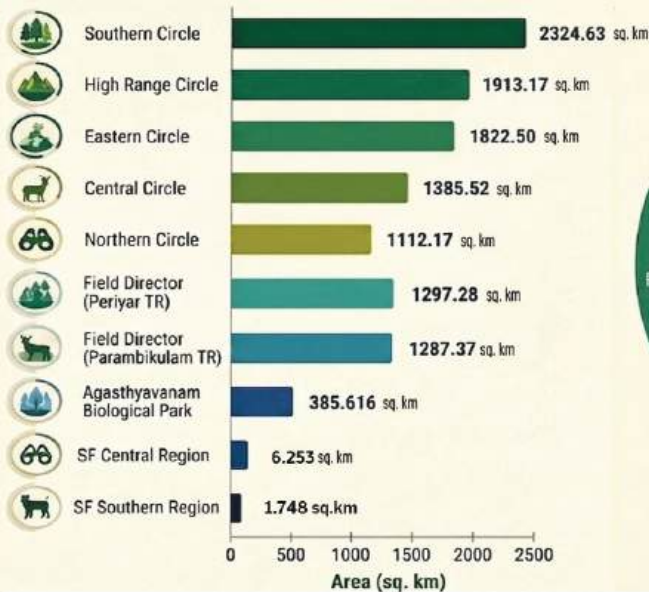
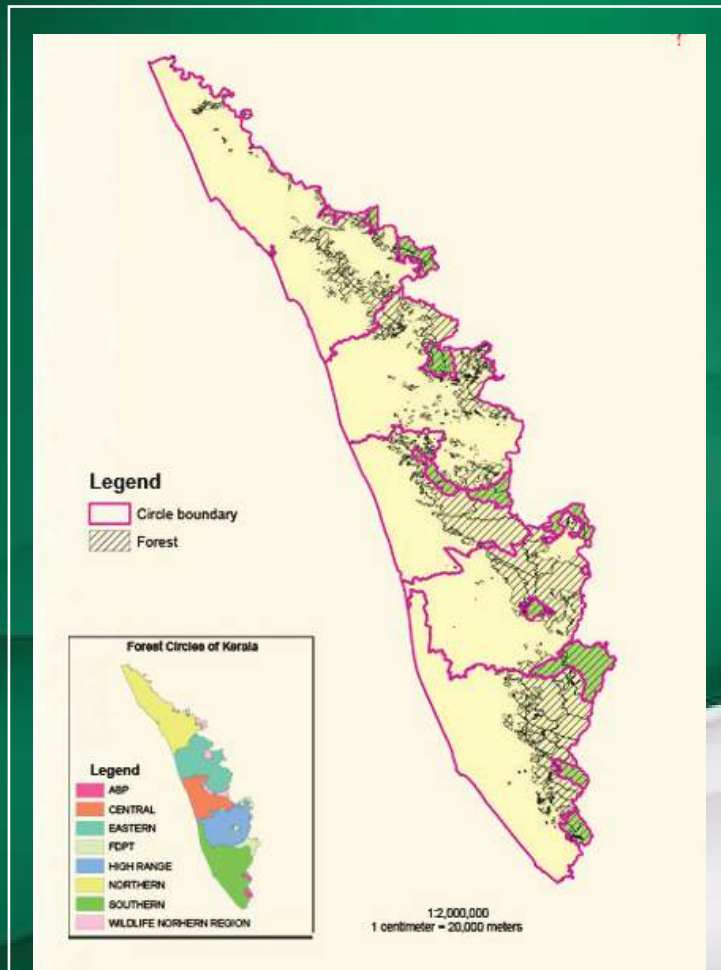
KERALA FOREST STATISTICS AT A GLANCE (AS ON 31.3.2024)

• Total Forest Area.....	11536.251 km ²
• Total Plantation Area.....	1457.463 km ²
• Total Ecologically Fragile Land (EFL) Area	139.164 km ²
• Extent of Diverted Forest Land.....	384.309 km ²
• Total Recorded Forest Area India (ISFR 2023).....	775377 km ²
• Forest cover including tree cover India (ISFR 2023)	827356.95 km ²
• Forest Cover including tree cover Kerala (ISFR 2023)	24965.30 km ²
• Forest Cover (ISFR 2023).....	22059.36 km ²
• Tree Cover (ISFR 2023).....	2905.94 km ²
• Mangroves (ISFR 2023).....	9.45 km ²
• Carbon Stock in Forest (ISFR 2023).....	214.084 million tones
• Extent of bamboo bearing area (ISFR 2023).....	2443 km ²
• Encroachment	49.737 km ²
• Revenue from Forest (in crores).....	261.04
• Expenditure incurred (in crores)	707.88
• Number of Wildlife Sanctuaries.....	18
• Number of National Parks	6
• Number of Community Reserve.....	1
• Number of Biosphere Reserve	2
• Area under Sanctuaries & National Parks.....	3360.327 km ²
• Number of Forest Stations	125
• Number of Check Posts	63
• Number of Timbersales Depots	28

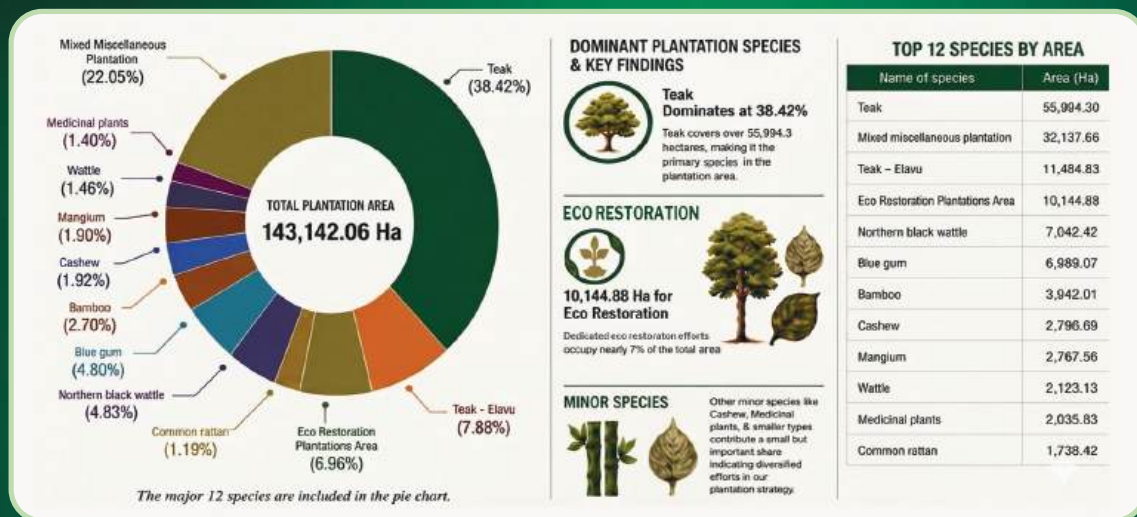
• Number of Vanasree eco Shops	74
• Number of Tribal Co-operative Societies	29
• Number of Eco-tourism National Park and Wild life Sanctuaries Destination	71
• Tourist Arrival in Ecotourism Destinations	9092760
• Income Generated from Ecotourism Destinations	7123.027 lakhs
• Quantity of Major Forest produce	
• Timber.....	24086.997 M ³
• Firewood & Billets	5950.888 MT
• Sandal Wood	153370.550 kg
• Teak Poles.....	7751.900 M ³
• Length of Road in charge of forest Department	5083.278 km
• Human Wild life incidents during the year under the Report.....	10627 Nos
• Compensation paid to victims of wild life attack	2179.800 lakhs
• Estimation of some important wild life species	
• Elephant (Dung count method-2017)	2386
• Tiger (Tiger Census -2022)	213 (SE16)
• Nilgiri Tahr (Est. population-2023).....	803
• Number of fire incidents relating to forest fire	347
• Total destructed area by fire	4.993 km ²
• Institutional / Avenue Planting	
• No. of seedling raised.....	2131405 Nos
• No. of seedlings distributed	2131000 Nos
• Vriksha Samridhi Scheme	
• No. of seedlings planted	32.15 (in lakh)
• No. of seedling survived.....	23.86 (in lakh)
• Plantation under Kerala Forest Development Corporation.....	89.31 km ²
• No. of Vana Samrakshana Samithies (VSS).....	427
• No. of Eco Development Committies (EDC).....	213

KEY HIGHLIGHTS

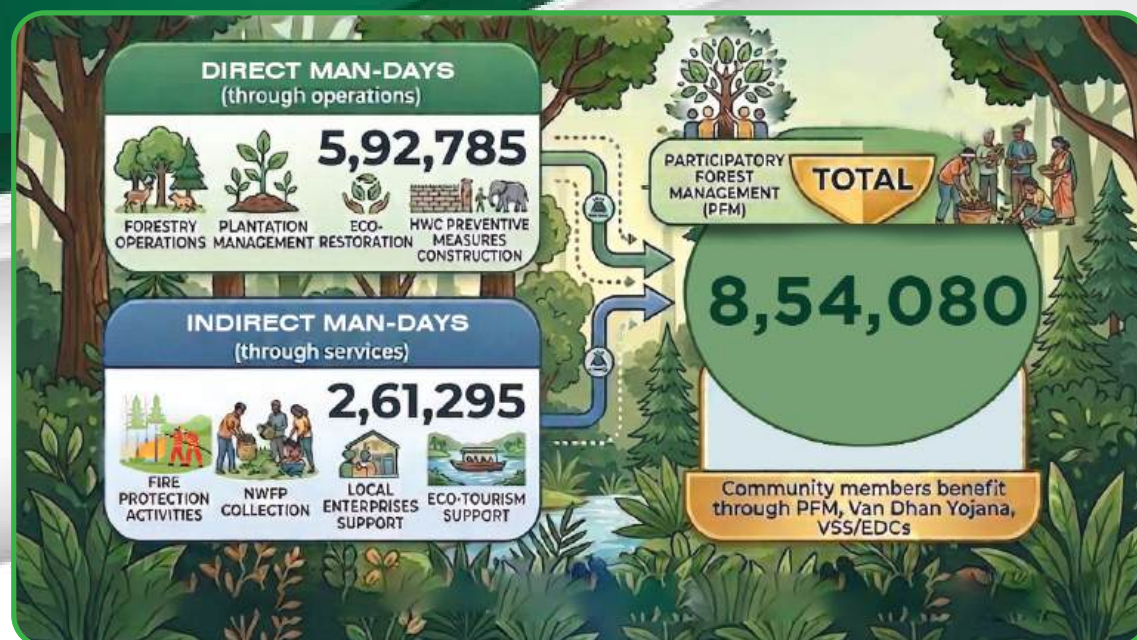
Forest Area in Kerala



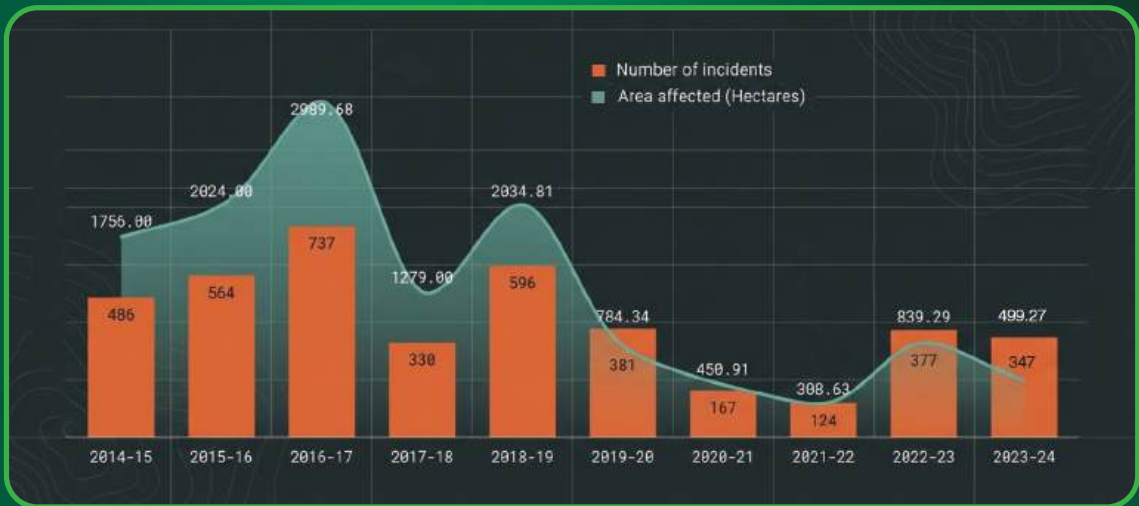
Species-wise area of Plantation



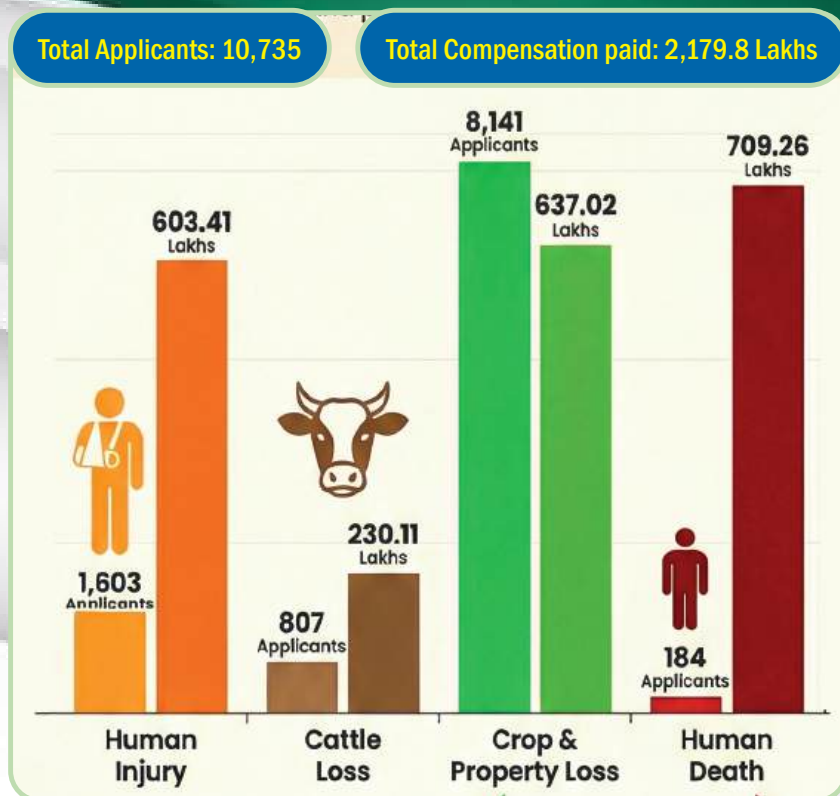
Employment Generation in Man-days Key Initiatives & Operations



Fire Incidents in a Decade



Compensation for Human-Wildlife Conflict



Mitigation Measures for Human-Wildlife Conflict (HWC)



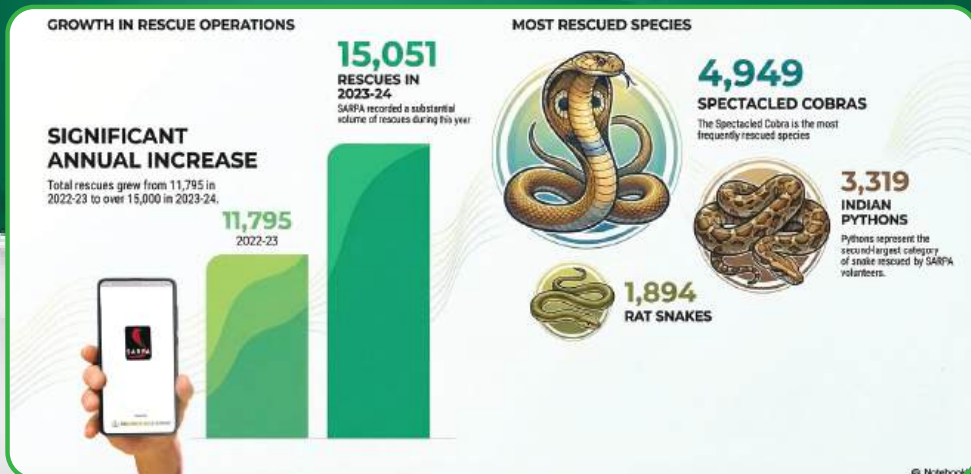
Kerala's Protected Area Network



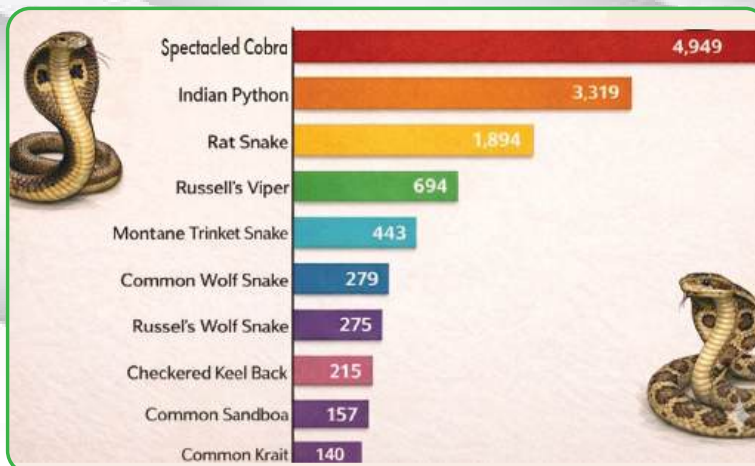
Implementation of Forest Rights Act, 2006



SARPA - Snake Rescue: Annual Impact & Species Diversity



Major 10 Species of Snakes rescued by SARPA Volunteers



Eco-Tourism

Impact Assessment for 71 Eco-Tourism Destinations

VISITOR DEMOGRAPHICS

Visitor Count & Categories



Native	Foreigners	Students	Total
8,255,970	81,340	755,450	9,092,760

8.26M



81.3K

755K

Native

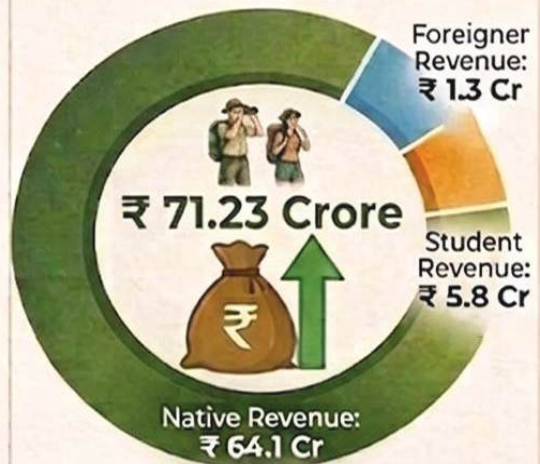
Foreigners

Students

TOTAL VISITORS: 9,092,760

Income Generation

Income Assessment (in Crores)



**TOTAL INCOME GENERATED:
₹ 71.23 Crore**

ECO-TOURISM INSIGHTS



Sustainable Practice

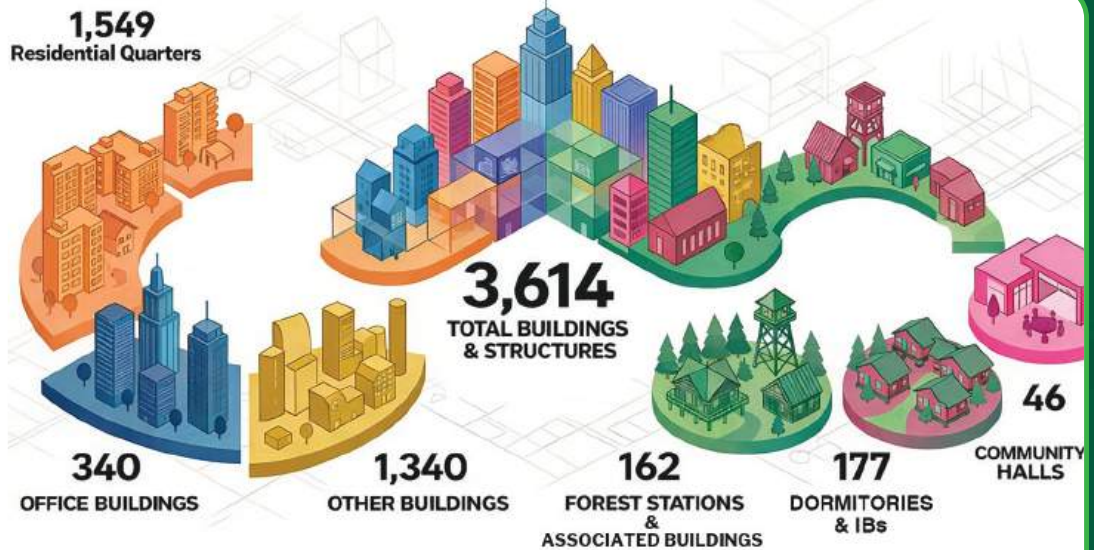


Local Empowerment



Conservation Efforts

Building Infrastructure Inventory



Revenue

REVENUE FROM TIMBER



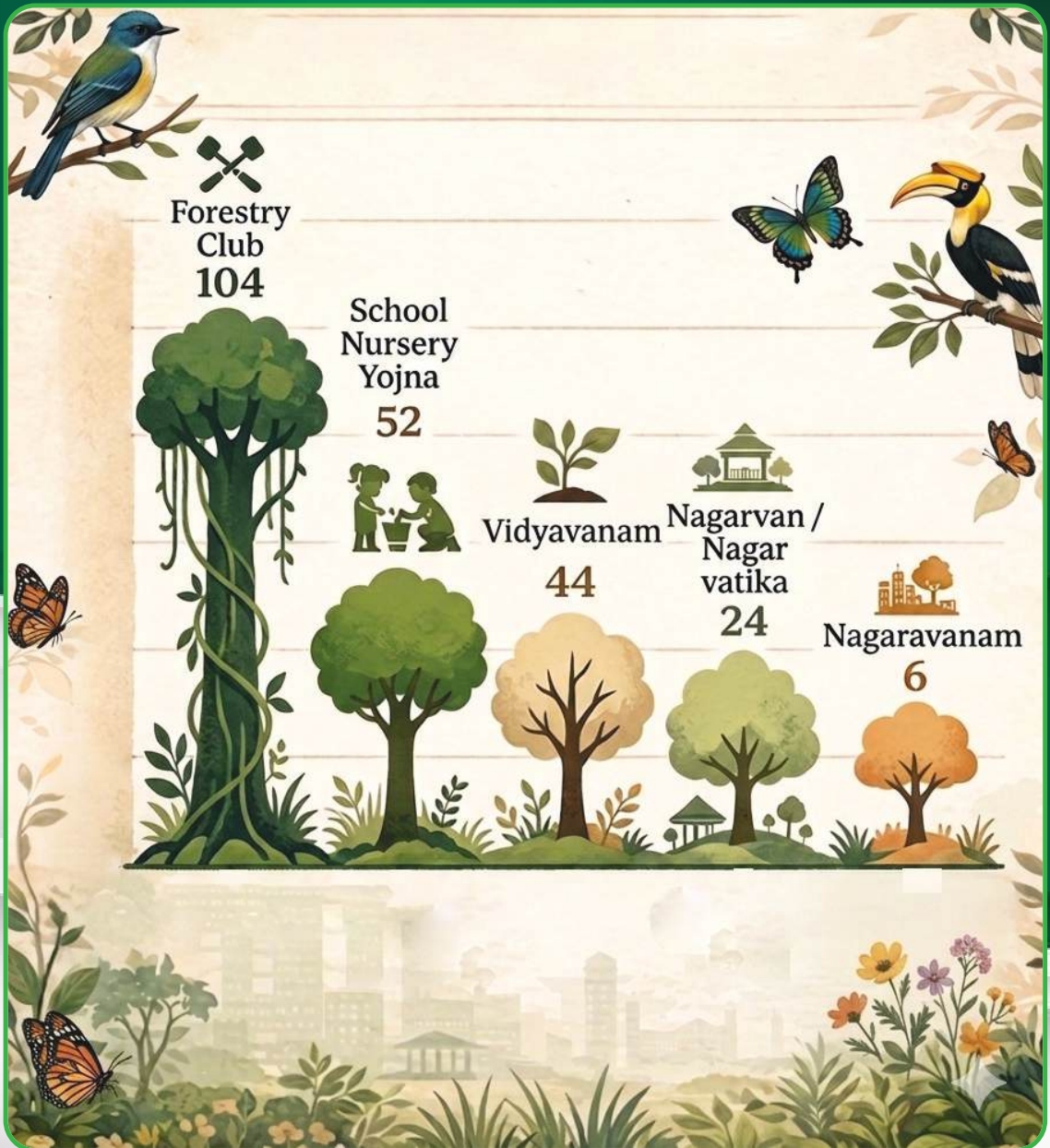
₹234.52 CRORE

TOTAL REVENUE (ALL SOURCES)



INCOME
FROM ALL OPERATIONS:
₹261.04 CRORE

Biodiversity Conservation



Vriksha Samridhi

Vriksha Samridhi Scheme



30.15 Lakh
Seedlings Planted



23.86 Lakh
Seedlings Survived



Seedling raised & distributed



2,131,405
Seedlings Raised



2,131,000
Seedlings Distributed

Administrative Setup



Chapter – I

NATURAL RESOURCE MANAGEMENT

1.1 Introduction

Kerala, nestled within the Western Ghats of India, is renowned for its rich floral diversity. As part of the Western Ghats biodiversity hotspot, the state's forests harbor approximately 4,000 species of flowering plants, including numerous endemic and rare varieties. These forests are broadly classified into tropical wet evergreen, moist deciduous, dry deciduous, and montane shola-grassland ecosystems, each supporting a distinctive assemblage of plant life. Notable species include the Malabar rosewood (*Dalbergia latifolia*), *Cullenia exarillata* and an array of orchids, ferns and mosses. Additionally, Kerala's forests sustain economically significant species such as teak, rubber and a variety of spices, including pepper, cardamom and cinnamon. These forests play a crucial role in maintaining ecological equilibrium by providing essential ecosystem services such as carbon sequestration, water regulation and habitat for diverse wildlife. Preserving these invaluable forest ecosystems is imperative to safeguard the region's floral wealth and ensure environmental sustainability for future generations.

1.2 Flora

Floristic diversity of Kerala

Kerala exhibits an extraordinary floristic diversity, with approximately 5,679 species of flowering plants distributed across 1,500 genera and 229 families. The most dominant plant families include Leguminosae, Poaceae, and Orchidaceae, while prominent genera include Impatiens, Crotalaria and Cyperus. Notably, around 1,700 plant species are endemic to peninsular India. Kerala is home to approximately 855 tree species, many of which exhibit high levels of endemism. Among the exotic species found in the region, *Chromolaena odorata* and *Lantana camara* pose invasive threats, whereas species such as *Ipomoea mauritiana* and *Vitex negundo* hold significant medicinal value. Idukki district, despite lacking coastal or backwater ecosystems, is the most species-rich region in Kerala, hosting an impressive 3,336 taxa. Conversely, Alappuzha district harbors the highest number of aquatic plant species, predominantly grasses. The lowest floristic diversity in terms of flowering plant species has been recorded in Kasaragod district. District-wise number of flowering species is shown below.

Table 1.1
District-wise number of flowering species

	District	Number of Species
1	Thiruvananthapuram	2794
2	Kollam	2640
3	Pathanamthitta	2050
4	Alappuzha	1676

	District	Number of Species
5	Kottayam	1745
6	Idukki	3780
7	Ernakulam	2248
8	Thrissur	2443
9	Palakkad	3446
10	Malappuram	2288
11	Wayanad	2853
12	Kozhikkode	2202
13	Kannur	2592
14	Kasaragod	1715

Source: *KFRI*

Natural Forests

Kerala's natural forests are lush and diverse, encompassing tropical wet evergreen, moist deciduous, and dry deciduous ecosystems. These forests serve as vital habitats for a plethora of plant and animal species, playing a fundamental role in ecological balance. They contribute to wildlife conservation, regulate water flow, and enhance overall environmental stability. Sustainable forest management and conservation initiatives are essential to protect Kerala's rich biodiversity and ensure ecological security for future generations.

Forest area

Out of the total geographical area of 38,863 sq. km, the forest area accounts for 11,536.251 sq. km. This indicates that a significant portion of the land area is under forest cover, highlighting the importance of forests in maintaining ecological balance, biodiversity conservation, and environmental sustainability.

Graph 1.1 Kerala - Geographical Area Vs. Forest Area: Percentage Distribution



Table 1.2
Circle-wise forest area

Name of circle	Area (km ²)
Southern Circle	2324.632
High Range Circle	1913.165
Central Circle	1385.525
Eastern Circle	1822.495
Northern Circle	1112.169
Agasthyavanam Biological Park	385.616
Field Director (Periyar TR)	1297.276
Field Director (Parambikulam TR)	1287.372
SF Central Region	6.253
SF Southern Region	1.748
Total Area	11536.251

Graph 1.2 Circle-wise Forest area distribution – 2023-24 (km²)

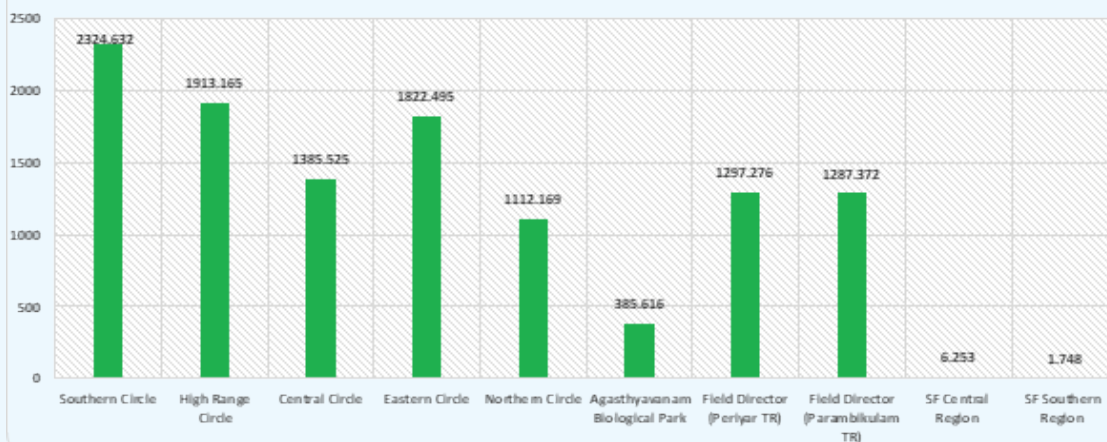


Table 1.3
Division-wise forest area

Sl No	Division	Area (km ²)	Sl No	Division	Area (km ²)
1	Thiruvananthapuram	372.494	6	Konni	331.655
2	Thenmala	148.980	7	Kottayam	663.696
3	Achenkovil	285.869	8	Kothamangalam	318.311
4	Ranni	911.122	9	Munnar	775.881
5	Punalur	274.512	10	Mankulam	90.057

Sl No	Division	Area (km ²)	Sl No	Division	Area (km ²)
11	Marayoor	65.220	26	Thiruvananthapuram WL	211.980
12	Vazhachal	353.414	27	Schendurney WL	173.636
13	Chalakkudy	208.011	28	Periyar East (Thekkady)	709.675
14	Malayattoor	610.959	29	Periyar West (Peerumedu)	216.000
15	Thrissur	213.141	30	Munnar wildlife	241.077
16	Mannarkkad	431.309	31	Idukki wildlife	130.524
17	Nilambur North	440.015	32	Parambikulam Tiger Reserve	376.900
18	Nilambur South	326.990	33	Wayanad wildlife	344.584
19	Palakkad	263.242	34	Silent Valley wildlife	237.491
20	Nenmara	360.938	35	Peechi wildlife	243.017
21	Kozhikkode	311.656	36	Aralam wildlife	85.380
22	Wayanad North	223.823	37	Mangalavanam BS	0.027
23	Wayanad South	295.227	38	NSC Kalady	6.226
24	Kannur	158.672	39	SF Alappuzha	1.748
25	Kasargod	122.791			
Total forest area - 11536.251 km ²					

Forest area as per legal status

As of 2023-24, the total forest area under the administrative jurisdiction of the Kerala Forest Department stands at 11,536.251 km², constituting 29.68% of the state's total land area (38,863 km²). In the year 2023-24, an additional 4.343 km² was incorporated into the existing forest area. This increase is attributed to:

- The addition of 3.897 km² under reserved and proposed reserved forests.
- The exclusion of 0.023 km² under ecologically fragile land.
- The restoration of 0.408 km² under vested forest land.

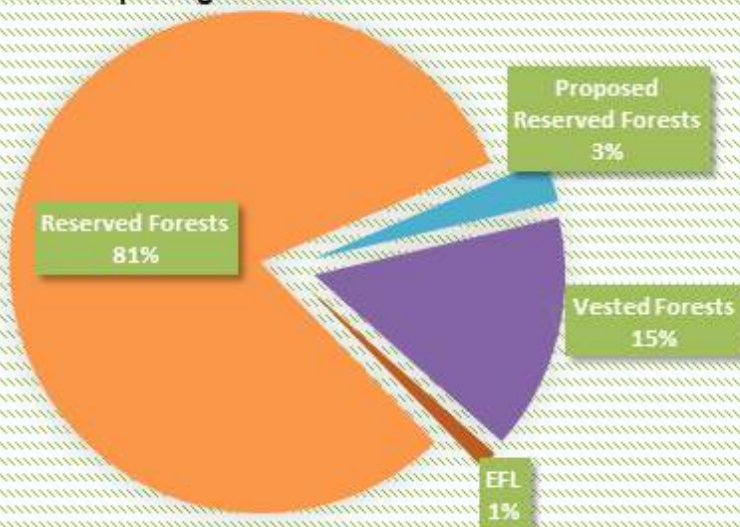
Preserving and expanding Kerala's forest cover is crucial for biodiversity conservation, climate regulation, and the sustainable utilization of natural resources.

Total Forest Area in the State 11536. 251 km²

Table 1.4
Forest area as per legal status (km²)

Forest Type	Area	percentage
Reserved Forests (RF)	9311.908	80.72
Proposed Reserved Forests (PRF)	322.599	2.80
Vested Forests (VF)	1762.580	15.28
Ecological Fragile Land (EFL)	139.164	1.20
Total	11536.251	100

Graph 1.3 Forest area as per legal status



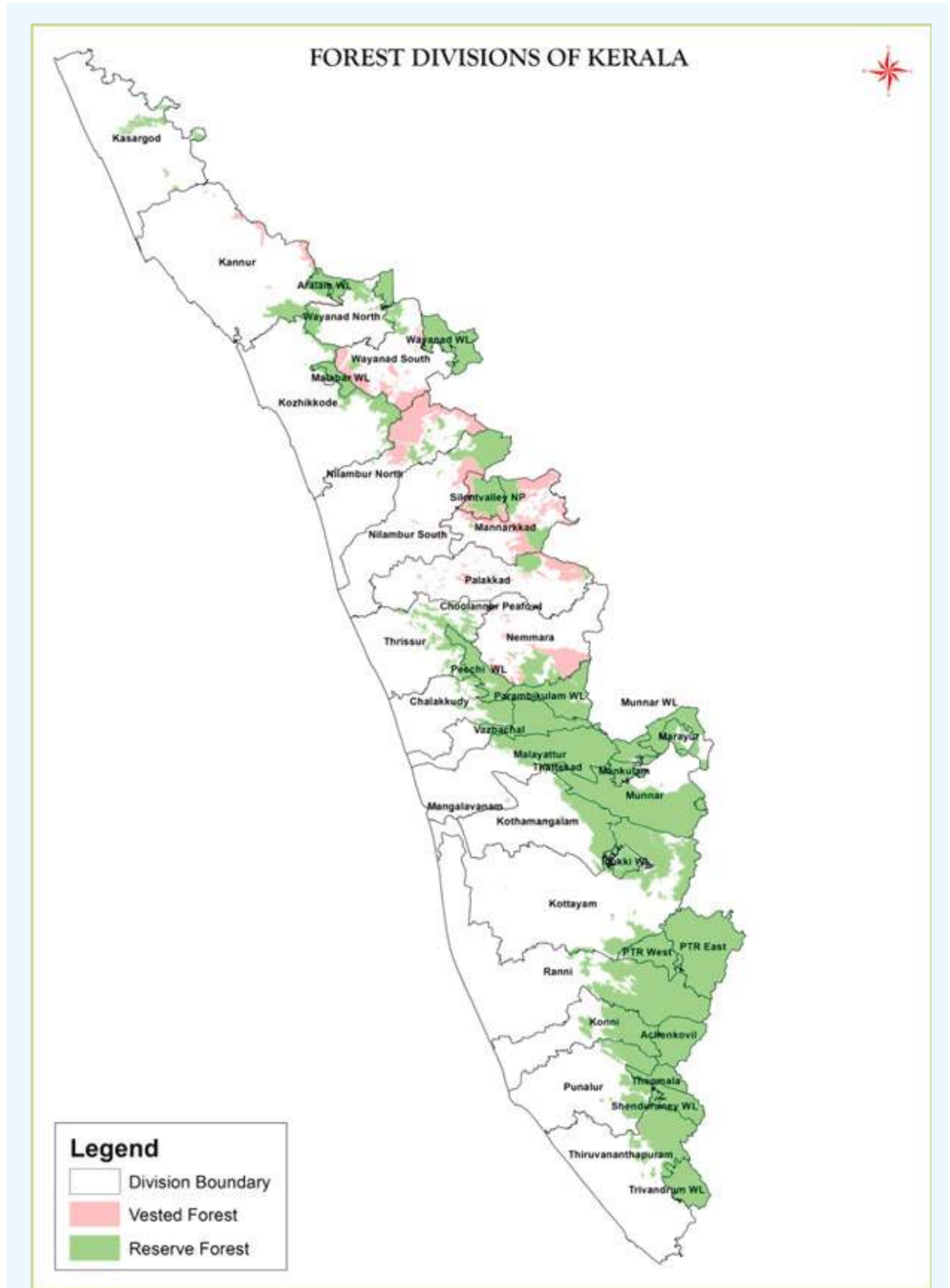


Table 1.5
Circle-wise forest area as on 31.03.2024 (km²)

Sl. No.	Name of Circle	Reserved Forests	Proposed Reserved	Vested Forests	EFL	Total	% of Total
1	Southern Circle	2281.234	24.190	10.096	9.112	2324.632	20.15
2	High Range Circle	1640.455	229.562	32.863	10.285	1913.165	16.58
3	Central Circle	1378.120	2.212	4.306	0.886	1385.524	12.01
4	Eastern Circle	759.798	0.416	1002.001	60.280	1822.495	15.80
5	Northern Circle	406.058	58.674	593.468	53.969	1112.169	9.64
6	Agasthyavanam Biological Park	375.356	5.680	4.226	0.354	385.616	3.34
7	Field Director (Periyar TR)	1296.601	0.000	0.000	0.675	1297.276	11.25
8	Field Director (Parambikulam TR)	1168.060	0.089	115.620	3.603	1287.372	11.16
9	SF Central Region	6.226	0.027	0.000	0.000	6.253	0.05
10	SF Southern Region	0.000	1.748	0.000	0.000	1.748	0.02
GRAND TOTAL		9311.908	322.599	1762.580	139.164	11536.251	100

Table 1.6
Division-wise forest area as on 31.03.2024 (km²)

Sl. No.	Division	Reserved Forests	Proposed Reserved	Vested Forests	EFL	Total	% of Total
	SOUTHERN CIRCLE						
	SOUTHERN CIRCLE TOTAL	2281.234	24.190	10.096	9.112	2324.632	20.15
1	Thiruvananthapuram	359.124	5.825	0.376	7.169	372.494	3.23
2	Thenmala	140.750	0.000	7.775	0.455	148.980	1.29
3	Achencoil	284.330	0.000	0.208	1.331	285.869	2.48
4	Ranni	902.329	7.225	1.568	0.000	911.122	7.90
5	Punalur	274.148	0.038	0.169	0.157	274.512	2.38
6	Konni	320.553	11.102	0.000	0.000	331.655	2.87
	HIGH RANGE CIRCLE						
	HIGH RANGE CIRCLE TOTAL	1640.455	229.562	32.863	10.285	1913.165	16.58
7	Kothamangalam	317.604	0.549	0.158	0.000	318.311	2.76
8	Munnar*	693.535	76.536	0.662	5.148	775.881	6.73
9	Marayoor	15.416	47.257	0.076	2.471	65.220	0.57
10	Mankulam	0.000	90.057	0.000	0.000	90.057	0.78
11	Kottayam**	613.900	15.163	31.967	2.666	663.696	5.75
	CENTRAL CIRCLE						
	CENTRAL CIRCLE TOTAL	1378.120	2.212	4.306	0.886	1385.524	12.01
12	Vazhachal	353.414	0.000	0.000	0.000	353.414	3.06

Sl. No.	Division	Reserved Forests	Proposed Reserved	Vested Forests	EFL	Total	% of Total
13	Chalakudy	207.940	0.031	0.000	0.040	208.011	1.80
14	Malayattoor	609.725	1.234	0.000	0.000	610.959	5.30
15	Thrissur	207.041	0.948	4.306	0.846	213.141	1.85
16	EASTERN CIRCLE						
	EASTERN CIRCLE TOTAL	759.798	0.416	1002.001	60.280	1822.495	15.80
	Mannarkkad	150.732	0.000	271.440	9.138	431.309	3.74
17	Nilambur North	58.393	0.345	371.720	9.557	440.015	3.81
18	Nilambur South	267.599	0.033	57.555	1.803	326.990	2.83
19	Palakkad	73.410	0.000	159.750	30.082	263.242	2.28
20	Nenmara	209.664	0.038	141.536	9.701	360.938	3.13
21	NORTHERN CIRCLE						
	NORTHERN CIRCLE TOTAL	406.058	58.674	593.468	53.969	1112.169	9.64
	Kozhikode	24.390	38.385	233.535	15.346	311.656	2.70
22	Wayanad North	134.058	15.107	65.576	9.082	223.823	1.94
23	Wayanad South	67.679	3.774	203.272	20.502	295.227	2.56
24	Kannur	93.361	0.021	60.380	4.910	158.672	1.38
25	Kasaragod	86.570	1.387	30.705	4.129	122.791	1.06
26	AGASTHYAVANAM BIOLOGICAL PARK						
	A B P CIRCLE TOTAL	375.356	5.680	4.226	0.354	385.616	3.34
	Thiruvananthapuram	211.980	0.000	0.000	0.000	211.980	1.84
27	Shendurney	163.376	5.680	4.226	0.354	173.636	1.50

Sl. No.	Division	Reserved Forests	Proposed Reserved	Vested Forests	EFL	Total	% of Total
28	Field Director(Periyar TR)						
	FIELD DIRECTOR (PERIYAR TR) CIRCLE TOTAL	1296.601	0.000	0.000	0.675	1297.276	11.24
	Periyar East	709.000	0.000	0.000	0.675	709.675	6.15
	Periyar West	216.000	0.000	0.000	0.000	216.000	1.87
	Munnar WL	241.077	0.000	0.000	0.000	241.077	2.09
31	Idukki WL	130.524	0.000	0.000	0.000	130.524	1.13
32	Field Director (Parambikulam TR)						
	FIELD DIRECTOR (PARAMBIKULAM TR) CIRCLE TOTAL	1168.060	0.089	115.620	3.603	1287.372	11.16
	Parambikulam	376.900	0.000	0.000	0.000	376.900	3.27
	Wayanad WL	344.443	0.089	0.000	0.052	344.584	2.99
	Silent Valley	154.380	0.000	79.679	3.432	237.491	2.06
	Peechi	239.597	0.000	3.301	0.119	243.017	2.11
	Aralam	52.740	0.000	32.640	0.000	85.380	0.74
	SF CENTRAL REGION						
37	SF CENTRAL REGION TOTAL	6.226	0.027	0.000	0.000	6.253	0.05
	NSC Kalady	6.226	0.000	0.000	0.000	6.226	0.05
	Mangalavanam BS	0.000	0.027	0.000	0.000	0.027	0.00
39	SF SOUTHERN REGION						
	SF SOUTHERN REGION TOTAL	0.000	1.748	0.000	0.000	1.748	0.02
	Social Forestry, Alappuzha	0.000	1.748	0.000	0.000	1.748	0.02
	GRAND TOTAL	9311.908	322.599	1762.580	139.164	11536.251	100%

*Includes an extent of 372.98 km² of Cardamom Hill Reserves (CHR) in Munnar Division

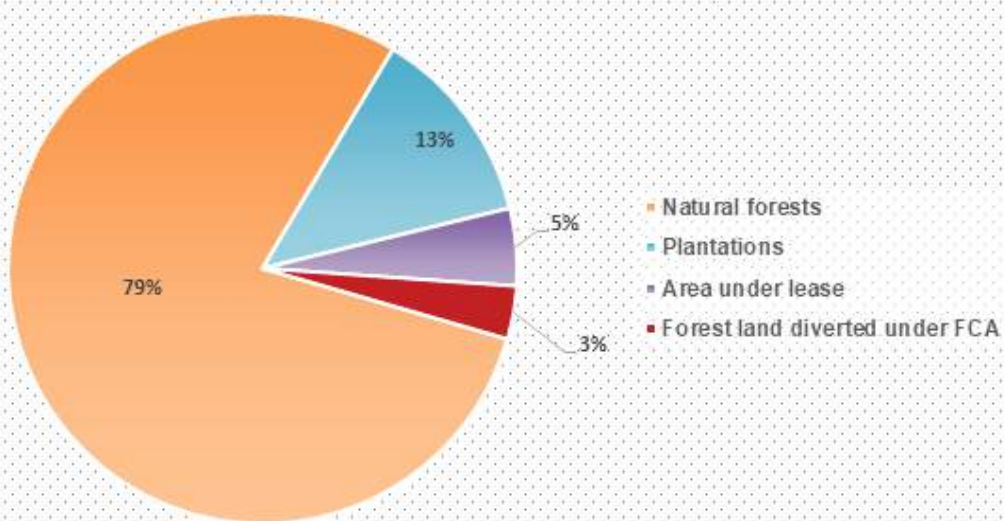
** Includes an extent of 479.258 km² of Cardamom Hill Reserves (CHR) in Kottayam Division

Forest area as per land use pattern

Table 1.7
Forest area as per land use pattern

No.	Land use pattern	Area (km ²)	Percentage
1	Natural forests	9128.349	79.13
2	Plantations	1457.463	12.63
3	Area under lease	566.130	4.91
4	Forest land diverted under FCA	384.309	3.33
TOTAL		11536.251	100

Graph 1.4 Forest Area proportion with land use categories (km²)



Forest area diverted for non-forestry purposes

As per the Forest Conservation Act, 1980, a total of 384.309 km² of forest land has been diverted to various agencies for non-forestry purposes. In the year 2023-24 alone, 13.056 hectares of forest land were allocated for essential public utilities such as drinking water and hydel projects, roads and transmission lines.

Table 1.8
Details of area diverted to various 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	Defense	36.00	2	65.00	1	0.00	0.00
2	Dispensary/ Hospital	0.61	2	0.00	0	0.00	0.00
3	Drinking water	13.6339	74	6.71	1	0.26	1
4	Encroachment	28588.16	1	57176.00	1	0.00	0.00
5	Hydel	313.30	15	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	0.00
8	Rehabilitation	169.02	2	0.00	0	0.00	0.00
9	Road	44.8943	39	48.76	5	0.00	0.00
10	School	12.96	5	25.90	2	0.00	0.00
11	Transmission line	756.5749	73	739.86	10	351.99	9
12	Village electricity	30.6616	78	12.91	2	0.00	0.00
13	Others	8039.4911	97	85.26	5	158.20	4
	Total	38430.8758	416	58646.55	39	789.99	24

Vested Forests

Vested forests refer to private forests whose ownership and possession have been transferred to the government under Section 3 of the Kerala Private Forest (Vesting & Assignment) Act, 1971. These forests are legally recognized as reserved forests under Section 4 of the Act. During 2023-24, an area of 0.408 km² was restored under vested forests.

Table 1.9
Vested Forest - Division-wise distribution

Sl. No.	Division	Area (Ha)
1	Thiruvananthapuram	37.60
2	Thenmala	777.50
3	Achencoil	20.80

Sl. No.	Division	Area (Ha)
4	Ranni	156.80
5	Punalur	16.90
6	Munnar	66.20
7	Marayoor	7.60
8	Kottayam	3196.70
9	Kothamangalam	15.80
10	Thrissur	430.60
11	Mannarkkad	27144.00
12	Nilambur North	37172.00
13	Nilambur South	5755.55
14	Palakkad	15975.00
15	Nenmara	14153.60
16	Kozhikode	23353.50
17	Wayanad North	6557.60
18	Wayanad South	20327.20
19	Kannur	6038.00
20	Kasaragod	3070.50
21	Shendurney	422.60
22	Silent Valley	7967.90
23	Peechi	330.10
24	Aralam	3264.00
Grand Total		176258.00

Ecologically Fragile Lands (EFL)

The state of Kerala has declared approximately 13916.40 hectares as ecologically fragile land. However, an extent of 723.5482 hectares has been de-notified through various redressal mechanisms under the EFL Act.

Table 1.10
Division-wise extent of Ecologically Fragile Lands

Sl. No.	Division	Area (Ha)
1	Thiruvananthapuram	716.90
2	Thenmala	45.50
3	Achencoil	133.10
4	Punalur	15.70
5	Munnar	514.80
6	Marayoor	247.10

Sl. No.	Division	Area (Ha)
7	Kottayam	266.60
8	Chalakudy	4.00
9	Thrissur	84.60
10	Mannarkkad	913.80
11	Nilambur North	955.70
12	Nilambur South	180.30
13	Palakkad	3008.20
14	Nenmara	970.10
15	Kozhikode	1534.60
16	Wayanad North	908.20
17	Wayanad South	2050.20
18	Kannur	491.00
19	Kasaragod	412.90
20	Shendurney	35.40
21	Periyar (E)	67.50
22	Wayanadu (WL)	5.20
23	Peechi	11.90
24	Silent Valley	343.20
GRAND TOTAL		13916.40

Plantations

The Kerala Forest Department manages several plantations across the state, primarily cultivating teak and other commercially valuable species. These plantations serve as a sustainable source of timber and forest products, significantly contributing to the department's revenue. The department employs modern forestry techniques to enhance productivity while ensuring ecological sustainability.

Table 1.11
Distribution of plantation area

Sl. No.	Category	Area (Ha)
1	Territorial Divisions	141623.703
2	Wildlife Divisions	4122.613
STATE TOTAL		145746.316

Table 1.12
Abstract of plantation area - species-wise

Sl. No.	Plantation	Area (Ha)	Percentage
1	Hardwood	86686.666	59.48
2	Softwood	5208.355	3.57
3	Bamboo, Reeds& Rattan	6324.535	4.34
4	Plantation Crops	2870.692	1.97
5	Medicinal Plants	2045.469	1.40
6	Eco-Restoration Plantation	10144.875	6.96
7	Mangroves	328.068	0.22
8	Mixed Miscellaneous Plantation	32137.656	22.05
STATE TOTAL		145746.316	100

Table 1.13
Distribution of plantation area - species-wise

Sl. No.	Name of Species -Common Name	Botanical Name	Area (Ha)	% to total plantation
1	Teak	Tectona grandis	55994.301	38.42
2	Teak - Elavu	-	11484.828	7.88
3	Rosewood	Dalbergia latifolia	89.380	0.06
4	Mahogany	Swietenia macrophylla	460.043	0.32
5	Sandalwood	Santalum album	197.898	0.14
6	Anjili	Artocarpus hirsutus	616.420	0.42
7	Kambakam	Mallotus philippensis	194.960	0.14
8	Casuarina	Casuarina equisetifolia	118.870	0.08
9	Venteak	Lagerstroemia microcarpa	2.023	0.00
10	Vengai	Pterocarpus marsupium	9.712	0.01
11	Hardwood Miscellaneous	-	557.640	0.38
12	Silver Oak	Gravellia robusta	948.680	0.65
13	Pine	Pinus spp.	546.400	0.37

Sl. No.	Name of Species -Common Name	Botanical Name	Area (Ha)	% to total plantation
14	Alnus	Alnus nepalensis	74.350	0.05
15	Vellakil	-	100.00	0.07
16	Siris	Albizia lebbbeck	61.540	0.04
17	Balsa	Ochroma pyramidale	21.040	0.01
18	Matti	Ailanthus triphysa	488.010	0.33
19	Elavu	Bombax ceiba	80.240	0.06
20	Kumbil	Gmelina arborea	115.580	0.08
21	Malaveppu	Meliadubia	48.500	0.03
22	Other Softwood	-	762.425	0.52
23	Northern black wattle	Acacia auriculiformis	7042.424	4.83
24	Mangium	Acacia mangium	2767.557	1.90
25	Blue gum	Eucalyptus tereticornis	6989.070	4.80
26	Wattle	Acacia spp.	2123.130	1.46
27	Bamboo	Bambusa spp.	3942.005	2.70
28	Reeds	Ochlandra spp.	644.110	0.44
29	Common rattan	Calamus rotang	1738.420	1.19
30	Rubber	Hevea brasiliensis	42.100	0.03
31	Cashew	Anacardium occidentale	2796.69	1.92
32	Pepper	Piper nigrum	30.000	0.02
33	Tea	Camellia sinensis	1.902	0.00
34	Medicinal plants	-	2035.829	1.40
35	Agave	Agave americana	9.640	0.01
36	Mangroves	Rhizophora spp.	328.068	0.23
37	Mixed Miscellaneous Plantation	-	32137.656	22.05
38	Eco Restoration Plan- tations Area	-	10144.875	6.96
STATE TOTAL			145746.316	100

Table 1.14
Circle-wise area of plantation (Abstract)

Sl. No	Name of Circle	Total
1	Southern Circle	50825.614
2	High Range Circle	25591.725
3	Central Circle	24574.379
4	Eastern Circle	18456.848
5	Northern Circle	22175.137
6	Wildlife & Social Forestry	4122.613
GRAND TOTAL		145746.316

Table-1.15
Division-wise area of plantation - species-wise

Sl. No	Name of Species	Southern Circle						Total
		TVM	Thenmala	Punalur	Konni	Ranni	Achencovil	
1	Teak	351.210	2498.640	1335.664	8211.900	3544.790	1253.880	17196.084
2	Teak - Elavu	349.390	248.730	285.410	-	1107.820	-	1991.350
3	Rosewood	-	9.280	-	72.000	-	-	81.280
4	Anjili	596.820	9.600	-	-	-	-	606.420
5	Kambakam	66.960	-	-	125.000	-	-	191.960
6	Hardwood Miscellaneous	89.140	-	221.970	-	-	-	311.110
7	Silver Oak	-	250.000	-	-	-	-	250.000
8	Siris (Albezia)	7.000	-	-	-	-	-	7.000
9	Balsa	-	-	-	21.040	-	-	21.040
10	Matti	13.100	-	29.640	-	-	-	42.740
11	Malaveppu	-	-	12.000	-	-	-	12.000
12	Softwood Miscellaneous	6.000	-	-	-	-	-	6.000
13	Northern Black wattle (Acacia)	1685.670	486.710	668.920	326.370	362.780	-	3530.450

Sl. No	Name of Species	Southern Circle						Total
		TVM	Thenmala	Punalur	Konni	Ranni	Achencovil	
14	Mangium	804.520	81.570	1122.960	-	-	-	2009.050
15	Blue Gum (Eucalyptus)	235.910	620.610	656.650	30.000	8.100	-	1551.270
16	Bamboo	94.680	114.960	156.220	274.500	220.080	-	860.440
17	Reeds	-	3.000	-	-	235.960	-	238.960
18	Rattans	-	32.700	-	336.500	85.430	-	454.630
19	Cashew	131.500	-	-	-	-	-	131.500
20	Medicinal Plants	467.120	18.360	134.880	231.750	-	-	852.110
21	Eco-Restoration Plantation Area	-	-	-	68.920	-	9656.165	9725.085
22	Mixed Miscellaneous Plantations	914.690	2858.990	642.270	354.500	3530.690	2454.000	10755.140
	TOTAL	5813.710	7233.150	5266.584	10052.480	9095.645	13364.045	50825.614

Sl. No	Name of Species	High Range Circle					Total
		Kothamangalam	Munnar	Marayoor	Mankulam	Kottayam	
1	Teak	4472.638	786.950	-	-	3204.096	8463.684
2	Teak - Elavu	-	-	-	-	1000.781	1000.781
3	Rosewood	8.100	-	-	-	-	8.100
4	Mahogani	15.240	-	-	3.500	0.670	19.410
5	Sandalwood	-	-	39.858	-	-	39.858
6	Anjili	10.000	-	-	-	-	10.000
7	Kambakam	-	-	-	3.000	-	3.000
8	Venteak	-	-	-	-	2.023	2.023
9	Vengai	-	-	-	-	9.712	9.712
10	Hardwood Miscellaneous	-	-	-	23.000	25.000	48.000
11	Silver Oak	-	95.320	-	67.600	5.000	167.920
12	Pine	-	485.000	-	-	61.400	546.400
13	Alnus	-	61.600	-	12.750	-	74.350
14	Matti	127.900	156.840	-	-	11.000	295.740
15	Elavu	11.550	20.990	-	-	-	32.540
16	Vellakil	-	-	-	100.000	-	100.000

Sl. No	Name of Species	High Range Circle					Total
		Kothaman-galam	Munnar	Marayoor	Mankulam	Kottayam	
17	Northern Black wattle (Acacia)	14.200	-	100.000	-	28.500	142.700
18	Mangium	235.477	-	-	12.750	-	248.227
19	Blue Gum (Eucalyptus)	161.310	3340.790	20.000	50.000	363.600	3935.700
20	Wattle	-	1320.790	801.340	-	-	2122.130
21	Bamboo	67.600	598.150	90.800	53.100	228.281	1037.931
22	Reeds	-	-	-	286.690	-	286.690
23	Rattans	214.950	-	-	68.560	138.600	422.110
24	Cashew	54.000	-	-	-	-	54.000
25	Tea	-	-	-	-	1.902	1.902
26	Medicinal Plants	-	-	-	83.800	224.000	307.800
27	Eco-Restoration Plantation Area	-	25.720	-	-	29.000	54.720
28	Mixed Miscellaneous Plantations	1140.160	2232.820	94.400	129.080	2559.840	6156.300
	TOTAL	6533.122	9124.970	1146.398	893.830	7893.405	25591.725

Sl. No	Name of Species	Central Circle				Total
		Vazhachal	Chalakkudy	Malayattoor	Thrissur	
1	Teak	3780.780	3311.480	4878.030	1424.323	13394.613
2	Teak - Elavu	1676.420	-	2627.510	252.570	4556.500
3	Matti	-	-	10.300	55.920	66.220
4	Elavu	-	47.700	-	-	47.700
5	Kumbil	-	-	94.620	-	94.620
6	Malaveppu	-	-	-	36.500	36.500
7	Northern Black wattle (Acacia)	-	-	1192.980	1172.290	2365.265
8	Mangium	-	-	145.000	40.450	185.450
9	Blue Gum (Eucalyptus)	-	-	17.250	151.500	168.750
10	Bamboo	-	32.900	74.700	160.620	268.220
11	Cashew	-	136.820	-	495.679	632.499

Sl. No	Name of Species	Central Circle				Total
		Vazhachal	Chalakkudy	Malayattoor	Thrissur	
12	Medicinal Plants	-	-	-	90.310	90.310
13	Eco-Restoration Plantation Area	-	-	-	264.450	264.450
14	Mixed Miscellaneous Plantations	-	198.600	62.300	2142.380	2403.280
	TOTAL	5457.200	3727.500	9102.690	6286.989	24574.379

Sl. No	Name of Species	Eastern Circle					Total
		Mannarkkad	Nilambur(N)	Nilambur(S)	Palakkad	Nenmara	
1	Teak	366.530	3718.310	4520.130	1798.580	1181.660	11585.209
2	Mahogani	-	142.680	-	-	2.380	145.055
3	Sandalwood	-	-	-	-	100.320	100.320
4	Casuarina	-	-	-	32.630	-	32.630
5	Hardwood Miscellaneous	15.200	-	-	34.270	6.060	55.530
6	Silver Oak	-	-	-	-	40.000	40.000
7	Matti	-	-	-	5.000	-	5.000
8	Softwood Miscellaneous	-	58.000	-	-	-	58.000
9	Northern Black wattle (Acacia)	164.540	-	-	35.820	105.240	305.600
10	Blue Gum (Eucalyptus)	143.920	41.580	-	41.920	110.420	337.840
11	Bamboo	32.600	829.920	-	108.550	69.300	1040.374
12	Rattans	17.400	421.560	-	65.880	22.240	527.080
13	Cashew	128.247	284.009	-	27.040	214.440	653.736
14	Medicinal Plants	72.460	198.778	-	85.520	11.280	368.038
15	Mixed Miscellaneous Plantations	237.190	732.760	206.760	1238.340	787.380	3202.440
	TOTAL	1178.087	6427.596	4726.893	3473.550	2650.722	18456.848

Sl. No	Name of Species	Northern Circle					Total
		Kozhikode	Wayanad(N)	Wayanad(S)	Kannur	Kasargod	
1	Teak	-	483.700	2330.050	406.020	800.950	4020.724
2	Teak - Elavu	-	1017.030	-	2319.430	-	3336.460
3	Mahogani	-	62.040	-	73.890	159.650	295.578
4	Sandalwood	-	-	-	-	57.720	57.720
5	Casuarina	-	-	-	-	86.240	86.240
6	Hardwood Miscellaneous	-	-	4.000	-	-	4.000
7	Silver Oak	-	15.920	474.840	-	-	490.760
8	Matti	-	78.310	-	-	-	78.310
9	Kumbil	-	-	-	-	20.960	20.960
10	Softwood Miscellaneous	-	135.310	29.900	533.220	-	698.425
11	Northern Black wattle (Acacia)	-	192.800	357.490	-	76.220	626.509
12	Mangium	-	65.000	-	238.830	21.000	324.830
13	Blue Gum (Eucalyptus)	-	201.640	691.780	-	-	893.420
14	Wattle	-	1.000	-	-	-	1.000
15	Bamboo	-	319.000	280.000	10.000	-	609.000
16	Reeds	-	36.000	82.460	-	-	118.460
17	Rattans	-	195.600	40.000	89.000	-	324.600
18	Cashew	-	12.140	-	107.250	1127.715	1247.105
19	Pepper	-	30.000	-	-	-	30.000
20	Medicinal Plants	-	237.820	70.141	62.000	-	369.961
21	Mangrove	-	-	-	251.980	76.090	328.068
22	Eco-Restoration Plantation Area	90.620	10.000	-	-	-	100.620
23	Mixed Miscellaneous Plantations	-	1460.560	5738.450	727.280	186.100	8112.390
	TOTAL	90.620	4553.870	10099.108	4818.900	2612.639	22175.137

Sl. No	Name of Species	Wildlife & Social Forestry				Total
		TVM WL	Silent Vally	Peechi	NSC Kalady	
1	Teak	42.580	437.300	691.890	162.217	1333.987
2	Teak - Elavu	-	-	599.740	-	599.737
3	Hardwood Miscellaneous	-	139.000	-	-	139.000
4	Siris (Albezia)	54.540	-	-	-	54.540
5	Northern Black wattle (Acacia)	58.500	-	-	-13.400	71.900
6	Blue Gum (Eucalyptus)	44.200	57.890	-	-	102.090
7	Bamboo	102.540	-	-	23.500	126.040
8	Rattans	10.000	-	-	-	10.000
9	Cashew	-	-	35.000	42.850	77.850
10	Rubber	42.100	-	-	-	42.100
11	Medicinal Plants	32.000	-	4.000	21.250	57.250
12	Mixed Miscellaneous Plantations	51.060	-	1119.150	337.910	1508.120
TOTAL		437.522	634.190	2449.774	601.127	4122.613

New plantations raised under various schemes during 2023-24.

The Kerala Forest Department generates a substantial portion of its non-tax revenue from timber sales. To ensure a steady supply of timber and revenue in the future, the department continues to establish new plantations. Details of the plantations raised during 2023-24 are listed in the table below.

Table - 1.16
New plantations raised under various schemes

Sl. No.	Scheme	Circle	Division	Area (Ha)
1	Hard Wood Species	Eastern Circle	Mannarkkad	10.00
			Nilambur (N)	10.50
			Nilambur (S)	21.70
	Sub Total			42.20

Sl. No.	Scheme	Circle	Division	Area (Ha)
2	Teak Revolving Fund (TRF)	Southern Circle	Konni	42.40
			Thenmala	21.50
		Eastern Circle	Nilambur (N)	9.20
	Sub Total			73.10
3	Kerala ForestDevelopment Fund (KFDF)	Eastern Circle	Palakkad	5.12
	Sub Total			5.12
4	RKDP Area (GAP Planting)	High Range Circle	Kothamangalam	3.00
	Sub Total			3.00
5	CAMPA	High Range Circle	Kottayam	2.30
		Eastern Circle	Nilambur (S)	15.00
		Northern Circle	Wayanad (N)	7.00
	Sub Total			24.30
6	Pulpwood Revolving Fund (PRF)	Southern Circle	Punalur	1.01
			Achenkovil	30.00
	Sub Total			31.01
7	NWFP	Eastern Circle	Palakkad	2.00
	Sub Total			2.00
8	NABARD-RIDF	Southern Circle	Thiruvananthapuram	36.08
			Thenmala	25.00
		Central Circle	Thrissur	101.00
		Eastern Circle	Nenmara	24.58
		Northern Circle	Kasargode	32.59
	Sub Total			219.25
9	Nagaravanam Yojana	High Range Circle	Kothamangalam	4.50
		Northern Circle	Kozhikkode	1.00
	Sub Total			5.50
10	GIM (Green India Mission)	High Range Circle	Munnar	10.00
		Northern Circle	Wayanad (N)	14.00
			Kozhikkode	1.04
	Sub Total			25.04
Grand Total				430.52

Table - 1.17
Circle-wise new plantations raised under various schemes

Name of Circle	Division	Name of Scheme	Name of Plantation	Area (Ha)
Southern Circle	Konni	TRF	2023 TP Kaikunnam	29.82
			2023 TP Parannthodu	12.58
	Thenmala	TRF	2023 TP Kattilappara	5.00
			2023 TP Kulathupuzha	7.50
			2023 TP Rajakoppu	9.00
		NABARD-RIDF	2001 Accasia mangium plantation, Uppukuzhi, Chaliyakkara	25.00
	Punalur	PRF	Mukkadavu	0.11
			Konkal	0.90
	Achankovil	PRF	2023 TP Mlanthadom	15.00
			2023 TP Pallimundan	15.00
	Thiruvananthapuram	NABARD-RIDF	2011 Accasia Auriculiformis plantation, Kundalamkuzhi	15.00
			2012 Accasia Auriculiformis plantation, Kundalamkuzhi	15.08
2012 Accasia Auriculiformis plantation, Kuttapara			6.00	
Sub Total				155.99
High Range Circle	Kottayam	CAMPA	Compansatory Afforotation works 1965 karikkattor, plachery forest staion (misc. Species)	0.80
			Compansatory Afforotation works Pulikunnu area vandanvathl forest staion (misc . Species)	1.50
	Kothamangalam	Nagarvanam yojana	Edavatty (Thodupuzha range)	3.00
			Thalakode depot (Kothamangalam range)	1.50
		RKDP Area (Gap planning)	Kaithappara, Manayathadam, Madathihotty (Thodupuzha range)	3.00
	Munnar	GIM	Shola species	10.00
Sub Total				19.80
Central Circle	Thrissur	NABARD-RIDF	Raising 2023-Kantanchira bit I ecorestoration planting	18.00
			Raising 2023-Kantanchira bit II ecorestoration planting	26.00
			Raising 2023-Kodumbu ecorestoration planting	13.00
			Raising 2023-Nelluwai ecorestoration planting	24.00
			Raising 2023-Arisseri ecorestoration planting	20.00
Sub Total				101.00

Name of Circle	Division	Name of Scheme	Name of Plantation	Area (Ha)
Eastern Circle	Nilambur North	TRF	2023 Edakkode Narukal bit I under Edakkode FS under Edavanna range	9.20
		HWS	2023 Edakkode Narukal bit II under Edakkode FS under Edavanna range	10.50
	Nilambur South	HWS	2023 TP Mundakadavu under Karulai range	21.70
		CAMPA	Ecorestoration 2003 churalipotty TP	15.00
	Mannarkkad	HWS	2023 TP Pottikal under Attapady range	10.00
	Palakkad	KFDF	Ecorestoration by planting RET species	5.12
		NWFP	Medicinal planting at Muttikulangara	1.00
			Kallparambu mixed plantation	1.00
	Nenmara	NABARD-RIDF	Vallaramkadavu ERZ	6.28
			Chemmanampathy ERZ (Bit I)	8.00
			Chappakaddu ERZ	2.30
			Seetharkundu ERZ	1.50
			Chemmanampathy ERZ (Bit II)	5.00
			Vellapparakunnu ERZ	1.50
Sub Total				98.10
Northern Circle	Kazargod	NABARD-RIDF	Kayyani palntation Misc plantation	10.48
			Vellacherry plantation Misc plantation	3.50
			Balavanthudukka plantation Misc plantation	2.11
			Kattipalam Plantation Misc plantation	16.50
	North Wayanad	GIM	Olenchery Mis Gap plantation	10.00
			Mladi Misc Gap plantation	4.00
		CAMPA	Pannimukkumthara	4.00
			Theerthavukunnu	3.00
	Kozhikode	Nagarvanam	Mangrooves	1.00
		GIM	Bamboo	1.04
Sub Total				55.63
Grand Total				430.52

Plantations under Kerala Forest Development Corporation (KFDC)

The Kerala Forest Development Corporation (KFDC), a state-owned public sector undertaking, was established on January 24, 1975, following the recommendations of the National Agricultural Commission (1972). Its primary objective is to mobilize institutional finance for large-scale forest plantations, covering over 80,000 hectares. These plantations support the development of wood-based industries in Kerala.

Table - 1.18
Species-wise plantation area of KFDC as on 31.03.2024

Sl. No.	Speceis	Area (Ha)
1	Teak	1387.890
2	Northern black wattle/ Mangium/Northern wattle	1741.837
3	Blue gum (Eucalyptus)	2598.821
4	Cardamom	994.710
5	Mahogany	9.400
6	Bamboo	739.576
7	Malaveppu (Melia Dubia)	86.762
8	Casuarina	6.020
9	Tea	100.670
10	Coffee	606.167
11	Cashew	334.163
12	Rubber	57.936
13	Pepper	3.800
14	Alnus	1.000
15	Sandal wood	17.970
16	Red Sanders	80.977
17	Siris (Albizia)	60.670
18	Kumbil (Gmelina)	53.084
19	Kanala	2.000
20	Kadambu	2.000
21	Pine	18.080
22	Miscellaneous	27.650
TOTAL		8931.183

Forest Cover

The forest cover includes all lands which have a tree canopy density of 10% and above and have a minimum area of 1 ha.

Table - 1.19
Forest cover classified in terms of canopy density classes

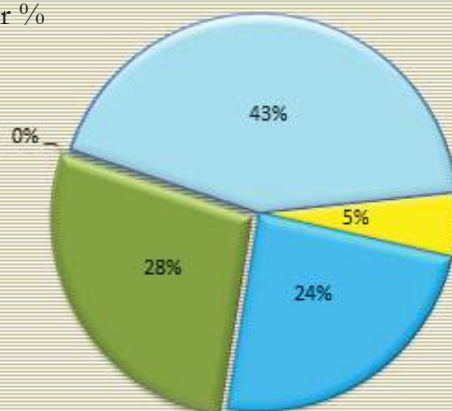
Class	Description
Very Dense forest	All lands with tree canopy density of 70% and above
Moderately Dense Forest	All lands with tree canopy density of 40% and more but less than 70%
Open Forest	All lands with tree canopy density of 10% and more but less than 40%
Scrub	Degraded forest lands with canopy density less than 10%
Non-Forest	Lands not included in any of the above classes.(includes water)

Table - 1.20
Classification of forest cover as per ISFR 2023

Class	Forest cover (km ²)	Forest cover (% of geographical area)
Very Dense Forest	2041	5.25
Moderately Dense Forest	9322	23.99
Open Forest	10696	27.53
Total Forest Cover *	22059	56.77
Scrub	29	0.06
Non-forest	16771	43.17

Graph 1.5 Classification of Forest Cover %

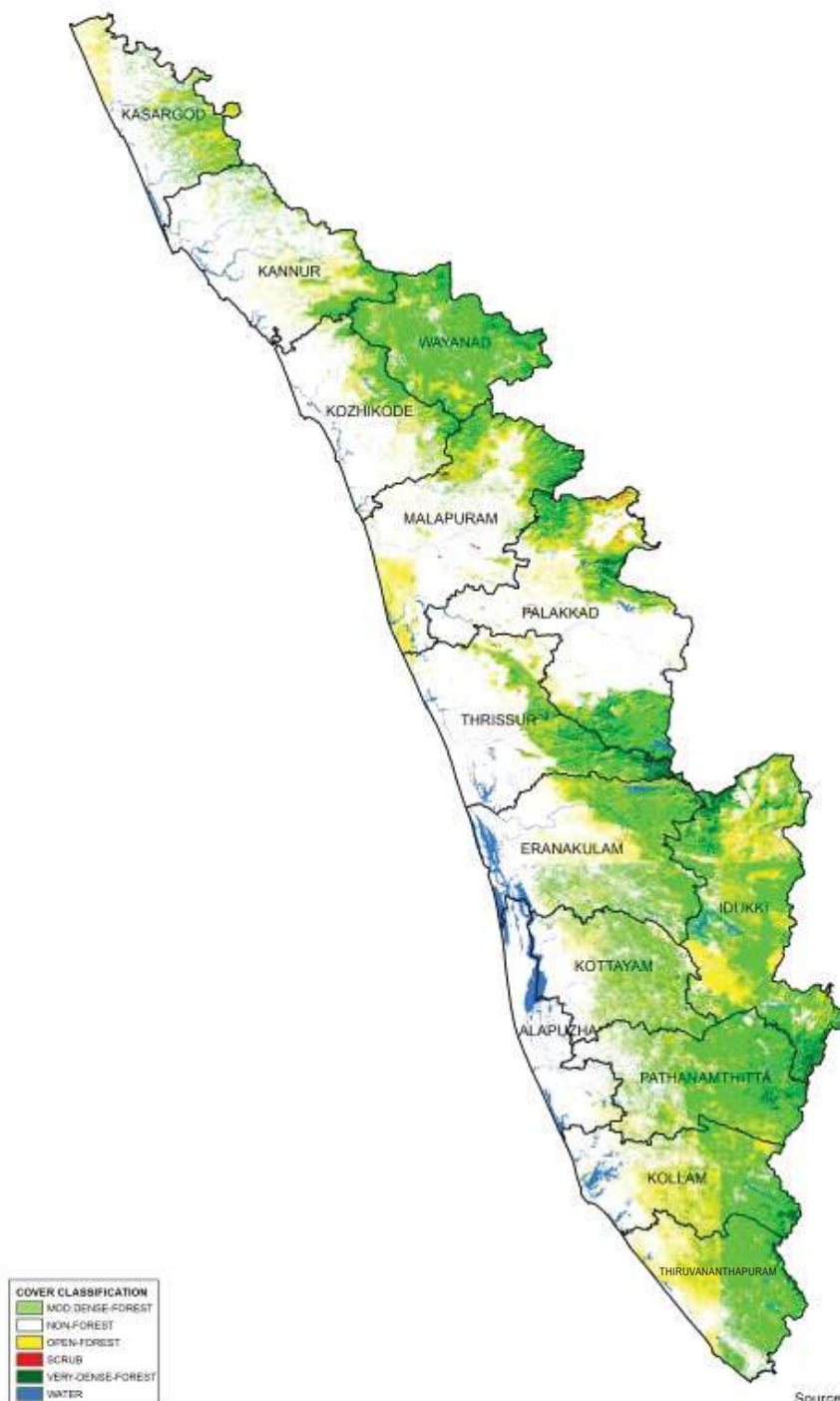
- Very Dense forest
- Moderately Dense Forest
- Open Forest
- Scrub
- Non-forest



*Includes 9.45 sq. km. under Mangrove Cover Percentage rounded off.

Source: ISFR2023

DISTRICT WISE FOREST COVER OF KERALA



Source : Forest Survey of India

District-wise Forest Cover

Among Kerala's districts, Idukki has the largest forest cover (3,211 km²), followed by Malappuram (2,165 km²), Palakkad (2,047 km²), Kozhikode (1,882 km²), and Kannur (1,832 km²). In terms of the percentage of forest cover relative to total geographical area, Kozhikode leads with 80.26%, followed by Wayanad (74.8%), Idukki (73.71%), Thiruvananthapuram (63.7%), and Kannur (61.87%).

In Kerala there are 10 Hill Districts identified by Planning Commission of India, these are marked by superscript (^H) in table 1.23.

Table - 1.21
District-wise forest cover (area in km²)

District	Geographic Area	2023 Assessment				Total Forest Cover 2021*	Change w.r.t 2021 assessment	Scrub
		Very Dense Forest	Moderately Dense Forest	Open Forest	Total Forest Cover 2023			
Thiruvananthapuram ^H	2189	63.49	700.46	630.52	1394.47	1384.38	10.09	0.08
Kollam ^H	2483	10.35	484.39	701.84	1196.58	1184.46	12.12	0.00
Pathanamthitta	2652	104.97	635.14	616.37	1356.48	1352.25	4.23	0.15
Alappuzha	1415	0.00	20.01	120.91	140.92	141.53	-0.61	0.00
Kottayam	2206	73.71	406.62	863.44	1343.77	1350.87	-7.10	0.85
Idukki ^H	4356	399.27	1808.42	1003.23	3210.92	3205.86	5.06	0.03
Ernakulam ^H	3063	190.46	631.53	647.02	1469.01	1471.01	-2.00	0.54
Thrissur	3027	244.63	469.92	575.48	1290.03	1279.24	10.79	0.00
Palakkad ^H	4482	164.07	1189.59	693.17	2046.83	2023.65	23.18	0.68
Malappuram ^H	3554	406.21	617.79	1140.83	2164.83	2161.31	3.52	12.01
Kozhikode ^H	2345	142.16	415.56	1324.34	1882.06	1873.19	8.87	6.75
Wayanad ^H	2130	183.83	1207.98	201.53	1593.34	1592.89	0.45	0.61
Kannur ^H	2961	57.64	493.12	1281.33	1832.09	1803.43	28.66	0.10
Kasaragode ^H	1989	0.38	241.29	896.36	1138.03	1101.87	36.16	0.08
State Total	38852	2041.17	9321.82	10696.37	22059.36	21925.94	133.42	21.88

H - Hill District

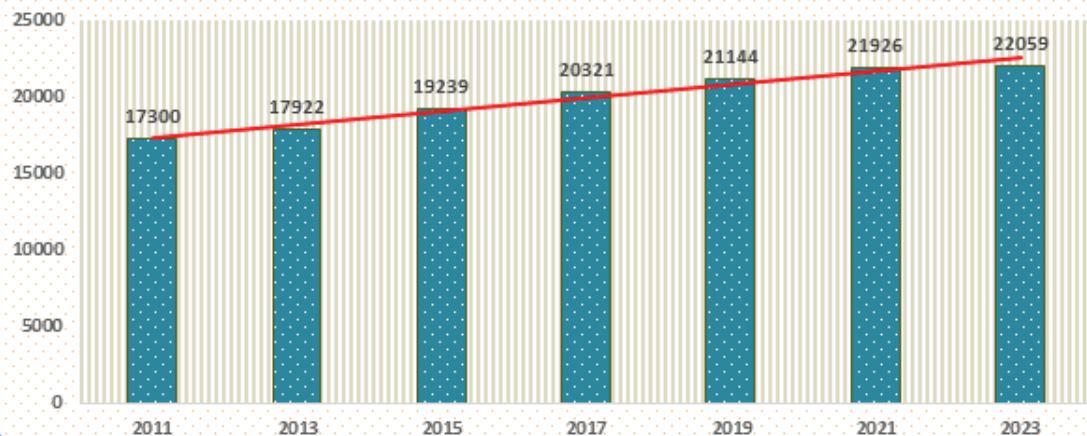
*Revised Forest Cover

Source: ISFR 2023

Graph 1.6 District - wise Forest Cover in Kerala (in km²)

Table - 1.22
Forest cover in Kerala from 2011 to 2023

Year	2011	2013	2015	2017	2019	2021	2023
Forest Cover(in km ²)	17300	17922	19239	20321	21144	21926	22059

Graph 1.7 Decadal Trend of Forest Cover: 2013 to 2024 (in km²)

Over the last 7 biennial assesments, the forest cover of the state has shown an increasing trend. The forest cover has risen from 17300 km² in the year 2011 assessment to 22059 km² as per the 2023 assessment, an increase of 4759 km².

Forest and Tree Cover

The India State of Forest Report (ISFR) 2023 presents an overall positive trend in the country's forest and tree cover. As per the report, India's total forest and tree cover together accounts for about 25% of the country's geographical area, reflecting gradual improvement over the years. Forest cover includes areas recorded as forests with canopy density above the prescribed limit, while tree cover refers to trees outside recorded forest areas such as in agricultural lands, urban areas, and along roads and canals.

The report highlights that tree cover plays an increasingly important role in enhancing overall green cover, carbon sequestration, and climate resilience. It also emphasizes the need for continued conservation, afforestation, and sustainable forest management to meet national environmental and climate goals.

As per the latest state-wise forest statistics, Kerala has a geographical area of 38,852 sq km, out of which 22,059.36 sq km is under forest cover and 2,905.94 sq km under tree cover. The combined forest and tree cover amounts to 24,965.30 sq km, constituting 64.26% of the State's total geographical area. This reflects Kerala's strong forest and green cover base compared to many other states in the country.

Table - 1.23
Forest and Tree Cover Status across States / UTs

State /UT	Geographical Area (km ²)	Total Forest Cover(km ²)	Tree Cover (km ²)	Forest Cover including Tree Cover (km ²)	Percentage of Forest and Tree Cover to GA
Andhra Pradesh	162,922.57	30,084.96	5,340.02	35,424.98	21.74
Arunachal Pradesh	83,743.22	65,881.57	1,201.63	67,083.20	80.11
Assam	78,438.00	28,313.55	2,101.46	30,415.01	38.78
Bihar	94,163.00	7,532.45	2,370.21	9,902.66	10.52
Chhattisgarh	135,192.00	55,811.75	6,538.70	62,350.45	46.12
Delhi	1,483.00	195.28	176.03	371.31	25.04
Goa	3,702.00	2,265.72	257.82	2,523.54	68.17
Gujarat	196,244.00	15,016.64	6,632.29	21,648.93	11.03
Haryana	44,212.00	1,614.26	1,693.02	3,307.28	7.48
Himachal Pradesh	55,673.00	15,580.35	855.07	16,435.42	29.52
Jharkhand	79,716.00	23,765.78	3,637.55	27,403.33	34.38

State /UT	Geographical Area (km ²)	Total Forest Cover (km ²)	Tree Cover (km ²)	Forest Cover including Tree Cover (km ²)	Percentage of Forest and Tree Cover to GA
Karnataka	191,791.00	39,254.27	7,779.15	47,033.42	24.52
Kerala	38,852.00	22,059.36	2,905.94	24,965.30	64.26
Madhya Pradesh	308,252.11	77,073.44	8,650.14	85,723.58	27.81
Maharashtra	307,713.00	50,858.53	14,524.88	65,383.41	21.25
Manipur	22,327.00	16,585.46	209.82	16,795.28	75.22
Meghalaya	22,429.00	16,966.84	720.56	17,687.40	78.86
Mizoram	21,081.00	17,990.46	567.80	18,558.26	88.03
Nagaland	16,579.00	12,222.47	394.02	12,616.49	76.10
Odisha	155,707.00	52,433.56	6,163.45	58,597.01	37.63
Punjab	50,362.00	1,846.09	1,475.15	3,321.24	6.59
Rajasthan	342,238.99	16,548.21	10,841.12	27,389.33	8.00
Sikkim	7,096.00	3,358.40	48.33	3,406.73	48.01
Tamil Nadu	130,060.00	26,450.22	5,370.72	31,820.94	24.47
Telangana	112,122.44	21,179.04	3,517.66	24,696.70	22.03
Tripura	10,486.00	7,584.77	247.56	7,832.33	74.69
Uttar Pradesh	240,927.56	15,045.80	8,950.92	23,996.72	9.96
Uttarakhand	53,483.36	24,303.83	1,231.14	25,534.97	47.74
West Bengal	88,752.00	16,832.33	2,938.12	19,770.45	22.28
A & N Islands	8,249.00	6,732.92	26.97	6,759.89	81.95
Chandigarh	114.00	25.00	21.18	46.18	40.51
Dadra & Nagar Haveli and Daman & Diu	602.00	225.62	36.83	262.45	43.60
Jammu & Kashmir**	222,236.00	21,346.39	3,666.97	25,013.36	12.69
Ladakh**		2,285.92	893.02	3,178.94	
Lakshadweep	29.63	27.06	0.20	27.26	92.00
Puducherry	490.00	44.31	28.89	73.20	14.94
Total	3,287,468.88	715,342.61	112,014.34	827,356.95	25.17

Source :ISFR 2023

Recorded Forest Areas (RFAs) in States and UTs

The 'recorded forest area' (RFA) (or forest area) refers to all the geographic area recorded as 'forest' in government records. The 'recorded forest area' largely consists of the 'Reserved Forests' (RF) and the 'Protected Forests' (PF), constituted under the provisions of the Indian Forest Act, 1927. The state and Union Territory-wise recorded forest area is given below.

Table - 1.24
Recorded Forest Areas (RFAs) in States and UTs

Sl. No	State/ UTs	Notified Geographical Area (GA) (km ²)	RFA (in different categories)			Total RFA (2023)	% of GA
			RF	PF	Unclassed Forests*		
1	Andhra Pradesh	162,923	31,959	5,069	230	37,258	22.87
2	Arunachal Pradesh	83,743	12,371	11,857	27,312	51,540	61.55
3	Assam	78,438	17,864	0	8,972	26,836	34.21
4	Bihar	94,163	693	6,183	566	7,442	7.90
5	Chhattisgarh	135,192	25,899	24,554	9,363	59,816	44.25
6	Delhi	1,483	85	13	6	104	7.01
7	Goa	3,702	119	755	397	1,271	34.33
8	Gujarat	196,244	14,574	2,898	4,398	21,870	11.14
9	Haryana	44,212	249	1,158	152	1,559	3.53
10	Himachal Pradesh	55,673	1,883	28,887	7,178	37,948	68.16
11	Jharkhand	79,716	4,500	18,922	1,696	25,118	31.51
12	Karnataka	191,791	28,690	3,931	5,663	38,284	19.96
13	Kerala	38,852	11,522	0	0	11,522	29.66
14	Madhya Pradesh	308,252	61,886	31,098	1,705	94,689	30.72
15	Maharashtra	307,713	50,865	6,433	4,654	61,952	20.13
16	Manipur	22,327	1,926	3,254	12,238	17,418	78.01
17	Meghalaya	22,429	1,125	12	8,371	9,508	42.39
18	Mizoram	21,081	4,499	1,823	1,157	7,479	35.48
19	Nagaland	16,579	234	9	8,389	8,632	52.07
20	Odisha	155,707	36,049	25,133	22	61,204	39.31
21	Punjab	50,362	44	1,137	1,903	3,084	6.12
22	Rajasthan	342,239	12,176	18,588	2,105	32,869	9.60
23	Sikkim	7,096	5,452	389	0	5,841	82.31
24	Tamil Nadu	130,060	20,523	1,053	1,612	23,188	17.83
25	Telangana	112,122	25,800	1,592	296	27,688	24.69
26	Tripura	10,486	3,588	2	2,705	6,295	60.03
27	Uttar Pradesh**	240,928	11,571	330	5,534	17,435	7.24
28	Uttarakhand	53,483	26,547	9,885	1,568	38,000	71.05
29	West Bengal	88,752	7,054	3,778	1,053	11,885	13.39
30	A & N Islands	8,249	5,613	1,558	0	7,171	86.93
31	Chandigarh	114	32	0	3	35	30.70
32	Dadra & Nagar Haveli and Daman & Diu	602	206	5	6	217	36.05

Sl. No	State/ UTs		Notified Geographical Area (GA) (km ²)	RFA (in different categories)			Total RFA (2023)	% of GA
				RF	PF	Unclassed Forests*		
33	Jammu & Kashmir	Shapefile Area*** (54,633)	222,236	17,648	2,551	0	20,199	9.09
34	Ladakh	Shapefile Area*** (1,68,055)		7	0	0	7	-
35	Lakshadweep		30	0	0	0	0	-
36	Puducherry		490	0	2	11	13	2.65
Total			3,287,469	443,253	212,859	119,265	775,377	23.59

Source: State / UTs Forest Departments

* Unclassed Forest includes all forest other than Reserve Forest and Protected Forest as reported by State / UTs Forest Departments.

** In case of Uttar Pradesh, the RFA excludes 9,662.76 km of linear plantations along Road, Railway line and Canal.

*** Area of shape file provided by Survey of India (August 2021).

Source: ISFR 2023

In 2023, Kerala has a total geographical area of 38,852 km², out of which 11,522 km² is recorded as forest area, constituting 29.66% of the State's area. In comparison, India has a total geographical area of 3,287,469 km², with 775,377 km² under recorded forest area, accounting for 23.59% of the country's area. This indicates that Kerala has a higher proportion of forest area compared to the national average.

1.3 Fauna

The Kerala region of the Western Ghats is exceptionally rich in wildlife, supporting a high degree of endemism. The state's forests provide a safe heaven for a diverse range of animal species. Notable wildlife includes the Tiger, Nilgiri tahr, Lion-tailed macaque, Gaur, and various endemic birds, fishes, amphibians, and reptiles. Kerala's unique geographical features contribute to its rich biodiversity and sustain numerous species.

Table - 1.25
Abstract of fauna endemic to Western Ghats and Kerala

Sl No	Group	Endemic to Western Ghats	Endemic to Kerala
1	Mammals	15	1
2	Birds	17	0
3	Amphibians	135	36
4	Reptiles	87	10
5	Fishes	131	57

Source: Nameer et al. (2015)

Protected Area

Protected areas in Kerala host the highest species diversity in the state. Kerala has six National Parks, 18 Wildlife Sanctuaries (including two Tiger Reserves), and one Community Reserve. Together, these areas constitute 29.84% of the state's total forest area and play a crucial role in conserving threatened species.

Table - 1.26
List of Wildlife Sanctuaries, National Parks, Community Reserve and Biosphere Reserves

Sl. No.	Name	Area (km ²)	Year of formation
NATIONAL PARKS			
1	Eravikulam National Park	97.000	1978
2	Periyar National Park*	350.000	1982
3	Silent Valley National Park	89.520	1984
4	AnamudiSholaNational Park	7.500	2003
5	MathikettanShola National Park	12.817	2003
6	PambadumShola National Park	1.318	2003
WILDLIFE SANCTUARIES			
1	PeriyarWLS *	777.000	1950
2	Neyyar Wildlife Sanctuary	128.000	1958
3	Peechi - Vazhani Wildlife Sanctuary	125.000	1958
4	ParambikulamWLS **	285.000	1973
5	Wayanad Wildlife Sanctuary	344.482	1973
6	Idukki Wildlife Sanctuary	105.364	1976
7	Peppara Wildlife Sanctuary	53.000	1983
8	Thattekkad Bird Sanctuary	25.000	1983
9	Shenduruney Wildlife Sanctuary	172.403	1984
10	Chinnar Wildlife Sanctuary	90.440	1984
11	Chimmony Wildlife Sanctuary	114.600	1984
12	Aralam Wildlife Sanctuary	55.000	1984
13	Mangalavanam Bird Sanctuary	0.027	2004
14	Kurinjimala Sanctuary	32.000	2006
15	Choolannur Pea Fowl Sanctuary	3.420	2007
16	Malabar Sanctuary	74.215	2009
17	Kottiyoor Wildlife Sanctuary	30.380	2011
18	Karimpuzha Wildlife Sanctuary	227.970	2019

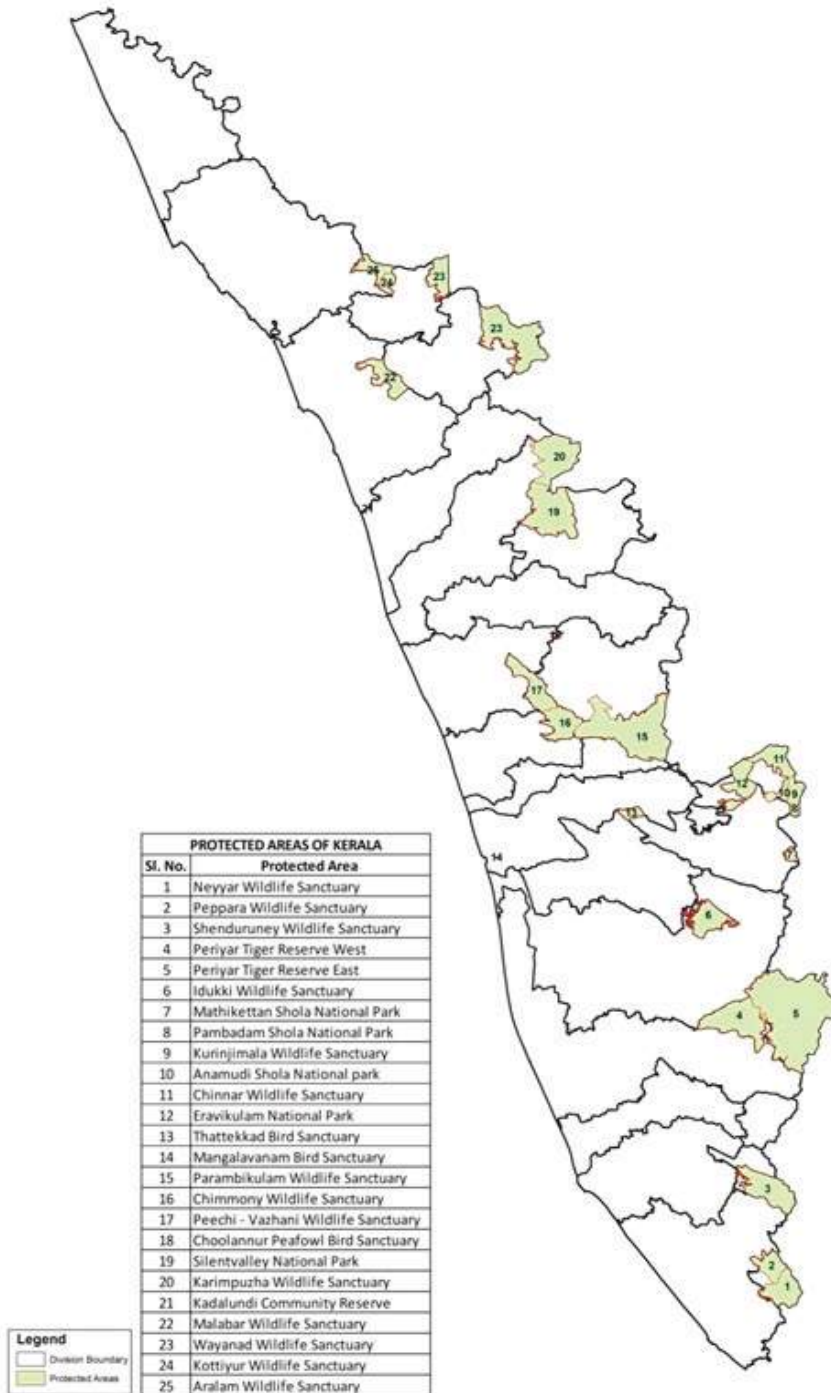
Sl. No.	Name	Area (km ²)	Year of formation
TIGER RESERVE			
1	Periyar Tiger Reserve	925.675	2007
2	Parambikulam Tiger Reserve	643.660	2009
ELEPHANT RESERVE			
1	Wayanad Elephant Reserve	1200.000	2002
2	Nilambur Elephant Reserve	1730.000	2002
3	Anamudi Elephant Reserve	3728.000	2002
4	Periyar Elephant Reserve	3742.000	2002
COMMUNITY RESERVE			
1	Kadalundi-Vallikunnu Community Reserve	1.538	2007
BIOSPHERE RESERVE			
1	Agasthyamala Biosphere Reserve (Kerala Part)	1828.000	2001
2	Nilgiri Biosphere Reserve(Kerala Part)	1455.400	1986

* Included in the Periyar Tiger Reserve

** Included in the Parambikulam Tiger Reserve

Source: www.forest.kerala.gov.in

PROTECTED AREAS OF KERALA



Source: www.forest.kerala.gov.in

Table - 1.27
Status of Management Plan

Sl. No.	Name	Area (km ²)	Period
1	Eravikulam National Park	97.000	2022 - 23 to 2031-32
2	Silent Valley National Park	89.520	2022 - 23 to 2031-32
3	Anamudi Shola National Park	7.500	2020 - 21 to 2029 - 30
4	Mathikettan Shola National Park	12.817	2020 - 21 to 2029 - 30
5	Pambadum Shola National Park	1.318	2020 - 21 to 2029 - 30
6	Periyar Tiger Reserve	925.675	2021 - 22 to 2030 - 31
7	Neyyar Wildlife Sanctuary	128.000	2022 - 23 to 2031 - 32
8	Peechi - Vazhani Wildlife Sanctuary	125.000	2022 - 23 to 2031 - 32
9	Parambikulam Tiger Reserve	643.660	2021 - 22 to 2030 - 31
10	Wayanad Wildlife Sanctuary	344.479	2022 - 23 to 2031 - 32
11	Idukki Wildlife Sanctuary	105.364	2022 - 23 to 2031 - 32
12	Peppara Wildlife Sanctuary	53.000	2022 - 23 to 2031 - 32
13	Thattekkad Bird Sanctuary	25.000	2022 - 23 to 2031 - 32
14	Shenduruney Wildlife Sanctuary	172.403	2022 - 23 to 2031 - 32
15	Chinnar Wildlife Sanctuary	90.440	2022 - 23 to 2031 - 32
16	Chimmony Wildlife Sanctuary	114.600	2022 - 23 to 2031 - 32
17	Aralam Wildlife Sanctuary	55.000	2022 - 23 to 2031 - 32
18	Mangalavanam Bird Sanctuary	0.027	2020 - 21 to 2029 - 30
19	Kurinjimala Sanctuary	32.000	2022 - 23 to 2031 - 32
20	Choolannur Pea fowl Sanctuary	3.420	2022 - 23 to 2031 - 32
21	Malabar sanctuary	74.215	2021 - 22 to 2030 - 31
22	Kadalundi - Vallikunnu Community Reserve	1.538	2016 - 17 to 2025 - 26
23	Kottiyoor Wildlife Sanctuary	30.380	2023 - 24 to 2032 - 33
24	Karimpuzha Wildlife Sanctuary	227.97	2020 - 21 to 2029 - 30
TOTAL		3360.327	

Elephant Corridors

Wildlife corridors are essential for mitigating human-wildlife conflict and ensuring the free movement of elephants. Elephants display nomadic and seasonal migratory behavior, making habitat connectivity critical. The Kerala Forest Department has implemented several measures to safeguard these habitats. Forest fragmentation poses a significant challenge to corridor protection. As per the second edition of 'Right of Passage: Elephant Corridors of India' (2017), four major elephant corridors have been identified in Kerala.

Table - 1.28
List of Elephant corridors

Sl. No.	Name of the Corridor	Name of Division	Status of Notification	Corridor		Major land use	Govt/Pvt. Revenue land/ Forest land	Frequency of usage by elephants
				Length in (km)	Width in (km)			
1	Thirunelli – Kudrakote (state corridor)	Wayanad (N)	Secured and notified	6.00	1-1.5	Forest	Reserve Forest	Frequent
2	Nilambur – Kovilakom – New Amarambalam (state corridor)	Nilambur (N) and (S)	No acquisition needed	1.00	0.50	Forest	Reserve Forest	Frequent
3	Peria at Pakranthalam (state corridor)	Wayanad (N)	Land to be acquired	0.50	0.20	Forest, fallow land and settlements	Reserve Forest	Frequent
4	Kottiyoor-Periya (state corridor)	Kannur-Wayanad (N)	Land acquisition is in progress. 29.592 Ha already acquired	0.50	0.10	Forest and settlements	Reserve Forest	Occasional
5	Nilamboor - Appenkapu	Nilambur (N)	22.8271 Ha land needed from private parties	0.40	0.50	Forest bounded land	Pvt. Property	Occasional
6	Muthumala - Nilambur	Nilambur (S)	acquisition not needed	3.5	0.10	Forest	Reserve Forest	Occasional
7	Begoor - Brahmagiri	Wayanad WL	acquisition not needed	3.00	0.10	Forest	Reserve Forest	Occasional

Elephant Population Estimation

In 2023, the All India Synchronized Elephant Population Estimation was conducted in Kerala with the participation of Periyar and Parambikulam Tiger Foundation and the Kerala Forest Research Institute. The estimated elephant population in Kerala was 2386 with a density of 0.25 elephants per square kilometer using dung count method.

The estimated number of elephants from dung count method during 2023 along with the estimated elephant populations during previous estimation are given below.

Table - 1.29
Number of elephants from dung count method

Elephant Reserve	2007		2010		2012		2017		2023	
	No.	Sex-ratio*	No.	Sex-ratio*	No.	Sex-ratio*	No.	Sex-ratio*	No.	Sex-ratio*
Wayanad	1240	1:1.95	1155	1:1.90	1483	1:2.24	5706	1:1.51	2386	
Nilambur	663	1:1.44	1044	1:1.30	647	1:1.15				
Anamudi	2505	1:4.52	2220	1:2.10	2086	1:4.98				
Periyar	1660	1:2.87	1758	1:1.3	1810	1:2.30				
TOTAL	6068	1:2.96	6177	1:1.68	6026	1:2.71	5706	1:1.51	2386	

Source: Elephant Population Estimation 2012- Kerala

*Sex-ratio (Male to female in adult population)

The estimated number of elephants from block count method during 2023 is 1920.

Tiger Population Estimation

The monitoring of tigers, co-predators, prey, and habitats was conducted in Kerala as part of the All India Tiger Estimation under the guidelines of the National Tiger Conservation Authority (NTCA) from 16th to 23rd December 2013 and the new census is also in progress. The report published by the Ministry of Environment, Forest and Climate Change (MoEF&CC) indicates that Kerala's tiger population has increased from 190 in 2018 to 213 in the latest assessment, highlighting a substantial rise in tiger numbers across the Western Ghats landscape. A comparison of the population of tigers as per the past estimations is given in below.

Table - 1.30
Tiger population estimation for the last 6 years

Year	2002	2006	2010	2014	2018	2022
Number	71	46	71	136	190	213(SE16)

Nilgiri Tahr Population Estimation

The Nilgiri tahr, an endemic species with a restricted distribution in the Southern Western Ghats of Kerala and Tamil Nadu, faces threats due to habitat fragmentation and human intervention. Classified as 'Endangered' by the IUCN Red List, it is also listed under Schedule I of the Wildlife (Protection) Act, 1972.

The estimated population figures of Nilgiri Tahr in Eravikulam National Park during last 10 years are given below.

Table - 1.31
Nilgiri Tahr population estimation in EVNP (2014 to 2023)

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Population	894	900	664	575	643	526	723	782	785	803

The estimated population figures of Nilgiri Tahr in Parambikulam Tiger Reserve and Silent Valley National Park in 2020 are given below.

Table - 1.32
Nilgiri Tahr population estimation in Parambikulam Tiger Reserve & Silent Valley National Park in 2020

Landscape	Division	Number of Nilgiritahr sighted
Parambikulam	Nenmara	31
	Chalakkudy	2
	Malayattoor	9
Silent Valley	Silent Valley	7
	Mannarkkad	24
	Palakkad	9
TOTAL		82

Species-wise Population Estimation of other animals

A general wildlife enumeration was conducted from May 18th to 20th, 2011, in collaboration with the Kerala Forest Research Institute (KFRI), Peechi, Thrissur. The previous general wildlife enumerations were conducted in 2002, 1997 and 1993.

Table - 1.33
Species-wise population estimation of other animals

Sl. No.	Species	No. of animals (1993)	No. of animals (1997)	No. of animals (2002)	No. of animals (2011)
1	Gaur	4840	4151	14787	17860
2	Malabar Giant Squirrel	1384	63474	88919	---
3	Nilgiri Langur	2987	24809	51517	---
4	Sambar Deer	10665	13661	30414	32148
5	Spotted Deer	6259	14881	38391	11398
6	Wild Pig	40963	40425	60940	48034
7	Nilgiri Tahr	1075	1008	902	---
8	Tiger	76	73	71	---

Captive Elephants

The Wildlife (Protection) Act, 1972, and the Kerala Captive Elephant (Management & Maintenance) Rules, 2012, are strictly enforced to regulate captive elephant welfare. State-level and district-level task forces constituted as per G.O (Ms) No.03/2015/F&WLD dated 17.01.2015 oversee captive elephant management. To enhance handling and care, the Kerala Forest Department has trained 430 owners and 2842 mahouts. As of now, Kerala has 398 captive elephants, with 358 privately owned and 40 under department care. In 2023-24, 16 captive elephant deaths were recorded.

Table - 1.34
Details of captive elephants

No. of elephants implanted with microchip		No. of elephants not implanted with microchip		No. of elephants died	
Privately owned	Department owned	Privately owned	Department owned	Privately owned	Department owned
358	33	0	7	15	1

Table - 1.35
Division-wise number of departmental elephants

Sl. No.	Division	Number of elephants
1	ERC, Kottor (WL Division Tvpm)	15
2	Konni	6
3	Wayanad Wildlife	11
4	Palakkad	2
5	NSC Kalady	6
TOTAL		40

Table - 1.36
Details of departmental elephants

Division	Sl. No	Name of Elephant	Micro-chip number	Age	Sex	Height (cm)
ERC, Kotdoor (Wildlife, Tvpmm)	1	Soman	00065DB7BJ	82	Male	285
	2	Rajkumar	00065EB67D	46	Makhna	303
	3	Jayasree	00065DA37H	50	Female	252
	4	Ammu	00065D95E5	22	Female	259
	5	Minna	000658BFCE	22	Female	250
	6	Raja	00065DC227	10	Male	225
	7	Rana	00065ECD23	10	Male	237
	8	Podichi	00065ED152	9	Female	208
	9	Hari Krishnan	Not implanted	31	Male	292
	10	Aranya	Not implanted	3	Female	145
	11	Poorna	00065EB6C6	6	Female	186
	12	Maya	00065D7A6E	6	Female	165
	13	Manu	00065EBF4D	6	Male	185
	14	Kannan	00065E9E8C	5	Male	152
	15	Amina	Not implanted	4	Female	150
Konni	16	Eva	00065DC7EQ	23	Female	254
	17	Krishna	000658DD68	12	Male	175
	18	Kochayyappan	Not implanted	3	Male	150
	19	Meena	000658C223	34	Female	266
	20	Neelakandan	00065EA6E9	28	Male	290
	21	Priyadarshini	00065EA5AF	41	Female	255
Wayanad Wildlife	22	Kunju	000658EF9E	36	Male	294
	23	Suryan	00065DAEE3	30	Male	284
	24	Pramukha	00065DAF41	46	Makhna	276
	25	Chandranath	0006E4CA5E	28	Male	272
	26	Bharath	00065EC8A5	33	Male	263
	27	Vikram	Not implanted	39	Male	258
	28	Unnikrishnan	000658B4D6	15	Male	238
	29	Sundari	00065D78F0	14	Female	238
	30	Chandu	00065ECBF4	8	Male	148
	31	Surendran	00065D7F6D	27	Male	292
	32	PM2	Not implanted	14	Makhna	222
Palakkad	33	Agasthyam	000658C214	16	Male	258
	34	PT7 (Dhoni)	Not implanted	22	Male	220

Division	Sl. No	Name of Elephant	Micro-chip number	Age	Sex	Height (cm)
Abhayaranyam NSC Kalady	35	Hariprasad	961001000003890	47	Male	271
	36	Sunitha	00065EAE98	53	Female	139
	37	Asha	000658E6DD	23	Female	140
	38	Parvathy	00065EB28E	22	Female	141
	39	Anjana	00065EA472	19	Female	142
	40	Peelandy Chandru	00065ECF0B	44	Male	142

1.4 Special Habitats

Mangroves

Kerala's mangrove forests, located along coastal regions, backwaters, and estuaries, are vital ecosystems that support biodiversity. These forests act as natural coastal buffers, protecting against erosion and storm surges, and serve as carbon sinks to mitigate climate change. Conservation efforts are ongoing to restore and protect these critical habitats.

Consolidated information about the total cover and number of patches of mangroves in the various districts of the state is furnished hereunder.

Table - 1.37
District-wise mangrove details

Sl No.	Name of district	Total Cover (Ha)	Number of patches
1	Thiruvananthapuram	1.12	43
2	Kollam	46.66	285
3	Kottayam	2.28	32
4	Alappuzha	140.84	657
5	Ernakulam	583.18	1437
6	Thrissur	53.49	173
7	Malappuram	49.39	104
8	Kozhikkode	120.15	377
9	Kannur	1602.34	1463
10	Kasargode	125.97	228
Total		2725.42	4799

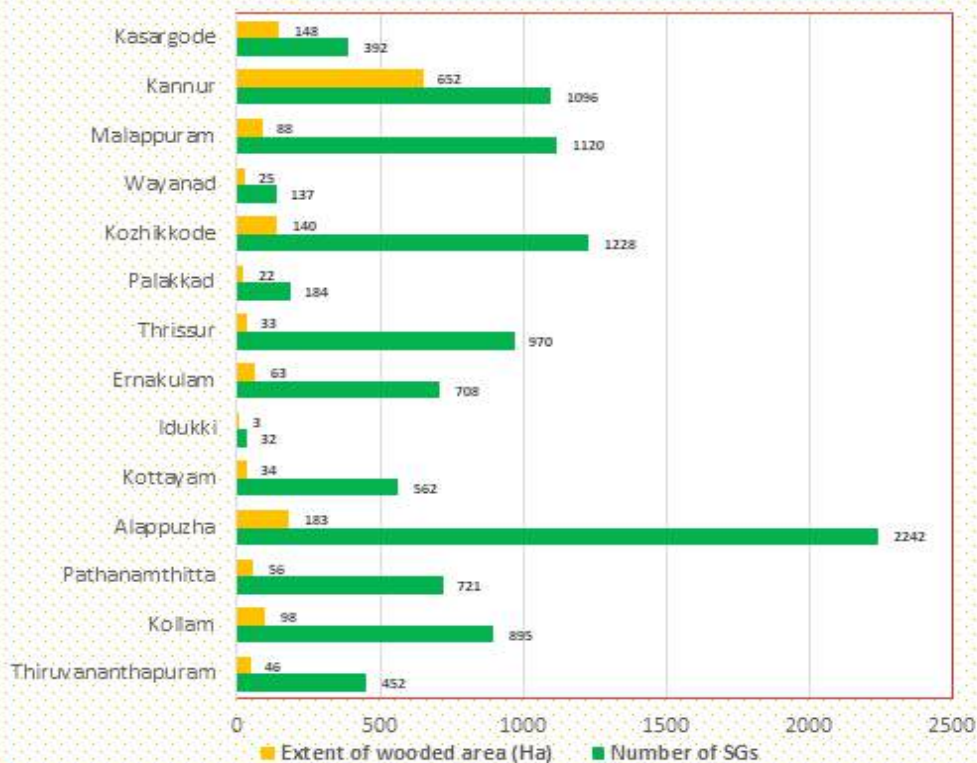
Sacred Groves

Sacred groves in Kerala are ecologically significant areas preserved by local communities for religious and cultural reasons. These sites harbor rare plant and animal species, contributing to biodiversity conservation. In 2023-24, 46 sacred groves were conserved with an allocation of Rs. 7,33,500. Consolidated information about the number of sacred groves and extent of wooded area spread over in the various districts of the state is furnished hereunder.

Table - 1.38
District-wise sacred grove details

Sl No.	Name of district	Number of SGs	Extent of wooded area (Ha)
1	Thiruvananthapuram	452	46
2	Kollam	895	98
3	Pathanamthitta	721	56
4	Alappuzha	2242	183
5	Kottayam	562	34
6	Idukki	32	3
7	Ernakulam	708	63
8	Thrissur	970	33
9	Palakkad	184	22
10	Kozhikkode	1228	140
11	Wayanad	137	25
12	Malappuram	1120	88
13	Kannur	1096	652
14	Kasargode	392	148
Total		10739	1591

Graph 1.8 Sacred Groves by District – Count and Extent



Myristica Swamp Area

Myristica Swamps are a type of freshwater swamp forests predominantly composed of species of *Myristica* (a genus of trees in the family Myristicaceae). They are characterised by the presence of aerial roots (knee roots and stilt roots) and require special abiotic conditions for development and to sustain itself. This type of forest is found only in two localities in India (i) Uttara Kannada, district of Karnataka state and (ii) Southern parts of Kerala State. In Kerala, this forest type is found predominantly in Kulathupuzha range and its bordering Shendurney wildlife sanctuary and Anchal Range in Punalur Forest Division.



Table - 1.39
Details of Myristica swamp area

Sl No	Location	Number of patches	Area (Ha)
1	Kulathupuzha	31	78.73
2	Anchal	13	33.67
3	Shendurney	16	37.35
Total		60	149.75

1.5 Forest Produce

Major Forest Produce

Major forest produce in Kerala includes timber and bamboo which are vital for the state's economy and livelihoods. Timber is a primary material for construction, furniture making, and paper production, supporting various industries. Bamboo is utilized for construction purposes and in crafting traditional handicrafts, contributing to local artistry and economy. The sustainable management of these resources is essential to ensure their continued availability and to maintain the ecological balance of Kerala's forests.

Table - 1.40
Outturn of Major Forest Produce

Sl. No.	Category		Unit	Quantity
1	Industrial wood		cu.m	23154.424
2	Sandal wood		kg	153370.550
3	Plywood		cu.m	262.785
4	Match wood		cu.m	262.123
5	Bobbin wood		cu.m	33.472
6	Pencil wood		cu.m	13.867
7	Packing case wood		cu.m	360.326
8	Pulp wood		MT	16849.607
Other Categories				
	a	Teak Poles	MT	7751.900
	b	Fire wood	MT	3620.975
	c	Firewood Miscellaneous	MT	114.325
	d	Billets	MT	2215.588

Graph 1.9 Industrial Wood Production Trend (2014-15 To 2023-24)



Species-wise receipts of Major Forest Produce

Species-wise receipts of Major forest produce during 2023-24 is shown in below table.

Table - 1.41
Species-wise receipts of Major Forest Produce

Sl. No.	Species	Unit	Quantity
Industrial wood			
1	Teak	cu.m	19161.210
2	Rose wood	cu.m	105.574
3	Mahogany	cu.m	59.172
4	Anjili	cu.m	804.353
5	Kambakom	cu.m	25.559
6	Thembavu	cu.m	330.829
7	Vengai	cu.m	40.085
8	Venteak	cu.m	142.331
9	Jack/ Plavu	cu.m	49.759
10	Manimaruthu	cu.m	22.370
11	Maruthu/Maruthi	cu.m	1381.804
12	Irul	cu.m	447.776
13	Mulluvengai	cu.m	119.802
14	Unnam/Chadachi	cu.m	179.112
15	Thanni	cu.m	100.974
16	Karimthakara	cu.m	40.382
17	Pathiri	cu.m	0.937
18	Poovam	cu.m	48.611
19	Pulivaka	cu.m	5.620
20	Vekkali	cu.m	8.135
21	Mullankaini	cu.m	2.585
22	Thali	cu.m	1.759
23	Albizia/Eyal Vaka	cu.m	16.145
24	Edana	cu.m	1.760
25	Velleetti	cu.m	10.824
26	Bhadraksham	cu.m	0.241
27	Arapuli	cu.m	13.013
28	Arayanjali	cu.m	14.414
29	Chorakkali	cu.m	1.239
30	Pezhu	cu.m	1.607
31	Therakam	cu.m	0.932

Sl. No.	Species	Unit	Quantity
32	Neervetti	cu.m	1.172
33	Porivatta	cu.m	0.896
34	Kara/Rudraksham	cu.m	3.736
35	Silveroak	cu.m	9.706
TOTAL			23154.424
1	Sandal wood	kg	153370.550
Plywood			
1	Kulamavu / Ooravu	cu.m	16.523
2	Mavu	cu.m	6.620
3	Redcedar/ Chandanavembu	cu.m	15.124
4	Poon/Punna/Punnappa	cu.m	22.804
5	Cheeni	cu.m	115.643
6	Kumbil	cu.m	11.674
7	Njaval / Njara	cu.m	3.837
8	Vatta	cu.m	56.801
9	Nanku	cu.m	9.379
10	Vellapine	cu.m	0.465
11	Cheru	cu.m	3.915
TOTAL			262.785
Matchwood			
1	Elavu/Poola	cu.m	153.061
2	Pala / Mukkampala	cu.m	48.397
3	Vaka	cu.m	56.974
4	Matti	cu.m	3.691
TOTAL			262.123
Bobbinwood			
1	Manjakadambu	cu.m	6.396
2	Akhil/Vellakil	cu.m	7.390
3	Kurangatti	cu.m	19.686
TOTAL			33.472
Pencil Wood Species			
1	Poochakadambu	cu.m	0.663
2	Mazhamaram	cu.m	2.614

Sl. No.	Species	Unit	Quantity
3	Eyyoli	cu.m	10.590
TOTAL			13.867
Packing case wood			
1	Malaveppu	cu.m	1.397
2	Vetti	cu.m	0.168
3	Payyani	cu.m	1.464
4	Karingazha	cu.m	10.364
5	Uthi	cu.m	1.166
6	Aval	cu.m	4.670
7	Poripoovam	cu.m	0.162
8	Elippa	cu.m	24.448
9	Kanikonna	cu.m	5.618
10	Parakam	cu.m	2.094
11	Vallabham	cu.m	1.336
12	Parakam	cu.m	2.094
13	Malampunna	cu.m	12.931
14	Kadukka	cu.m	2.756
15	Pali	cu.m	29.462
16	Erankol	cu.m	247.000
17	Kariveetti	cu.m	1.596
18	Thellipine	cu.m	11.600
TOTAL			360.326
Pulpwood			
1	Eucalyptus	tonne	96.212
2	Acacia Auriculiformis	tonne	15677.019
3	Acacia Mangium	tonne	20.025
4	Bamboo	tonne	563.640
5	Reeds	tonne	492.711
TOTAL			16849.607
Other Categories			
1	Fire wood	tonne	3620.975
2	Fire wood Miscellaneous	tonne	114.325
3	Teak Poles	tonne	7751.900
4	Billets	tonne	2215.588

Table-1.42
Circle-wise details of Major Forest Produce 2023-24 (value Rs. In lakhs)

Sl No	Production	Unit	Southern Circle		High Range Circle		Central Circle		Eastern Circle		Northern Circle		Wild life		Total	
			Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value
1	Teak	M³	5414.025	4846.635	1088.169	974.129	4018.660	3597.504	7516.923	6729.149	1123.433	1005.697	0.000	0.000	19161.210	17153.115
2	Other Timber	M³	1767.307	246.277	1268.22	176.728	877.437	122.272	748.622	104.322	15.894	2.215	0.000	0.000	4677.48	651.814
3	Teak Poles	M³	1563.811	70.074	524.398	23.498	4559.300	204.302	639.091	28.638	465.300	20.850	0.000	0.000	7751.900	347.363
Total			8745.143	5162.986	2880.787	1174.355	9455.397	3924.078	8904.636	6862.109	1604.627	1028.762	0.000	0.000	31590.59	18152.292
1	Fire Wood	MT	915.425	82.388	793.262	71.394	965.528	86.898	473.37	42.603	473.39	42.605	0.000	0.000	3620.975	325.888
2	Billets	MT	910.737	91.074	245.681	24.568	96.120	9.612	963.050	96.305	0.000	0.000	0.000	0.000	2215.588	221.559
3	Acacia	MT	3328.79	565.894	11.827	2.011	12319.50	2094.315	0.000	0.000	16.898	2.873	0.000	0.000	15677.019	2665.093
4	Manjium	MT	0.140	0.011	3.966	0.301	5.592	0.425	0.000	0.000	10.327	0.785	0.000	0.00	20.025	1.522
5	Eucalyptus	MT	0.000	0.000	88.829	8.883	0.000	0.000	0.000	0.000	7.383	0.738	0.000	0.000	96.212	9.621
6	Bamboo	MT	1.250	0.083	498.200	32.881	0.000	0.000	63.190	4.171	1.000	0.066	0.000	0.000	563.640	37.201
7	Reeds	MT	7.810	0.344	0.000	0.000	322.901	14.208	0.000	0.000	0.000	0.000	162.00	7.128	492.711	21.680
Total			5164.152	739.794	1641.77	140.038	13709.641	2205.458	1499.61	143.079	508.998	47.067	162.00	7.128	22686.17	3282.564

Table-1.43
Timber statistics from timber sales divisions-2023-24

Sl. No.	Division	Opening Balance	Receipt during the year (in cum)	Timber sold during the year						Closing Bal. of Timber within the Division (kg/cum)
				In Auction			Direct (Retail)			
				Qty (kg/cum)	Average price (Rs.)	Amount Released (Rs)	Qty (kg/cum)	Average price (Rs.)	Amount Released (Rs)	
Name of Species : Teak										
1	TS, TVPM	860.001	4839.720	3256.841	75918	247254130	52.221	11434	5971113	2390.659
2	TS, PNLR	390.658	3783.895	2491.755	79497	198085843	72.264	133580	9652995	1610.534
3	TS, KTM	78.801	650.505	334.381	240160	20813707	38.502	207832	4051829	356.055
4	TS, PMBVR	2844.926	1087.166	2134.446	76872	164079713	140.355	98838	13872424	1657.291
5	TS, PKD	7302.407	5276.365	6328	85770	542756663	62.000	82354	5105992	6188.772
6	TS,KKD	3743.680	1633.874	2042.087	63982	130656595	6.550	146079	956817	3328.917
Name of Species : Rosewood										
1	TS, PNLR	9.445	23.879	33.324	89245	2260937	0.000	0.000	0.000	7.990
2	TS, KTM	32.651	90.975	33.048	99888	3301099	0.000	0.000	0.000	90.578
3	TS, PMBVR	2.170	23.323	12.366	78339	968746	0.000	0.000	0.000	13.127
4	TS, PKD	97.839	162.506	184.939	76303	14111548	0.000	0.000	0.000	75.406
5	TS,KKD	266.715	117.355	52.575	193331	10164395	0.000	0.000	0.000	331.495
Name of Species : Miscellaneous										
1	TS, TVPM	402.140	1525.541	1437.490	11365	16337759	0.000	0.000	0.000	490.191
2	TS, PNLR	11.680	1398.832	951.430	19089	9434674	0.000	0.000	0.000	459.082
3	TS, KTM	104.565	317.762	328.019	31764	2535607	0.000	0.000	0.000	91.080
4	TS, PMBVR	64.280	1.935	61.814	14863	918702	0.000	0.000	0.000	4.401
5	TS, PKD	1954.128	891.050	1894.516	16230	30748502	0.000	0.000	0.000	950.662
6	TS,KKD	1527.635	100.155	1176.768	14437	16989369	0.000	0.000	0.000	451.022

Timber Depots

The department manages a total of 28 timber depots for retail and wholesale timber sales

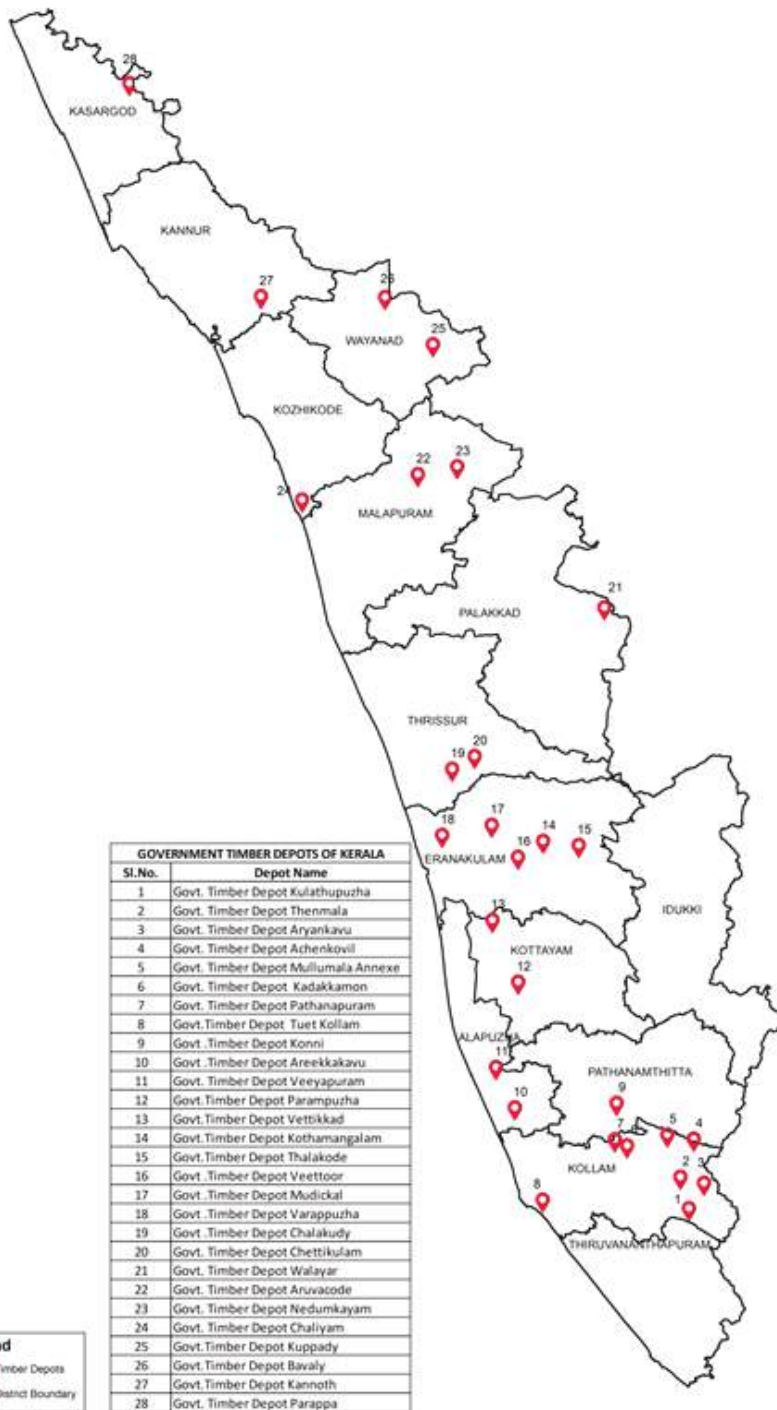
Table - 1.44
Circle-wise number of timber depots

Sl. No.	Circle	Sales division	No. of depots
1	Southern Circle	Thiruvananthapuram	5
		Punalur	6
2	High Range Circle	Kottayam	4
3	Central Circle	Perumbavur	5
4	Eastern Circle	Palakkad	3
5	Northern Circle	Kozhikode	5
TOTAL			28

Table - 1.45
Circle-wise details of timber depots

Sl.No.	Circle	Sales Division	Depots	
1	Southern Circle	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	High Range Circle	Kottayam	12	Parampuzha
			13	Vettikkadu
			14	Thalakkode
			15	Kothamangalam
3	Central Circle	Perumbavoor	16	Veetoor
			17	Varapuzha
			18	Mudikkal
			19	Chalakkudy
4	Eastern Circle	Palakkad	20	Chettikulam
			21	Aruvakkode
			22	Nedumkayam
5	Northern Circle	Kozhikode	23	Walayar
			24	Chaliyam
			25	Kuppadi
			26	Baveli
			27	Kannothu
			28	Parappa

GOVERNMENT TIMBER DEPOTS OF KERALA



Non-Wood Forest Produce (NWFP)

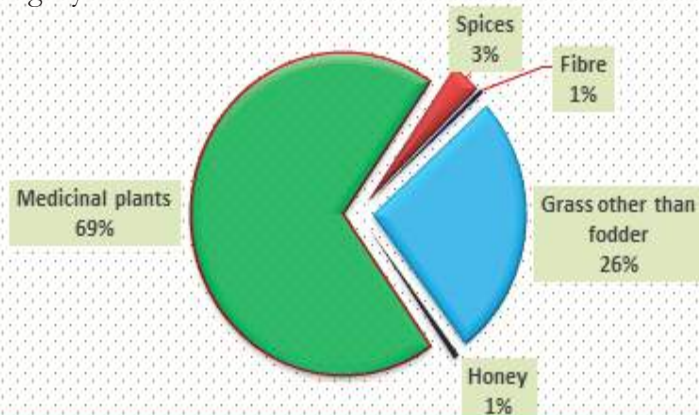
Kerala is known for its diverse Non-Wood Forest Produce (NWFP), such as medicinal plants, spices, fibre and honey, which are crucial for local livelihoods and contribute significantly to the state's economy. Total quantity of Non-Wood Forest Produce procured by Kerala State Federation of SC/ST Development Co-operatives Ltd from tribal co-operative societies and the value fixed are given below.

Table - 1.46
Procurement of Non-Wood Forest Produce

Sl. No.	Name	Quantity (kg)
1	Medicinal plants	222191.400
2	Spices	10161.000
3	Fibre	1400.000
4	Grass other than fodder	84600.000
5	Honey	1937.750

Source: Kerala State Federation of SC/ST Development Co-operatives Ltd

Graph 1.10 Category-wise Procurement of Non-Wood Forest Produce



Procurement of Non-Wood Forest Produce (NWFP)

Total quantity and value of minor forest produce of NWFP was 320.290 tonnes and Rs. 247.701 lakhs respectively.

Table - 1.47
Details on Non-Wood Forest Produce

Sl. No.	Item	Quantity procured (kg)	Unit price (Amount in Rs.)	Value (Amount in Rs.)
1	Athithippali	149.00	60.00	8940.00
2	Adapathiyan	64.00	1065.00	68160.00
3	Broom grass (Choolpullu)	65900.00	44.60	2939000.00
4	Cardamom	11.00	1900.00	20900.00
5	Cheenikka I st	47216.00	64.70	3054695.00
6	Cheruthekku	415.00	105.00	43575.00
7	Cheruthen	104.25	1077.46	112325.00
8	Cheruvazhuthana	20869.00	72.68	1516674.00
9	Chunda	1170.00	30.47	35650.00
10	Chenchallyam I	234.00	230.00	53820.00
11	Chenchallyam II	960.00	180.00	172800.00
12	Earamkol	18700.00	17.00	317900.00
13	Iruveli	1037.00	90.00	93330.00
14	Kakkumkai-Parantakai	65.00	40.00	2600.00
15	Kalpasam	915.00	480.00	439200.00
16	Karimkurinji	40069.00	60.68	2431562.00
17	Kasturimanjal	1217.00	78.36	95365.00
18	Kandankova	297.00	70.00	20790.00
19	Kattukurumulakuvalli 1 st	5983.00	52.66	315065.00
20	Kattupadavalam Dry	1951.00	272.61	531863.00
21	KattuThippelly	201.00	115.00	23115.00
22	Kunthirikkam – 1 st	998.00	256.90	256390.00
23	Kunthirikkam – 2 nd	695.00	214.53	149100.00
24	Kunthirikkam – 3 rd	528.75	150.74	79706.25
25	Kurumthotti	66995.00	103.35	6923835.00
26	Kumizhinveru	195.00	23.00	4485.00

Sl. No.	Item	Quantity procured (kg)	Unit price (Amount in Rs.)	Value (Amount in Rs.)
27	Kodivelly	800.00	30.00	24000.00
28	Incha	1400.00	115.00	161000.00
29	Pulinchikkai	350.00	120.00	42000.00
30	Moovila	9338.00	125.84	1175062.00
31	Orila	20656.00	65.02	1343155.00
32	Nannari / Naruneendi	150.00	282.92	42438.00
33	Pachotti	1600.00	97.09	155350.00
34	Pachottipatta	370.00	92.84	34350.00
35	Padakizhangu	61.00	300.00	18300.00
36	Pathiripoovu Small	49.00	750.00	36750.00
37	Pathiripoovu 1 st	579.40	867.30	502511.00
38	Pathiripoovu 2 nd	27.25	800.00	21800.00
39	Pathiripoovu 3 rd	70.00	610.00	42700.00
40	Pathiripoovu Podi	7.00	200.00	1400.00
41	Peenari	2610.00	85.36	222800.00
42	Putharichunda	2256.00	42.79	96538.00
43	Thelli I	424.00	300.00	127200.00
44	Thelli II	770.00	250.00	192500.00
45	Vanthen	1833.50	446.89	819365.00
TOTAL		320290.150		24770064.25

Source: Kerala State Federation of SC/ST Development Co-operatives Ltd

Chapter - II

FOREST MANAGEMENT

Forest protection is a fundamental aspect of sustainable forest management, aimed at conserving and preserving forest ecosystems. It encompasses various measures to prevent deforestation, illegal logging, wildlife poaching, and forest degradation. Effective forest protection is essential for maintaining ecological balance, mitigating climate change, and ensuring the well-being of both forest-dependent communities and the planet as a whole. The Department conducts regular patrols and employs fire watchers to detect and suppress fires at an early stage. Additionally, fire lines are maintained, and controlled burnings are sometimes carried out to reduce fuel loads. Public awareness programs are also conducted to educate communities about the importance of preventing forest fires.

2.1 Working Plans

The forests of Kerala are managed according to approved working plans that outline strategies for sustainable forest management. These working plans, formulated in accordance with the National Working Plan Code, include measures for conservation, regeneration, and the sustainable utilization of forest resources. They ensure that forests are managed in an ecologically responsible manner while meeting the needs of local communities and industries.

Table 2.1
Status of Working Plans

Sl. No.	Division	Valid up to	Status
1	Thiruvananthapuram	31.03.2031	Working Plan is current
2	Thenmala	31.03.2031	Working Plan is current
3	Achenkoil	31.03.2031	Working Plan is current
4	Ranni	31.03.2024	Working Plan is current
5	Punalur	31.03.2033	Working Plan is current
6	Konni	31.03.2025	Working Plan is current
7	Kothamangalam	31.03.2026	Working Plan is current
8	Munnar	31.03.2020	New Working Plan is under processing
9	Marayoor	31.03.2031	Working Plan is current
10	Mankulam	31.03.2022	New Working Plan is under processing
11	Kottayam	31.03.2027	Working Plan is current.
12	Vazhachal	31.03.2028	Working Plan is current.

Sl. No.	Division	Valid up to	Status
13	Chalakkudy	31.03.2030	Working Plan is current
14	Malayattoor	31.03.2025	Working Plan is current
15	Thrissur	31.03.2024	Working Plan is current
16	Mannarkkad	31.03.2023	New Working Plan is under processing
17	Nilambur (North)	31.03.2025	Working Plan is current
18	Nilambur (South)	31.03.2024	Working Plan is current.
19	Palakkad	31.03.2030	Working Plan is current
20	Nenmara	31.03.2025	Working Plan is current
21	Kozhikkode	31.03.2034	Working Plan is current
22	Wayanad (North)	31.03.2025	Working Plan is current
23	Wayanad (South)	31.03.2022	New Working Plan is under processing
24	Kannur	31.03.2023	New Working Plan is under processing.
25	Kasargod	31.03.2023	New Working Plan is under processing

2.2 Boundary Demarcation & Details of Encroachment

Demarcation of Forest Boundaries

Total length of forest boundary is 16873.689 km. Out of this 11643.2549 km requires demarcation, and the remaining 5230.434 km is covered by natural boundary. The length of boundary demarcated as on 31.03.2024 is 10710.1974 km. The progress of boundary demarcation is shown below.

Table 2.2

Division-wise demarcation of forest boundaries (Length in km)

Sl. No.	Division	Total length of boundary (km)	Length of natural boundary (km) not requiring demarcation	Total Length of boundary (km) requiring demarcation	Total Length of boundary demarcated as on 31.03.2024
SOUTHERN CIRCLE					
1	Thiruvananthapuram	397.29	53.25	344.04	317.689
2	Thenmala	250.00	41.21	208.79	197.350
3	Punalur	843.55	483.00	360.55	360.550
4	Achencoil	221.44	85.52	135.92	84.339
5	Ranni	760.92	337.35	423.57	423.570
6	Konni	159.70	51.42	108.28	108.280
SOUTHERN CIRCLE TOTAL		2632.90	1051.75	1581.15	1491.778

Sl. No.	Division	Total length of boundary (km)	Length of natural boundary (km) not requiring demarcation	Total Length of boundary (km) requiring demarcation	Total Length of boundary demarcated as on 31.03.2024
HIGH RANGE CIRCLE					
7	Kottayam	596.14	59.00	537.14	503.39
8	Munnar	1407.00	115.00	1292.00	1177.75
9	Kothamangalam	484.11	72.51	411.60	373.60
10	Marayoor	105.00	27.00	78.00	75.00
11	Mankulam	211.17	58.00	153.17	0.00
HIGH RANGE CIRCLE TOTAL		2803.42	331.51	2471.91	2129.74
CENTRAL CIRCLE					
12	Malayattoor	720.31	409.30	311.01	311.01
13	Vazhachal	250.00	180.00	70.00	70.00
14	Chalakkudy	484.99	281.40	203.59	203.59
15	Thrissur	795.00	25.00	770.00	768.90
CENTRAL CIRCLE TOTAL		2250.30	895.70	1354.60	1353.50
EASTERN CIRCLE					
16	Nenmara	887.85	171.70	716.15	642.00
17	Palakkad	764.99	158.19	606.80	582.39
18	Mannarkkad	893.00	286.00	607.00	512.95
19	Nilambur (S)	294.88	128.73	166.15	165.93
20	Nilambur (N)	721.00	289.05	431.95	370.30
EASTERN CIRCLE TOTAL		3561.72	1033.67	2528.05	2273.57
NORTHERN CIRCLE					
21	Kozhikode	815.390	175.490	639.9000	618.2470
22	Wayanadu (S)	1102.799	387.134	715.6649	618.5954
23	Wayanadu (N)	343.550	103.950	239.6000	180.4980
24	Kannur	503.350	46.000	457.3500	457.3500
25	Kasaragod	630.990	24.400	606.5900	600.7440
NORTHERN CIRCLE TOTAL		3396.079	736.974	2659.1049	2475.4344
AGASTHYAVANAM BIOLOGICAL PARK					
26	Thiruvananthapuram WL	220.10	66.20	153.90	148.75
27	Shenduruney	103.00	46.07	56.93	56.93
ABP TOTAL		323.10	112.27	210.83	205.68

Sl. No.	Division	Total length of boundary (km)	Length of natural boundary (km) not requiring demarcation	Total Length of boundary (km) requiring demarcation	Total Length of boundary demarcated as on 31.03.2024
FIELD DIRECTOR (PERIYAR TR)					
28	Periyar East	207.50	50.00	157.50	153.635
29	Periyar West	129.67	52.00	77.67	77.670
30	Idukki	160.60	145.60	15.00	15.000
31	Munnar WL	342.00	41.50	300.50	279.200
FIELD DIRECTOR (PERIYAR TR) TOTAL		839.77	289.1	550.67	525.505
FIELD DIRECTOR (PARAMBIKULAM TR)					
32	Peechi	161.90	151.07	10.83	6.83
33	Parambikulam	153.50	153.50	0.00	0.00
34	Silent Valley	198.23	121.92	76.31	62.01
35	Wayanad WL	474.00	300.60	173.40	159.75
36	Aralam	78.77	52.37	26.40	26.40
FIELD DIRECTOR (PARAMBIKULAM TR) TOTAL		1066.40	779.46	286.94	254.99
GRAND TOTAL		16873.689	5230.434	11643.2549	10710.1974

Encroachment on Forest Land

As on 31.03.2024, the extent of encroachment on forest land to be evicted is 4973. 6949 Ha.

Table 2.3
Details of encroachment on forest land

Circle	District	Division	Extent of Encroachment (Ha)
Southern Circle	Pathanamthitta	Konni	10.5898
		Ranni	1.7404
	Kollam	Thenmala	1.9928
		Punalur	0.9700
	Thiruvananthapuram	Thiruvananthapuram	0.59202
SOUTHERN CIRCLE TOTAL			15.8850
High Range Circle	Ernakulam	Kothamangalam	434.0366
	Kottayam	Kottayam	105.8837
	Idukki	Munnar	1093.5907
		Marayoor	0.0300
		Mankulam	358.4255
HIGH RANGE CIRCLE TOTAL			1991.9665

Circle	District	Division	Extent of Encroachment (Ha)
Central Circle	Thrissur	Thrissur	191.6903
		Chalakkudy	0.2644
	Ernakulam	Malayattoor	127.6550
CENTRAL CIRCLE TOTAL			319.6097
Eastern Circle	Malappuram	Nilambur North	657.8708
		Nilambur South	2.1200
	Palakkad	Palakkad	37.6850
		Mannarkkad	635.1787
		Nenmara	237.6512
EASTERN CIRCLE TOTAL			1570.5057
Northern Circle	Kozhikode	Kozhikode	75.4290
		Kozhikkode TS	0.5165
	Wayanad	Wayanad South	705.0679
		Wayanad North	230.5123
	Kannur	Kannur	40.5370
	Kasargod	Kasargod	5.4370
NORTHERN CIRCLE TOTAL			1057.5007
Field Director (Periyar TR)	Idukki	Periyar East	4.0060
FIELD DIRECTOR (PERIYARTR) TOTAL			4.0060
Field Director (Parambikulam TR)	Palakkad	Silent Valley	11.5785
	Kannur	Aralam	2.0000
	Wayanad	Wayanad WL	0.6428
FIELD DIRECTOR (PARAMBIKULAM TR) TOTAL			14.2213
GRAND TOTAL			4973.6949

2.3 Forest Fire Prevention

Forest Fire Prevention Measures

Forest fire prevention measures primarily involve the creation and maintenance of fire lines, along with the deployment of fire protection watchers. In 2023-24, a total of 3305.450 kilometers of fire lines, fire strips, and fire breaks were established and maintained. Additionally, 149239 fire watchers were engaged (measured in man-days) to ensure fire safety. Controlled burning and biomass removal were carried out across 1016 hectares. A total expenditure of Rs.2071.464 lakh was incurred for these activities, underscoring the state's commitment to proactive forest fire management and protection.

Table 2.4
Details of forest fire prevention measures

Sl. No.	Name of division	Length of fire line created / maintain ned/ fire strip (km)	Length of fire break created/ maintained (km)	Control burning Area (Ha)	Biomass removal area (Ha)	No. of fire watchers engaged (mandays)	Expenditure (amount in lakh)
TERRITORIAL DIVISION							
1	Thiruvananthapuram	7.200	-	11.500	-	5572	47.565
2	Thenmala	20.000	-	-	-	2815	182.480
3	Punalur	49.770	-	-	-	7898	69.020
4	Konni	102.815	-	-	-	4892	52.495
5	Achencovil	17.900	-	-	-	1229	14.676
6	Ranni	185.000	-	-	-	7892	85.220
7	Kottayam	46.620	-	-	-	4245	53.331
8	Munnar	133.030	1.000	-	-	4245	66.596
9	Marayoor	64.800	-	-	-	182	13.612
10	Kothamangalam	162.420	-	-	226.000	7424	92.690
11	Mankulam	23.700	-	-	-	625	17.724
12	Malayattoor	129.900	-	-	-	7577	66.348
13	Chalakudy	-	48.000	-	-	2315	21.410
14	Vazhachal	143.320	-	-	-	2702	27.784
15	Thrissur	-	-	-	98.570	9440	103.760
16	Nenmara	67.200	-	-	-	4755	42.504
17	Palakkad	79.000	-	-	286.000	2237	26.380
18	Mannarkad	17.100	-	-	-	5434	54.710

Sl. No.	Name of division	Length of fire line created / maintained / fire strip (km)	Length of fire break created / maintained (km)	Control burning Area (Ha)	Biomass removal area (Ha)	No. of fire watchers engaged (mandays)	Expenditure (amount in lakh)
19	Nilambur South	50.300	-	33.100	113.400	2953	67.033
20	Nilambur North	92.650	-	-	-	4179	55.650
21	Kozhikode	-	26.980	4.011	-	4322	38.793
22	Kannur	-	-	158.671	-	4415	43.586
23	Kasargod	-	38.500	-	15.000	451	4.136
24	Wayanad South	-	-	0.400	-	7671	98.908
25	Wayanad North	-	192.785	-	192.785	5179	79.511
Total		1392.725	307.265	207.682	931.755	110649	1425.922
WILDLIFE DIVISION							
26	Thiruvananthapuram WL	15.000	-	-	-	78	25.242
27	Shenduruney	86.000	-	-	-	1460	39.400
28	Periyar East	174.500	-	-	-	8372	76.185
29	Periyar West	185.000	-	-	-	3322	78.550
30	Munnar WL	224.000	-	-	-	13259	81.560
31	Idukki WL	74.800	-	-	-	1947	29.837
32	Peechi WL	94.000	-	-	-	4430	38.000
33	Parambikkulam TR	34.500	89.860	-	-	3600	32.800
34	Silent valley NP	204.000	-	-	-	2628	91.164
35	Wayanad WL	-	285.900	316.150	-	6793	99.610
36	Aralam WL	37.200	-	-	-	670	20.410
TOTAL		1129.000	375.760	316.150	0.000	46559	612.758
GRAND TOTAL		2521.725	683.025	523.832	931.755	157208	2038.680

Fire Incidents

During 2023-24, a total of 347 forest fire incidents were reported, which affected 499.274 Ha of forest area and caused a financial loss of Rs.15,500 (Financial loss in 2 cases where offences were booked).

Table 2.5
Abstract of fire incidents

Fire season	Number of incidents	Area affected by fire (Ha)
2023-24	347	499.274

Table 2.6
Abstract of fire incidents for the last 10 years

Fire season	Number of incidents	Area affected by fire (Ha)
2014-2015	486	1756.000
2015-2016	564	2024.000
2016-2017	737	2989.680
2017-2018	330	1279.000
2018-2019	596	2034.810
2019-2020	381	784.340
2020-2021	167	450.910
2021-2022	124	308.630
2022-2023	377	839.285
2023-2024	347	499.274

Graph 2.1 Fire Incidents and Area Affected: 10-Year Trend Analysis



Table 2.7
Division-wise forest fire incidents

Sl. No	Name of division	No. of incidents	Area affected by fire (Ha)
TERRITORIAL DIVISION			
1	Thiruvananthapuram	10	13.142
2	Punalur	11	10.010
3	Thenmala	10	10.465
4	Konni	19	25.700
5	Ranni	20	31.750
6	Kottayam	19	30.040
7	Munnar	38	56.810
8	Marayoor	6	10.400
9	Kothamangalam	26	24.486
10	Malayattoor	3	4.000
11	Chalakydy	10	8.770
12	Thrissur	11	36.909
13	Nenmara	12	12.308
14	Palakkad	15	21.560
15	Mannarkad	43	72.650
16	Nilambur South	21	26.950
17	Nilambur North	23	18.127
18	Wayanad South	4	3.006
19	Wayanad North	3	8.705
20	Kozhikkod	8	10.331
21	Kasargode	1	3.000
TOTAL		313	439.119
WILDLIFE DIVISION			
22	Thiruvananthapuram WL	1	2.500
23	Periyar East	2	1.490
24	Silentvalley	3	13.000
25	Idukki WL	1	0.500
26	Parambikulam	2	6.500
27	Peechi WL	6	6.000
28	Wayanad WL	19	30.165
TOTAL		34	60.155
GRAND TOTAL		347	499.274

Plantations affected by forest fire

Table 2.8
Plantations affected by forest fire (area in Ha)

Sl No	Divisions	Teak	Acacia auriculiformis	RDF	Eucalyptus	Manjium	Miscellaneous	Total
1	Thiruvananthapuram	0.00	4.90	0.00	0.00	0.00	1.50	6.40
2	Punalur	0.50	0.00	0.00	1.00	0.00	0.00	1.50
3	Thenmala	8.21	0.00	0.00	0.00	0.00	0.00	8.21
4	Ranni	0.50	0.00	0.00	0.00	5.00	0.00	5.50
5	Kottayam	2.00	0.00	0.00	0.00	0.00	0.00	2.00
6	Munnar	0.00	0.00	0.00	0.00	0.00	7.61	7.61
7	Chalakkudy	0.00	0.00	1.50	0.00	0.00	0.00	1.50
8	Palakkad	1.21	0.00	0.00	0.00	0.00	0.00	1.21
9	Nilambur North	1.00	0.00	0.00	0.00	0.00	0.00	1.00
10	Nilambur South	2.10	0.00	0.00	0.00	0.00	3.70	5.80
11	Wayanad North	0.40	0.00	0.00	0.00	0.00	0.00	0.40
12	Wayanad South	0.16	0.00	0.00	0.00	0.00	0.00	0.16
13	Wayanad WL	1.70	0.00	0.00	0.00	0.00	0.00	1.70
TOTAL		17.78	4.90	1.50	1.00	5.00	12.81	42.99

2.4. Forest Offences

Table 2.9
Abstract of number of cases booked

Cases	Upto 2023	During 2024	Total upto 2024
Under Kerala Forest Act	39597	248	39845
Under Wildlife Protection Act	4344	194	4538
61 A Cases	2440	60	2500
Other Acts	5383	126	5509
TOTAL	51764	628	52392

Table 2.10

Circle-wise number of cases booked under various acts

Sl. No.	Circle	Under KF Act upto 2023	KF Act during 2024	KF Act at the end of 2024	Under WLP Act upto 2023	WLP Act during 2024	WLP Act at the end of 2024	Other Acts upto 2023	Other Acts during 2024	Other Act at the end of 2024	No. of 61A cases upto 2023	61 A cases during 2024	61 A cases at the end of 2024
1	Southern Circle	3626	18	3644	729	33	762	295	41	336	153	2	155
2	High Range Circle	15904	69	15973	491	32	523	2988	11	2999	628	10	638
3	Central Circle	3491	45	3536	968	34	1002	367	10	377	187	7	194
4	Eastern Circle	10495	46	10541	828	41	869	934	16	950	490	9	499
5	Northern Circle	3740	28	3768	884	39	923	629	48	677	904	29	933
6	Agasthyavanam Biological Park	212	5	217	58	0	58	11	0	11	4	0	4
7	Field Director (Periyar TR)	1201	5	1206	128	3	131	82	0	82	26	2	28
8	Field Director (Parambikuam TR)	928	32	960	258	12	270	77	0	77	48	1	49
TOTAL		39597	248	39845	4344	194	4538	5383	126	5509	2440	60	2500

2.5 Vigilance and Forest Intelligence

As per the Government Order GO(MS) 289/71/Agri dated 23.12.1971, the objective of Vigilance Wing is to combat corruption and misconduct in the Department effectively and to detect and prevent forest offences.

Table 2.11
Contrabands seized by Forest Intelligence Cell during 2023-24

Sl No	Case details	Qty (kg/ nos seized)	Vehicles	Accused	Range
1	A Sandboas snake, listed in Schedule 1 Of the Wildlife Protection Act, - Seized while attempting to sell	6 no	6	19	Paruthippally, Pathanapuram, Anchal
2	Seized illegally collected sandalwood While attempting to sell	307.8 Kg	4	16	Ottapalam, Konni, Paruthippally, Ottapalam, Paruthippally, Thoddupuzha
3	Caught While collecting and selling Elephant tusks, which are listed under Schedule 1 of the Wildlife Protection Act	15	13	44	Thamarassery, Kodanad, Thamarassery, Erumeli, Bengur, Kalikavu, Adimali, Attapadi, Neriamangalam, Palode
4	Star Turtle listed in Schedule 1 of The Wildlife Protection Act, seized While attempting to sell	2 nos	1	3	Palode
5	Seahorse, listed in Schedule 1 of the Wildlife Protection Act, seized while Attempting to sell	96 nos	0	1	Olavakkode
6	Arrested for possession of sambar deer meat listed in Schedule 1 of the Wildlife Protection Act	9 kg	0	5	Anchal, Aryankavu
7	Birds, listed in Wildlife Protection Act, Seized while attempting to sell	44 nos	1	1	Konni
8	Arrested for possession of Porcupine Meat listed in Schedule 1 of the Wildlife Protection Act	6 kg	2	4	Anchal, Devikulam

Apart from this, a total of 146 raids were conducted by Flying Squad Divisions across the state to prevent Gunja and illicit brewing. Several vehicles were seized in relation to smuggling of forest products.

Table 2.12
Petitions / Irregularities enquired by Vigilance Wing during 2023-24

Sl. No.	Particulars	No. of cases
1	Illicit felling of trees and smuggling of timber and other forest produce	72
2	Encroachment in Reserved Forest	27
3	Irregularities in execution of government works and misappropriation of government money	32
4	Matter related to irregularities in wild elephants and other animals	7
5	Cases of subordinates misbehaviour	35
6	Illicit transport of forest produce	6
7	Corrupt practices in auction	1
8	Other kinds of petitions	66
9	Violation of KPT Rules / Act	9
10	Violation of WL(P) Act	15
11	Illicit distillation	4
12	Atrocities against Tribals	5
13	Atrocities against animals	10
14	Illicit collection of rubble and sand	2
15	Ganja cultivation	1
16	Illicit felling storage and transport of timber from private lands	14
17	Petition against forest officials	216
18	Petition against VSS/EDC	17
19	Fire Occurance	2
20	Misuse of departmental vehicles	1
21	Smuggling of sand	6
22	Petition regarding captive elephant	55
23	Petition regarding crop damage	5
24	Illegal mining	2

Sl. No.	Particulars	No. of cases
25	Petition regarding mismanagement	2
26	Illicit entry into forest	1
27	Irregularities in connection with wood based industries	11
	Total	624

2.6 Employment Generation

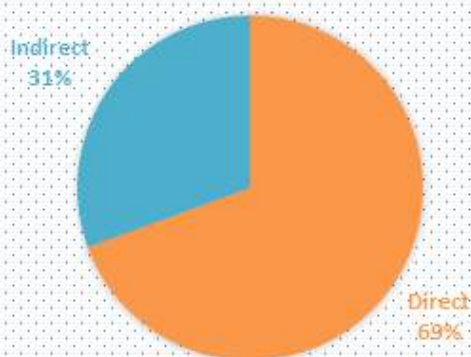
Circle-wise details of direct and indirect employment during 2023-24 is shown below.

Table 2.13
Employment generation-Direct and Indirect
(Man days)

Sl. No.	Circle/Head quarter offices	2023-24		Total
		Direct	Indirect	
1	Southern Circle	50915	56193	107108
2	High Range Circle	32830	33051	65881
3	Central Circle	83411	16263	99674
4	Eastern Circle	67097	67125	134222
5	Northern Circle	113808	16834	130642
6	Agasthyavanam Biological Park	9838	3010	12848
7	Field Director (Periyar TR)	85799	8336	94135
8	Field Director (Parambikuum TR)	118306	25251	143557
9	SF Suthern Region	3520	233	3753
10	SF Central Region	10218	2450	12668
11	SF Northern Region	4584	493	5077
12	Inspection & Evaluation, KYM	286	2866	3152
13	Inspection & Evaluation, KZD	588	0	588
14	Human Resource Development	5619	29190	34809
15	Wildlife	873	0	873
16	Vigilance	325	0	325
17	Administration	231	0	231
18	Social Foresrty	960	0	960

Sl. No.	Circle/Head quarter offices	2023-24		Total
		Direct	Indirect	
19	Information Technology	593	0	593
20	Working Plan & Research	2384	0	2384
21	Estate Office	600	0	600
Total		592785	261295	854080

Graph 2.2 Proportion of Direct and Indirect Employment Generated under various schemes



Chapter III

HUMAN - WILDLIFE CONFLICT MANAGEMENT

Human-wildlife conflict is a significant concern in Kerala, especially in areas bordering forests and wildlife habitats. Encounters with wild animals such as elephants, leopards, and wild pigs often lead to property damage and, in some cases, human casualties. The state government and Forest Department are implementing various measures to mitigate human-wildlife conflict.

3.1 Human - Wildlife Conflict Incidents

A total of 10627 Human Wildlife Conflict incidents was reported in Kerala during 2023-24.

Table 3.1
Abstract of human-wildlife conflict incidents

Incidents	Snake	Elephant	Wild Pig	Wild Gaur	Tiger	Leopard	Others	Total
Human Death	34	22	11	4	1	0	4	76

In 2023-24, 1603 people were injured by human-wildlife conflict, 807 livestock died and 8141 crops and property loss were occurred. The total number of human wildlife conflicts in 2023-24 was 10627. The number of people killed by bees/wasps in 2023-24 was 18.

Wild Animals Rescued

In 2023-24, multiple cases of human-wildlife conflict were scientifically assessed and managed. Wild animals that strayed into human habitations were rescued following established protocols and safely released back into their natural habitats.

Table 3.2
Circle-wise rescued birds and animals - Summary table

Sl. No.	Name of Divisions	Birds	Animals	Total
SOUTHERN CIRCLE				
1	Thiruvananthapuram	134	267	401
2	Ranni	33	78	111
3	Punalur	107	143	250
4	Konni	52	48	100
Total		326	536	862

Sl. No.	Name of Divisions	Birds	Animals	Total
HIGH RANGE CIRCLE				
		8	14	22
1	Kothamangalam	25	100	125
2	Munnar	1	4	5
3	Marayur	-	1	1
4	Kottayam	12	52	64
Total		46	157	217
CENTRAL CIRCLE				
1	Vazhachal	13	63	76
2	Chalakkudy	75	247	322
3	Malayattoor	82	235	317
4	Thrissur	125	576	701
5	SIP	8	24	32
Total		303	1145	1448
EASTERN CIRCLE				
1	Mannarkkad	38	115	153
2	Nilambur (N)	49	146	195
3	Nilambur (S)	196	121	317
4	Palakkad	303	185	488
5	Nenmara	49	61	110
Total		635	628	1263
NORTHERN CIRCLE				
1	Kozhikkode	54	411	465
2	Wayanad(N)	7	25	32
3	Wayanad(S)	17	138	155
4	Kannur	43	184	227
5	Kasargode	50	100	150
Total		171	858	1029
FIELD DIRECTOR(PERİYAR TR)				
1	Periyar (E)	9	10	19
2	Periyar (W)	-	7	7
3	Idukki	5	2	7
4	Munnar WL	1	-	1
Total		15	19	34

Sl. No.	Name of Divisions	Birds	Animals	Total
FIELD DIRECTOR(PARAMBIKULAM TR)				
1	Wayanad (WL)	3	250	253
2	Peechi	-	9	9
Total		3	259	262
Grand Total		1499	3616	5115

Table 3.3**Species-wise details of rescued wild animals**

Sl.No.	Name of Animals	Number
1	Peacock	422
2	Eagle / Hawk	220
3	Barn Owl / Owl	515
4	Parrot	155
5	Migrating Birds	21
6	Crane / Stork	21
7	Woodpecker	3
8	Grey Hornbill	5
9	Other Birds	120
10	Honey Bee	17
11	Monkey / NilgiriLangur	362
12	Wild Pig	561
13	Gaur	32
14	Asian Palm Civet	1093
15	Elephant	33
16	Jungle Cat	55
17	Porcupine	306
18	Fox/Jackal/Wild Dog	215
19	Toddy Cat	259
20	Sambar deer	52
21	Spotted deer	184
22	Barking deer	42
23	Mouse deer	4
24	Tortoise / Sea Turtle	72
25	Leopard	6
26	Malabar Giant Squirrel	51
27	Malabar Squirrel	5
28	Monitor lizard	242

Sl.No.	Name of Animals	Number
29	Tiger	2
30	Crocodile	1
31	Wolf	1
32	Indian Pangolin	10
33	Mongoose	14
34	Other Animals	14
Total		5115

As part of its conservation initiatives, the Kerala Forest Department introduced the mobile application **'SARPA'** (Snake Awareness, Rescue, and Protection Application). This app facilitates the monitoring of snake rescue and release operations while promoting awareness about snake conservation. A detailed report on the number of rescued snakes is provided below.

Table 3.4
Details of snakes rescued by SARPA volunteers

Sl. No.	Name of snake	Number
1	Spectacled Cobra	4949
2	Indian Rock Python	3319
3	Rat Snake	1894
4	Russell's Viper	694
5	Montne Trinket Snake	443
6	Common Wolf Snake	279
7	Russel's Wolf Snake	275
8	Checkered Keel Back	215
9	Common Sandboa	157
10	Common Krait	140
11	King Cobra	110
12	Travancor Wolf Snake	42
13	Striped Keel Back	21
14	Hump-nosed pit viper	37
15	Common Kukri snake	26
16	Collared cat snake	17
17	Ornate flying snake	31
18	Common bronze back tree snake	25

Sl. No.	Name of snake	Number
19	Red sandboa	7
20	Ashok's bronzeback	11
21	Whitaker's boa	20
22	Kerala mud snake	7
23	Southern bronze back tree snake	6
24	Beddome's keelback	5
25	Malabar vine snake	5
26	Travancore cat snake	9
27	Beaked worm snake	9
28	Anamalai pit viper	6
29	Saw scaled viper	6
30	Malabar pit viper	6
31	Travancore kukri snake	8
32	Others	2272
TOTAL		15051

3.2 Measures to Reduce Human-Wildlife Conflict

The details of the major physical barriers constructed to mitigate human-wildlife conflict during 2023-24 are as follows:

Table 3.5
Physical barriers constructed to mitigate Human-Wildlife Conflict

Circle	Solar Power fencing (km)	Elephant proof trench (km)	Elephant proof wall (km)	Solar Hanging Fence (km)
Southern Circle	37.190	0.680	0.000	0.000
High Range Circle	8.800	0.000	0.000	0.000
Central Circle	7.950	0.000	0.000	0.000
Eastern Circle	34.200	0.000	1.500	49.000
Northern Circle	27.300	0.000	0.000	35.620
Agasthyavanam Biological Park	0.000	0.950	0.000	0.930
Field Director (Periyar TR)	7.010	3.000	0.010	0.000

Circle	Solar Power fencing (km)	Elephant proof trench (km)	Elephant proof wall (km)	Solar Hanging Fence (km)
Field Director (Parambikulam TR)	3.450	0.136	0.020	0.000
TOTAL	125.900	4.766	1.530	85.550

Rapid Response Teams (RRT)

As per G.O (Rt) 275/11/F&WLD dated: 22-06-2011, Government established Rapid Response Team to drive back the crop raiding wild elephants and to manage other problems relating to human-wildlife conflict.

Table 3.6
Details of Rapid Response Teams

Sl. No	Name of RRT	Location of RRT	Officer in charge	Division	Contact Number
SOUTHERN CIRCLE					
1	Konni	Konni	Section Forest Officer	Konni	8547600601
2	Ranni	Ranni	Deputy Range Forest Officer	Ranni	8547600927
3	Peppara	Paruthippally	Range Forest Officer	Thiruvananthapuram	8547600960
4	Punalur	Anchal, Punalur	Range Forest Officer	Punalur	8547600725
HIGH RANGE CIRCLE					
5	Munnar	Devikulam,- Munnar	Range Forest Officer	Munnar	8547601351
CENTRAL CIRCLE					
6	Chalakudy	Pariyaram,Mala-yatoor	Range Forest Officer	Chalakudy	8547601812
EASTERN CIRCLE					
7	Nilambur	Nilambur	Deputy Range Forest Officer	Nilambur North	8547602200
8	Mannarkkad	Mannarkkad	Deputy Range Forest Officer	Mannarkkad	8547602315 0492-4222875
9	Palakkad	Palakkad	Range Forest Officer	Palakkad	8547602100
10	Attapadi	Attapadi	Range Forest Officer	Mannarkkad	8547602308

Sl. No	Name of RRT	Location of RRT	Officer in charge	Division	Contact Number
NORTHERN CIRCLE					
11	Kozhikode	Thamarassery	Deputy Range Forest Officer	Kozhikode	8547602798
12	Kasargod	Pandi,Kasarkode	Section Forest Officer	Kasarkode	8547602583
13	Kalpetta	Kalpetta,Mep-padi	Range Forest Officer	Wayand North	8547603486
14	Kannur	Aralam,Kottiyoor	Deputy Range Forest Officer	Kannur	8547602678
FIELD DIRECTOR (PERIYAR TR)					
15	Peerumedu	Peerumedu	Deputy Director, Periyar West	Periyar West	8547603123 04869-233710
FIELD DIRECTOR (PARAMBIKULAM TR)					
16	Wayanad	Kuppadi,- Sulthanbathery	Deputy Range Forest Officer	Wayanad Wild-Life	8547603486 04936-223500

Jana Jagratha Samithi (JJS)

To address human-wildlife conflicts effectively, 261 Jana Jagratha Samithis (JJS) have been established across Kerala. These committees serve as Primary Response Teams, offering immediate assistance in conflict situations and raising awareness about coexistence strategies. The details of the JJS network are provided below.

Table 3.7
Details of Jana Jagratha Samithi

Sl. No.	Name of circles	Number of Jana Jagratha Samithi units
1	Southern Circle	76
2	High Range Circle	37
3	Central Circle	26
4	Eastern Circle	41
5	Northern Circle	65
6	Agasthyavanom Biological Park Circle	7
7	Field Director (Periyar TR)	14
8	Field Director (Parambikulam TR)	12
Total		278

Compensation paid to individuals impacted by Human-Wildlife Conflict

The Kerala Forest Department provides compensation to individuals affected by human-wildlife conflicts under the 'Kerala Rules for Payment of Compensation to Victims of Wild Animals, 1980'. In 2023-24, a total of Rs. 2179.8 lakh was disbursed to those impacted by wildlife-related incidents.

Graph 3.1 Trend of Compensation Disbursed for HWC Cases
(2014-15 to 2023-24)

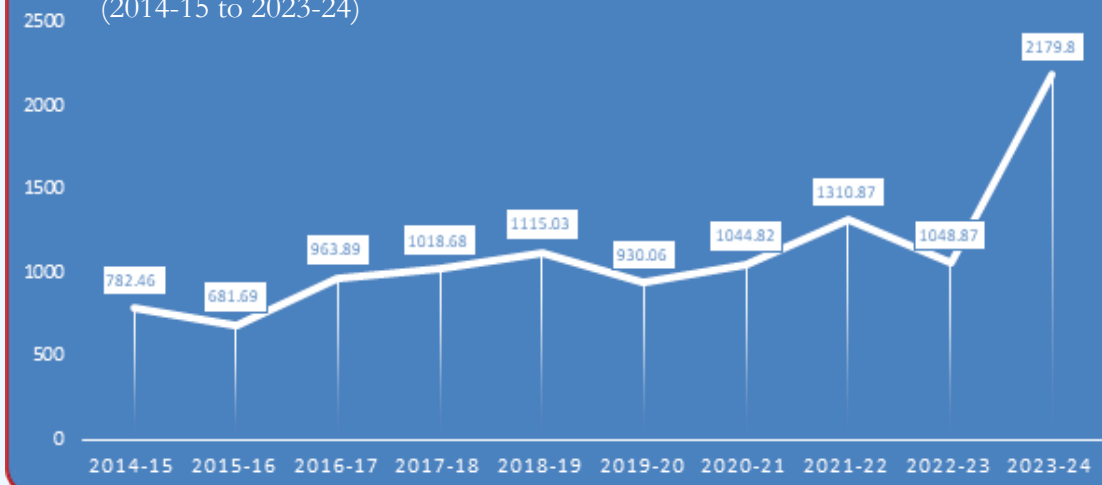


Table 3.8
Compensation paid to individuals impacted by Human-Wildlife Conflict

Incidents	No. of applicants	Amount Paid(in lakhs)
Human death	184	709.26
Human injury	1603	603.41
Cattle loss	807	230.11
Crop damage &Property loss	8141	637.02
Grand Total	10735	2179.8

3.3 Wild Animal Mortality

Managing instances where wild animals stray into human settlements and pose a threat to lives and property is governed by the Wildlife (Protection) Act, 1972. As per Section 11 of the Act, such animals may be captured and translocated when deemed necessary for public safety.

Wildlife mortality occurs due to both natural causes—such as predation and disease—and human-induced factors like habitat destruction, poaching, and conflict. Kerala, with its rich biodiversity and dense human population, faces challenges in safeguarding species such as elephants, tigers, and deer from these threats. The Kerala Forest Department, along with conservation organizations, actively works to mitigate these risks through habitat protection, conservation programs, and public awareness campaigns.

Efforts to reduce wildlife mortality include the establishment of rescue centers, conservation initiatives in wildlife corridors, and strict enforcement of wildlife protection laws. However, despite these measures, challenges persist, emphasizing the need for sustained conservation efforts and environmentally responsible practices to ensure the long-term survival of Kerala's diverse wildlife. The wildlife mortality count for the year stood at 693, as detailed in the table below.

Table 3.9
Circle-wise mortality statistics of key wildlife species

Name of Circle	Name of Animal				
	Asiatic Elephant	Tiger	Leopard or Panther	Others	Total
Southern Circle	21	3	1	139	164
High Range Circle	12	1		66	79
Central Circle	21			92	113
Eastern Circle	21			60	81
Northern Circle	5	2	5	126	138
Agasthyavanam Biological Park	5			12	17
Field Director (Periyar TR)	16	3		47	66
Field Director (Parambikuum TR)	16	4	3	12	35
Grand Total	117	13	9	554	693

Graph 3.2 Circle-wise Wildlife Mortality 2023-24

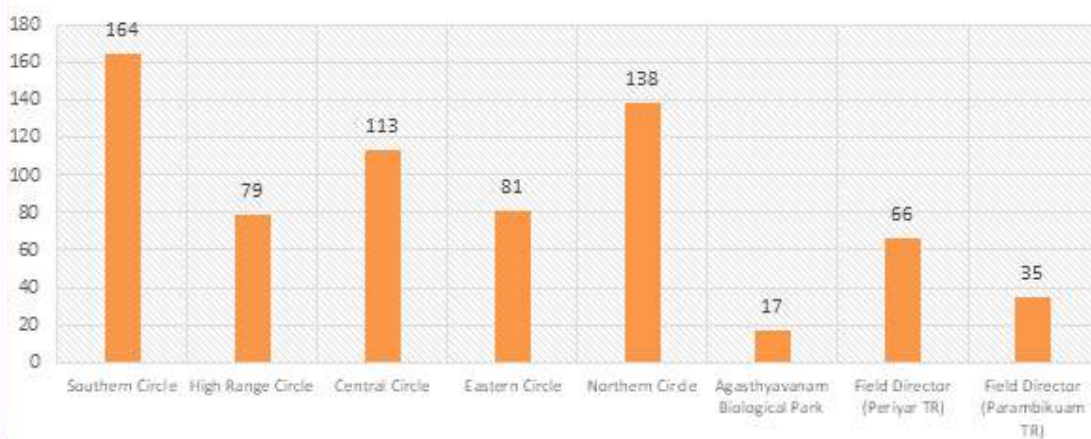


Table 3.10
Wild animal mortality species-wise

Name of Division	Name of Animal	Number of Animals
SOUTHERN CIRCLE		
Achenkovil Division	Asiatic Elephant	6
	Gaur or Indian bison	2
	Small Indian Civet	1
	Wild Pig	1

Name of Division	Name of Animal	Number of Animals
Konni Division	Asian palm civet	4
	Asiatic Elephant	4
	Bonnet macaque	3
	Common Barn Owl	1
	Gaur or Indian bison	2
	Indian Flap Shell Turtle	4
	Indian Peafowl	15
	Indian Porcupine	1
	Indo-Pacific Humpback Dolphin	6
	Jungle cat	1
	Malabar Red Muntjak	1
	Pythons	3
	Tiger	2
	Wild Pig	44
Punalur Division	Asiatic Elephant	2
	Indian Flap Shell Turtle	1
	Indian Peafowl	1
	Pythons	1
	Spotted Deer/Chital	1
	Travancore tortoise	1
	Wild Pig	1
Ranni Division	Asiatic Elephant	7
	Indian Peafowl	1
	Malabar Red Muntjak	1
	Pythons	1
	Sambar	5
	Tiger	1
	Wild Pig	2
Thiruvananthapuram Division	Asiatic Elephant	2
	Bonnet macaque	2
	Gaur or Indian bison	7
	Indian Peafowl	7
	Leatherback sea turtle	1
	Leopard or Panther	1
	Malabar Red Muntjak	2
	Sambar	9
	Sloth Bear	1
	Spotted Deer/Chital	1
	Whale shark	1
	Wild Pig	3
Total		164

Name of Division	Name of Animal	Number of Animals
HIGH RANGE CIRCLE		
Kothamangalam Division	Asiatic Elephant	1
	Indian Peafowl	1
	Wild Pig	2
Kottayam Division	Asiatic Elephant	1
	Bonnet macaque	2
	Gaur or Indian bison	2
	Indian Peafowl	2
	Jungle cat	2
	Malabar Red Muntjak	1
	Sambar	2
	Wild Pig	6
Mankulam Division	Asiatic Elephant	1
	Malabar Red Muntjak	1
Marayoor Division	Asiatic Elephant	1
	Bonnet macaque	2
	Gaur or Indian bison	19
	Indian Peafowl	1
	Sambar	2
	Spotted Deer/Chital	7
Munnar Division	Asiatic Elephant	8
	Gaur or Indian bison	7
	Indian Peafowl	1
	Indian Porcupine	1
	Malabar Red Muntjak	1
	Sambar	3
	Tiger	1
	Wild Pig	1
Total		79
CENTRAL CIRCLE		
Chalakkudy Division	Asiatic Elephant	2
	Gaur or Indian bison	1
	Indian Peafowl	8
	Indian Porcupine	2
	Nilgiri Langur	1
	Sambar	9
	Spotted Deer/Chital	1
	Whale shark	1
	Wild Pig	2

Name of Division	Name of Animal	Number of Animals
Malayattoor Division	Asian palm civet	6
	Asiatic Elephant	9
	Gaur or Indian bison	3
	Indian Cobras	1
	Indian Flap Shell Turtle	4
	Indian Peafowl	3
	Indo-Pacific Humpback Dolphin	1
	Jackal	4
	Malabar/Indian Giant Squirrel	1
	Olive Ridley Sea Turtle	1
	Pythons	4
	Sambar	3
	Small Indian Civet	1
	Spotted Deer/Chital	3
	Wild Pig	2
Thrissur Division	Asian palm civet	1
	Asiatic Elephant	1
	Bonnet macaque	1
	Indian Peafowl	13
	Indian Porcupine	5
	Malabar Red Muntjak	1
	Pythons	2
	Sambar	2
	Spotted Deer/Chital	2
	Wild Pig	2
Vazhachal Division	Asiatic Elephant	9
	Sloth Bear	1
Total		113
EASTERN CIRCLE		
Mannarkad Division	Asiatic Elephant	6
	Bonnet macaque	1
	Gaur or Indian bison	1
	Nilgiri Langur	1
	Sambar	3
	Spotted Deer/Chital	5
Nenmara Division	Asiatic Elephant	5
	Gaur or Indian bison	1
	Indian Peafowl	1
	Malabar Red Muntjak	1

Name of Division	Name of Animal	Number of Animals
Nenmara Division	Sambar	3
	Spotted Deer/Chital	9
	Travancore Flying Squirrel	1
	Wild Pig	6
Nilambur (North) Division	Asiatic Elephant	3
	Bonnet macaque	1
	Indian Peafowl	6
	Jackal	1
	Pythons	1
	Sambar	1
	Spotted Deer/Chital	2
	Wild Pig	1
Nilambur (South) Division	Asiatic Elephant	5
	Bonnet macaque	1
	Indian Peafowl	1
	Indian Porcupine	1
	King Cobra	1
Palakkad Division	Asiatic Elephant	2
	Gaur or Indian bison	1
	King Cobra	1
	Malabar Red Muntjak	1
	Pythons	1
	Russel's viper	1
	Sambar	2
	Spotted Deer/Chital	1
	Wild Pig	2
Total		81
NORTHERN CIRCLE		
Kannur Division	Asiatic Elephant	3
	Bonnet macaque	3
	Common Barn Owl	1
	Gaur or Indian bison	2
	Indian Peafowl	4
	Indian Porcupine	1
	Indo-Pacific Humpback Dolphin	1
	Jungle cat	1
	Leopard or Panther	1
	Malabar Red Muntjak	2
	Nilgiri Langur	1
	Sambar	3

Name of Division	Name of Animal	Number of Animals
Kannur Division	Spotted Deer/Chital	1
	Tiger	2
	Wild Pig	1
Kasaragod Division	Bengal Monitor	2
	Bonnet macaque	2
	Bryde's Whale	1
	Finless Porpoise	1
	Gaur or Indian bison	6
	Himalayan Vulture	1
	Indian Cobras	1
	Indian Peafowl	13
	Indian Porcupine	3
	Indo-Pacific Humpback Dolphin	2
	King Cobra	1
	Pythons	2
	Wild Pig	10
Kozhikkode Division	Bengal Fox	1
	Bryde's Whale	1
	Finless Porpoise	1
	Gaur or Indian bison	1
	Indian Peafowl	1
	Indo-Pacific Humpback Dolphin	3
	Leopard or Panther	1
	Malabar Red Muntjak	1
	Pythons	1
	Sambar	1
	Spotted Deer/Chital	1
	Wild Pig	6
Wayanad (North) Division	Asiatic Elephant	2
	Bonnet macaque	1
	Gaur or Indian bison	2
	Indian Chevrotain/Mouse Deer	1
	Jungle cat	1
	Leopard Cat	2
	Leopard or Panther	1
	Lion-tailed Macaque	1
	Pythons	1
	Sambar	2
	Spotted Deer/Chital	9

Name of Division	Name of Animal	Number of Animals
Wayanad (South) Division	Bonnet macaque	4
	King Cobra	1
	Leopard Cat	2
	Leopard or Panther	2
	Malabar Red Muntjak	6
	Sambar	1
	Sloth Bear	1
	Spotted Deer/Chital	2
	Wild Pig	5
Total		138
AGASTHYAVANAM BIOLOGICAL PARK		
Shendurney Wildlife Sanctuary Division	Asiatic Elephant	4
	Lion-tailed Macaque	1
Thiruvananthapuram Wildlife Division	Asiatic Elephant	1
	Gaur or Indian bison	10
	Sambar	1
Total		17
FIELD DIRECTOR (PERIYAR TR)		
Eravikulam National Park Division	Asiatic Elephant	1
	Gaur or Indian bison	8
	Nilgiri Tahr	1
Idukki Wildlife Sanctuary Division	Bonnet macaque	1
	Jungle cat	1
Periyar (East) Division	Asiatic Elephant	12
	Bonnet macaque	1
	Gaur or Indian bison	20
	Great Hornbill	1
	Indian Porcupine	1
	Nilgiri Langur	1
	Sambar	10
	Sloth Bear	1
	Tiger	3
Periyar (West) Division	Asiatic Elephant	3
	Gaur or Indian bison	1
Total		66
FIELD DIRECTOR (PARAMBIKUM TR)		
Parambikulam Tiger Reserve Division	Asiatic Elephant	6
	Gaur or Indian bison	1
Peechi Wildlife Sanctuary Division	Asiatic Elephant	3
	Spotted Deer/Chital	6

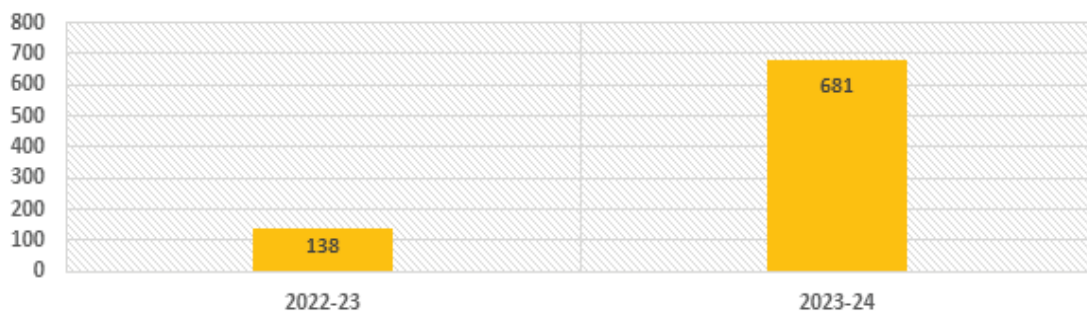
Name of Division	Name of Animal	Number of Animals
Silent Valley National Park Division	Leopard Cat	1
	Leopard or Panther	2
Wayanad Wildlife Sanctuary Division	Asiatic Elephant	7
	Asiatic Wild Dog/Dhole	1
	Gaur or Indian bison	1
	Leopard Cat	1
	Leopard or Panther	1
	Sloth Bear	1
	Tiger	4
Total		35
Grand Total		693

The Government of Kerala has issued orders for the killing of wild pig vide GO (Rt) 05/2021/F&WLD dated 11/01/2021. Further it was modified by banning killing of wild pigs using snares within 2km from forest boundary vide GO (Rt) 25/2021/F&WLD dated 28/01/2021. Based on this, 681 wild pigs were killed during the year.

Table 3.11
Wild pig mortality (culling as per Govt.order) 2023-24

Name of Circle	Culling of Wild pig as per Govt. Order
Southern Circle	67
High Range Circle	10
Central Circle	314
Eastern Circle	144
Northern Circle	146
Total	681

Graph 3.3 Wild pig culling (2022-23 vs 2023-24)



Chapter - IV

PFM AND ECOTOURISM

4.1 Participatory Forest Management (PFM)

Kerala has embraced participatory forest management as a key strategy for biodiversity conservation and improving the livelihoods of forest-dependent communities. Since 1998, the state has established partnership institutions at the grassroots level, known as Vana Samrakshana Samithies (VSS) in territorial forest divisions and Eco-Development Committees (EDC) in wildlife divisions. In 2023-24, a total of 427 VSSs and 213 EDCs actively involved in managing and conserving forest resources.

Table 4.1
Details of Vana Samrakshana Samithies (VSS)

Sl. No.	Territorial Division	No. of VSS	Forest area under VSS(Ha)	No. of families		
				SC	ST	Others
1	Thiruvananthapuram	21	5936.00	394	1045	855
2	Thenmala	11	3200.00	332	408	1010
3	Punalur	17	4730.00	335	361	512
4	Konni	23	6905.00	266	92	1333
5	Ranni	34	5675.00	541	1053	2406
6	Achencoil	6	2700.00	181	141	288
7	Kottayam	14	3552.85	219	313	1465
8	Kothamangalam	11	2510.80	96	169	813
9	Munnar	11	11340.00	53	1047	577
10	Marayoor	25	1436.00	659	907	747
11	Mankulam	10	874.90	16	431	51
12	Malayattoor	18	26957.00	208	820	629
13	Vazhachal	11	14230.00	170	321	573
14	Chalakudy	13	4127.50	142	167	1598
15	Thrissur	22	3994.27	708	100	2455
16	Palakkad	13	2036.98	464	792	2009

Sl. No.	Territorial Division	No. of VSS	Forest area under VSS(Ha)	No. of families		
				SC	ST	Others
17	Mannarkad	17	4976.00	75	537	512
18	Nilambur South	15	14099.00	199	328	1020
19	Nilambur North	31	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	19	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		427	175132.56	7062	15225	36798

Table 4.2
Details of Eco-Development Committees (EDC)

Sl. No.	Wildlife Division	No. of EDC	Forest area under EDC (Ha)	No. of families		
				SC	ST	Others
1	Parambikulam	7	43.27	11	277	58
2	Aralam	3	1375.00	0	623	0
3	Silent Valley	8	868.80	23	184	197
4	Wayanad WL	18	0.00	18	716	70
5	Peechi	12	2800.00	178	171	487
6	Thiruvananthapuram WL	33	0.00	972	843	470
7	Shendurney	10	1950.00	207	0	346
8	Idukki	9	3850.00	0	276	473
9	Munnar WL	27	0.00	432	778	1251
10	Periyar East	46	0.00	0	0	0
11	Periyar West	40	0.00	1621	0	1736
TOTAL		213	10887.07	3462	3868	5088

Grama Haritha Samithy (GHS)

The Grama Haritha Samithy (GHS) initiative aims to promote afforestation and environmental conservation at the ward level, engaging local residents in collective conservation efforts. Each ward is allowed only one such association. The Ex-officio Secretary (Section Forest Officer/Beat Forest Officer) introduces the program, and interested residents form a Grama Haritha Samithy (GHS) with a structured Memorandum of Association (MOA). Each GHS nominates four representatives (two men and two women) to represent them in the Panchayat Haritha Samithy (PHS). The GHS is formally affiliated with the PHS, which assigns it an official affiliation number. The GHS collaborates with local residents to develop micro-plans for afforestation and conservation efforts within their ward and adjacent natural habitats. The nominated representatives provide leadership and direction for these activities. In 2023-24, five Grama Haritha Samithy was established.

4.2 Ecotourism

Ecotourism Destinations in Kerala

Ecotourism in Kerala's forest areas is managed by Forest Development Agencies (FDAs), providing visitors with opportunities to explore the state's rich biodiversity while supporting conservation efforts. Currently, 71 ecotourism destinations are operational, offering sustainable tourism experiences that benefit both local communities and the environment.

Table 4.3
District-wise number of ecotourism destinations in Kerala

Sl. No.	District	No. of destination
1	Thiruvananthapuram	6
2	Kollam	4
3	Pathanamthitta	3
4	Kottayam	3
5	Idukki	12
6	Ernakulam	5
7	Thrissur	4
8	Palakkad	8
9	Malappuram	5
10	Kozhikkode	6
11	Wayanad	9
12	Kannur	5
13	Kasargod	1
TOTAL		71

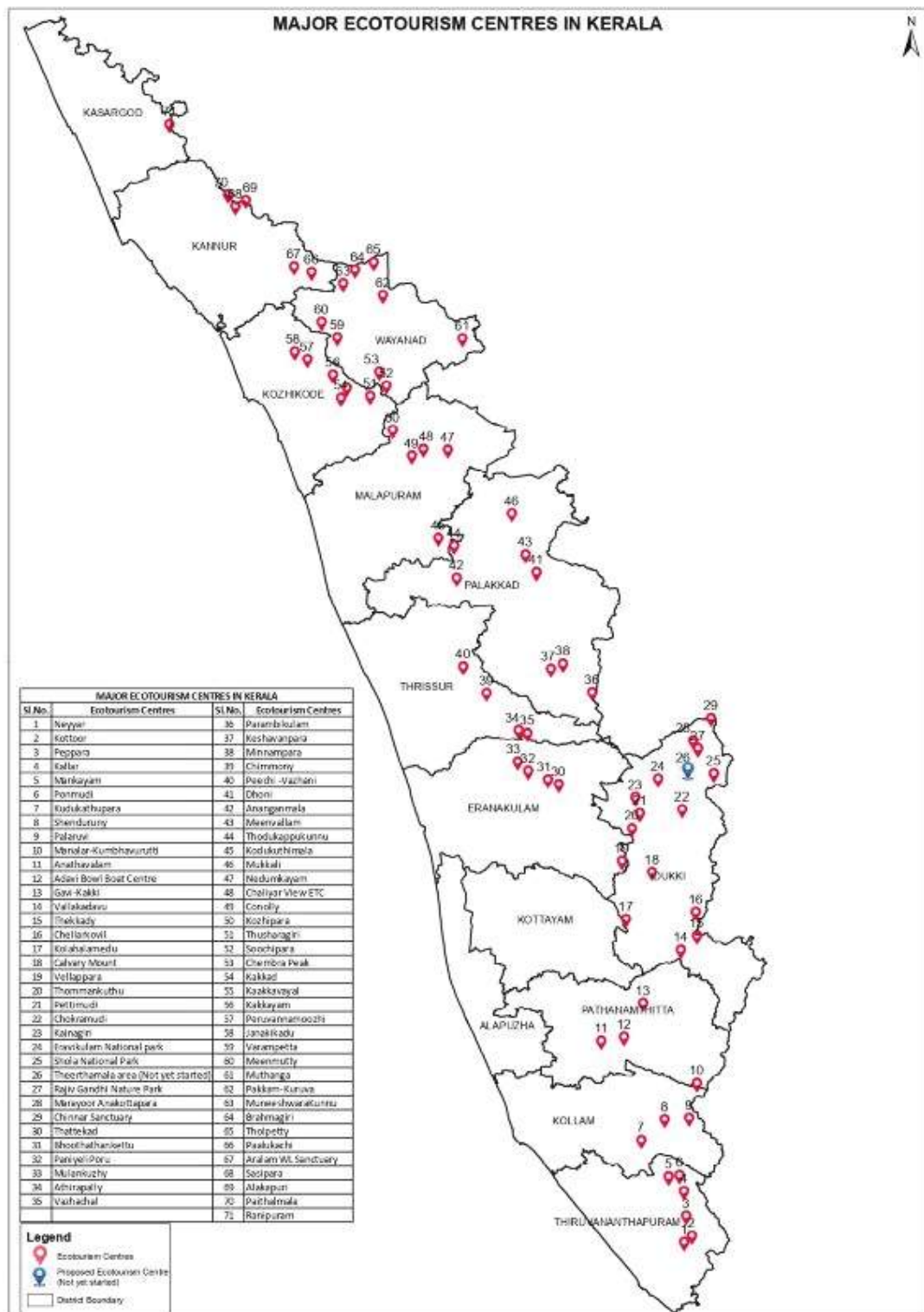


Table 4.4
Details of eco-tourism destinations in Kerala

Sl. No.	Name of Destination & Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
I THIRUVANANTHAPURAM DISTRICT						
1	Kottoor (2010)	Sponsoring elephant feed, Bamboorafting, Kattadikkunnu camp, Visit to interpretation centre, Rowing in the lake	By bus- 35 km from Thiruvananthapuram	A/c & Non-A/c cottages available, Stay in the cottages of Kottoor Bowl Boating (Kuttavanchi) Pedal Boating Kappukadu-Erappupara-Kizhakkumala trekking, Kappukadu-Kathirumudi trekking,	Elephant Rehabilitation Centre, Kottoor – Entrance fee for adult Rs. 40 and children Rs. 25/- for Indians and Rs. 85/- for adult, Rs. 50/- children for Foreigners. Still Camera Rs. 45/- and Video Camera Rs. 335/- Boating (Bowl Boat) -Rs.400/- per 4 Indians, Rs.600/- per 4 foreigners Pedal Boat : Rs. 200/- for four Indians, Rs. 560/- for four Foreigners, Kizhakkumala Trekking – 1300/5 for Indians Kathirmudi Trekking - Rs.2500/5 for Indians. Stay in the Cottage of Kottoor– Rs. 1600/4 Indians and 2500/4 Foreigners	8547602960 8547602969

Sl. No.	Name of Destination & Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
2	Neyyar WLS (2000)	Crocodile Park, Snug Havens Neyyardam, 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 Crocodile Park ADP Boating Kakkathookki Trekking	ADP Boating (Deer Park, Agasthya Crocodile Park) at Neyyar Lake - Rs. 250/- per Indian adult, Rs. 150/- per Indian child, Rs. 500/- per foreigner adult, Rs. 300/- per foreigner child, Minimum 10 people required for a trip. Trip Timing - 10 AM to 4 PM, Still camera 45/- Video camera - 335/- Bus safari - Neyyar - Kottoor visit Minimum 10 persons Rs. 4000/- for Indians, Rs. 8000/- for Foreigners. Maximum 22 persons Rs. 400/- per person for Indians and Rs. 800/- per person for Foreigners, Rs. 200/- for Indian child, Rs. 800/- for Foreign child, Crocodile Park - Rs. 25/- for Indian adult, Rs. 40/- for foreign adult, Rs. 15/- for Indian child and Rs. 35/- for foreign child Nestler's Harbor - Kombai Boating - Animal sightings Dormitory and one attached separate room. Rs. 10800/- for minimum 6 person and maximum 15 person for Indians (Rs. 1800/- each) Rs. 21600/- for minimum 6 person and maximum 15 person for foreigners (Rs. 3600/- each) Anchunazhikathodu - Nature walk and furnished building Rs. 10000/- for 1-5 Indians, Rs. 20000/- for 1-5 foreigners Citadel, Kottamanpuram - Rs. 4500/2 for Indians, Rs. 9000/2 for Foreigners. Kakkathookki Trekking - Rs. 4000/5 for Indians, Rs. 2000/5 for Indian child, Rs. 8000/5 for Foreigners, 4000/5 for Foreign child. Additional Rs. 800/- for Indians and Rs. 1600/- for foreigners. Vettimurichakone - 6400/4 for Indian Adult and Rs. 12800/4 for Foreigners	Asst. wild-life Warden, Neyyar 8547602970 8547602955 (Monday not working)

Sl. No.	Name of Destination &Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
3	Peppara WLS (2010)	Vazhuvanthol falls visit, Agasthyarkoodam trekking, Pandipath camp, Agasthyarkoodam view tower camp, Manchadikkanam Machan camp	By bus- 50 km from Trivandrum	Temporary camp shed available	Vazhuvanthol Trekking Rs. 1500/- for 10 persons (Indian child and adult) Rs. 3000/- for 10 persons (Foreign child and adult) Eco Lodge – Rs. 1200/- (4 persons) for Indians and Rs. 2400/- (4 persons) for Foreigners. Agasthyarkoodam Trekking (Season Package) - Rs.1580/- for Indians and foreigners. Agasthyarkoodam Trekking (Off season) - Rs.18310/- for 5 Indians, Rs.32000/- for 5 foreigners Rs.36620/- for 10 Indians	Asst.wildlife warden, Peppara 8547602951 8547602948
4	Ponmudi (2007)	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.40/- per Indian Adult, Rs.20/- per Indian Child, Rs.300/- per foreigner Adult, Rs.225/- per foreigner Child, Bike- Rs.20/-, Auto - Rs. 30/- Car / Jeep-Rs.40/-, Medium Motor vehicle – Rs. 80/- Heavy Vehicle – Rs. 100/- Documentary - Rs. 2000/- Still camera - Rs.70/- Video - Rs. 500/- Trekking 6 hrs. Manachala&Maruthwamala (5 Nos. Pax) Rs. 3500/- Trekking 12hours - Varayadumotta (5 Nos. Pax) Rs. 5000/- Carrying Capacity per day 1500 Numbers	8547601005 9847325027 (All days working)
5	Mankayam (2005)	Mankayamwater falls and adjacent areas	By bus(Tvpm-Nedumangad-Peringamala-Mangayam)		Entry fee - Rs.40/- per Indian Adult, Rs.20/- per Indian Child, Rs.300/- per foreigner Adult, Rs.225/- per foreigner Child, Trekking Varayadumotta – 8 hours Rs. 2500/-(5pax) for Indians and Foreigners Trekking Seethatheertham – 4 hours Rs. 2000/- (5 pax) for Indians and Foreigners Bike- Rs.20/-, Auto - Rs. 30/- Car / Jeep-Rs.40/-, Medium Vehicle – Rs. 80/-, Heavy Vehicle – Rs. 100/- Still camera - Rs.25/- Video - Rs. 150/-	8547601005 8547600993 (All days working)

Sl. No.	Name of Destination &Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
6	Kallar (2005)	Meenmutty waterfalls in the evergreen forests in foot hills of Ponmudi	By bus- 29 km (Trivandrum-Nedumangad-Vithura-Kallar)		Entry fees – Rs. 40/- for Indian adult and Rs. 20/- for Indian child Rs. 300/- for Foreigner and Rs. 225/- for Foreign child Rs. 400/- per head (max. 10 members) 12 hrs. Rs. 4000/- (max. 5 members) 36 hrs. Including one night halt. Rs. 6000/- (max. 5 members) 60 hrs. Including two night halt. Trekking Special class Rs. 400/- per head for one hr. Rs. 600/- per head for 1-3 hrs. Rs. 750/- per head for 3-6 hrs. Still camera Rs. 70/- Video camera Rs. 500/- Documentary Rs. 2000/- Two wheeler Rs. 20/- Three wheeler - Rs. 30/- Four wheeler - Rs. 40/- Medium vehicle – Rs. 80/- Heavy vehicle – Rs. 100/- Carrying capacity - 500	8547600949 9895581262 (All days working)
II. KOLLAM DISTRICT						
	Forest Museum (Kulathupuzha) (2023)	Children's park, Forest products, Information centre,	Trivandrum to Thenmala Road - 61 km (1 hr 40 minutes)	Snack bar, Guest house	Entry fee- Rs. 50/- per Adult, Rs.25/- per Child (5 years to 15 years), Rs. 250/- for foreigners and Rs. 125/- for foreign children. Still camera Rs. 70/- and Video camera Rs. 500/-	8547677292
7	ManalarKumbhavurutty (Achencovil) (2002)	Evergreen forest, Grass land, Trekking Shola forest, Water falls, Pilgrimage, Achencovil temple of Lord Ayyappa	42 km-(Punalur Alimukku Mullumala Achen covil) 80 km-(Punalur- Thenmala Aryankavu)	Waterfalls, Trekking, Nature camps, Sight seeing	Entry fee--Rs. 50/- per Adult, Rs.25/- per Child (5 years to 15 years), Bike / Auto- Rs.30/-, Four wheeler- Rs.75/- Medium Motor Vehicle - Rs.150/-, Heavy Vehicle - Rs.200/- (Carrying capacity – 100)	0475 - 2342315 RFO, Achencovil 8547600501
8	Palaruvi (Thenmala) (2002)	Water falls, Bourdillons plot – First stumped teak plantation of Kerala in 1891 Sight seeing Trekking	Punalur-36 km Arayankavu- 5 km Shenkottai- 20 km Kollam-80 km Trivandum- 85 km	Interpretation centre cum ticket counter, Vanasree eco shop, Palaruvi canteen, Bathing ghats, Visit to remains of the historical structures,	Entry fee- Sight seeing - Rs 70/- per indian adult, Rs 30/- per indian child, Rs 35/- per student, Rs 200/- per foreigner Trekking : Rs. 100/- for Indians and Rs. 200/- for foreigners Parking Bike – Rs. 25/- Auto- Rs.60/-, Four wheeler – Rs. 200/- Tourist Bus- Rs.200/-, Van / Mini bus-Rs.200/-, Still camera- Rs.50/- Movie camera-Rs.100/- Carrying capacity - 500	9446361543

Sl. No.	Name of Destination &Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
9	Kudukkathupara (2002)	Nature vision and Trekking	Anchal – Alancherry - Anakulam	Resting place, Toilet, Drinking water, Parking area etc.	Entrance fee :Rs. 30/- for adults, Rs. 10/- for children and Rs. 100/- for foreigners Parking :Two wheeler – Rs. 20/-Three wheeler – Rs. 30/- Car/Jeep – Rs. 100/- Mini Bus – Rs. 100/- Bus – Rs. 100/- (Carrying capacity – 250)	8547600726 0475-2270100
10	Shendurney (2004)	Jungle safari, Soft trekking, Hard trekking, Night trekking, Boating, Jungle camping	Kollam- 66 km	Trekking,boating- Camping in forests, Guide service,food, Furnished rooms, Jeep safari,Natural spa in streams	Jungle safari (By Bus) Wet'n' wild trail- Rs.4000/- for 10 person (3 hour) Jeep Safari (3 hour) – Rs. 3000/4. Dream trail night Jeep safari – Rs. 6000/6 (3 hour) Birders trail- (5 person for 3 hours) Rs.1000/5 for Indians and Rs. 2000/5 for foreigners. Soft trekking) – 1000/2 (for 3 hours) Hard trekking – 2500/2 (for 6 hours) (Minimum- 2 pax) Students Trekking – Nature walk - 1000/10 for Indian student (2 hour)Trekking – (4 person for 1 hour) 600/4 for Indians and 1200/4 for foreigners Boat safari – Rs. 3000/8 for Indians and 6000/8 for foreigners (1 hour) – Rs. 2000/8 for Indians and Rs. 4000/8 for foreigners (Half hour) – Coracle (Kuttavanchi) – Rs. 400/4 for Indians and Rs. 800/4 for Foreigners (30 minutes) Kalamkunnu Safari – Rs. 750/10 for Indians and 2000/10 for foreigners (1 hour) Rosemala Viewing Tower : Entry ticket – Rs. 50/- for Indians and Rs. 200/- for foreigners - Rosemala Heaven & Nature's Beauty, Idimuzhanganpara – Rs. 10000/- for parents and 2 children (24 hour- working days) Rs. 14000/4 (adult – 24 hours) - Working days, Rs. 15000/- for Holidays, Rs 30000/4 for foreigners (Woking & Holidays) Twin Tower Kurumthotti Valavu& Bamboo Hut, Kalamkunnu – Rs. 8500/2 for Indians and Rs. 17000 /2 (24 hours) Jungle Retreat, Kalamkunnu – Rs. 3500/2 (One room) Rs. 10000/6 (Three room)	8547602931 8547567935
III. PATHANAMTHITTA DISTRICT						
11	Konni Elephant Camp(2009)	Forest based eco-tourism development with focus on captive elephants, Elephant museum, Elephant bathing, Paper unit	Pathanamthitta - 12 km	Trekking, Rock climbing, Bird watching, Elephant ride, Elephant feeding,Vanasreeseshop,Childrens park	Elephant kraal of Konni - Rs.50/- per adult, Rs. 20/- per child for Indian and Foreigners Elephant feeding (Anayoottu) Rs. 2001/per elephant.Rs.10/- for two wheeler Rs. 30/- for three wheeler, four wheeler and medium - Rs.100/- (for heavy vehicle) Still camera-Rs.100/- Video camera- Rs.250/- Carrying capacity - 3000	04682247645 8547600599 (Monday Holiday)

Sl. No.	Name of Destination &Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
12	Adavi Bowl Boat Centre (2012)	Bowl boat riding &Tree Top Bamboo Hut, Adavi – Gavi Bus Tour	Konni-11 km	----	Rs.500/- for short trip journey Rs. 3000/3 - Tree Top Bamboo Hut Rs. 2000/- Bus Tour to Gavi Rain forest	8547600599
13	Gavi-Kakki (2009)	Nilgiri Tahr, Lion tailed macaque and more than 260 species of birds include ing the great pied hornbill, wood pecker and king fishers are often sighted	Pathanamthitta – Vadaseri kkara Chittar – Seethahodu – Anangamoozhy	Resting place	Gavi – Kakki Ecotourism – Entrance Fee – Rs. 70/- for Indians and Rs. 140/- for Foreigners Carrying capacity 30 vehicles per day	8547600897 8547600911
IV. KOTTAYAM DISTRICT						
14	Chellarkovil (2004)	Panoramic view of Cumbum valley in Tamilnadu	Thekkady-17 km	Telescope Watch tower Sight seeing Bird watchingBotanicaland Butterfly garden	Service charges - Entrance- Rs.20/-, for adult and Rs. 10/- for children . Telescope- Rs.20/- Watch tower- Rs.20/- for adults and Rs. 10/- for children Rs. 1000/- per day and Rs. 300/- for 3 hours for still camera, video camera and Documentary	8547601146 (Monday not working)
15	Kalvarimount (2004)	Panoramic view of Idukki arch dam reservoir and Idukki wildlife sanctuary	Thekkady-50 km (Along Kumily-Kattappana- Thodupuzha State highway) Painavu - 15 km kuttikkannam-55km	Resting huts Night staying huts Cafeteria Eco shop	Entrance- Rs.25/- Night staying huts- Rs.2500/- for 5 persons Parking fee Two wheeler Rs. 10/- Three wheeler Rs. 20/- Four wheeler Rs. 25/- Mini bus Rs. 60/- Heavy vehicles not allowed Carrying capacity 1500 Nos per day	9497535460 (All days working)
V. IDUKKI DISTRICT						
16	Rajeev Gandhi Nature Park (2003)	A huge banyan tree,	Munnar-41 km Udumal pet railway station - 47 km	Park visit,Coffee shop & eco shop	Entrance fee- Rs-10/- (free entry for kids below 12 years)	04865-252988 8547601501

Sl. No.	Name of Destination &Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
17	Anakottapara Para (2003)	No.of dolmens (On the way Marayoor to Kanthalloor)	Munnar - 41 km Coimbatore airport- 110 km	Park Visit Eco shop Dolmens Visit	Entrance fee - Rs-10/- (free entry for kids below 12 years)	04865-252988 8547601501
18	Viripara (Kainagiri) (2003)	Kainagiri water falls & bathing. Semi evergreen and grassland vegetation. Trekking to Kannadipara	By road:- Munnar-23 kmKottayam-156 km Thiruvananthapuram-300 km, Aluva railway station -153 kmNedumbassery airport-153 km	Information centre cum eco shop	Waterfall visit and bathing- Rs.50/- per person Kannadipara trekking- Rs.300/- person. Still Camera – Rs. 100/- Video Camera - Rs. 300/-	7306485120 (All days working) Carrying capacity 100 Nos. Per day for Trekking and 500 Nos. For waterfall bathing
19	Periyar Tiger Reserve(2004) Thekkady	Gavi &Thekkady, Project tiger Pano- ramic view of undulating mountains, Best place to observe wild animals at close quarters while cruising in the safety of a boat in Periyar lake	Kumily-3 km Cochin international airport -190 km Kottayam railway station-114 km	Jungle camping, Boating, Bamboo groves(lodging), Tribal dance, Trekking,	Entrance - Rs. 45/- Boating – Rs. 255/- for adult and Rs. 85/- for children. Bamboo grove cottages – Rs. 1500/2. Jungle Camp – Rs. 5500/2 Border (Tented camp) Hiking Brandipara / Thondiyar – Rs. 2000/- each. Edapalayam Watch Tower stay – Rs. 9600/2. Green walk / Nature walk – Rs. 400/- each. Bamboo Rafting (half day) Rs. 2200/- each (full day) Rs. 2900/- each. Still Camera – Rs. 45/- and Video Camera – Rs. 335/- Parking fee – Rs. 45/- for two/three wheeler – Rs. 85/- for four wheeler and medium vehicle – Rs. 335 for heavy vehicles	Thekkady Range- 04869 22947 Vallakkadavu Range- 04869 252515 Information centre- 04869 224571 8547603066

Sl. No.	Name of Destination &Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
20	Eravikulam National Park (2003)	Eravikulam national park, Nilgiri thar,- La- kkam waterfalls, Cascade walk,Kurinji trail	Munnar-12 km	Visit to rajamala, Eravikulam hut, Trekking, Birdwatching,	Entrance - Rs .30/- per Indian, Rs. 335/- per foreigner Cascade walk - Rs. 300/- per Indians and foreigners,	8301024187 8547603199
21	Shola National Park (2002)	Camping wild, Log house,Stone house,Bison swamp,Ethnic hut Camping wild,	Mathikettan Shola National Park:- Munnar-34 km Theni rail- waystation-55 km Cochin airport-140 km	Amenity centre, Ethnic hut, Trekking,etc	Mathikettan Shola National Park:-Entrance fee- Rs .30/- per Indian, Rs. 335/- per foreigner Log house-Rs. 2000/- for 2 Indians, Rs. 3000/- for 2 foreigners Trekking- Rs. 400/- per Indian, Rs. 800/- per foreigner	8547603199 8547603222
			Anamudi Shola National Park:- Marayoor- 40 km Aluva railwaysta- tion-150 km Cochin Airport-160 km Pampadum Shola National Park – Munnar 35 km		Anamudi Shola National Park:-Entrance fee- Rs. 30/- per Indian, Rs. 335/- per foreigner Methap Log house-Rs. 3000/- for 2 Indians, Rs. 4000/- for 2 foreigners Methap Stone house- Rs. 3000/- per 2 Indians, Rs. 4000/- per 2 foreigners, Trekking(3 hrs)– Rs. 300/- per Indian Rs. 700/- per Foreigner Pambadum Shola National Park:-Entrance fee- Rs. 30/- per Indian, Rs. 335/- per foreigner Bison Log House- Rs. 5000/2 for Indians, Rs. 6000/2 for foreigners Mud House - Rs. 5000/2 for Indians, Rs. 6000/2 for foreigners Trekking – 3 hours – Rs. 300/- for Indians and Rs. 700/- for Foreigners Amnety Centre (4 bed) - Rs. 3000/2 for Indians and Rs. 4000/2 for Foreigners Amnety Centre (3 bed) – Rs. 2250/2 for Indians and Rs. 3250/2 for foreigners Amnety Centre (7 bed) – Rs. 5250/6 for Indians and Rs. 6250/6 for foreigners	

Sl. No.	Name of Destination &Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
22	Thommankuthu (2004)	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-18 km 29 km from Kothamangalam	Trekking,Bathing ghats(during summer season), site seeing, Walking through lush evergreen forest,birdwatching, Vanasree eco shop	Entrance fee :- Rs. 40/- for adults and Rs. 20 for children Rs. 10/- for students Trekking :- Rs. 1500/- for five persons Still camera - Rs.50/- Video camera- Rs.250/- Documentary Rs. 1500/- and others Rs. 5000/-	8078358001 (All days working) Carrying capacity 1000 Nos. per day
23	Chokramudy	Bison Trail Trekking	From Munnar Gap road	Trekking	Entrance fee :Rs. 400/- for Indians andRs. 600/- for Foreigners	8547601338
24	Pettymudi	Not functioning			Not functioning	
25	Theerthamala	Not functioning			Not functioning	
26	Vallakkadavu				Entrance fee – Rs. 45/- Jungle camp (Tented stay) – Rs. 5500/2 Camera – Rs. 45/- Video Camera - Rs. 335/-	8547603066
27	Chinnar Sanctuary(2002)	Wildlife sanctuary, Camping wild, Viewing diversity in altitude, Flora and fauna, Marayoor sandal forests, Pambarwater 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. 30/- per Indian, Rs. 335/- per foreigner Cultural Trekking (Koottar, Pambar, Churulipetty)- Rs. 225/- per Indian, Rs. 615/- per foreigner (3 hours) Trekking (Thoovanam) - Rs. 300/- per Indian, Rs. 700/- per foreigner (3 hrs) Rs. 200/- for Indians and Rs. 500/- for foreigners (1 hr) Rs. 700/- for Indians Rs. 1500/- for foreigners (6 hrs) Pambar log house / Koottar log house / Churulipetty log house / Jellimala Log House / Thoovanam Log House / Periyakombu Log House - Rs. 3500/- per 2 Indians, Rs. 4500/- per 2 foreigners Watch Tower – Rs. 150/- for Indians - Rs. 400/- foreigners	Wildlife-Warden,- Munnar- 9447979093 8547603199 8547603222

Sl. No.	Name of Destination &Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
VI. ERNAKULAM DISTRICT						
28	Kolahalamedu (Vagamon)	Wagamon pine forest, Grass Bridge, Pine Valley, Mlammala Waterfalls, Hill Station, Grass land	Kottayam – 2 hr 9 minute Via Erattupettah – Vagamon Road	Wagamon adventure park	Entry fee – Rs. 30/- for Indians Rs. 15/- Rs. 170/- for foreigners. Vagavanam Windy walk– Rs. 180/- for adults, Rs. 35/- for children – Rs. 180/- for foreigners	8547603174
29	Mulamkuzhy (2002)	Periyar river bank with riverine forest, Teak plantation, Mahagani Thottam	Perumbavoor-20km Aluva railway station-35 km Cochin international airport-20 km	Parking ground, Cafeteria, Vanasree eco shop, Trek path, Danger line indicator,	Visitors- Rs 50/- for Indian adult Rs. 10/- for Indian child, Rs. 25/- for students Rs. 200/- for foreign adult & child for Rs. 10/- Parking fee - Bike / Auto-Rs.10/-,Four wheeler – Rs. 20/-Medium motor vehicle- Rs.30/-,Heavy vehicle- Rs.50/-,Camera– Rs.10/-Video–Rs. 100/- Documentary – Rs. 500/-	DFO, Malayattoor- 9020904204
30	Paniyeliaporu (2002)	Periyar river bank with riverine forest, Water Falls, Sight seeing	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 50/- for Indian adult Rs. 10/- for Indian child Rs. 200/- for foreign adult & child for Rs. 10/- Rs. 25/- for students Parking fee: Three wheeler Rs.10/ Four wheeler – Rs. 20/-Light motor vehicle- Rs.30/-, Heavy vehicle-Rs.50/-Camera–Rs.10/-Video–Rs. 100/- Documentary Rs. 500	9947004191
31	Bhoothathankettu	Sight seeing Boating Salim Ali Bird Sanctuary	Ernakulam Junction 2 hr 1 min Via – Kuruppampady – Kottappady – Uppukandam – Mali ppara Road – NH 85 Kochi – 50 km	Boating facility is landscaped with tree houses, a children's park and a restaurant	Visitors – Rs. 50/- for Indian adult Rs. 10/- for Indian child Rs. 200/- for foreign adult and child for Rs. 10/- Rs. 25/- for students Parking fee: Three wheeler Rs.10/ Four wheeler – Rs. 20/-Light motor vehicle- Rs.30/-, Heavy vehicle- Rs.50/-Camera–Rs.10/-Video–Rs. 100/-	8281130601 Carrying capacity 100

Sl. No.	Name of Destination & Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
32	Thattekkad (1983)	Trekking, Pedal Boating, Watch tower	Kothamangalam – 12 km	Night Jungle camp, Resorts, Home stay	Entry – Rs. 50/- for adults Rs. 45/- for children – Rs.200/-for foreign adult, Pedal Boating – Rs. 50/- Boating Thattekkad Bird Sanctuary – Rs. 150/- for adults and Rs. 70/- for children Trogon Nest Tree Hut – Entry– Staying - Rs. 2600/2 for Indians and 5000/2 for foreigners Border Hiking Trail – Entry fee – Rs. 30/- Trekking - Rs. 1500/- (4 hr) Black Baza Trail (3 hr) – Rs. 500/- for Indians and Foreigners Night Jungle Camp at Frog mouth Watch Tower – Rs. 2600/2 for Indians Rs. 5000/2 for foreigners Minivet bird Trail Trekking – Rs. 500/- for Indians and foreigners	8547603174 8547603195 (Boating nit allowed during Dam opening)
33	Vellappara	Honeymoon Jungle Cottage, Lake view nest, Windy walk Trekking, Boating Vellarappara	From Idukki 36 km	Night Jungle Camp, Resorts, Home stay	Honeymoon Jungle Cottage - Rs. 2000/2 Lake view Nest–Rs. 2000/- per room (Dbl room) – Lake view Nest – Rs. 3000/2 (Snglroom) Windy walk at Kolumban Trail Trekking – Rs. 300/- for Indians & Foreigners. Boating Vellappara – Rs. 125/- for Indians and foreigners	8547603174 8547603195 0485-2588302 (Working all days)
VII. THRISSUR DISTRICT						
34	Athirapilly (2000)	Water falls, Beautiful Vazhachal rapids,	Chalakkudy railway station-30 km Cochin international airport-55 km	IB & Dormitory, Nature camps, Nadukani Trekking,	Entry fee:- Sight Seeing Rs 50/- per indian adult, Rs 10/- per indian child, Rs 200/- per foreigner Nadukani Trekking – Rs. 1500/- for Indians and Rs. 3000/- for foreigners Parking fee:- Bike / Auto- Rs. 15/-, Four wheeler - Rs. 25/-, Medium vehicle- Rs. 40/-, Heavy vehicle- Rs. 75/-, Camera-Rs.60/-, Video Camera- Rs.400/-	Athirappilly Ticket Counter 8547601897 8547601915 8547601991
35	Vazhachal (2000)	Water falls, Beautiful Vazhachal rapids,	Chalakkudy railway station-30 km Cochin international airport-55 km	IB & Dormitory, Nature camps, Vazhachal Trekking,	Entry fee:- Rs 50/- per indian adult, Rs 10/- per indian child, Rs 200/- per foreigner - Vazhachal Trekking – Rs. 1000/- for Indians and Rs. 2000/- for foreigners	Vazhachal Check Post 8547601991

Sl. No.	Name of Destination & Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
36	Chimmony (2008)	Zone of Western Ghats, Medicinal plants diversity.	Thrissur Railway Station – 35 km Cochin International airport – 60 km	Trekking, Tented accommodation, Tree top huts, Bird watching, Bamboo rafting, Myna eco retreat. Dormitory Turtle ride or Kuttavanchi ride	Parking fee:-Bike / Auto- Rs. 50/-, Four wheeler - Rs. 100/-, Medium & Heavy vehicle- Rs. 300/- Camera-Rs.70/- Video Camera- Rs.275/-Entry – Rs. 20/- for Indian adult – Rs. 15/- for students, Rs. 200/- for foreigners Virakuthodu –	Asst. Wildlife Warden- 8547603454 8547603457
37	Peechi - Vazhani	Rich biodiversity and diverse wildlife, 50 varieties orchids rare medicinal plants, teak and rose wood.	Thrissur East – 20 km - Thrissur Town – 22 km	Dam valley, Bison trekking, Elephant Saga Trekking, Watch Tower Trekking,	Choorathala Trekking- Rs.600/3 –for adultsTurtle Ride- 400/4 for adults - Cycling – Rs. 200/- for adults Entry – Rs. 20/- for Indian adult – Rs. 15/- for students, Rs. 200/- for foreigners Elephant Saga Trekking – Rs. 600/4 – Bison Trekking – Rs. 800/4 Dam Valley – Rs. 1200/4 –	8547603466
VIII. PALAKKAD DISTRICT						
38	Silent Valley Mukkali (2004)	National park, Thick evergreen forest	Palakkad railway station-60 km-(Palakkad to Mannarkad, on the way to Anakkatty, Mukkali stop.) Cochin international airport-165 km	Visit to wet evergreen forests, Trekking, Nature education	Panthamthodu Camp – Rs. 2500/1 Ponmala Trekking/ Karuvara Trekking/ Keerippara Trekking – Rs. 2000/5 for each trekking Sairandhri Jeep Safari – Rs. 9750/15 for Indians – Rs. 11025/15 for foreigners Rs. 3175/5 (Indian students) – Rs. 3275/5 (Foreign students) Rs. 3250/5 for Indians – Rs. 4775/5 for foreigners Rs. 3000/4 for Indians – Rs. 4220/4 for foreigners Rs. 2750/3 for Indians – Rs. 3665/3 for foreigners Rs. 2500/2 for Indians – Rs. 3110/2 for foreigners Keerippara camping – Rs. 4300/2 River Hut stay – Rs. 2500/2 Still Camera – Rs. 45/- Video Video Camera Rs. 335/-	04924-253225 8589895652 (Monday not working)

Sl. No.	Name of Destination & Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
39	Parambikulam Tiger Reserve (2004)	Tiger reserve, Bio diversity hot spot,	Palakkad- 100 km Coimbatore - 100 km Thrissur-120 km	Vehicle safari, Trekking, Bird watching, Dam view point, Vanasree eco shop, Camping facilities-(Tented niche, Honey comb, Civet valley, Veettikunnu island nest, Tree top huts, Cheetal valley, Bison valley, Bear-hut, etc) Paid nature camps.	Entrance fee -Rs 30/- per Indian adult, Rs 335/- per foreigner Rs. 15/- for students and children A day in Parambikulam Rs. 970/10 Tented niche - For Indians 6900/-(week days), Rs. 7900/-(holidays) for 4 person for foreigners-Rs. 10900/-(week days), Rs. 12900/-(holidays) for 4 person Jungle Safari – Rs. 300/- per person Honey Comb - For Indians 5900/-(week days), Rs. 6900/-(holidays) for 4 person Veettikunnu Island nest :-For Indians-Rs. 9900/- (week days), Rs. 10900 for 5 (holidays), For foreigners-Rs. 11900/-(week days), Rs. 13900/-(holidays) for 5 persons Tree top hut, Thunakadavu :For Indians -Rs. 5900/-(week days), Rs. 6900/-(holidays) for 4 persons. Rs. 700/4 for Indian children - Rs. 9900/- (week days) Rs. 11900/- (Holidays) 4 person for foreigners - Pug Mark Trekking – Rs. 720/- each Rs- 1220/- for foreigners Bear path Trelling – Rs. 300/- for week days Rs. 380/- for weekend days Rs. 500/- and Rs 580/- for foreigners respectively Peruvuri Island Nest – Rs. 6900/5 (week days) – Rs. 7900/5 (Holidays) for Indians – Rs. 10900/5 (week days) – Rs. 12900/5 (Holidays) for foreigners Light motor vehicle- Rs.85/-, Heavy vehicle- Rs.335/-, Camera- Rs.45/-, Video camera-Rs.335/-,	Information Centre, Anapady- 9442201690 9442201691 9442201685
40	Thodukappu (2004)	Environment Study	Kozhikkode Palakkad Highway	Interpretation Centre & Children's Park	Entrance fee : Rs. 40/- for adult, Rs. 10/- for children and Rs. 200/- for foreigners, Rs. 10/- for students Still Camera – Rs. 50/- Video Camera : Rs. 250/-	04924222574

Sl. No.	Name of Destination & Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
41	Minnampara (2004)	Natural beauty of grass land and view point in Nelliampathy	Nenmara- 13 km Minnampara to Grass land-6 km (by Jeep)	Minnampara cloud watch Kesavanpara view point	Rs. 50/- per Indian adult Rs. 20/- per Indian child Rs. 150/- for foreigners Rs. 30/- Students pass Camera – Rs. 40/- Video Camera – 200/-	Section forest Officer- 8547602124 9400129897
42	Dhoni (2004)	Water falls, Panoramic view	Dhoni- Palakkad railway station-12 km	Bird watching , Trekking	Dhoni water falls – Trekking-Rs. 120/- (four person) Kavarakunnu stay package – Rs. 7000/- (2 person) (Monday not working)	8547602073 8547602075 8547602072
43	Ananganmala (2004)	Panoramic view	Ananganmala- PKD railway station-45 km	Sight Seeing, Trekking	Sight seeing – Rs. 40/- for adults – Rs. 15/- for children - Trekking : Rs. 250/4 persons. Camera – Rs. 25/- Video Camera - Rs. 105/-Two wheeler-Rs.15/- ,Four wheeler-Rs.25/-	DFO, Palakkad-0491 2555156 RFO Ottappalam- 8547602087 7558999674
44	Meenvallam (2004)	Water falls	Meenvallam-PKDrailway station-34 km Nearest air-port-Nedumbassey, Kkd& Coimbatore	Trekking, Visit to wet ever-green forests	Entrance fee : Rs. 25/- per adult, Rs. 15/- per child Trekking : Rs. 120/- per person (Monday not working)	8547602073
45	Kesavanpara	View Point			Entry fee – Rs. 15/- Indians Rs. 100/- for foreigners – Rs. 10/- for students – Still Camera – Rs. 50/- Video Camera – Rs. 150/- Carrying capacity - 400	8547602124
IX. MALAPPURAM DISTRICT						
46	Nedumkayam (2003)	Karimpuzha Wildlife Sanctuary – One of the beautiful and dense forest in Malappuram District with splendid variety of flora and fauna.	15 km from Nilambur Town, 11 km from Nilambur Railway Station	Visit to Dawson Grider Bridge, Dawson gave yard, Karimpuzha river, Elephant Kraal.	Entrance fees: Rs. 35/- for adult Rs. 20/- for children and Rs. 80/- for foreigners Parking fees: 2 wheeler – Rs. 40/- 3 wheeler – Rs. 40/- 4 wheeler – Rs. 80/- Heavy Vehicle – Rs. 315/- Photography : Still Camera – Rs. 40/- Video Camera – Rs. 240/- Entry time : 9 am to 4 pm Carrying capacity - 50	8547602268 Monday Not Working

Sl. No.	Name of Destination & Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
47	Kodikuthimala (2003)	One of the coolest hill station in Mala-ppuram district surrounded by streams, grass land and forest with incredible sun set view	10 km from Perin- thalman- na town, 15 km from Angadi ppuram Rail- way Station.	Trekking, Watch Tower , Sight Seeing	Entrance fees: Rs. 40/- for adult Rs. 20/- for children and Rs. 100/- for foreigners Photography : Still Camera – Rs.150Video Camera – Rs. 150/- Entry time : 8 am to 5 pm Carrying capacity - 2000	8547602292 Monday Not Working
48	Kozhipara (2003)	Natural waterfalls, Cool climate, Undulating mountain rows view	Kakkadampoyil - 2km Nilambur-25 km Malappuram-60 km Kozhikode-90 km	Ticket cum informa- tion centre, Toilet facility, Pathway, Handrail Trekking	Entry fee- Rs 40/- per indian adult, Rs 15/- per indian child Trekking with waterfall visist – Rs. 40/- for Indians Rs. 15/- per Indian child - Rs 450/- per foreigner, Rs 170/- per foreign child Rs. 10/- for students Still camera- Rs.40/- Video camera- Rs.315/- Trekking – Rs. 150/- for adult Rs. 80/- for children and students	Range officer, Edavanna- 8547602168 04931220232 Carrying capac- ity 100
49	Canolly Plot (2003)	Canoly Ecotourism	Nilambur	Ticket cum informa- tion centre	Entry fees-Rs.40/- for Indian adult and Rs.15/- for child Rs.450/- for foreign adult and Rs.170/- for for- eign child and Rs.10/- for studentStill camera- Rs.40/- Video camera- Rs.315/- Parking – Two wheeler Rs. 10/- Three wheeler Rs. 15/- Four wheeler Rs. 25/- Medium / Heavey Rs. 75/- Entry fee – Rs. 40/- for Indian adult -	04931-220232 Carrying capac- ity 1500 Jankar for adult Rs. 40/-
50	Chaliyar View				Rs. 15/- for children - Rs. 450/- for Foreign adult - Rs. 170/- for children Rs. 10/- for student Still camera- Rs.40/- Video camera- Rs.315/- Parking – Two wheeler Rs. 10/- Three wheeler Rs. 15/- Four wheeler Rs. 25/- Medium / Heavey Rs. 75/-	8547602195 Carrying capac- ity 500

Sl. No.	Name of Destination & Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
X. KOZHIKODE DISTRICT						
51	Kakkayam (Malabar Sanctuary) (2004)	Dam site and water falls	Kozhikode-56 km	Urakuzhi waterfalls, Trekking in hillocks, Dam, Sight seeing	Rs 50/- per adult, Rs 30/- per child Rs. 110/- per foreigner	DFO, KKD-9447979073 Thamarassery Range Officer 8547602851
52	Kakkad (2004)	Sight seeing through forest area	Kozhikkode – Eengapuzha-Kakkad	Seating, Resting Shelter etc.	Rs 40/- per adult, Rs 20/- per child Rs. 100/- per foreigner Rs. 20/- per student	8547602804
53	Peruvanna-muzhy (2004)	Crocodile rescue center, Indian institute of spices research, Agricultural farm	Kozhikode - 45 km	Trekking, Guides, sight seeing, Dam area and Animal Rehabilitation Centre, Butterfly garden	Rs 30/- for adult, Rs 15/- per child, Rs. 50/- per foreigner – Rs. 15/- for student Carrying capacity 500	DFO, KKD 9447979073 8547602842
54	Thusharagiri (2004)	Water falls and Trekking	Kozhikode - 54 km	Trekking, Nature education, Guides, sight seeing	Entry fee - Rs 40/- for adult, Rs 20/- per child, Rs. 100/- per foreigner Rs. 20/-for student Thusharagiri – Thumbithullum para Trekking – Rs. 890/10 for Indians – Rs. 1780/10 for foreigners (2km – 3hours) Thusharagiri – Thonikkayam Trekking (5 km) – Rs. 1450/10 for Indians Rs. 2900/10 for foreigners Thusharagiri – Thenpara Trekking – Rs. 2355/5 for Indians Rs. 4710/5 foreigners	DFO, KKD 9447979073 8547602818
55	Kakkavayal (2004)	Bio-diversity garden (Butterfly, Medicinal Plant, Orchid), Star Forest, Bamboo Park	Kozhikode - 41 km	Sight seeing, Butterfly Garden, Bamboo Settum, Nakshathra-vanam	Entry fee - Rs 40/- for adult, Rs 20/- per child, Rs. 100/- per foreigner Rs. 20/-for student	DFO, KKD 9447979073 8547602795

Sl. No.	Name of Destination &Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
56	Janakikkad (2004)	Low elevation ever green forest	Kozhikode - 50 km	Trekking, Guides, Sight seeing	Entry fee - Rs 40/- for adult, Rs 20/- per child, Rs. 100/- per foreigner Rs. 20/-for student	DFO, KKD 9447979073 8547602773
XI. WAYANAD DISTRICT						
57	Tholpetty (2003)	Wildlife sanctuary	Sultan bath-ery-65 km Kozhikode rail-way station-129 km	Trekking, Vehicle safari, Eco shop, Dormitory, Serambi	Entry –Rs 150/- per Indian adult, Rs65/- per Indian student.Rs 360/- per foreigner. Interpretation centre–Rs. 10/-Cerambi rent (Ist floor) - Rs.2945/- per day, Rs. 1695/- (Ground floor) Dormitory rent- Rs.230/- head per bed	Asst.wildlife warden, Tholpetty Range 04935 250853 9946250853
58	Muthanga (2003)	Wildlife sanctuary	Sultan bath-ery-14 km Kozhikode rail-way station-110 km	Vehicle safari, Eco shop, Dormitory, Serambi, Eco hut, Honey processing unit,	One hour Jeep Safari - Rs 160/- per Indian adult, Rs. 70/- for Indian child, Rs. 370/- for foreigner. One hour Bus Safari – Rs. 300/- for Indian adult Rs. 150/- for Indian child Rs. 425/- for ForeignerStill camera - Rs.45/ Video camera- Rs.255/-	Asst.wild-life warden, Muthanga range 04936271015 04936271016 04936271017
59	ThirunelliPakshipathalam (Brahmagiri Hills) (2003)	Temple, Pakshipathalam, Brahmagiri Hills,	Sultan bath-ery-71km Mananthavady – 30 km	Rain forests, shola, Trekking	Brahmagiri Peak Trekking - Rs. 2355/- for 5 Indian adults Rs. 3100/- for 5 Foreigners and Rs. 60/- for students. Still camera – Rs. 70/- Video camera – Rs. 160/-	8547602506

Sl. No.	Name of Destination & Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
60	Pakkam-Kuruva (2003)	Island	Sultan bathery – 36km	Visit to riparian forest, Rafting.	Parking fee-Entry fee- Rs 110/- per adult, Rs. 200/- per foreigners and Rs 75/- per student - Bike- Rs.12/-, Auto- Rs.36/-, Light motor vehicle-Rs.59/-, Heavy motor vehicle- Rs.95/- , Still Camera- Rs.59/- Video Camera– Prohibited Rafting – Rs. 75/- for Indians Rs. 165/- for foreigners – Rs. 40/- for students Small Rafting – Rs. 400/- (20 minutes) Rs. 450/- (45 minutes) – Rs. 1180/- for 6 persons	DFO, South Wayanad 9447979075 Range Officer 8547602747
61	Soochippara (2003)	Waterfalls	Kalpetta- 24 km	Soochippara waterfalls	Entry fee- Rs. 65/- per Indian adult Rs 130/- per foreigner and Rs. 33/- for students Parking fee- Bike- Rs.10/- Auto Rs. 15/-,4 wheeler-Rs.40/- Medium Motor Vehicle – Rs. 50/-Heavy motor vehicle Rs. 89/- – Camera – Rs. 53/- VideoCamera Rs.301/-	DFO, South Wayanad 04936 203428, 9447979075 Range Officer -9946957385
62	Chembra Peak (2003)	Trekking	Kalpetta- 25 km	Trekking	Entry fee- Watch Tower visit – Rs 24/- per Indian adult, Rs 18/- per Indian student. Rs 36/- per foreigner. Camera-Rs.53/- Still Camera – Rs. 301/- Trekking 5 members- Rs.1770/- for Indians and Rs 3540/- for foreigner (5 members)Rs.885/5 students	DFO, South wayanad- 04936 203428, 9447979075 Range Officer -8547602689

Sl. No.	Name of Destination & Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
63	Muneeswaran Kunnu Makkimala (2003)	Stay cum trekking, Hill view	Thalapuzha-Mananthavady -Thalapuzha forest station-Makkimala-Muneeswaran-kunnu- 5 km and 10 km from Mananthavadi	Sight seeing, Recreation activities	Entry fee -Rs. 45/- for Indian adult Rs. 25/- for Indian childRs. 60/- foreigners. And Rs. 40/- for child The above fee for trekking also Still Camera – Rs. 70/- Video Camera – Rs. 160/-	8547602520
64	Varambetta	Water falls		Banasura – Meenmutty water falls	Entry fee - Rs. 50/- for Indian adult Rs. 100/- foreigners. And Rs. 25/- for students Trekking – Meenmutty – Kattukunnu – Anachola – Rs. 3110/5 for Indians – Rs. 3500/5 for foreigners – Rs. 1930/5 for students Camera – Rs. 53/- VideoCamera Rs.301/-	8547602722
65	Meenmutti Waterfalls, Makkiyad Banasuramala (2003)	Waterfalls, Childrens park	Mananthavady 4 th mile-Korome spot-Korome village office road - 2 km - 20 km from Mananthavady	Banasuramala Meenmutty Water falls – Meenmutty – Kattukunnu – Anachola Trekking Childrens park	Entry fee- Rs 50/- per Indian adult, Rs 30/- per Indian child. Rs. 70/- for foreigners Still Camera – Rs. 70/- Video Camera – Rs. 160/-	04935 – 240614 Chalil VSS 8547602483
XII.KANNUR DISTRICT						
66	Paithalmala (Purathotty) (Manjapullu) (2006)	Grass land with semi shola forest, Pond	Kannur railway station-60 km Kozhikode airport-172 km	Basic infrastructure facilities	Entry fee- Rs .60/- per Indian adult, Rs. 20/- for Indian child - Rs. 20/- per Indian student Rs. 250/- per foreignersCamera- Rs. 150/-	8547602621 8547602626

Sl. No.	Name of Destination & Yr of Establishment	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
67	Kanhirakolly (Alakapuri Water falls) (2006)	Waterfalls of 20 to 25m height	Kannur Rl.way station-75 km Karipoor Air-port-152 km	Safety barricade, Resting place	Entry fee- Rs 50/- per Indian adult, Rs 20/- per Indian student. Rs 250/- per foreigner. Rs. 200/- for foreign child Camera- Rs.150/- Video Camera – Rs. 225/-	8547602628
68	Aralam WLS			Aaram Ecotourism – Trekking and Off Road Drive	Rs. 115/- for Indian adult Rs. 40/- for Indian child – Rs. 360/- for foreign adult – Rs. 40/- for student Camera- Rs.40/- Video Camera – Rs. 240/-	9446436466
69	Palukachi	Not functioning				
70	Sasippara View Point (2006)	Sight Viewing	Kannur Railway Station – 65 km		Entry fee- Rs. 50/- per Indian adult Rs. 20/- per Indian child Rs. 200/- per foreigners Camera - Rs.40/- Video Camera – Rs. 225/-	8547602628
XIII. KASARGOD DISTRICT						
71	Ranipuram (2006)	Scenic beauty of grass land and trek path	Kanhangad-45 km	DTPC Cottage, toilet	Entry fee- Rs 50/- per Indian adult, Rs 20/- per Indian child and student. Rs 150/- per foreigner Still Camera & Video Camera – Rs. 50/- Parking – 2 Wheeler Rs.10/- 3 & 4 wheeler Rs. 30/- Medium vehicle Rs. 60/- Heavy vehicle Rs. 100/-	8547602605

4.2.1. Visitors and Income generated from Eco-tourism activities in Territorial Divisions

An amount of **2623.534 lakh** has been generated towards eco-tourism activities in various eco-tourism centres in 23 territorial divisions in the State.

Table 4.5
Details of visitors and income generated from eco-tourism activities in territorial divisions

Sl. No.	Division	Name of range	Location of eco-tourism centre	No. of Visitors				Income generated (in rupees)
				Native	Foreigners	Students	Total	
1	Thiruvananthapuram	Palode	Ponmudi	498074	2625	20555	521254	26258645
			Mankayam	37510	15	2904	40429	1858701
		Paruthippally	Kallar	111477	801	12532	124810	6010930
		Kulathupuzha	Forest Museum	31520	10	12849	44379	1905451
2	Thenmala	Aryankavu	Palaruvi	240687	102	8277	249066	18567300
3	Achencovil	Achencovil	Manalar-Kumbhavuruty	164346	0	18273	182619	10785380
4	Punalur	Anchal	Kudukkathupara	20874	1	1114	21989	784030
5	Ranni	Goodrical	Pachakkanam (Gavi)	696	0	59	755	1428900
6	Konni	Konni	Eco Tourism	199395	319	35190	234904	11657714
			Tree Top Huts	920	6	101	1027	940000
		Adavi	Adavi& Bowl Boat Centre	68995	269	10810	80074	10420325
		Naduvathumoozhy	Gavi Bus Tour	696	0	59	755	1428900
7	Kothamangalam	Kaliyar	Thommankuthu	59736	194	46	59976	2309670
8	Munnar	Devikulam	Chokramudi	1939	883	0	2822	1305400

Sl. No.	Division	Name of range	Location of eco-tourism centre	No. of Visitors				Income generated (in rupees)
				Native	Foreigners	Students	Total	
9	Kottayam	Erumeli	Erumeli	1067736	0	0	1067736	11761370
		Kumily	Chellarcovil	9873	146	1726	11745	226973
		Ayyappancoil	Kalvari mount	231426	0	0	231426	6977850
10	Mankulam	Mankulam	Kainagiri	109016	2636	11444	123096	5974310
			Nakshathrakuthu&Anakulam	46591	1752	7258	55601	2102376
11	Marayur Sandal	Marayur	Rajiv Gandhi National Park	20320	0	8566	28886	241880
		Kanthalloor	Anakottapara Park	54633	84	20363	75080	626350
12	Vazhachal	Charpa	Athirappilly	1046280	8606	226919	1281805	6730859
			Vazhachal	111913	264	15986	128163	672305
13	Malayattoor	Kodanad	Paniyeliaporu VSS	166988	169	20613	187770	9668650
		Kalady	Mulamkuzhy VSS	59096	368	9913	69377	3549655
		Thundathil	Bhoothathankettu	43196	20	4101	47317	2050460
14	Mannarkkad	Agali	Thodukappu	24668	0	11223	35891	1054552
15	Nilambur South	Karulai	Nedumgayam	54858	28	7949	62835	3191980
		Kallikavu	Kodikuthimala	99783	119	3368	103270	4102380
16	Nilambur North	Edavanna	Conolly Plot, Aruvacode	138971	0	5553	144524	4385150
			Kozhipara	93477	16	897	94390	3730472
		Nilambur	Chandakkunnu	56342	3	3056	59401	2487070
17	Palakkad	Ottappalam	Ananganmala	29351	0	0	29351	1094625
		Olavakkode	Meenvallam Waterfalls	40890	0	0	40890	1016375
			Dhoni Waterfalls	14738	0	0	14738	1768560
18	Nemmara	Kollengode	Minnampara	63557	44	1212	64813	4828840
		Nelliampathy	Kesavanpara	79650	27	2152	81829	1232720

Sl. No.	Division	Name of range	Location of eco-tourism centre	No. of Visitors				Income generated (in rupees)
				Native	Foreigners	Students	Total	
19	Kozhikode	Thamarassery	Thusharagiri	247292	1335	33805	282432	10704080
			Kakkad	20788	5	1095	21888	688955
			Kakkavayal	19830	0	4511	24341	662565
		Peruvannamuzhi	Peruvannamuzhi	20354	4	4611	24969	679985
		Kuttiady	Janakikkad	26646	9	2303	28958	834375
20	Wayanad North	Begur	Brahmagiri Trekking	2556	110	356	3022	746501
			Munceswarankunnu	23142	28	1686	24856	616787
		Mananthavady	Meenmutty - Makkyad	34958	0	2612	37570	930170
21	Wayanad south	Kalpetta	Banasuramala -Meenmutty	173065	248	3126	176439	11302551
		Meppady	Soochippara	245035	494	8066	253595	16094722
			Chembra	49681	224	218	50123	15284218
		Chedalathu	Pakkom-Kuruva	170815	392	37237	208444	16718812
22	Kannur	Thaliparamba	Paithalmala (Purathotty)	33053	23	3242	36318	1961800
			Alakapuri Waterfall	10100	0	730	10830	519900
			Manjapullu	8257	18	347	8622	493245
			Sasipparaview point	8638	1	492	9131	413660
			Palukachi	2154	3	154	2311	112880
23	Kasargod	Kanhangad	Ranipuram	70799	33	2166	72998	3619870
TOTAL				6356416	22934	602527	6981877	262353394

4.2.2. Visitors and Income generated from Eco-tourism activities in Wildlife Divisions

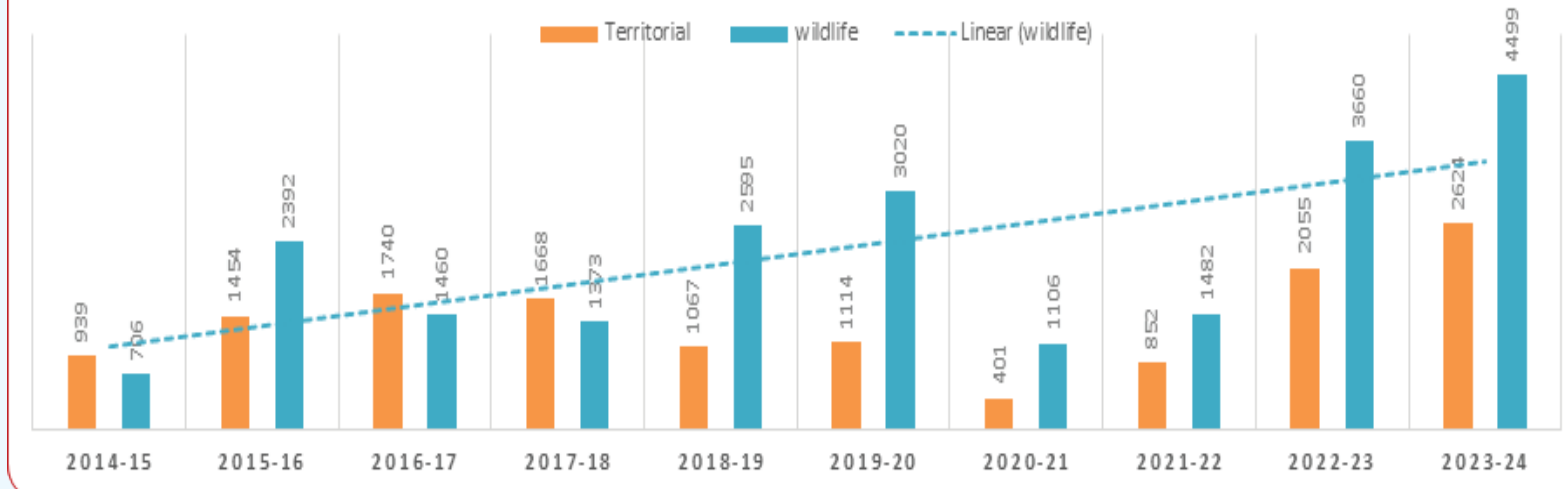
An amount of 4499.494 lakh has been generated towards eco-tourism activities in wildlife divisions in the State.

Table 4.6

Details of visitors and income generated from eco-tourism activities in wildlife divisions

Sl. No.	Name of Wildlife Sanctuary/National Park	District	Division	No. of Visitors				Income generated (in rupees)
				Native	Foreigners	Students	Total	
1	ABP Range, Kottoor	Thiruvananthapuram	Thiruvananthapuram WL Division	64336	2233	4603	71172	4077410
2	Neyyar WLS			29570	589	5972	36131	7001520
3	Peppara WLS			13278	56	465	13799	1620860
4	Shenduruney WLS	Kollam	Shenduruney WL	63975	6	1175	65156	8025825
5	Thattekad bird sanctuary	Eranakulam	Idukki WLS	68915	666	10172	79753	4095817
6	Idukki WLS	Idukki		12439	34	2260	14733	2056385
7	Malabar Sanctuary	Kozhikode	Kozhikode	72522	27	3420	75969	2228310
8	Wayanad WLS	Wayanad	Tholpetty EDC	116375	1266	5082	122723	11782385
			Muthanga EDC	93315	884	13960	108159	43750521
9	Parambikulam Tiger Reserve	Palakkad	Parambikkulam	84296	190	7378	91864	75083776
10	Periyar East Tiger Reserve	Idukki	Thekkady in PTR	582057	37113	6690	625860	153800391
			Vallakkadavu PTR	14418	1188	53	15659	7582010
11	Silent Valley NP	Palakkad	Mukkali	27446	67	888	28401	11318065
12	Eravikulam NP	Idukki	Munnar Wildlife	514903	12724	86798	614425	101073707
13	Chinnar WLS			17531	975	0	18506	4161939
14	Pampadum shola NP			9196	275	0	9471	4018450
15	Chimmony WLS	Thrissur	Peechi-Vazhani	107920	78	2029	110027	7846164
			Choolannur	918	0	164	1082	57300
16	Aralam WLS	Kannur	Aralam	6144	35	1814	7993	368515
TOTAL				1899554	58406	152923	2110883	449949350

Graph 4.1 Eco-tourism Income Trends in Territorial and Wildlife divisions (2014–15 to 2023-24)



4.3. Vanasree Eco-shops

Established in 2011-12, Vanasree Eco-Shops serve as commercial outlets for Vana Samrakshana Samithies (VSS) to sell processed and semi-processed non-timber forest products (NTFPs) collected by tribal communities. These shops ensure fair trade practices, allowing tribal collectors to earn a sustainable livelihood while offering the public authentic and unadulterated forest products. Profits generated from Vanasree Eco-Shops are reinvested into VSS initiatives, benefiting forest-dependent communities. Currently, there are 72 Vanasree Eco-Shops in Kerala, including two mobile units, operating under the Forest Development Agencies (FDAs).

Table 4.7
Division-wise location of vanasree eco-shops

Sl. No.	Division	Location
1	Thiruvananthapuram	Eco-shop (Hqrs) Thiruvananthapuram
2		Kallar
3		Ponmudi
4		Ponmudi Checkpost
5		Palode
6		Mobile Vanasree unit
7		Kulathupuzha
8	Achenkovil	Achenkovil
9	Thenmala	Thenmala
10	Punalur	Ayur
11		Pathanapuram
12	Konni	Konni
13		Adavi
14	Ranni	Angamuzhy
15		Pampa (Seasonal)
16	Kothamangalam	Thommankuthu
17	Marayoor	Marayoor
18		Kanthalloor
19	Munnar	Masalapetty, Neryamangalam
20		Palar
21	Kottayam	Pullupara
22		Calvarymount
23	Malayattoor	Mulankuzhi
24	Malayattoor	Panayeliporu
25		Malayattoor
26		Mobile Vanasree unit
27	Chalakudy	Chalakudy
28	Vazhachal	Athirappally
29		Vazhachal
30	Palakkad	Malampuzha
31		Ananganmala
32	Mannarkkad	Anakkatti
33		Kanjirapuzha
34		Thodukappukunnu
35	Nenmara	Pothundi
36	Nilambur North	Aruvakode

Sl. No.	Division	Location
37	Nilambur South	Kodikuthimala
38		Nedumkayam
39	North Wayanad	Mananthavady
40		Parathodam
41	South Wayanad	Banasura
42		Chembra
43	Kozhikkode	Thusharagiri
44		Peruvannamoozhy
45	Kannur	Nedumpoyil
46	Kasargode	Ranipuram
47	Thiruvananthapuram WL	Ecoshop, Neyyar
48		Ecoshop, Kottoor
49		Vanasree, Peppara (Holidays & Special Days only)
50	Schenduruny Wildlife	Vanasree Schendurney
51		Vanasree Rosemala
52	Periyar East	Pugmark Shop Boat Landing
53		Pugmark Shop Information Centre
54		Pugmark Shop Vallakkadavu
55	Periyar West	Pugmark Shop Pampa (Seasonal)
56	Idukki Wildlife	Thattekkad
57		Vellappara (1)
58		Vellappara (2)
59	Munnar Wildlife	Top Station, Shola NP
60		Eravikulam, Eravikulam NP
61		Lakkam, Eravikulam NP
62		Karimutty, Chinnar WLS
63		Chinnar, Chinnar WLS
64	Parambikulam, Wildlife	Parambikulam
65		Anappady
66	Wayanad Wildlife	Muthanga
67		Tholpetty
68		Begur
69	Peechi Wildlife	Peechi
70		Chimmony
71	Silent Valley National Park	Mukkali Town
72		Vanasree Information Centre
73	Aralam WL	Aralam Vanasree
74	SF, Alappuzha	Kommadi
Total Sales		89746694

4.4. Tribal Co-operative Societies

Tribal Co-operative Societies play a crucial role in the sustainable collection and marketing of Non-Wood Forest Produce (NWFP) in Kerala. These societies, formed by tribal communities, ensure fair pricing and equitable distribution of benefits, thereby enhancing the economic well-being of tribal families. By promoting responsible harvesting practices, these co-operatives contribute to the long-term conservation of forest resources while empowering indigenous communities. A detailed report on the Tribal Co-operative Societies authorized for NWFP collection in 2023-24 is provided below.

Table 4.8
Division/ Range wise details of Tribal Co-operative Societies

Sl. No.	Division	Range	Name of society
1	Thenmala	Aryankavu	Aryankavu Girijan Co-op. Society, Aryankavu
2	Punalur	Anchal	Vanchiyodu SC/ST Society Ltd.No.Q1032, Venkolla.P.O,Madathara
3	Ranni	Ranni	Chollanavayal Girijan Service Co-op. society Ltd. No. Q 759 Adichippuzha
4		Vadasserikkara	Perunthenaruvi Girijan Service Co-op. Society , Vechoochira
5		Goodrical	Seethathode – Chittar Tribal Co-operative Society
6	Mankulam	Mankulam, Anakulam	Adimali Girijan Service Society
7	Munnar	Adimaly,Neriyaman-galam	Scheduled Tribe Service Co-operative Society Ltd. No. 3887
8		Devikulam, Munnar	Devikulam Scheduled Tribe Co-operative Society No. 112
9	Kottayam	Nagarampara	Vazhathope ST Service Co-op. Society, Idukki
10	Kothamangalam	Thodupuzha, Mullaringad, Kaliyar	Tribal Service Co-op. Society, Vazhathope,Idukki
11	Thrissur	Pattikkad/Vadakkanchery/Machad	Thalappilly Taluk Girijan service co-op. society Ltd No. R-673
12	Palakkad	Olavakkode, Walayar	Malampuzha Pattika Varga Co-op. Society
13	Mannarkkad	Agali	Sholayar Girijan Co-op. Society
14			Kottathara Tribal Co-op Society
15		Attappadi, Mannarkkad	Kurumba Tribal Co-op Society
16	Nemmara	Nelliyampathi	Malampuzha Girijan Co-operative Society
17		Kollengode	Malampuzha.Pattikavarga Sevana Sahakarana Sangam Ltd

Sl. No.	Division	Range	Name of society
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, Appapara, Thirunelly. P.O.
24		Periya	Thavinhal Tribal Society, Thalapuzha
25	Kozhikkode	Kuttiady, Thamarassery	Vilangad ST Service Co-op. Society
26	Kannur	Kottiyoor	Nedumpoyil ST Service Co-op. Society, Nedumpoyil
27	Kasaragod	Kanhangad	ST Service Co-op. Society, Panathady
28	Silent Valley	SVNP range, Bhavani range	Kurumba Tribal Co-op. Society, Attappady
29	Periyar East	Thekkady	Periyar Honey Processing Unit

Chapter - V

HUMAN RESOURCES

The Kerala Forest Department comprises a dedicated workforce of trained forest officers and staff, specializing in forest management, wildlife conservation, eco-tourism, and allied sectors. Their expertise and commitment play a vital role in the sustainable management and conservation of Kerala's rich forest resources.

(Organizational chart attached as Annexure)

5.1 Staff Strength

Table 5.1
Sanctioned and present staff strength of Kerala Forest Department as on
31-03-2024

Sl. No.	Name of post	Sanctioned Strength	Present Strength
1	Principal Chief Conservator of Forests*	3	2
2	Addl. Principal Chief Conservator of Forests*	6	6
3	Chief Conservator of Forests#	11	4
4	Conservator of Forests#	13	4
5	Dy. Conservator of Forest (IFS Cadre)#	36	24
6	Forest Tribunal (Judicial Staff)	1	1
7	Joint Secretary (Law)	1	1
8	Senior Finance Officer	1	1
9	Senior Administrative Officer	1	1
10	Deputy Director (Statistics)	1	1
11	Deputy Director (Wildlife Education)	3	3
12	Asst. Conservator of Forests / Deputy Conservator of Forests (NC)	101	101
13	Senior Administrative Assistant	9	9
14	Administrative Assistant	12	12
15	Personal Assistant	3	3

Sl. No.	Name of post	Sanctioned Strength	Present Strength
16	Senior Superintendent	34	34
17	Range Forest Officer	205	205
18	Deputy Range Forest Officer	168	168
19	Public Relation Officer	1	1
20	Assistant Forest Public Relation Officer	3	1
21	Junior Superintendent	71	71
22	Head Accountant	74	74
23	Research Assistant (Statistics)	3	3
24	Wildlife Assistant	10	8
25	Senior Clerk	443	443
26	Clerk	444	439
27	Statistical Assistant Grade. I & I I	34	34
28	Faircopy Superintendent	8	8
29	Selection Grade Typist	33	33
30	Senior Grade Typist	33	33
31	Typist Clerk	1	1
32	UD Typist	34	34
33	LD Typist	34	34
34	Confidential Assistant	39	38
35	Legal Assistant	1	1
36	Section Officer (Law)	1	1
37	Chief Forest Veterinary Officer	1	0
38	Asst. Forest Veterinary Officer	17	12
39	Forest Veterinary Officer	1	1
40	Veterinary Doctor	1	1
41	Documentation Officer	1	0

Sl. No.	Name of post	Sanctioned Strength	Present Strength
42	Asst. Director (Survey)	1	1
43	Survey Superintendent	2	2
44	Head Surveyor	2	1
45	Surveyor Grade I & II	45	36
46	Bench Clerk (on deputation)	1	1
47	Section Forest Officer	938	938
48	Beat Forest Officer	3126	2913
49	Sheristadar cum Secretary	1	1
50	Head Draftsman	2	2
51	Draftsman	39	35
52	Circle Inspector of Police	1	1
53	Sub Inspector of Police	4	0
54	Senior Civil Police Officer	3	1
55	Civil Police Officer	25	14
56	Librarian	1	1
57	Project Operator	1	0
58	Pharmacist	1	1
59	Dispensary Attender	1	0
60	Nursing Assistant	1	0
61	Binder	2	2
62	PT Instructor	6	2
63	Record cum Store Keeper	3	0
64	Museum Assistant	1	0
65	Office Attendant	420	386
66	Sweeper cum Peon	1	1
67	Attender	18	18
68	Driver	262	241

Sl. No.	Name of post	Sanctioned Strength	Present Strength
69	Photographer cum Artist	1	1
70	Gardener cum marker	1	1
71	Gardener	1	1
72	Cleaner	2	0
73	Muduvan Watcher	8	6
74	Night Watcher	25	25
75	RF Watcher / Depot Watcher	194	157
76	Forest Watcher (Special Recruitment)	700	527
77	Watcher cum Cook	1	0
78	Rest House Watcher	1	0
79	Scavenger / Sanitary Worker	1	1
80	Cook / Asst. Cook	1	1
81	Boat Driver	11	4
82	Boat Zrang	1	0
83	Boat Watcher	2	0
84	Boat Cleaner / Cleaner	2	2
85	Lascar	1	0
86	Survey Lascar	4	3
87	Mahouts & Kavadi	27	7
88	Waterman cum Gardener	1	1
89	Timber Supervisor	1	0
90	Bus Cleaner	1	1
91	Part Time Contingent Employees	303	300
TOTAL		8095	7487

*The vacant posts of Additional Principal Chief Conservator of Forest are handled by the Principal Chief Conservator of Forests as additional charge. 8 Vacant posts of Chief Conservator of Forests are being managed by Additional Principal Chief Conservator of Forests (in additional charge)/ Conservator of Forests/ Dy. Conservator of Forest. 10 vacant Conservator of Forests posts are handled by Senior Dy. Conservator of Forests. The vacant posts of Deputy Conservators of Forests are filled under rule (9).

5.2 Details of Training

Regular training programs are conducted to enhance the skills of forest personnel in areas such as ecosystem management, wildlife conservation, and community engagement. In 2023-24, 1444 officials from various cadres participated in specialized training programs, ensuring their preparedness to effectively protect and manage Kerala's diverse forest ecosystems.

Table 5.2
Details of Training

Sl. No.	Details of Training	No. of participants
TRAINING WITHIN THE STATE		
1	Beat Forest Officers training at Arippa&Walayar	810
2	Section forest Officers training at Arippa&Walayar	76
3	Section forest Officer/ Beat Forest Officers training at Walayar	73
4	Deputy Range Forest Officer training at Arippa	28
5	Range Forest Officers training at Arippa and PTP Nagar	121
6	Range Forest Officer/ Deputy Range Forest Officer training at Walayar	28
7	Assistant forest Conservator/Deputy Forest Conservator training at Walayar	33
8	Junior Superintendent training at Walayar	23
9	Clerk training at Walayar	37
10	VSS/EDC Secretary training at Walayar	37
11	Head Accountant training at Walayar	22
12	Forest Driver training at Arippa&Walayar	55
13	KFDC Field Officer training at Walayar	2
14	Swimming training for Range Forest Officer trainees and others at Arippa	99
Total		1444

Chapter – VI

INFRASTRUCTURE

The department maintains an extensive infrastructure network to support conservation efforts, including administrative and residential buildings, forest access roads, and a fleet of patrolling vehicles. Additionally, arms and ammunition are provided to ensure effective enforcement of conservation laws and the protection of wildlife.

6.1 Forest Stations

The Forest Station system, implemented by the department in 1988, was designed on the model of Police Stations. This shift from the beat section system aimed to improve forest protection by offering greater collective strength and security to the forest protective staff. Number of forest stations and check posts as on 31.03.2024 is 125 and 64 respectively.

Table 6.1
Division/ range-wise details of forest stations

Sl. No.	Division	Range	Forest Stations	
SOUTHERN CIRCLE				
1	Thenmala	Thenmala	1	Kadamanpara*
2	Achenkovil	Achenkovil	2	Kumbavaruthy*
3	Punalur	Pathanapuram	3	Ambanar
		Anchal	4	Punnala*
			5	Ezhamkulam*
4	Konni	Konni	6	Kumaramperoor (S)
		Naduvathumoozhy	7	Kumaramperoor (N)*
			8	Kokkathodu
			9	Karippanthodu*
			10	Padom*
		Mannarappara	11	Chempala*
		12	Mannarappara	
5	Ranni	Ranni	13	Karikum*
		Vadasserikkara	14	Kanamala
			15	Rajampara*
			16	Chittar
			17	Gurunathanmannu
			18	Thannithodu*
			19	Plappally*
			20	Kochukoickal*
		Goodrikkal	21	Pachakkanam

Sl. No.	Division	Range	Forest Stations	
HIGH RANGE CIRCLE				
6	Kottayam	Nagarampara	22	Vazhathoppu*
			23	Vairamony
		Ayyappancovil	24	Kanchiyar
		Erumeli	25	Murinjapuzha
			26	Vandanpathal*
			27	Placherry*
7	Kothamangalam	Thodupuzha	28	Veloor
8	Munnar	Munnar	29	Pettimudy
		Adimali	30	Machiplavu*
			31	Panamkutty
		Neriyamangalam	32	Nagarampara*
			33	Inchathotty*
			34	Valara*
9	Marayoor	Marayoor	35	Marayoor*
			36	Nachivayal*
		Kanthalloor	37	Kanthalloor*
			38	Vannanthura*
CENTRAL CIRCLE				
10	Thrissur	Vadakkancherry	39	Erumapetty*
			40	Poongodu
			41	Mayannoor
		Machad	42	Elanad
			43	Vazhani
		Pattikkad	44	Pattikkad
			45	Mannamangalam
11	Vazhachal	Charpa	46	Kannankuzhy*
		Vazhachal	47	Vazhachal*
			48	Mukkampuzha
		Kollathirumedu	49	Kollathirumedu*
		Sholayar	50	Malakkappara*
			51	Sholayar
		Athirappally	52	Athirappally*
			53	Ezhattumugham
12	Chalakudy	Pariyaram	54	Konnakuzhy
			55	Chaippankuzhy
		Vellikulangara	56	Mupliyam*

Sl. No.	Division	Range	Forest Stations	
13	Malayattoor	Kodanadu	57	Perumthodu*
			58	Erumukham*
			59	Mekkappala*
		Kalady	60	Karakkadu
			61	Kanimangalam
			62	Evergreen*
		Thundathil	63	Bhoothathankettu
			64	Karimpani
			65	Edamalayar*
			66	Vadattuppara*
		Kuttampuzha	67	Pooyamkutty
			68	Anakulam*
Edamalayar	69	Ennakkal*		
	70	Perumuzhy		
EASTERN CIRCLE				
14	Nenmara	Kollengode	71	Thekkady*
		Nelliampathy	72	Nelliampathy*
		Alathur	73	Mangalam dam
15	Mannarkkad	Mannarkkad	74	Palakkayam*
			75	Mannarkkad
			76	Thiruvizhamkunnu*
		Attappady	77	Puthur*
			78	Mukkali*
		Agali	79	Ommala*
			80	Sholayar*
81	Singappara*			
16	Nilambur (South)	Karulai	82	Padukka*
			83	Nedumkayam
		Kalikavu	84	Chakkikuzhi*
			85	Karuvarakundu
17	Nilambur (North)	Edavanna	86	Akampadam*
			87	Edacode*
			88	Kodumpuzha
		Nilambur	89	Vaniyampuzha*
			90	Kanjirapuzha*
		Vazhikkadavu	91	Nellikuthu
	92	Pothukal*		

Sl. No.	Division	Range	Forest Stations	
NORTHERN CIRCLE				
18	Wayanad (North)	Mananthavady	93	Makkiyad*
		Begur	94	Thirunelly*
			95	Thalapuzha*
			96	Kunhome*
		97	Varayal*	
19	Wayanad (South)	Meppadi	98	Mundakkai
			99	Vythiri*
		Chedleth	100	Irulam*
			101	Pulpally*
20	Kozhikkode	Peruvannamoozhi	102	Kakkayam
			103	Peruvannamoozhy
FIELD DIRECTOR(PERIYAR TR)				
21	Munnar WL (Eravikulam)	Eravikulam NP	104	Chattamunnar
		Chinnar WS	105	Kambakkallu
			106	Karimutti
		Shola NP	107	Kadavari*
22	Periyar East	Vallakkadavu	108	Gavi*
			109	Sannidhanam*
23	Periyar West	Pamba	110	Mukkuzhi*
			111	Pachakkanam
FIELD DIRECTOR(PARAMBIKKULAM TR)				
24	Silent Valley	Bhavani	112	Anavai
			113	Thudukki
25	Peechi	Peechi	114	Olakara*
			115	Peechi
			116	Vaniampara*
		Chimmini	117	Chimmini
			118	Kavala
26	Wayanad WL	Kurichiat	119	Vandikkadavu
			120	Kuppady*
		Sulthanbathery	121	Naikatty
		Muthanga	122	Muthanga*
			123	Thottamoola*
27	Aralam WL	Tholpetty	124	Tholpetty*
		Aralam	125	Narikkadavu

* – Model Forest Station

6.2 Check-posts

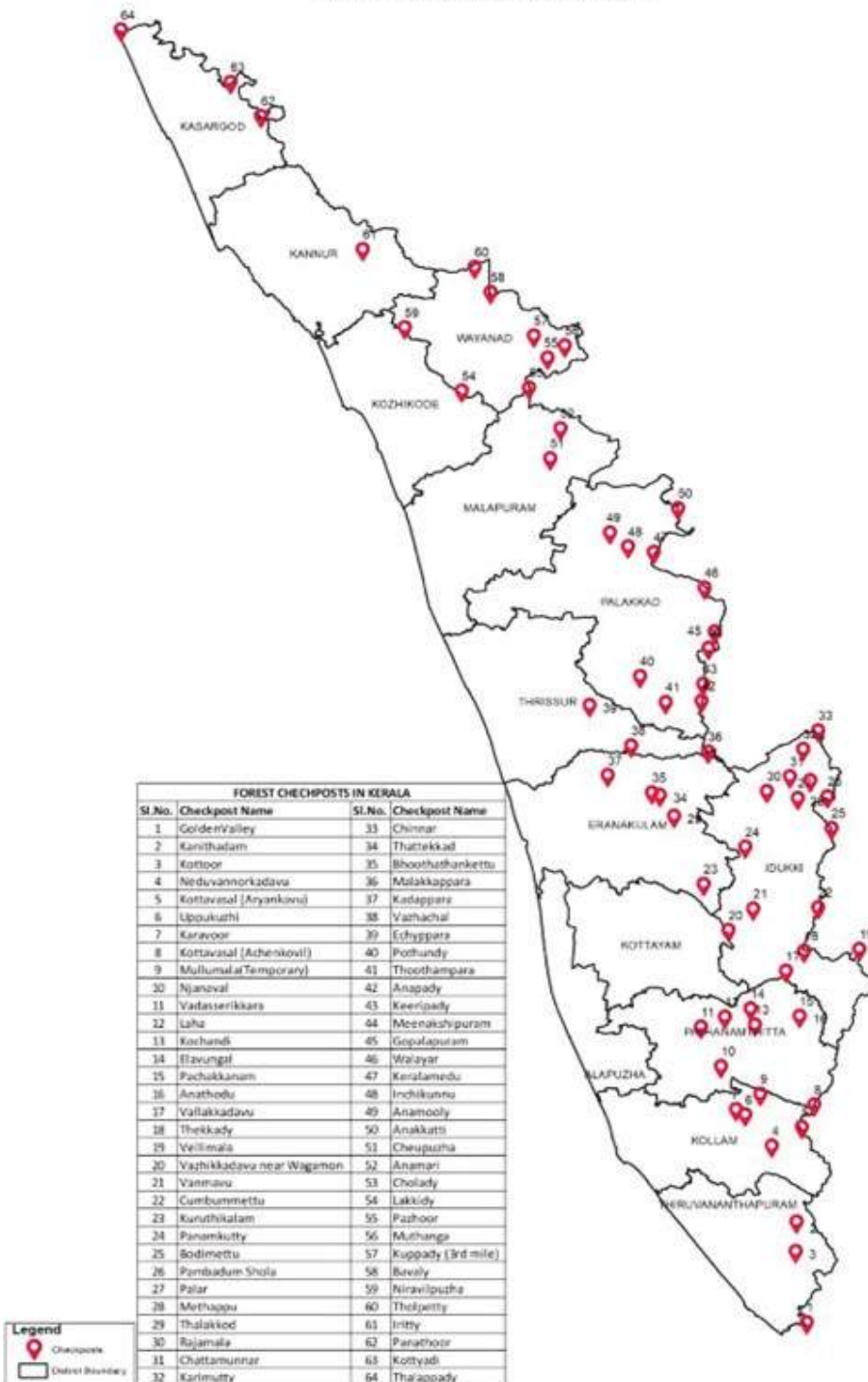
Table-6.2
Division/Range-wise details of check-posts

Sl. No.	Division	Range	Check-posts	
SOUTHERN CIRCLE				
1	Thiruvananthapuram	Palode	1	Goldenvalley
2	Thenmala	Thenmala	2	Neduvannurkadavu
		Aryankavu	3	Kottavasal(Aryankavu)*
3	Punalur	Pathanapuram	4	Karavoor
			5	Uppukuzhi
4	Achenkovil	Achenkovil	6	Kottavasal (Achenkovil)*
5	Konni	Naduvathumuzhy	7	Njanaval
		Naduvathumuzhy	8	Padam
		Mannarappara	9	Mullumala (Temporary)
6	Ranni	Goodrical	10	Kochandi
			11	Elavungal
		Vadasserikkara	12	Vadasserikkara
		Ranni	13	Laha (Rajampara)
HIGH RANGE CIRCLE				
7	Kottayam	Kumili	14	Cumbummettu*
		Erumeli	15	Vazhikadavu
8	Kothamangalam	Thodupuzha	16	Guruthikalam
9	Munnar	Neriyamangalam	17	Thalakkodu
			18	Panamkutty
		Devikulam	19	Bodimettu
			20	Palar
10	Marayur	Marayur	21	Chattamunnar
CENTRAL CIRCLE				
11	Vazhachal	Charpa	22	Charpa
		Sholayar	23	Sholayar
12	Malayattoor	Kalady	24	Kadappara / Evergreen Forest Checkpost
		Kuttampuzha	25	Thattekadu
		Thundathil	26	Boothathankettu
EASTERN CIRCLE				
13	Nenmara	Nelliyampathy	27	Pothundi
		Kollenkode	28	Gopalapuram*
			29	Meenakshipuram*

Sl. No.	Division	Range	Check-posts	
14	Mannarkkad	Agali	30	Anakkatty*
			31	Inchikunnu
			32	Keralamedu Picket Station
		Mannarkkadu	33	Anamooly
15	Palakkad	Walayar	34	Walayar*
16	Nilambur North	Vazhikkadavu	35	Anamari*
17	Nilambur South	Karulai	36	Cherupuzha
NORTHERN CIRCLE				
18	Kannur	Kottiyoor	37	Madathil
19	Kasargode	Kanjangad	38	Panathur*
		Kasargode	39	Thalappady*
			40	Kottayadi*
20	Wayanad (North)	Periya	41	Valamthode
21	Wayanad (South)	Meppadi	42	Cholady*
		Kalpetta	43	Lakkidi
AGASTHYAVANAM BIOLOGICAL PARK				
22	Thiruvananthapuram WL	Peppara	44	Peppara Wildlife Sanctuary
		Kottoor	45	ABP Range Kottoor
23	Shendurney WL	Shendurney	46	Rosemala
		Shendurney	47	Kattilappara
FIELD DIRECTOR (PERIYAR TR)				
24	Periyar East	Thekkady	48	Thekkady
		Vallakkadavu	49	Gavi
			50	Vallakkadavu
		Periyar	51	Manalar
25	Munnar WL	Eravikulam NP	52	5 th Mile Rajamala
		Chinnar WLS	53	Chinnar*
			54	Karimutty
		Shola NP	55	Pambadum Shola
			56	Methappu
			57	Perumala
FIELD DIRECTOR (PARAMBIKULAM TR)				
26	Wayanadu WL	Muthanga	58	Muthanga*
			59	Pazhoor*
		Tholpetty	60	Tholpetty*
			61	Bavali*
27	Parambikulam	Sungam	62	Anappadi*
			63	Keerappadi*

* - Interstate Check-post

FOREST CHECKPOSTS IN KERALA



6.3 Roads

The type wise details of roads maintained by the department as on 31.03.2024 are given below.

Table 6.3
Details of roads

Sl. No.	Type of Road	Length (km)
1	Black Topped	591.773
2	Metalled	779.895
3	Cement Concrete	132.083
4	Earthen Road (Unsurfaced)	3579.527
TOTAL		5083.278
1	Motorable	4316.643
2	Non-motorable	766.635

6.4 Buildings

As on 31.03.2024, 3614 buildings are under the ownership/possession of Kerala Forest Department. The details are given below.

Table 6.4
Details of buildings

Sl. No.	Category	Number
I	Office Buildings	340
II	Rest house / Government Cottages / IB	63
III	Quarters	
	a) Type VI	20
	b) Type V	15
	c) Type IV	76
	d) Type III	214
	e) Type II	667
	f) Type I	343
	g) Other Quarters	214
IV	Dormitory	114
V	Community Hall	46
VI	Forest Stations & Associated Buildings	162
VII	Other Buildings	1340
TOTAL		3614

6.5 Vehicles

Kerala Forest Department possesses 770 numbers of different types of vehicles. Of this, 586 are in running conditions. The details as on 31.03.2024 are given below.

Table 6.5
Details of vehicles

Sl. No.	Vehicles	Number		Total number of vehicles
		In running condition	Not in running condition	
1	Ambassador car	2	12	14
2	Ambulance	3	0	3
3	ATV	1	0	1
4	Boat	22	8	30
5	Mahindra Bolero/Mahindra Xylo/XUV/Scorpio/Invader/Marazzo/Toyota Qualis	123	18	141
6	Bus/Minibus	26	3	29
7	E Rikshaw	0	1	1
8	Ford Fiesta	1	0	1
9	Force Gurkha Explorer	20	1	21
10	Lorry / Mini Lorry	2	0	2
11	Mahindra Jeep/Thar	185	44	229
12	Mahindra Verito	3	0	3
13	Maruthi Gypsy	0	1	1
14	Maruthi SX4 / Ciaz	15	0	15
15	Motor cycle	61	89	150
16	Scorpio Getaway/Mahindra Bolero Camper	58	2	60
17	Tata Safari	4	0	4
18	Tata Indigo/Indica/ Manza/Nexon/Tata Sumo	4	3	7
19	Tata Winger	3	0	3
20	ToyotoInnova	35	0	35
21	Yodha Pick-up	17	2	19
22	Fire Responder	1	0	1
TOTAL		586	184	770

Vehicles purchased / disposed

The number of vehicles purchased and disposed of during the year is 5 and 11 respectively. An amount of Rs.15.85 lakh has been received by the disposal of old vehicle. The details are given below.

Table 6.6
Details of vehicles purchased/disposed

Sl No.	Type of Vehicle	Budget/ Scheme	Number of vehi- cles purchased	Amount (in Rupees)
1	Isuzu Cab	EMF	1	1157112
2	Bolero Neo N10	EMF	1	1094933
3	Bolero Camper	MLA Fund	1	1052569
4	Isuzu Cab 2 WD	MP Fund	1	1500000
5	Mahindra Scorpio	FDA	1	1810540
Total			5	6615154
Sl No.	Type of Vehicle		Number of Vehi- cles disposed	Amount (in lakhs)
1	Mahindra Jeep		5	15.85
2	Bullet		1	
3	Bolero		3	
4	Mahindra Invader		1	
5	Swaraj Mazda		1	
Total			11	15.85

6.6 Arms & Ammunition

The Divisional Forest Officers, Range Officers, and Forest Station staff in vulnerable areas have been provided with the necessary arms and ammunition to ensure the effective protection of forests and wildlife. The details as on 31.03.2024 are given below.

Table 6.7
Details of arms and ammunitions

Sl. No.	Circle	Arms			Total	Ammunitions		
		Rifle	Revolver	Pump Action Gun		Cartridge	Bullet	Cartridge for PAG
1	Southern Circle	31	11	12	54	724	296	295
2	High Range Circle	49	14	10	73	658	520	339
3	Central Circle	49	10	5	64	900	187	146
4	Eastern Circle	52	8	12	72	1214	236	26
5	Northern Circle	31	6	4	41	865	185	2665
6	Agasthyavanam Biological Park	12	5	2	19	123	918	82
7	Field Director (Periyar TR)	91	19	70	180	783	607	1251
8	Field Director (Parambikulam TR)	72	15	22	109	1928	651	944
9	Inspection & Evaluation, Kottayam	15	6	0	21	146	152	0
10	Inspection & Evalua- tion, Kozhikod	16	8	0	24	261	208	0
11	Human Resource Developemnt	2	2	1	5	16	11	8
TOTAL		420	104	138	662	7618	3971	5756

Chapter – VII

PROMOTION OF TREES OUTSIDE FORESTS AND OUTREACH PROGRAMMES

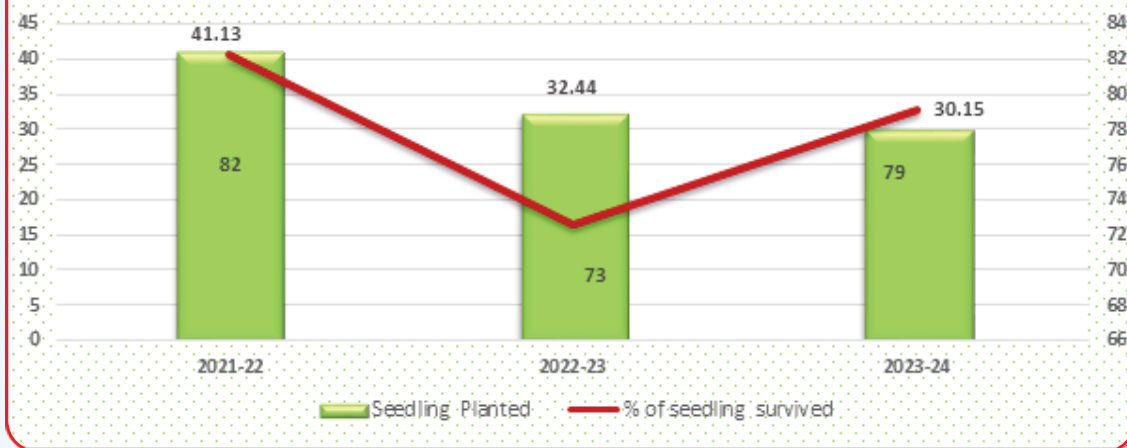
7.1 Vriksha Samridhi Scheme

The Vriksha Samridhi scheme, jointly implemented by the Kerala Forest Department and the Local Self Government Department, during the year is taking a collaborative approach by working in conjunction with MGNREGS to raise seedlings. The maintenance of these planted seedlings will adhere to MGNREGS guidelines for 3-5 years, depending on the species. The Local Self Government Department will be responsible for raising, planting, and maintaining the seedlings for 5 years. During 2023-24 LSGD raised and planted 30.15 lakh seedlings. Forest department rendered only technical support for raising and planting of seedlings. District wise number of seedlings raised and survived during 2023-24 is shown below.

Table 7.1
Details of seedlings planted and survived under Vriksha Samridhi Scheme during 2023-24

Sl. No.	Name of District	No. of seedlings planted (in lakh)	No. of seedlings survived (in lakh)	Survival Percentage
1	Thiruvananthapuram	2.64	2.04	77.26
2	Kollam	1.99	1.61	80.92
3	Pathanamthitta	1.58	1.24	78.47
4	Alappuzha	9.50	8.20	86.36
5	Kottayam	1.14	0.56	48.87
6	Ernakulam	1.01	0.76	75.09
7	Idukki	0.39	0.36	92.63
8	Thrissur	1.40	1.10	78.64
9	Palakkad	1.55	1.50	96.55
10	Malappuram	1.87	1.72	92.00
11	Wayanad	2.43	1.30	53.42
12	Kozhikkode	1.05	0.83	78.78
13	Kannur	2.40	1.77	73.75
14	Kasargode	1.20	0.87	72.62
GRAND TOTAL		30.15	23.86	79.13

Graph 7.1 Seedlings Planted (in lakhs) and Survival Percentage under Vriksha Samruddhi Scheme (2021-22 to 2023-24)



7.2 Prime Minister's 'Van DhanYojana'

The Van DhanVikasKendras (VDVKs) under the Van DhanVikasYojana, initiated by the Ministry of Tribal Affairs, support the retail marketing and value addition of Non Wood Forest Produce (NWFP). In Wayanad District, 13 VDVKs have been established under the leadership of the District Collector, for Rs.195.00 lakh. Additionally, the State Forest Development Agency (SFDA) has initiated activities for establishing 31 VDVKs under 18 Forest Development Agencies in the State, for which TRIFED has released Rs 2.12 Crore. These VDVKs aim to empower forest-dependent communities through the value addition and marketing of NWFP. The total outlay of the scheme is Rs. 402.25 lakhs. Of the Rs 201.125 lakh received as the first installment, the remaining Rs 83.162 lakh has been spent for the implementation of the scheme for the year 2023-24.

7.3 Pradhan Mantri Janjati Adivasi Nyaya Maha Abhiyan (PM JANMAN)

Among the tribal groups, the PVTG (Particularly Vulnerable Inbal Groups) are the most vulnerable. Therefore, more funds are required for the development of PVTG groups. In this context, the Central Government has identified about 75 vulnerable tribal groups across the country at various stages. Of these, 5 groups from Kerala, namely; Kadar, Kurumbar, Koragar, Cholanaikkan, and Kattunaikkan, have been included in the said list. These groups are very small in number in proportion to the population. The project to form PVTGVDVKs through the VDVK scheme for the empowerment of the above said sections is being implemented with the financial assistance from the TRIFED. Out of the sanctioned outlay of Rs.21.65 lakh, TRIFED has released Rs.10.825 lakh as the first installment. Currently, five PVTGVDVKs have been formed in Kerala in Wayanad and Palakkad districts.

7.4 Minimum Support Price for MFP

The Minimum Support Price for Minor Forest Produce / NWFP (MSP for MFP scheme) is being funded by the Ministry of Tribal Affairs through TRIFED. The objective of the scheme is to provide financial assistance for marketing of NWFP and to develop a value chain through Minimum Support Price (MSP). MSP for MFP scheme supports the establishment of HAAT Bazaars (collection and selling unit), modernization of HAAT Bazaars and creation of storage facilities. 36 FDAs are instrumental in implementing this project in the State. Till date, 26 NWFP available in Kerala, including honey are being supported under the project. Out of Rs.556.65 lakhs released to the SFDA,

an amount of Rs. 556.65 lakhs has been utilized and U.C as on 31.03.2023 has been submitted to TRIFED. APO for Rs.607.56 lakh has been submitted to Government of India and approval is pending.

7.5 Nagar Van / Nagar Vatika under Nagar Van Yojana

Nagar Van Yojana is a flagship scheme of the Government of India to enhance the tree cover outside forests and green cover in cities for a better environment and provide, biodiversity and ecological benefits to the urban and semi-urban areas apart from improving the quality of life for the people. Participation and involvement of public, civil society groups, Residential Associations and LSGIs would be a key to this programme. The Ministry of Environment, Forest and Climate Change, Government of India has approved the project proposal submitted by the State Forest Development Agency (SFDA), Kerala for the establishment of Nagar Van / Nagar Vatika under the Nagar Van Yojana. Activities are progressing in 25 sites through 18 FDAs for the establishment of Nagar Van / Nagar Vatikas. Out of the total outlay of the project Rs. 1507.54 lakhs, an amount of Rs. 1055.27 lakh was released and Rs. 540.96 lakhs has been utilized as on 31.03.2024. The works are in different stages of completion.

7.6 School Nursery Yojana

The 'School Nursery Yojana' is a pilot project of the Government of India, which aims to provide an environment for the students to understand and appreciate the significance of plants in maintaining and sustaining the natural ecosystem under the concept of 'Plant and Grow Seedlings'. The National Afforestation and Eco-development Board, National Authority – CAMPA and Ministry of Environment, Forest and Climate Change, Government of India had circulated the implementation guidelines and directed the State Forest Development Agencies to submit proposals under the 'School Nursery Yojana'. 52 schools in 14 Districts have been selected for the scheme till date. GoI had approved the project for Rs. 47.00 lakh and released Rs. 32.90 lakh as first instalment Rs. 65800 per site. The amount has been spent by 14 Social Forestry FDAs for the scheme activities.

7.7 Nagaravanam

The concentration of population in Kerala's urban and rural areas has led to a significant decrease in public green spaces, highlighting the urgent need for creating such spaces in urban and semi-urban landscapes. It is crucial to integrate green spaces into developmental planning and urban projects. Establishing demonstrative green patches in urban and semi-urban areas can serve as models for replication by Local Self-Government Institutions (LSGIs) and other agencies. With this objective, the Kerala Forest Department aims to initiate the Nagaravanam (Urban Forests) project to pilot a few such forest patches in urban and semi-urban landscapes. In 2023-24, a total of 6 Nagaravanams were established as part of this initiative. Details are given below.

Sl. No	Name of District	Place	Name of institution
1	Thiruvananthapuram	Menamkulam	Armed Women Police Battalion, Menamkulam
2	Pathanamthitta	Parakkodu block	Kerala Armed Police Camp, Adoor
		Pulikkeezhu block	Believers Medical College, Thiruvalla
		Thiruvalla	Railway Station Area
3	Ernakulam	Aluva	Aluva Municipal Area
4	Thrissur	Vellanikkara	Agriculture University

7.8 Vidyavanam

The Kerala Forest Department introduced 'Forestry Clubs' in schools in the early 1980s, and recently launched the "Mission Forestry Clubs" to revive and expand their activities. One of the proposed activities for these clubs is the establishment of miniature forests within school and college premises, known as Vidhyavanam (educational forests). These forests are designed as multi-canopy forests with indigenous species, utilizing high-density planting techniques to create dense forest quickly. They serve as a platform for educating and sensitizing students about the ecological, biological and recreational values of forests, fostering a conservationist mindset. The Social Forestry wing established 44 numbers of Vidhyavanams during the 2023-24 period.

7.9 Forestry Clubs

Organising Forestry clubs is one of the major activities of the Social Forestry wing of Forest Department. Forestry clubs were formed in schools to sensitize the children about the importance of forest conservation, to provide opportunity to children to connect with nature and to create eco sensitive citizens of the future. Presently there are 1131 forestry clubs registered throughout the state, but majority of them are inactive. During 2023-24 a total of 104 Forestry Clubs were started.

7.10 Incentivisation of Private Forestry

The government had approved a proposal to provide cash incentives to farmers, aiming to encourage them to cultivate more trees and produce timber on their private lands, as per G.O (Rt) No. 99/2012/F&WLD dated 17.02.2012. The tree species covered by this scheme include Teak, Sandal, Mahogany, Anjily, Plavu, Rosewood, Kambakam, Kumbil, Kunnavaka, and Thembavu. The scheme is intended to be implemented through individual farmers, VSS, EDC, Kudumbasree units, Self Help Groups, farmers' co-operatives, and NGOs. Eligibility for the incentive requires planting a minimum of 50 seedlings on their land. The proposed incentive amounts are as follows:

(a)	From 50-200 plants	:	Rs. 50 per plant
(b)	From 200-400	:	Rs. 40 per plant with a minimum of Rs. 10000/-
(c)	401 to 625	:	Rs. 30 per plant with a minimum of Rs.16000/-

50% of the incentive will be given at the end of 1st year and the remaining 50% will be given at the end of the 3rd year. The scheme also provides suitable cash awards for the best three performers in each of the above said slab at the end of 5th and 10th year. During 2023-24, Rs.4.061 lakh has been utilised for the financial assistance under incentivisation of private forestry.

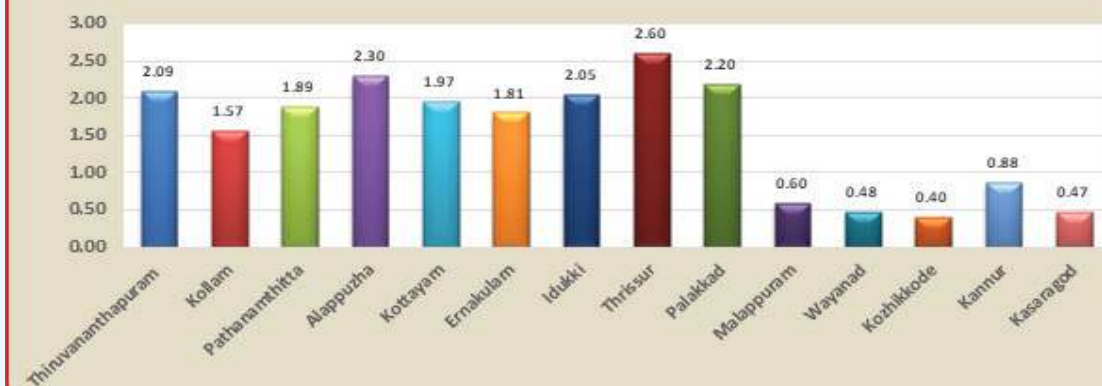
7.11 Distribution/Planting of Seedlings during 2023-24

During the year 21.31 lakh seedlings were raised by Social Forestry wing for planting and distribution in connection with World Environment Day, Vanamaholsavam and also for Institutional planting. District wise number of seedlings raised and planted during 2023-24 is shown below.

Table 7.2
District wise number of seedlings raised / distributed during 2023-24

Sl. No.	Name of District	No. of seedlings raised	No. of seedlings distributed
1	Thiruvananthapuram	209160	208755
2	Kollam	157109	157109
3	Pathanamthitta	189000	189000
4	Alappuzha	230000	230000
5	Kottayam	197042	197042
6	Ernakulam	181021	181021
7	Idukki	205000	205000
8	Thrissur	260111	260111
9	Palakkad	220000	220000
10	Malappuram	60000	60000
11	Wayanad	47500	47500
12	Kozhikkode	40462	40462
13	Kannur	88000	88000
14	Kasaragod	47000	47000
TOTAL		2131405	2131000

Graph 7.2 District wise number of seedlings raised / distributed during 2023-24



7.12 Protection and Conservation of Sacred Groves

The scheme is implemented by the Social Forestry wing in accordance with the guidelines issued by the Government through GO(Rt) no. 485/16/F&WLD dated 24.12.2016. The Assistant Conser-

vator of Forests (Social Forestry) in each district shortlists 5 applicants, who are then reviewed by a State Level Expert Committee. This committee evaluates and prioritizes applicants for financial support. Upon producing relevant ownership documents, an agreement is signed between the owner/trust of the sacred groves and the concerned Assistant Conservator of Forests. The first installment, amounting to 10% of the total project cost or a maximum of ₹ 25000/-, is released. Subsequent installments are disbursed based on the beneficiary's production of vouchers and records for completed works.

During 2023-24, 51 numbers of sacred groves have been selected for financial assistance throughout the state.

7.13 Vanamithra Award

The Vanamithra Award, included under the Biodiversity Conservation Programme, has been in vogue since 2010-11. Activities that contribute to the conservation of biodiversity values in the locality, such as the conservation of sacred groves, mangroves, medicinal plants, and agro-biodiversity, are considered for this award. Only one award is provided per district, including an incentive of ₹ 25,000/- and a certificate. Applications are invited by the concerned Assistant Conservators of Forests from individuals, educational institutions, NGOs, farmers, etc. 15 persons received Vanamithra Award during 2023-24.

7.14 Regulation of Wood Based Industries

The Kerala Forest (Regulation of Sawmills and Other Wood-based Industrial Units) Rules, 2021, which came into effect through Government Order (P).No.02/2021/F&WLD Dated.12.02.2021, established a State Level Committee chaired by the Principal Chief Conservator of Forests and Head of Forest Force. The committee oversees the granting of licenses, with Territorial Divisional Forest Officers designated as Authorized Officers and Territorial Circle Officers as Appellate Authorities for field-level monitoring. These rules allow wood-based industrial units operating before 30-10-2002 to apply for licenses within six months of the commencement of the rules. The State Level Committee instructed Authorized Officers to scrutinize applications within the prescribed time frame and take necessary action in accordance with the rules.

During 2023–24, the State Level Committee convened meetings on 22.07.2023, 07.11.2023, and 26.03.2024. In the meeting held on 22.07.2023, the Committee granted in-principle approval for 34 applications for transfer of ownership and 10 applications for inter-district transfer. In the meeting on 07.11.2023, in-principle approval was accorded for 43 applications for transfer of ownership and 7 applications for inter-district transfer. Similarly, in the meeting held on 26.03.2024, in-principle approval was granted for 46 applications for transfer of ownership and 9 applications for inter-district transfer. Authorized officers were instructed to take necessary steps to issue licences. It was also decided to develop software for the online submission of licence applications for Wood-Based Industrial units to streamline and expedite the licensing process.

Also, an amendment order has issued on 03.11.2023 as per G.O.(P) No.21/2023/F&WLD to increase the machine capacity of the Wood Based Industrial units under the category II,V,VII,VIII,IX, and X. The State Level Committee approved the APO for 203.15 lakh rupees for the year 2023-24 prepared for carrying out various activities utilizing the interest of the One-Time Payment received in connection with issuing of licence for Wood Based units and amount has been distributed to divisions for various activities. During the financial year 2023-24, ₹ 210.319 lakh was collected as One-Time Payment for granting licence for saw mills and other Wood Based Industries.

Chapter – VIII

BUDGET OUTLAY & REVENUE

8.1 Budget Outlay

During the financial year, the forestry sector received a combined allocation of Rs. 759.22crores, comprising Rs. 211.197crores under Plan and Rs. 548.02crores under Non-Plan provisions. Against this allocation, the sector achieved a total expenditure of Rs. 707.88crores, with Rs. 188.41crores utilized under Plan schemes and Rs. 519.47crores under Non-Plan schemes. The financial outlay was directed towards strengthening forest protection measures, improving core infrastructure essential for field operations, and advancing conservation initiatives aimed at safeguarding biodiversity and sustaining ecosystem services. This pattern of expenditure reflects the State's continued commitment to enhancing forest resilience, supporting frontline staff, and ensuring long-term ecological stability. The chapter covers details of the Plan and Non-Plan allotments and expenditure for the forestry sector.

Table 8.1
Financial Progress in Plan & Non plan schemes during the last five years
(Rs. in crores)

Year	Plan			Non-Plan		Total			
	Allo- cation	Re- lease	Achieve- ment	Alloca- tion	Achieve- ment	Alloca- tion	Re- lease	Achieve- ment	% of achievement against Release
2023-24	305.230	211.197	188.410	548.020	519.470	853.250	759.220	707.880	93.24
2022-23	281.210	181.841	174.360	573.620	524.790	854.830	755.460	699.150	92.55
2021-22	252.220	205.614	204.310	549.440	565.550	801.660	755.050	769.860	101.96
2020-21	269.460	249.475	247.610	441.990	375.720	711.450	691.470	623.330	90.15
2019-20	256.010	216.170	160.270	408.990	390.910	665.000	625.160	551.180	88.17

Sector wise Outlay and Expenditure

The plan expenditure under the forestry sector during 2023-24 was ₹ 188.41crore, which is 61.73% of the total plan outlay. Out of this, state sector accounted an expenditure of ₹ 162.80 crore and central sector accounted an expenditure of ₹ 25.61 crore.

Table 8.2**Sector wise outlay and expenditure (Rs. in crores) during 2022-23 and 2023-24**

Schemes	2022- 23		2023-24	
	Outlay	Expenditure	Outlay	Expenditure
State Sector	226.010	158.900	242.570	162.800
Central Sector	55.200	15.460	62.660	25.610
Total (Plan)	281.210	174.360	305.230	188.410
Non Plan	573.620	524.790	548.020	519.470
Grand Total	854.830	699.150	853.250	707.880

8.2 Financial Progress under Plan and Non-plan Schemes**Plan Schemes**

During 2023-24, ₹18840.836 lakh was utilized against the release ₹ 21119.715 lakh and the budget provision is ₹30523.62 lakh. Details of budget provision, release and expenditure of the state and the central scheme is detailed below.

Table 8.3**Abstract of sector-wise budget provision, release and expenditure as on 31.03.2024 (Rs. in lakhs)**

Sl. No	Category	Revised Budget Outlay	Release	Expenditure	% of Expenditure on Release amt	% of Expenditure on Revised Outlay
1	100% State Scheme	20067.000	16618.360	14470.516	87.08	72.11
2	40% State share of CSS 60:40	4089.980	1940.360	1809.325	93.25	44.24
3	25% State share of CSS 75:25	100.000	-	-	-	-
I	Total State share including CSS	24256.980	18558.720	16279.841	87.72	67.11
1	60% Central Share	5966.640	2560.995	2560.995	100.00	42.92
2	75% Central Share	300.000	-	-	-	-
II	Total Central Share	6266.640	2560.995	2560.995	100.00	40.87
Grand Total (I+II)		30523.620	21119.715	18840.836	89.21	61.73

Table 8.4
Details of budget headwise allotment and expenditure as on 31.03.2024 (Rs. in lakhs)

Sl. No.	Name of Scheme / Head of Account	Revised Budget Outlay			Release during the year			Amount Spent	% of achievement against Release	% of achievement against Re-vised Budget Outlay
		State Share	Central Share	Total	State Share	Central Share	Total			
A.	STATE SECTOR SCHEMES									
I	Management of Natural Forests									
1	Forest Protection (2406-01-101-81)	2600.000	-	2600.000	2475.980	-	2475.980	2273.188	91.81	87.43
2	Forest Protection (Survey of Forest Bound-aries & Forest Protection) (4406-01-101-99)	2800.000	-	2800.000	1820.560	-	1820.560	1608.731	88.36	57.45
3	Regeneration of Denuded Forest (2406-01-101-94)	300.000	-	300.000	225.480	-	225.480	187.101	82.98	62.37
4	Non-wood Forest Produce Including Promotion of Medicinal Plants (2406-01-101-80)	200.000	-	200.000	143.860	-	143.860	127.834	88.86	63.92
Sub Total (I)		5900.000	-	5900.000	4665.880	-	4665.880	4196.855	89.95	71.13
II	Improving Productivity of Plantations									
1	Hard Wood Species (4406-01-105-87) (01)	500.000	-	500.000	364.100	-	364.100	330.999	90.91	66.20
2	Industrial Raw Materials (4406-01-105-87) (02)	200.000	-	200.000	144.740	-	144.740	130.720	90.31	65.36
Sub Total (II)		700.000	-	700.000	508.840	-	508.840	461.719	90.74	65.96

Sl. No.	Name of Scheme / Head of Account	Revised Budget Outlay			Release during the year			Amount Spent	% of achievement against Release	% of achievement against Revised Budget Outlay
		State Share	Central Share	Total	State Share	Central Share	Total			
III	Infrastructure Development									
1	Roads (4406-01-070-99)	400.000	-	400.000	260.000	-	260.000	245.236	94.32	61.31
2	Building (4406-01-070-97)	400.000	-	400.000	260.000	-	260.000	246.680	94.91	61.67
	Sub Total	800.000	-	800.000	519.902	-	519.902	491.916	94.62	61.49
IV	Eco-Tourism (4406-01-800-91)	700.000	-	700.000	455.000	-	455.000	430.804	94.68	61.54
V	Human Resource Development (2406-01-003-97)	350.000	-	350.000	350.000	-	350.000	348.665	99.62	99.62
VI	Resource Planning & Research (2406-01-004-92)	150.000	-	150.000	102.045	-	102.045	100.465	98.45	66.98
VII	Forest Management Information System & GIS (2406-01-800-57)	150.000	-	150.000	97.500	-	97.500	97.459	99.96	64.97
VIII	Extension Community Forestry & Agro Forestry (2406-01-101-78)	1000.000	-	1000.000	650.000	-	650.000	616.752	94.88	61.68
IX	Works with assistance from RIDF (4406-01-800-90)	5157.00	-	5157.000	4725.875	-	4725.875	3616.892	76.54	70.14
X	Measures to reduce Man Animal conflict (2406-01-800-56)	3085.000	-	3085.000	3085.000	-	3085.000	2914.892	94.49	94.49

Sl. No.	Name of Scheme / Head of Account	Revised Budget Outlay			Release during the year			Amount Spent	% of achievement against Release	% of achievement against Revised Budget Outlay
		State Share	Central Share	Total	State Share	Central Share	Total			
XI	Zoological Park at Puthur, Thrissur (2406-02-110-48)	600.000	-	600.000	348.000	-	348.000	176.797	50.80	29.47
XII	Elephant Rehabilitation Centre at Kappukkad near Kottoor (2406-02-110-29)	100.000	-	100.000	65.000	-	65.000	62.490	96.14	62.49
XIII	Conservation of Biodiversity (2406-02-110-68)	1000.000	-	1000.000	788.800	-	788.800	719.129	91.17	71.91
XIV	Eco Development Programme (2406-02-110-56)	375.000	-	375.000	256.425	-	256.425	235.681	91.91	62.85
	SUB TOTAL (A)	20067.000	-	20067.000	16618.365	-	16618.365	14470.516	87.08	72.11
B	SCHEMES HAVING 60:40 SHARES BETWEEN CENTRE AND STATE									
1	Integrated Development of Wildlife Habitats									
i	Management of Wildlife Sanctuaries									
1	Neyyar Wildlife Sanctuary (2406-02-110-28) (01)	-	55.500	55.500	-	15.090	15.090	15.090	100.00	27.19
	Neyyar Wildlife Sanctuary (2406-02-110-28) (02)	37.000	-	37.000	9.752	-	9.752	9.752	100.00	26.36
	Sub Total	37.000	55.500	92.500	9.752	15.090	24.842	24.842	100.00	26.86
2	Wayanad Wildlife Sanctuary (2406-02-110-27) (01)	-	120.000	120.000	-	27.321	27.321	27.321	100.00	22.77
	Wayanad Wildlife Sanctuary (2406-02-110-27) (02)	80.000	-	80.000	18.214	-	18.214	18.214	100.00	22.77
	Sub Total	80.000	120.000	200.000	18.214	27.321	45.535	45.535	100.00	22.77

Sl. No.	Name of Scheme / Head of Account	Revised Budget Outlay			Release during the year			Amount Spent	% of achievement against Release	% of achievement against Revised Budget Outlay
		State Share	Central Share	Total	State Share	Central Share	Total			
3	Idukki Wildlife Sanctuary (2406-02-110-26) (01)	-	60.000	60.000	-	17.669	17.669	17.669	100.00	29.45
	Idukki Wildlife Sanctuary (2406-02-110-26) (02)	40.000	-	40.000	11.779	-	11.779	11.779	100.00	29.45
	Sub Total	40.000	60.000	100.000	11.779	17.669	29.448	29.448	100.00	29.45
4	Peechi, Vazhani (2406-02-110-25) (01)	-	60.000	60.000	-	15.479	15.479	15.479	100.00	25.80
	Peechi, Vazhani (2406-02-110-25) (02)	40.000	-	40.000	10.319	-	10.319	10.319	100.00	25.80
	Sub Total	40.000	60.000	100.000	10.319	15.479	25.798	25.798	100.00	25.80
5	Peppara Wildlife Sanctuary (2406-02-110-24) (01)	-	48.000	48.000	-	9.300	9.300	9.300	100.00	19.38
	Peppara Wildlife Sanctuary (2406-02-110-24) (02)	32.000	-	32.000	5.574	-	5.574	5.574	100.00	17.42
	Sub Total	32.000	48.000	80.000	5.574	9.300	14.874	14.874	100.00	18.59
6	Shendurney Wildlife Sanctuary (2406-02-110-23) (01)	-	60.000	60.000	-	13.215	13.215	13.215	100.00	22.03
	Shendurney Wildlife Sanctuary (2406-02-110-23) (02)	40.000	-	40.000	8.761	-	8.761	8.761	100.00	21.90
	SubTotal	40.000	60.000	100.000	8.761	13.215	21.976	21.976	100.00	21.98

Sl. No.	Name of Scheme / Head of Account	Revised Budget Outlay			Release during the year			Amount Spent	% of achievement against Release	% of achievement against Revised Budget Outlay
		State Share	Central Share	Total	State Share	Central Share	Total			
7	Chimmony Wildlife Sanctuary (2406-02-110-22) (01)	-	52.500	52.500	-	13.661	13.661	13.661	100.00	26.02
	Chimmony Wildlife Sanctuary (2406-02-110-22) (02)	35.000	-	35.000	7.431	-	7.431	7.431	100.00	21.23
	Sub Total	35.000	52.500	87.500	7.431	13.661	21.092	21.092	100.00	24.10
8	Aralam Wildlife Sanctuary (2406-02-110-21) (01)	-	52.500	52.500	-	12.255	12.255	12.255	100.00	23.34
	Aralam Wildlife Sanctuary (2406-02-110-21) (02)	35.000	-	35.000	8.093	-	8.093	8.093	100.00	23.12
	Sub Total	35.000	52.500	87.500	8.093	12.255	20.348	20.348	100.00	23.25
9	Chinnar Wildlife Sanctuary (2406-02-110-20) (01)	-	39.000	39.000	-	11.349	11.349	11.349	100.00	29.10
	Chinnar Wildlife Sanctuary (2406-02-110-20) (02)	26.000	-	26.000	7.566	-	7.566	7.566	100.00	29.10
	Sub Total	26.000	39.000	65.000	7.566	11.349	18.915	18.915	100.00	29.10
10	Thattekkad Birds Sanctuary (2406-02-110-19) (01)	-	34.500	34.500	-	13.751	13.751	13.751	100.00	39.86
	Thattekkad Birds Sanctuary (2406-02-110-19) (02)	23.000	-	23.000	9.167	-	9.167	9.167	100.00	39.86
	Sub Total	23.000	34.500	57.500	9.167	13.751	22.918	22.918	100.00	39.86

Sl. No.	Name of Scheme / Head of Account	Revised Budget Outlay			Release during the year			Amount Spent	% of achievement against Release	% of achievement against Revised Budget Outlay
		State Share	Central Share	Total	State Share	Central Share	Total			
11	Mangalavanam Birds Sanctuary (2406-02-110-18) (01)	-	12.000	12.000	-	2.910	2.910	2.910	100.00	24.25
	Mangalavanam Birds Sanctuary (2406-02-110-18) (02)	8.000	-	8.000	1.940	-	1.940	1.940	100.00	24.25
	Sub Total	8.000	12.000	20.000	1.940	2.910	4.850	4.850	100.00	24.25
12	Kurinjimala Sanctuary (2406-02-110-17) (01)	-	18.000	18.000	-	5.493	5.493	5.493	100.00	30.52
	Kurinjimala Sanctuary (2406-02-110-17) (02)	12.000	-	12.000	3.662	-	3.662	3.662	100.00	30.52
	Sub Total	12.000	18.000	30.000	3.662	5.493	9.155	9.155	100.00	30.52
13	Choolannur Peacock Sanctuary (2406-02-110-16) (01)	-	15.000	15.000	-	4.080	4.080	4.080	100.00	27.20
	Choolannur Peacock Sanctuary (2406-02-110-16) (02)	10.000	-	10.000	2.720	-	2.720	2.720	100.00	27.20
	Sub Total	10.000	15.000	25.000	2.720	4.080	6.800	6.800	100.00	27.20
14	Malabar Sanctuary (2406-02-110-15) (01)	-	25.500	25.500	-	6.033	6.033	6.033	100.00	23.66
	Malabar Sanctuary (2406-02-110-15) (02)	17.000	-	17.000	4.012	-	4.012	4.012	100.00	23.60
	Sub Total	17.000	25.500	42.500	4.012	6.033	10.045	10.045	100.00	23.64

Sl. No.	Name of Scheme / Head of Account	Revised Budget Outlay			Release during the year			Amount Spent	% of achievement against Release	% of achievement against Revised Budget Outlay
		State Share	Central Share	Total	State Share	Central Share	Total			
15	Kottiyoor Wildlife Sanctuary (2406-02-110-14) (01)	-	28.500	28.500	0.000	7.125	7.125	7.125	100.00	25.00
	Kottiyoor Wildlife Sanctuary (2406-02-110-14) (02)	19.000	-	19.000	4.280	-	4.280	4.280	100.00	22.53
	Sub Total	19.000	28.500	47.500	4.280	7.125	11.405	11.405	100.00	24.01
16	Karimpuzha Wildlife Sanctuary (2406-02-110-13) (01)	-	33.000	33.000	0.000	8.543	8.543	8.543	100.00	25.89
	Karimpuzha Wildlife Sanctuary (2406-02-110-13) (02)	22.000	-	22.000	4.815	-	4.815	4.815	100.00	21.89
	Sub Total	22.000	33.000	55.000	4.815	8.543	13.358	13.358	100.00	24.29
	Sub Total of WL Sanctuaries	476.000	714.000	1190.000	118.085	183.274	301.359	301.359	100.00	25.32
ii	Management of National Parks									
1	Eravikulam National Park (2406-02-110-79) (01)	-	75.000	75.000	0.000	18.171	18.171	18.171	100.00	24.23
	Eravikulam National Park (2406-02-110-79) (02)	50.000	-	50.000	12.114	-	12.114	12.114	100.00	24.23
	Sub Total	50.000	75.000	125.000	12.114	18.171	30.285	30.285	100.00	24.23
2	Silent Valley National Park (2406-02-110-78) (01)	-	84.000	84.000	0.000	15.090	15.090	15.053	99.75	17.92
	Silent Valley National Park (2406-02-110-78) (02)	56.000	-	56.000	10.060	-	10.060	10.060	100.00	17.96
	Sub Total	56.000	84.000	140.000	10.060	15.090	25.150	25.113	99.85	17.94

Sl. No.	Name of Scheme / Head of Account	Revised Budget Outlay			Release during the year			Amount Spent	% of achievement against Release	% of achievement against Revised Budget Outlay
		State Share	Central Share	Total	State Share	Central Share	Total			
3	Anamudi National Park (2406-02-110-77) (01)	-	33.000	33.000	-	8.355	8.355	8.355	100.00	25.32
	Anamudi National Park (2406-02-110-77) (02)	22.000	-	22.000	5.570	-	5.570	5.570	100.00	25.32
	Sub Total	22.000	33.000	55.000	5.570	8.355	13.925	13.925	100.00	25.32
4	Mathikettanmala National Park (2406-02-110-76) (01)	-	33.000	33.000	-	8.664	8.664	8.664	100.00	26.25
	Mathikettanmala National Park (2406-02-110-76) (02)	22.000	-	22.000	5.776	-	5.776	5.776	100.00	26.25
	Sub Total	22.000	33.000	55.000	5.776	8.664	14.440	14.440	100.00	26.25
5	Pampadumshola National Park (2406-02-110-75) (01)	-	33.000	33.000	-	8.679	8.679	8.679	100.00	26.30
	Pampadumshola National Park (2406-02-110-75) (02)	22.000	-	22.000	5.786	-	5.786	5.786	100.00	26.30
	Sub Total	22.000	33.000	55.000	5.786	8.679	14.465	14.465	100.00	26.30
	Sub Total of National Parks	172.000	258.000	430.000	39.306	58.959	98.265	98.228	99.96	22.84

Sl. No.	Name of Scheme / Head of Account	Revised Budget Outlay			Release during the year			Amount Spent	% of achievement against Release	% of achievement against Revised Budget Outlay
		State Share	Central Share	Total	State Share	Central Share	Total			
iii	Management of Community Reserve									
1	Integrated Development of Wild Life Habitats - Management of Community Reserve (60:40 between Centre and State) (2406-02-110-72) (01) Kadalundi Reserve	-	18.000	18.000	0.000	4.695	4.695	4.695	100.00	26.08
	Integrated Development of Wild Life Habitats - Management of Community Reserve (60:40 between Centre and State) (2406-02-110-72) (02) Kadalundi Reserve	12.000	-	12.000	3.130	-	3.130	3.130	100.00	26.08
	Sub Total	12.000	18.000	30.000	3.130	4.695	7.825	7.825	100.00	26.08
iv	Project Tiger (60:40 between Central and State)									
1	Periyar Tiger Reserve (2406-02-110-74) (01)	-	546.490	546.490	0.000	305.573	305.573	305.573	100.00	55.92
	Periyar Tiger Reserve (2406-02-110-74) (02)	360.280	-	360.280	254.974	-	254.974	254.974	100.00	70.77
	Sub Total	360.280	546.490	906.770	254.974	305.573	560.547	560.547	100.00	61.82

Sl. No.	Name of Scheme / Head of Account	Revised Budget Outlay			Release during the year			Amount Spent	% of achievement against Release	% of achievement against Revised Budget Outlay
		State Share	Central Share	Total	State Share	Central Share	Total			
2	Parambikulam Tiger Reserve (2406-02-110-73) (01)	-	414.950	414.950	-	260.619	260.619	260.619	100.00	62.81
	Parambikulam Tiger Reserve (2406-02-110-73) (02)	272.560	-	272.560	220.088	-	220.088	220.088	100.00	80.75
	SubTotal	272.560	414.950	687.510	220.088	260.619	480.707	480.707	100.00	69.92
	Periyar Tiger Reserve (TSP) (2406-02-796-96) (01)	-	23.510	23.510	-	23.510	23.510	23.510	100.00	-
	Periyar Tiger Reserve (TSP) (2406-02-796-96) (02)	19.720	-	19.720	19.720	-	19.720	19.720	100.00	-
	Sub Total	19.720	23.510	43.230	19.720	23.510	43.230	43.230	100.00	
	Parambikulam Tiger Reserve (TSP) (2406-02-796-94) (01)	-	20.050	20.050	-	20.050	20.050	20.050	100.00	-
	Parambikulam Tiger Reserve (2406-02-796-94) (02)	17.440	-	17.440	17.440	-	17.440	17.440	100.00	-
	Sub Total	17.440	20.050	37.490	17.440	20.050	37.490	37.490	100.00	-
	Sub Total of Project Tiger	670.000	1005.000	1675.000	512.222	609.752	1121.974	1121.974	100.00	66.98

Sl. No.	Name of Scheme / Head of Account	Revised Budget Outlay			Release during the year			Amount Spent	% of achievement against Release	% of achievement against Revised Budget Outlay
		State Share	Central Share	Total	State Share	Central Share	Total			
v	Project Elephant (2406-02-110-35)(01)	-	780.000	780.000	-	342.912	342.912	342.912	100.00	43.96
	Project Elephant (2406-02-110-35)(02)	520.000	-	520.000	222.292	-	222.292	222.292	100.00	42.75
	Subtotal of Project Elephant	520.000	780.000	1300.000	222.292	342.912	565.204	565.204	100.00	43.48
vi	Recovery Programme for NilgiriTahr									
1	Recovery Programme for NilgiriTahr (2406-02-110-12(01) #	-	39.000	39.000	-	9.750	9.750	9.750	100.00	25.00
	Recovery Programme for NilgiriTahr (2406-02-110-12(02)	26.000	-	26.000	6.500	-	6.500	6.500	100.00	25.00
	Sub Total	26.000	39.000	65.000	6.500	9.750	16.250	16.250	100.000	25.00
1	Recovery Programme for Vulture (2406-02-110-11(01) #	-	33.000	33.000	-	8.309	8.309	8.309	100.00	25.18
	Recovery ProgrammeVulture (2406-02-110-11(02) #	22.000	-	22.000	5.542	-	5.542	5.542	100.00	25.19
	Sub Total	22.000	33.000	55.000	5.542	8.309	13.851	13.851	100.00	25.18

Sl. No.	Name of Scheme / Head of Account	Revised Budget Outlay			Release during the year			Amount Spent	% of achievement against Release	% of achievement against Revised Budget Outlay
		State Share	Central Share	Total	State Share	Central Share	Total			
2	National Mission for Green India	-	-	-	-	-	-	-	-	-
i	National Afforestation Programme - National Mission for Green India (60:40 between Centre and State) (2406-01-102-86) (01)	-	600.000	600.000	-	-	-	-	-	-
	National Afforestation Programme - National Mission for Green India (60:40 between Centre and State) (2406-01-102-86) (02)	400.000	-	400.000	-	-	0.000	-	-	-
	Sub Total	400.000	600.000	1000.000	-	-	-	-	-	-
3	FPMS CSS 60%									
i	Forest Fire Prevention & Management Scheme (2406-01-101-77) (01) (FPMS)	-	471.600	471.600	-	471.600	471.600	471.600	100.00	100.00
	Forest Fire Prevention & Management Scheme (2406-01-101-77) (02) (FPMS)	314.410	-	314.410	314.410	-	314.410	314.410	100.00	100.00
	Sub Total	314.410	471.600	786.010	314.410	471.600	786.010	786.010	100.00	100.00

Sl. No.	Name of Scheme / Head of Account	Revised Budget Outlay			Release during the year			Amount Spent	% of achievement against Release	% of achievement against Revised Budget Outlay
		State Share	Central Share	Total	State Share	Central Share	Total			
ii	Forest Fire Prevention & Management Scheme TSP (2406-01-796-98) (01) **	-	156.040	156.040	-	156.040	156.040	156.040	100.00	100.00
	Forest Fire Prevention & Management Scheme TSP (2406-01-796-98) (02) **	104.020	-	104.020	104.020	-	104.020	104.020	100.00	100.00
	Sub Total	104.020	156.040	260.060	104.020	156.040	260.060	260.060	100.00	100.00
	Sub Total of FPMS	418.430	627.640	1046.070	418.430	627.640	1046.070	1046.070	100.00	100.00
4	Conservation of Natural Resources & Ecosystems									
i	Nilgiri Biosphere Reserve (2406-02-110-34) (01)	-	270.000	270.000	-	-	-	-	-	-
	Nilgiri Biosphere Reserve (2406-02-110-34) (02)	180.000	-	180.000	-	-	-	-	-	-
	Sub Total	180.000	270.000	450.000	-	0.000	-	-	-	-
ii	Agasthyamala Biosphere Reserve (2406-02-110-33) (01)	-	180.000	180.000	-	59.656	59.656	59.656	100.00	33.14
	Agasthyamala Biosphere Reserve (2406-02-110-33) (02)	120.000	-	120.000	39.768	-	39.768	39.768	100.00	33.14
	Sub Total	120.000	180.000	300.000	39.768	59.656	99.424	99.424	100.00	33.14

Sl. No.	Name of Scheme / Head of Account	Revised Budget Outlay			Release during the year			Amount Spent	% of achievement against Release	% of achievement against Revised Budget Outlay
		State Share	Central Share	Total	State Share	Central Share	Total			
iii	Wetland Conservation (2406-02-110-32) (01)	-	242.000	242.000	-	-	-	-	-	-
	Wetland Conservation (2406-02-110-32) (02)	161.000	-	161.000	-	-	-	-	-	-
	Sub Total	161.000	242.000	403.000	-	-	-	-	-	-
iv	National costal mission (conservation and management of mangroves in vembanad and kannur region) (2406-02-110-10) (01)		-	-	-	-	-	-	-	-
	National costal mission (conservation and management of mangroves in vembanad and kannur region) (2406-02-110-10) (02)	14.550	-	14.550	14.550	-	14.550	12.550	86.25	86.25
	Sub Total	14.550	-	14.550	14.550	-	14.550	12.550	86.25	86.25
v	Integrated Development of Wildlife Habitats to Wayanad Wildlife Sanctuary for Voluntary Relocation of Settlements from Protected Areas (2406-02-110-31) (01)	-	600.000	600.000	-	553.500	553.500	553.500	100.00	92.25
	Integrated Development of Wildlife Habitats to Wayanad Wildlife Sanctuary for Voluntary Relocation of Settlements from Protected Areas (2406-02-110-31) (02)	498.000	-	498.000	498.000	-	498.000	369.000	74.10	74.10
	Sub Total	498.000	600.000	1098.000	498.000	553.500	1051.500	922.500	87.73	84.02

Sl. No.	Name of Scheme / Head of Account	Revised Budget Outlay			Release during the year			Amount Spent	% of achievement against Release	% of achievement against Revised Budget Outlay
		State Share	Central Share	Total	State Share	Central Share	Total			
vi	Integrated Development of Wildlife Habitats - Protection of wildlife outside Protected Areas. (2406-02-110-52) (01)	-	600.00	600.000	-	102.551	102.551	102.551	100.00	17.09
	Integrated Development of Wildlife Habitats - Protection of wildlife outside Protected Areas. (2406-02-110-52) (02)	400.000	-	400.000	62.534	-	62.534	62.534	100.00	15.63
	Sub Total	400.000	600.000	1000.000	62.534	102.551	165.085	165.085	100.00	16.51
	Subtotal of Nature Resources & Ecosystems	1373.550	1892.000	3265.550	614.852	715.707	1330.559	1199.559	90.15	36.73
	SUB TOTAL (B)	4089.980	5966.640	10056.620	1940.359	2560.998	4501.357	4370.320	97.09	43.46
C	SCHEMES HAVING 75:25 SHARES BETWEEN CENTRE AND STATE									
1	Minimum Support Price For Minor Forest Produce 2406-01-105-89 (01)	-	300.000	300.000	-	-	-	-	-	-
	Minimum Support Price For Minor Forest Produce 2406-01-105-89 (02)	100.000	-	100.000	-	-	-	-	-	-
	SUB TOTAL (C)	100.000	300.000	400.000	-	-	-	-	-	-
	GRAND TOTAL (A+B+C)	24256.980	6266.640	30523.620	18558.724	2560.995	21119.719	18840.836	89.21	61.73

Non-Plan Schemes

An expenditure of ₹ 51947.038 lakh was incurred against the budget provision of ₹ 54802.180 lakh during 2023-24. Details on budget head-wise allotment and expenditure are shown below.

Table 8.5
Financial progress report for the year 2023-24 (Non-plan schemes)

Sl No.	Scheme & Head of Account	2023-24 (Rs. in Lakhs)	
		Outlay	Expenditure
I Direction & Administration (2406-01-001)			
1	Office of the Chief Conservator of Forests (2406-01-001-99)	2481.120	2479.751
2	Office of the Conservator of Forests (2406-01-001-98) Circle Office	988.760	967.665
3	Working Plan & Research Circle (2406-01-001-97)	94.060	77.628
4	Vigilance & Evaluation Wing (2406-01-001-96)	2110.130	2129.912
5	District Offices (2406-01-001-95)	16549.600	16061.905
6	Statistical Cell (2406-01-001-94)	8.670	9.451
7	Timber Sales Division (2406-01-001-93)	865.840	848.094
8	(2406-01-001-91)	60.350	65.524
9	(2406-01-001-90)	355.380	238.253
Sub Total		23513.910	22878.183
II Education & Training (2406-01-003)			
1	Education and Training (2406-01-003-99)	470.330	214.051
Sub Total		470.330	214.051
III Forest Research (2406-01-004)			
1	Forest Research & Training (2406-01-004-99)	94.950	92.521
2	Payment out of the KFDF for Forest Research (2406-01-004-95)	517.120	129.423
Sub Total		612.070	221.944
IV Survey and Utilization of Forest Resources (2406-01-005)			
1	Forest Resources Survey (2406-01-005-99)	62.380	55.181
2	Survey of Forest Boundaries (2406-01-005-98)	302.760	263.616
3	(2406-01-005-97)	12.730	0
Sub Total		377.870	318.797
V Statistics (2406-01-013)			
1	Planning & Statistical Cell (2406-01-013-99)	220.420	230.365
Sub Total		220.420	230.365
VI Transportation & Buildings (2406-01-070)			
1	Roads & Bridges (2406-01-070-99)	38.000	23.680
2	Buildings (2406-01-070-98)	71.350	43.014
Sub Total		109.350	66.694

Sl No.	Scheme & Head of Account	2023-24 (Rs. in Lakhs)	
		Outlay	Expenditure
VII Forest Conservation Development & Regeneration (2406-01-101)			
1	Forest Consolidation & Acquisition of Private Forests (2406-01-101-99)	5161.630	5579.269
2	Working Plans, Evaluation Survey, etc. (2406-01-101-98)	1.800	1.099
3	Silvicultural Works (2406-01-101-97)	8.000	5.200
4	Fire Protection Work (2406-01-101-96)	11.080	10.476
5	Compensatory Afforestation (2406-01-101-92)	5.000	3.175
6	Amount met out of KFDF for Planting Softwood Trees (2406-01-101-91)	775.670	682.959
7	Transfer to the fund for TEAK under the Kerala Forest Revolving Fund for Teak and Pulpwood Rules,1999 (2406-01-101-90)-Teak	1065.530	690.092
8	Transfer to the fund for PULPWOOD under the Kerala Forest Revolving Fund for Teak and Pulpwood Rules,1999 (2406-01-101-89)pulpwood	1.270	0.825
9	Forest Protection (2406-01-101-81)	6105.330	6344.349
Sub Total		13135.310	13317.443
VIII Social & Farm Forestry (2406-01-102)			
1	Plantation of fast growing species (2406-01-102-99)	420.870	432.597
2	Ecology Development World Bank Assisted Social Forestry (2406-01-102-98)	3409.070	3364.439
3	Ecology Development World Bank Assisted Social Forestry, Phase-II (2406-01-102-92)	143.350	175.535
Sub Total		3973.290	3972.571
IX Forest Produce (2406-01-105)			
1	Timber & Other Produce removed by Govt. Agencies (2406-01-105-99)	3600.000	2296.058
2	Firewood & Charcoal removed by Govt. Agencies (2406-01-105-98)	1.500	0.128
3	Other Produce removed by Govt. Agencies (2406-01-105-97)	0.080	0.000
4	Timber & Other Produce removed by Consumer (2406-01-105-96)	0.050	0.000
5	Confiscated Forest Produce, Drift wood, etc. (2406-01-105-95)	0.500	0.099
6	Livestock (2406-01-105-94)	948.540	805.267

Sl No.	Scheme & Head of Account	2023-24 (Rs. in Lakhs)	
		Outlay	Expenditure
7	Miscellaneous Advance Suspense (2406-01-105-93)	0.010	0.000
8	Teakwood (2406-01-105-92)	1501.070	1468.974
9	Softwood (2406-01-105-91)	118.990	112.627
Sub Total		6170.740	4683.153
X Other Expenditure (2406-01-800)			
1	Relief to Victims Affected by the Attack of Wild Animals (2406-01-800-92)	1370.000	1361.355
2	Rewards to Informants of forest offences (2406-01-800-91)	0.450	0.400
Sub Total		1370.450	1361.755
XI Wildlife Preservation (2406-02-110)			
1	Wildlife Preservation (2406-02-110-99)	3082.190	2895.903
2	Periyar Tiger Reserve Project (2406-02-110-93)	351.000	336.175
3	Eco-Development Global Environmental Facilities (2406-02-110-69)	106.780	110.390
4	Conservation of Bio-diversity (2406-02-110-68)	689.930	768.439
Sub Total		4229.900	4110.907
XII LAC ADS (4406-01-101)			
1	Projects under Legislative Assembly Constituency Asset Development Scheme (4406-01-101-97)	118.520	98.302
Sub Total		118.520	98.302
XIII EFL (4406-01-102)			
1	Acquisition Charges of land notified as EFL under the Kerala Forest (Vesting & Management of EFL) Act 2003(4406-01-102-96)	0.010	0.000
Sub Total		0.010	0.000
XIV State Authority (Compensatory Afforestation) (2406-04-103-99)			
Sub Total		500.010	472.873
GRAND TOTAL		54802.180	51947.038

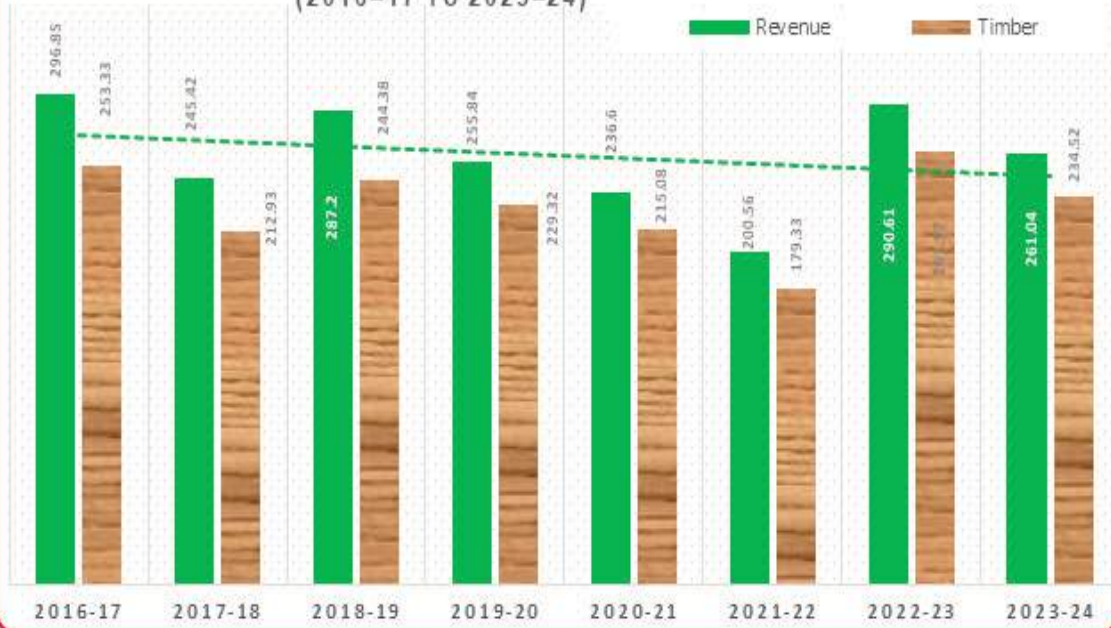
8.3 Revenue

The Forest Department significantly contributes to the non-tax revenue of the State, primarily through the sale of timber and other forest produce. In 2023-24, the revenue from the forestry sector amounted to ₹ 261.04 crore, with a major portion coming from timber sales. Specifically, revenue from timber sales alone totaled ₹ 234.52 crore, accounting for 89.84% of the total forest revenue.

Table 8.6
Revenue from timber and other forest produce during the last 3 years

Sl No.	Head of Account	2021-22 Rs in lakhs	2022-23 Rs in lakhs	2023-24 Rs in lakhs
0406-01-101 Sale of Timber and other Forest produce.				
1	99 Timber	17932.50	26197.48	23451.50
2	98 Firewood and Charcoal	85.85	70.60	33.81
3	97 Receipts from sale of forest produce coming under the Kerala private forest (Vesting and Assignment) Act.	0.02	-1.91	0.00
4	96 Receipts from Forest Development Tax	1027.07	1356.15	1216.19
5	95 Receipts under Kerala Forest Produce	12.79	66.19	49.62
6	94 Other Items	99.49	93.39	87.31
Total (101)		19157.72	27781.90	24838.43
0406-01-800 Other Receipts				
1	99 Interests on Arrear of Forest Revenue	61.71	84.53	75.48
2	98 Receipts from Wildlife Department	87.18	233.09	267.33
3	97 Scheme for Provision of House Sites and houses to Landless Worker in Rural Area - Free Supply of Timber	0.00	0.00	0.00
4	96 Revenue Realised from the KFDC on the sale proceeds of residual growth	0.04	0.3	0.40
5	95 Other Items	660.22	856.70	833.84
6	94 Livestock	0.06	0.33	0.0
7	91 Receipts on account of Lapsed and Confiscated Deposits	0.30	3.87	0.50
8	90 Forest Land Lease rent	88.61	96.11	192.19
9	89, Receipts from AranyamMasika		4.05	0.73
Total (800)		898.12	1278.71	1370.47
Grand Total		20055.84	29060.61	26208.9
Refunds (0406-01-900-00)		0.00	0.00	104.487
Net Revenue		20055.84	29060.61	26104.41

**Graph 8.1 Trend Analysis of Total Revenue & Timber Revenue
(2016-17 To 2023-24)**



Chapter - IX

SPECIAL SCHEMES

9.1. Navakiranam-Voluntary relocation programme of the state government

Navakiranam project of the Kerala Forest Department is one of the prime projects of the state government under the Rebuild Kerala Initiative and KIIFB launched on November 14, 2019. Navakiranam empowers voluntary relocation of non-tribal families residing within forests. The project addresses key challenges such as human-wildlife conflict, natural disasters, and limited access to amenities. Details for the year 2023-24 is given below

Table 9.1

Navakiranam Voluntary Relocation Programme: Financial and Physical Progress

Name of Scheme	Year	Amount (Rs. In Crore)	Family units relocated (Nos)	Area involved (Ha)
RKDP	2023-24	35.325	235.500	43.7945
KIIFB	2023-24	6.825	45.500	12.3125
Total		42.15	281	56.107

The scheme helps in the voluntary relocation of families located inside and around forests to mitigate human wildlife conflict, recurring natural disaster and poor reach of developmental programmes. Under the scheme, an amount of ₹15 lakhs is provided to an eligible family. As on 31.03.2024, 782 families have benefitted under the program and an amount of ₹ 96.675 crore has been utilized. As a result 155.5006 ha occupied land has been consolidated for conservation. Details as on 31.03.2024 is given below.

Scheme	Units	Area (Ha)	Amount (Rs. In Crores)
RKDP	483.5000	68.0168	72.525
KIIFB	161.0000	36.6137	24.150
Total	644.5000	104.6305	96.675
Units yet to be given second instalment (RKDP&KIIFB)	137.5000	50.8701	-
Grand total	782.0000	155.5006	96.675

9.2. Voluntary relocation programme of Government of India

The voluntary relocation process in Wayanad Wildlife Sanctuary began in 2012, with approval from the MoEF& CC for a project cost of ₹ 80 crore to relocate 800 eligible families from 14 settlements within the sanctuary. The Government of India initiated funding for the project in 2011-12, providing ₹10 lakh as compensation for each eligible family.

Government of India had approved ₹ 3,690.00 lakhs under Centrally Sponsored Scheme – Integrated Development of Wildlife Habitats – Wayanad Wildlife Sanctuary – Voluntary Relocation of 246 eligible families during Financial Year 2023-24 in Kerala and released ₹ 553.50 lakhs (25% of central share) as the first instalment of the Central Share. Of this, a total of ₹ 922.50 lakhs (Central Share ₹ 553.50 lakhs + State Share ₹ 369.00 lakhs) was distributed to Wayanad District Collector as first instalment under BH: 2406-02-110-31-Integrated Development of Wildlife Habitats to Wayanad Wildlife Sanctuary for Voluntary Relocation of Settlements from Protected Areas. As per Utilization Certificate dated 04-07-2024 of District Collector, Wayanad the amount of ₹ 922.50 lakhs utilized fully for the FY 2023-24.

Chapter – X

OTHER MAJOR EVENTS AND ACHIEVEMENTS

10.1. State Forest Sports Meet

The 28th State Forest Sports Meet, held from November 15 to November 17, 2023, at the Municipal Stadium in Pala, Kottayam, was inaugurated by the Minister of Forests and Wildlife on 16th November 2023. The Eastern Circle emerged victorious, retaining the crown with an impressive medal tally of 152, including 55 gold, 54 silver, and 43 bronze medals. The Northern Circle secured the first runner-up position with 135 medals, comprising 40 gold, 31 silver, and 33 bronze. The Northern Circle secured the second runner-up position with 122 medals, comprising 40 gold, 31 silver, and 51 bronze. The Southern circle secured the second runner-up position with 113 medals comprising 52 gold, 32 silver, and 29 bronze.



10.2 Awards for Meritorious Service

The Kerala Chief Minister's Forest Medal Rules 2001 were amended in the year 2023 with Kerala Chief Minister's Forest Medal Rules 2023 (G.O.(MS) No. 28/2023/F&WLD dated 18-12-2023). The number of forest medals were increased from 20 to 26.

In 2023, 25 officers from various cadres within the department were honored with the Chief Minister's Forest Medal for their outstanding services as follows.

Table 10.1
Winners of Chief Minister's Forest Medal

Sl.No.	Name	Designation	Name of Office
1	Sri. Nithin Lal	Range Forest Officer	Chinnar Wildlife Sanctuary, Munnar Wildlife Division, High Range Circle, Kottayam
2	Sri. Manoj K.	Deputy Range Forest Officer	Mannarkad Range, Mannarkad Division, Eastern Circle, Palakkad
3	Sri. Sreekumar P.S	Section Forest Officer	Social Forestry Range Alappuzha, Social Forestry Division, Alappuzha, Southern Circle, Kollam
4	Sri. Muthukumar K.S	Section Forest Officer	Munnar Wildlife Sanctuary, Munnar Wildlife Division, High Range Circle, Kottayam
5	Sri. Rejimon P.R	Section Forest Officer	Kodanad Range, Malayattoor Division, Central Circle, Thrissur
6	Sri. N. Panchan	Section Forest Officer	Social Forestry Range, Agali, Social Forestry Division, Palakkad, Eastern Circle, Palakkad
7	Sri. Ratheesh Kumar K.K	Section Forest Officer	Begur Range, North Wayanad Division, Northern Circle, Kannur
8	Sri. Biju L.T	Beat Forest Officer	Aryankavu Range, Thenmala Division, Southern Circle, Kollam
9	Smt. Vidyakumari R	Beat Forest Officer	Ranni Range, Ranni Division, Southern Circle, Kollam
10	Sri. Johnson P	Beat Forest Officer	Devikulam Range, Munnar Division, High Range Circle, Kottayam
11	Sri. Sreeraj Krishna	Beat Forest Officer	Erumeli Range, Kottayam Division, High Range Circle, Kottayam
12	Smt. Praseedha E.P	Beat Forest Officer	Vellikulangara Range, Chalakudy Division, Central Circle, Thrissur
13	Sri. Ajeesh M.M	Beat Forest Officer	PeechiVazhani Wildlife Sanctuary, Peechi Wildlife Division, Central Circle, Thrissur
14	Sri. Unnikrishnan V.	Beat Forest Officer	Flying Squad Range Nelliampathy, Flying Squad Division, Palakkad, Eastern Circle, Palakkad
15	Sri. Deepak K.	Beat Forest Officer	Walayar Range, Palakkad Division, Eastern Circle, Palakkad
16	Sri. Rahul R.K.	Beat Forest Officer	Kanhangad Range, Kasargod Division, Northern Circle, Kannur
17	Smt. Deepthy S.	Beat Forest Officer	Meppadi Range, South Wayanad Division, Northern Circle, Kannur

Sl.No.	Name	Designation	Name of Office
18	Sri. Nidhin A.S.	Beat Forest Officer	Ranni Range, Ranni Division, Southern Circle, Kollam
19	Sri. Jojimon P.R	Beat Forest Officer	Thekkady Range, Periyar East Division, High Range Circle Kottayam
20	Sri. Gopi K.	Beat Forest Officer	Kollenkode Range, Nenmara Division, Eastern Circle, Palakkad
21	Sri. AkhilSooryadas	Beat Forest Officer	Chethalath Range, South Wayanad Division, Northern Circle, Kannur
22	Sri. A.K. Jayan	Forest Driver Selection Grade I	Social Forestry Division Malappuram, Eastern Circle, Palakkad
23	Smt. Sindhu M.	Forest Watcher (SR)	Konni Range, Konni Division, Southern Circle, Kollam
24	Smt. Seetha S.	Forest Watcher (SR)	Kanthalloor Range, Marayur Division, High Range Circle, Kottayam
25	Sri. Shanmukhan K.	Forest Watcher	Bhavani Range, Silent Valley Division, Eastern Circle, Palakkad

10.3. Major Achievements during 2023-24

1. Human-wildlife conflict declared a State-Specific Disaster in March 2024

The Government of Kerala has undertaken several initiatives to mitigate Human-Wildlife Conflict. Recently, Human-Wildlife Conflict has been declared a *State-Specific Disaster* as per G.O. (MS.) No. 4/2024/DMD dated 07/03/2024.

- * Two committees have been constituted to plan and monitor mitigation measures — a Ministerial-level Committee chaired by the Hon'ble Chief Minister and a State-level Committee of Officials chaired by the Chief Secretary. These committees are responsible for formulating effective strategies, reviewing progress at regular intervals, and providing necessary guidance.
- * As per the directions of these committees, a control room with adequate communication facilities, similar to the disaster management monitoring system at the Secretariat, is to be established under the supervision of the Chief Wildlife Warden at the Forest Department headquarters. Accordingly, the control room currently functioning under the Thiruvananthapuram Flying Squad Division has been designated to operate as a 24x7 State Control Room for managing Human-Wildlife Conflict in the State, vide G.O. (Rt.) No. 128/2024/F&WLD dated 12/03/2024.
- * Further, the State Forest Emergency Operation Centre (SFEOC), functioning round the clock at the Forest Headquarters, and the Divisional Forest Emergency Operation Centres (DFEOCs) established in 36 Forest Divisions, have commenced operations to support and coordinate efforts to mitigate Human-Wildlife Conflict across the State.

2. Periyar Tiger Reserve retained the top rank in India in Management Effectiveness

Periyar Tiger Reserve has once again proven its leadership in conservation efforts by retaining its position as the best-managed Tiger Reserve in the country. Management Effectiveness Evaluation

(MEE), a comprehensive assessment conducted among 51 Tiger Reserves in India, ranked PTR as first in its 5th Cycle of assessment. Periyar Tiger Reserve, a beacon of global conservation, was approved with the Conservation Assured | Tiger Standards (CA|TS) accreditation by the worldwide coalition of Tiger Range Countries.



This recognition underscores our commitment to effective tiger conservation. Shri. Pramod P P IFS the CCF (Wildlife) & Field Director of Periyar Tiger Reserve received the recognition from the Hon'ble Union Minister of State for Environment, Forest & Climate Change, Shri. Aswini Kumar Choubey, during the Global Tiger Day Celebrations, held at Corbett Tiger Reserve, Uttarakhand, on the 29th of July and made Tiger Day 2023 a proud moment for Team Periyar.

3. The grit of Periyar's human resources has received recognition again

Our frontline staff, the backbone of our conservation efforts, has been recognised by NTCA for their extraordinary performance in the field. This year, Shri. K R Sekhar, Forest Watcher, Periyar Tiger Reserve was honoured with the award comprising of a citation and a cash prize worth 1.00 lakh by the Hon'ble Union Minister of State for Environment, Forest & Climate Change, Shri. Aswini Kumar Choubey, during the Global Tiger Day Celebrations, held at Corbett Tiger Reserve, Uttarakhand, on 29th of July.

4. Clidemiahirta - Uprooting action at Thekkady Range

Lantana camara is an obnoxious weed that proliferates at a higher rate. It poses a threat to the native species and risks the reduction of fodder availability for herbivores. As a part of Habitat Management activity, an invasive species (Lantana) was removed from the Periyar Tiger Reserve. This will assist in improving the quality of the habitat and thereby reduce the impact of weeds on native vegetation

5. Ayyan Android App for Pilgrims

An Android application was developed to facilitate pilgrims during the Sabarimala Pilgrimage. The app contains details of drinking water facilities, medical facilities, accommodation, routes, emergency contact numbers, and messages about human-wildlife conflict. Twenty lakhs of pilgrims downloaded and used this app during the pilgrimage season.

6. Award for Second best organic Tribal Hamlet of State Government to Vanchivayal Tribal community of PTR

Vanchivayal tribal hamlet, which bagged the second position in the State Agricultural Awards, 2022 in the category of tribal hamlets practicing organic farming, received the award on August 17th, 2023, Farmers' Day, from the Hon'ble Minister for General Education and Labour, Kerala. The tribal Hamlet received the same award earlier, in 2017 too. The Vanchivayal settlement in Vallakkadavu Range of Periyar Tiger Reserve presently has about 264 individuals of Urali tribes as members in 74 families. Organic Pepper cultivation is one of the major livelihoods of Urali tribes of Periyar Tiger Reserve (PTR). They also cultivate pepper, ginger, coffee, and turmeric through organic farming. From 2008 onwards organic pepper has been exported to Germany through the Vanchivayal Eco-development Committee. The award for second best tribal hamlet comprised a memento, Certificate of Appreciation and a cash prize of 2.00 lakhs, which was used for community development.

7. TRIFED Artisan Empanelment Mela at PTR

Empowerment of the tribes is one of the primary goals of the Periyar Tiger Reserve, and PA management has succeeded immensely in this area. Apart from extending support to the livelihood, PTR is always at the forefront to preserve and showcase tribal knowledge and skills. PTR provided a platform to showcase the crafts and value-added products in the TRIFED Artisan Empanelment Mela on 05-08-2023.

8. Research Publications

GIS CELL of Periyar Tiger Conservation Foundation published a research paper titled "Carbon Stock Assessment and Prediction in Periyar Tiger Reserve, India using Markov Chain and Invest Model" in Indian Journal of Ecology with an impact factor of 0.43 and a NASS rating of 5.79 in the Web of Science indexed. The study shows that carbon content in the PTR region has decreased from the year 2001-2022 and stands to decrease further from 2022 to the predicted year 2043. The carbon sequestration results show that the change in carbon from the year 2001- 2022 was 1.625 Teragram. So, in order to avoid this carbon getting lost into the atmosphere in the near future and experience its worst effects, we must plan for its sequestration.

9. State Award for the best Organic Farming Tribal Colony

Pooppara, a tribal colony situated inside the Parambikulam Tiger Reserve won first price for the best organic farming tribal colony by Kerala government. Pooppara is renowned for the spice's cultivation especially Pepper. Eco Development Committee of Pooppara, PaTCof& agricultural department facilitated pooppara to get this achievement. Cardamon, Areca nut are the other major organic products of Pooppara

10 Snehahastham Medical Care Program

SFDA launched the Snehahastham Programme to provide high-quality medical care to the tribal communities in interior forest areas. The program which was launched by the Hon'ble Forest Minister in the presence of Hon'ble Minister for ST Development Department on 31/01/2024 is being implemented in collaboration with the Department of Health Services, Scheduled Tribes Development Department and Indian Medical Association (Kerala Chapter). So far, the Snehahastham project has successfully delivered healthcare services to 4572 individuals in 179 tribal villages.



The camps provide a range of free medical services, including general medicine, general surgery, orthopedics, OBG, dermatology, ophthalmology, cancer screening, ENT, pulmonology, and psychiatry, directly to tribal villages. Eminent medical professionals volunteer their services, conducting diagnoses and providing treatment. Additionally, awareness programs on hygiene, sanitation, and disease prevention are also provided as part of the initiative.

Annexure-I Range-wise forest area

Sl. No.	Range	Area (km ²)	Sl. No.	Range	Area (km ²)
1	Kulathupuzha	223.274	29	Erumely	164.999
2	Palode	107.838	30	Ayyappankovil	89.278
3	Paruthippally	41.382	31	Nagarampara	143.800
Thiruvananthapuram Division Total		372.494	32	Kumily	265.619
4	Aryankavu	74.760	Kottayam division Total		663.696
5	Thenmala	74.220	High Range Circle Total		1913.165
Thenmala Division Total		148.980	33	Charpa	59.975
6	Achenkovil	90.286	34	Vazhachal	90.643
7	Kallar	78.989	35	Sholayar	78.350
8	Kanayar	116.594	36	Kolathirimedu	29.348
Achenkovil Division Total		285.869	37	Athirappilly	95.098
9	Ranni	136.295	Vazhachal Division Total		353.414
10	Goodrikkal	505.967	38	Pariyaram	115.383
11	Vadasserikkara	268.860	39	Palappilly	47.327
Ranni Division Total		911.122	40	Vellikulangara	45.301
12	Anchal	142.509	Chalakkudy Division Total		208.011
13	Pathanapuram	132.003	41	Kalady	66.337
Punalur Division Total		274.512	42	Kodanad	56.112
14	Konni	62.805	43	Thundathil	131.400
15	Naduvathamoozhi	138.936	44	Kuttampuzha	187.040
16	Mannarappara	129.914	45	Edamalayar	170.070
Konni Division Total		331.655	Malayattoor Division Total		610.959
Southern Circle Total		2324.632	46	Vadakkancherry	56.964
17	Thodupuzha	219.675	47	Pattikkad	82.552
18	Kothamangalam	12.176	48	Machad	73.625
19	Kaliyar	49.080	Thrissur Division Total		213.141
20	Mullaringad	37.380	Central Circle Total		1385.524
Kothamangalam Division Total		318.311	49	Attappady	171.525
21	Munnar	136.361	50	Agali	131.876
22	Devikulam	362.306	51	Mannarkkad	127.908
23	Adimaly	174.474	Mannarkkad Division Total		431.309
24	Neriyamangalam	102.740	52	Nilambur	125.410
Munnar Division Total		775.881	53	Edavanna	136.691
25	Marayoor	42.561	54	Vazhikkadavu	177.914
26	Kanthalloor	22.659	Nilambur (N) Division Total		440.015
Marayoor Division Total		65.220	55	Kalikavu	61.382
27	Mankulam	51.877	56	Karulai	265.608
28	Anakulam	38.180	Nilambur (S) Division Total		326.990
Mankulam Division Total		90.057			

Sl. No.	Range	Area (km ²)	Sl. No.	Range	Area (km ²)
57	Olavakkode	81.369	84	Pampa	66.930
58	Walayar	144.397	85	Azhutha	149.070
59	Ottappalam	37.476	Periyar West Division Total		216.000
Palakkad Division Total		263.242	86	Eravikulam National Park	97.000
60	Nelliampathy	210.724	87	Chinnar Wildlife Sanctuary	90.442
61	Kollamkode	69.854	88	Anamudy Shola NP	7.500
62	Alathur	80.361	89	Mathikettan Shola NP	12.817
Nenmara Division Total		360.938	90	Pampadum Shola NP	1.318
Eastern Circle Total		1822.495	91	Kurinjimala Sanctuary	32.000
63	Peruvannamoozhi	151.469	Munnar WL Division Total		241.077
64	Kuttiady	40.518	92	Idukki	105.364
65	Thamarassery	119.669	93	Thattekkad	25.160
Kozhikkode Division Total		311.656	Idukki WL Division Total		130.524
66	Begoor	106.128	Field Director (Periyar TR) Circle Total		1297.276
67	Periya	89.820	94	Sunkom	98.620
68	Mananthavady	27.875	95	Parambikulam	102.03
Wayanad North Division Total		223.823	96	Orukomban	75.26
69	Kalpatta	102.887	97	Karimala	100.990
70	Meppady	116.464	Parambikulam Division Total		376.900
71	Chethalayam (Chedleth)	75.876	98	Tholpetty	77.760
Wayanad South Division Total		295.227	99	Kurichiat	106.503
72	Kannavam	84.130	100	Muthanga	74.293
73	Kottiyoor	51.850	101	Sulthanbathery	86.028
74	Thalipparamba	22.692	Wayanad WL Division Total		344.584
Kannur Division Total		158.672	102	Silentvalley NP	143.491
75	Kanjangad	60.860	103	Bhavani	94.000
76	Kasargod	61.931	Silent Valley Division Total		237.491
Kasargod Division Total		122.791	104	Peechi	125.000
Northern Circle Total		1112.169	105	Chimmini	114.597
77	Kottoor	30.980	106	Chulannur	3.420
78	Neyyar	128.000	107	Aralam	85.380
79	Peppara	53.000	Aralam Division Total		85.380
Thiruvananthapuram WL Division Total		211.980	Field Director (Parambikulam TR) Circle Total		1287.372
80	Shendurney	173.636	108	NSC, Kalady & Mangalavanam BS	6.253
Shendurney WL Division Total		173.636	NSC, Kalady Division Total		6.253
Agasthyavanam Biological Park Circle Total		385.616	SF Central Region		6.253
81	Periyar	376.000	109	Social Forestry, Alappuzha	1.748
82	Thekkady	99.000	Social Forestry, Alappuzha Division Total		1.748
83	Vallakkdavau	234.675	SF Southern Region Total		1.748
Periyar East Division Total		709.675	Grand Total		11536.251

Annexure-II**Name of Division/ Taluk/ Panchayat/ Village containing recorded forest area**

Sl No	Name of Division	Area (area in Km ²)	Name of the Taluk	Name of the Panchayat	Name of Village
1	Thiruvananthapuram	372.494	Punalur	Kulathupuzha	Kulathupuzha
			Kottarakkara	Chithara	Chithara
			Nedumangad	Vithura	Vithura
			Nedumangad	Nedumangad	Nedumangad
			Nedumangad	Aryanad	Aryanad
			Nedumangad	Uzhamalackal	Uzhamalackal
			Nedumangad	Tholicode	Tholicode
			Nedumangad	Nanniyode	Karippur
			Nedumangad	Kallara	Kallara
			Nedumangad	Nanniyode	Karumpuzha
			Nedumangad	Nanniyode	Palode
			Nedumangad	Panavoor	Panavoor
			Nedumangad	Pangode	Pangode
			Nedumangad	Nanniyode	Peringammala
			Nedumangad	Pullampara	Pullampara
			Nedumangad	Thennoor	Thennoor
			Varkala	Pallickal	Pallickal
			Varkala	Madavoor	Madavoor
2	Thenmala	148.980	Punalur	Thenmala	Thenmala
			Punalur	Thenmala	Edamon
			Punalur	Kulathupuzha	Kulathupuzha
			Punalur	Ariyankavu	Ariyankavu
3	Achenkovil	285.869	Punalur	Ariyankavu	Ariyankavu
			Konni	Aruvapalam	Aruvapalam
4	Punalur	274.512	Pathanapuram	Piravanthoor	Piravanthoor
			Punalur	Thenmala	Edamon
			Punalur	Thenmala	Thenmala
			Pathanapuram	Piravanthoor	Punnala
			Pathanapuram	Pathanapuram	Pathanapuram
			Punalur	Kulathupuzha	Thinkalkarkkom
			Kottarakkara	Chithara	Chithara
			Punalur	Kulathupuzha	Kulathupuzha
			Punalur	Alayamon	Alayamon
			Punalur	Alayamon	Channapetta
			Punalur	Punalur	Punalur
			Punalur	Karavaloar	Karavaloar
			Punalur	Anchal	Anchal
			Punalur	Eroor	Ayiranalloor

Sl No	Name of Division	Area (area in Km ²)	Name of the Taluk	Name of the Panchayat	Name of Village
	Punalur		Punalur	Eroor	Eroor
	cont...		Punalur	Aryankavu	Aryankavu
5	Konni	331.655	Konni	Aruvappalam	Aruvappalam
			Konni	Malayalapuzha	Malayalapuzha
			Konni	Thannithodu	Thannithodu
			Konni	Konni	Iravon, Konni
			Konni	Konni, Malayalapuzha, Thannithode	Konnithazham
			Konni	Kalanjoor	Koodal
6	Ranni	911.122	Ranni	Vadasserikkara	Vadasserikkara
			Ranni	Thannithodu	Thannithodu
			Ranni	Ranni Angadi	Ranni Angadi
			Ranni	Ranni-Perunad, Naranamoozhy	Kollamula
			Malappally	Kottangal	Kottangal
			Ranni	Ranni, Pazhavangadi, Vechuchira	Chethakal
			Malappally	Kottanadu	Perumpatty
			Ranni	Naranamoozhy	Athikayam
			Ranni	Ranni	Ranni
			Ranni	Ranni-Perunad	Perunad
			Ranni	Naranamoozhy, Ranni -Pazhavangadi	Ranni- Pazhavangadi
			Ranni	Chittar, Ranni	Chittar
			Ranni	Seethathodu, Ranni	Seethathodu
7	Kottayam	663.696	Idukki	Kanchiyar	Kanchiyar
			Idukki	Ayyappancoil	Ayyappancoil
			Idukki	Vazhathoppu	Idukki
			Idukki	Idukki, Kanjikuzhy	Kanjikuzhy
			Kanjirappally	Koruthodu, Mundakkayam	Erumely (N)
			Kanjirappally	Erumely	Erumely (S)
			Kanjirappally	Koruthodu	Koruthodu
			Kanjirappally	Manimala	Manimala
			Kanjirappally	Koottikkal	Koottikkal
			Kottayam	Arppukkara	Perumbaikkad
			Meenachil	Kidangoor	Kidangoor
			Peerumedu	Upputhara	Upputhara
			Peerumedu	Elappara, Peermed, Vandiperiyar	Elappara
			Peerumedu	Elappara	Vagamon
			Peerumedu	Kokkayar	Kokkayar

Sl No	Name of Division	Area (area in Km ²)	Name of the Taluk	Name of the Panchayat	Name of Village
	Kottayam cont...		Peerumedu	Peermed,Vandiperiyar	Manchumala
			Peerumedu	Kumily, Peruvanthanam	Mlappara
			Peerumedu	Peerumed,Vandiperiyar	Peerumedu
			Peerumedu	Peruvanthanam	Peruvanthanam
			Thodupuzha	Arakkulam	Arakkulam
			Vaikom	Velloor	Velloor
8	Kothamangalam	318.311	Kothamangalam	Kothamangalam	Kothamangalam
			Kothamangalam	Eramalloor	Ezhupunna
			Kothamangalam	Pindimana	Pindimana
			Kothamangalam	Keerampara	Keerampara
			Kothamangalam	Pallarimangalam	Kuttamangalam
			Kothamangalam	Neryamangalam,Kav-alangad	Neryamangalam
			Kothamangalam	Pindimana	Thrikkariyoor
			Kothamangalam	Paingotoor	Kadavoor
			Kunnathunad	Asamannoor	Asamannoor
			Kunnathunad	Rayamangalam	Perumbavoor
			Kunnathunad	Rayamangalam	Rayamangalam
			Kunnathunad	Aikkaranadu, Poothrikka	Aikkaranaadu (s)
			Kunnathunad	Vadavukode, Puthenkuriz	Puthenkuriz
			Kunnathunad	Thiruvaniyoor	Thiruvaniyoor
			Kunnathunad	Vadavukod, Puthenkuriz	Vadavukod
			Kanayannoor	Amballoor	Amballoor
			Kanayannoor	Edakkattuvayal	Edakkattuvayal
			Kanayannoor	Mulamthuruthi	Mulamthuruthi
			Muvattupuzha	Arakkuzha	Arakuzha
			Muvattupuzha	Elanji	Elanji
			Muvattupuzha	Koothattukulam	Koothattukulam
			Muvattupuzha	Maneed	Maneed
			Muvattupuzha	Manjalloor	Manjalloor
			Muvattupuzha	Maradi	Maradi
			Muvattupuzha	Ramamangalam	Memuri
			Muvattupuzha	Payipra	Mulavoor
			Muvattupuzha	Avoli	Muvattupuzha
			Muvattupuzha	Pambakkuda	Onakkoor
			Muvattupuzha	Palakkuzha	Palakkuzha
			Muvattupuzha	Piravom	Piravom

Sl No	Name of Division	Area (area in Km ²)	Name of the Taluk	Name of the Panchayat	Name of Village
	Kothamangalam cont...		Muvattupuzha	Thirumaradi	Thirumaradi
			Muvattupuzha	Valakam	Valakam
			Muvattupuzha	Paipra	Vellorkkunnam
			Muvattupuzha	Pothanikkad	Pothanikkad
			Muvattupuzha	Ayavana	Enanalloor
			Muvattupuzha	Kaloorkadu	Kaloorkadu
			Thodupuzha	Arakkulam	Arakkulam
			Thodupuzha	Kudayathoor	Kudayathoor
			Thodupuzha	Velliyamattom, Kudayathur	Velliyamattom
			Thodupuzha	Alakkode	Alakkode
			Thodupuzha	Udumbanoor	Udumbanoor
			Thodupuzha	Alakkode	Karimannoor
			Thodupuzha	Edavetty	Karikkodu
			Thodupuzha	Muttom	Muttom
			Thodupuzha	Karimkunnam	Karimkunnam
			Thodupuzha	Purappuzha	Purappuzha
			Thodupuzha	Manakkad	Manakkad
			Thodupuzha	Kudayathoor	Elappally
			Thodupuzha	Kumaramangalam, Thodupuzha	Kumaramangalam
			Thodupuzha	Karimkunnam	Thodupuzha
			Thodupuzha	Kodikkulam	Kodikkulam
9	Munnar	775.881	Idukki	Idukki, Kanjikkuzhy	Kanjikkuzhi
			Idukki	Idukki	Vazhathope
			Devikulam	Pallivasal	Anaviratty
			Devikulam	Munnar, Devikulam	Kannan Devan Hills
			Devikulam	Munnar, Devikulam	Munnar
			Devikulam	Vellathooval	Vellathooval
			Devikulam	Pallivasal	Pallivasal
			Devikulam	Adimaly	Mannamkandam
			Devikulam	Vellathooval	Kunjithanny
			Udumbanchola	Chinnakanal	Chinnakanal
			Udumbanchola	Kanthippara	Kanthippara
			Udumbanchola	Santhanpara	Pooppara
			Udumbanchola	Byson Valley	Bison Valley
			Udumbanchola	Rajakkad	Rajakkad
			Udumbanchola	Rajakumari	Rajakumari
			Udumbanchola	Santhanpara	Santhanpara

Sl. No.	Name of Division	Area (area in Km ²)	Name of the Taluk	Name of the Panchayat	Name of Village
	Munnar cont....		Udumbanchola	Udumbanchola, Senapathy	Chathuranganpara
			Udumbanchola	Udumbanchola	Udumbanchola
			Idukki	Idukki, Kanjikuzhy	Kanjikuzhy
			Idukki	Konnathady	Konnathady
			Devikulam	Vattavada	Vattavada
			Kothamangalam	Kuttampuzha	Kuttampuzha
			Kothamangalam	Kavalangad	Neriamangalam
			Devikulam	Mankulam	Mankulam
10	Mankulam	90.057	Devikulam	Mankulam	Mankulam
11	Marayoor	65.220	Devikulam	Marayoor	Marayoor
			Devikulam	Kanthalloor	Kanthalloor
			Devikulam	Kanthalloor	Keezhanthoor
12	Vazhachal	353.414	Chalakkudy	Athirappilly	Athirappilly
			Aluva	Ayyampuzha	Ayyampuzha
			Aluva	Karukutty	Karukutty
13	Chalakkudy	208.011	Chalakkudy	Padinjare Chalakkudy	Padinjare Chalakkudy
			Chalakkudy	Kodassery	Kodassery
			Mukundapuram	Trikkur	Trikkur
			Mukundapuram	Trikkur	Kallur
			Chalakkudy	Varandarappilly	Varandarappilly
			Chalakkudy	Athirappilly	Pariyaram
			Chalakkudy	Athirappilly	Athirappilly
			Chalakkudy	Kodassery	Kuttichira
			Chalakkudy	Kodassery	Kodassery
			Chalakkudy	Mattathur	Vellikulangara
			Chalakkudy	Mattathur	Mattathur
			Chalakkudy	Kodakara	Kodakara
			Chalakkudy	Varandarappilly	Mupliyam
14	Malayatoor	610.959	Kunnathunadu	Marampilly	Marampilly
			Kunnathunadu	Mazhuvannur	Mazhuvannur
			Paravur	Eloor Municipality	Eloor
			Kunnathunad	Vengoor	Vengoor
			Kothamangalam	Kottappady	Kottappady
			Kothamangalam	Pindimana	Pindimana
			Kothamangalam	Kuttampuzha	Kuttampuzha
			Kunnathunad	Vengoor	Kombanad
			Aluva	Ayyampuzha	Ayyampuzha
			Aluva	Malayatoor - Neeleswaram	Malayatoor

Sl. No.	Name of Division	Area (area in Km ²)	Name of the Taluk	Name of the Panchayat	Name of Village
	Malayatoor cont...		Aluva	Kalady	Kalady
			Chalakkudy	Athirappilly	Athirappilly
15	Thrissur	213.141	Thrissur	Thrissur Municipality	Viyyur
			Thrissur	Madakkathara	Madakkakathara
			Thrissur	Madakkathara	Kurichikkara
			Thrissur	Panachery	Panachery
			Thrissur	Panachery	Peechi
			Thrissur	Puthur	Puthur
			Thrissur	Puthur	Mannamangalam
			Thrissur	Mulamkunnathukavu	Killanur
			Thrissur	Madakkakathara	Vellanikkara
			Thrissur	Nadathara	Mulayam
			Chavakkad	Ormanayoor	Ormanayoor
			Kunnamkulam	Velur	Velur
			Kunnamkulam	Velur	Thayyur
			Kunnamkulam	Velur	Kiralur
			Kunnamkulam	Erumappetty	Nelluvai
			Kunnamkulam	Velur	Kariyannur
			Kunnamkulam	Kadangode	Kadangode
			Kunnamkulam	Porkulam	Mangad
			Thalappilly	Thiruvilwamala	Kaniyarkkode
			Thalappilly	Pampady	Pampady
			Thalappilly	Thiruvillwamala	Thiruvillwamala
			Thalappilly	Pazhayannur	Elanad
			Thalappilly	Pazhayannur	Vennur
			Thalappilly	Pazhayannur	Vadakkethara
			Thalappilly	Pazhayannur	Pazhayannur
			Thalappilly	Kondazhy	Kondazhy
			Thalappilly	Kondazhy	Mayannur
			Thalappilly	Chelakkara	Chelakkara
			Thalappilly	Chelakkara	Thonnurkkara
			Thalappilly	Chelakkara	Pulakode
			Thalappilly	Chelakkara	Kurumala
			Thalappilly	Chelakkara	Pangarappilly
			Thalappilly	Wadakkanchery Municipality	Kumaranellur
			Thalappilly	Erumappetty	Kanjirakkode
			Thalappilly	Wadakkanchery Municipality	Wadakkanchery

Sl. No.	Name of Division	Area (area in Km ²)	Name of the Taluk	Name of the Panchayat	Name of Village
	Thrissur cont...		Thalappilly	Wadakkanchery Municipality	Parlikkad
			Thalappilly	Desamangalam	Desamangalam
			Thalappilly	Panjal	Panjal
			Thalappilly	Panjal	Paimkulam
			Thalappilly	Chelakkara	Venganellur
			Thalappilly	Panjal	Killimangalam
			Thalappilly	Vallathol Nagar	Cheruthuruthy
			Thalappilly	Vallathol Nagar	Nedumpura
			Thalappilly	Varavoor	Varavoor
			Thalappilly	Varavoor	Pilakode
			Thalappilly	Thekkumkara	Thekkumkara
			Thalappilly	Thekkumkara	Manalithara
			Thalappilly	Mullurkara	Mullurkara
			Thalappilly	Mullurkara	Attur
			Thalappilly	Wadakkanchery Municipality	Enkakkad
			Thalappilly	Thekkumkara	Karumathra
			Thalappilly	Thekkumkara	Viruppakka
			Thalappilly	Wadakkanchery Municipality	Mundathikkode
			Thalappilly	Wadakkanchery Municipality	Puthuruthy
			Thalappilly	Wadakkanchery Municipality	Minalur
			Thalappilly	Desamangalam	Arangottukara
			Thalappilly	Desamangalam	Thalassery
			Thalappilly	Varavoor	Thichoor
			Thalappilly	Erumapetty	Kottappuram
			Thalappilly	Erumapetty	Chittanda
			Thalappilly	Kondazhy	Chelakkode
16	Mannarkkad	431.309	Mannarkkad	Thachampara	Thachampara
			Mannarkkad	Karimba	Karimba-1
			Mannarkkad	Karimba	Karimba-2
			Mannarkkad	Alanallur	Alanallur-1
			Mannarkkad	Alanallur	Alanallur-2
			Mannarkkad	Alanallur	Alanallur-3
			Mannarkkad	Kottoppadam	Kottoppadam-1
			Mannarkkad	Kottoppadam	Kottoppadam-2
			Mannarkkad	Kottoppadam	Kottoppadam-3

Sl. No.	Name of Division	Area (area in Km ²)	Name of the Taluk	Name of the Panchayat	Name of Village
	Mannarkkad cont...		Mannarkkad	Thachanattukara	Thachanattukara1
			Mannarkkad	Thachanattukara	Thachanattukara2
			Mannarkkad	Karimba, Thachampara, Kanjirampuzha, Thenkara	Palakkyam
			Mannarkkad	Thenkara	Mannarkkad-1
			Mannarkkad	Thenkara	Mannarkkad-2
			Mannarkkad	Karakurussy	Karakurussy
			Attappady	Agali	Agali
			Attappady	Agali	Kallamala
			Attappady	Puthur	Puthur
			Attappady	Kottathara	Kottathara
			Attappady	Sholayur	Sholayur
17	Nilambur North	440.015	Nilambur	Karulai	Nilambur
			Nilambur	Chunkathara	Chunkathara
			Nilambur	Chaliyar	Kurumbalangode
			Nilambur	Pothukallu	Pothukallu
			Nilambur	Vazhikkadavu	Vazhikkadavu
			Nilambur	Chaliyar	Akampadam
			Nilambur	Chaliyar, Mambad	Pulippadam
			Nilambur	Edakkara	Edakkara
			Nilambur	Moothedam	Moothedam
			Eranad	Urangattiri	Urangattiri
			Eranad	Urangattiri	Vettilappara
			Eranad	Edavanna	Perakaamanna
			Eranad	Edavanna	Edavanna
			Thirurangadi	Kannamangalam	Kannamangalam
18	Nilambur South	326.990	Nilambur	Kurumbalangode	Moothedam
			Nilambur	Moothedam	Karulai
			Nilambur	Amarambalam	Amarambalam
			Nilambur	Chokkad	Chokkad
			Nilambur	Kalikkavu	Kalikkavu
			Perinthalmanna	Edapatta	Edapatta
			Perinthalmanna	Keezhattur	Keezhattur
			Perinthalmanna	Vettathur	Karyavattam
			Perinthalmanna	Vettathur, Perinthalmanna Municipality	Vettathur
			Perinthalmanna	Thazhekcode	Arakkuparamba
			Perinthalmanna	Thazhekcode	Thazhekcode
			Perinthalmanna	Mankada	Mankada

Sl. No.	Name of Division	Area (area in Km ²)	Name of the Taluk	Name of the Panchayat	Name of Village
19	Palakkad	263.242	Palakkad	Keralasseri	Keralasseri
			Palakkad	Kongad	Kongad 1
			Palakkad	Kongad	Kongad 2
			Palakkad	Mankara	Mankara
			Palakkad	Mannur	Mannur
			Palakkad	Mundur	Mundur 1
			Palakkad	Mundur	Mundur 2
			Palakkad	Parali	Parali 1
			Palakkad	Parali	Parali 2
			Palakkad	Pirayiri	Pirayiri
			Palakkad	Puthupariyaram	Puthupariyaram 1
			Palakkad	Puthupariyara	Puthupariyaram 2
			Palakkad	Akathethara, Malampuzha	Akathethara
			Palakkad	Elappully	Elappully 1
			Palakkad	Pudussery	Pudussery East
			Palakkad	Pdussery	PudusseryWest
			Palakkad	Pudussery	Pudussery Central
			Palakkad	Malampuzha	Malampuzha 1
			Palakkad	Malampuzha	Malampuzha 2
			Ottapalam	Ambalapara	Ambalapara 1
			Ottapalam	Ambalapara	Ambalapara 2
			Ottapalam	Anaganadi	Anaganadi
			Ottapalam	Chalavara, Ottappalam	Chalavara
			Ottapalam	Cherpulassery	Cherpulassery
			Ottapalam	Kadampuzhipuram	Kadampuzhipuram 1
			Ottapalam	Kadampuzhipuram	Kadampuzhipuram 2
			Ottapalam	Karimpuzha	Karimpuzha 2
			Ottapalam	Nellaya	Nellaya
			Ottapalam	Shornur Municipality	Shornur 1
			Ottapalam	Shornur Municipality	Shornur 2
			Ottapalam	Sreekrishnapuram	Sreekrishnapuram 1
			Ottapalam	Sreekrishnapuram	Sreekrishnapuram 2
			Ottapalam	Pookottukavu, Sreekrishnapuram	Pookottukavu
			Ottapalam	Thrikadeeri	Thrikadeeri 1
			Ottapalam	Vellenezhi	Vellenezhi
			Pattambi	Kulukkallur	Kulukkallur
			Pattambi	Nagalassery	Nagalassery
			Pattambi	Koppam	Koppam

Sl. No.	Name of Division	Area (area in Km ²)	Name of the Taluk	Name of the Panchayat	Name of Village
	Palakkad cont...		Pattambi	Ongallur	Ongallur 1
			Pattambi	Ongallur	Ongallur 2
			Pattambi	Ottappalam	Vallapuzha
20	Nenmara	360.938	Alathur	Kizhakkanchery	Kizhakkanchery 1
			Alathur	Kizhakkanchery	Kizhakkanchery 2
			Alathur	Vandazhi	Vandazhi 1
			Alathur	Vandazhi	Vandazhi 2
			Alathur	Vadakkanchery	Vadakkanchery 1
			Alathur	Vadakkanchery	Vadakkanchery 2
			Alathur	Kannambra	Kannambra 1
			Alathur	Kannambra	Kannambra 2
			Alathur	Puthukode	Puthukode
			Alathur	Alathur	Alathur
			Alathur	Melarcod	Melarcod
			Alathur	Kottayi	Kottayi 1
			Alathur	Kottayi	Kottayi 2
			Alathur	Mathur	Mathur 1
			Alathur	Mathur	Mathur 2
			Alathur	Erimayur	Erimayur 1
			Alathur	Erimayur	Erimayur 2
			Alathur	Kavassery	Kavassery 1
			Alathur	Kavassery	Kavassery 2
			Alathur	Kuzhalmannam	Kuzhalmannam 1
			Alathur	kuzhalmannam	Kuzhalmannam 2
			Alathur	Thenkurissi	Thenkurissi 1
			Alathur	Kuthannur	Kuthannur 1
			Alathur	Kuthannur	Kuthannur 2
			Alathur	Tarur	Tarur 1
			Alathur	Tarur	Tarur 2
			Alathur	Vandazhy	Mangalamdam
			Alathur	Peringottukurisi	Peringottukurisi 1
			Chittur	Peringottukurisi	Peringottukurisi 2
			Chittur	Muthalamada	Muthalamada 1
			Chittur	Muthalamada	Muthalamada 2
			Chittur	Nelliyampathy	Nelliyampathy
			Chittur	Kollengode	Kollengode 1
			Chittur	Kollengode	Kollengode 2
			Chittur	Pallassena	Pallassena
			Chittur	Koduvayur	Koduvayur 2
			Chittur	Nenmara	Nenmara

Sl. No.	Name of Division	Area (area in Km ²)	Name of the Taluk	Name of the Panchayat	Name of Village
	Nenmara cont...		Chittur	Nenmara	Vallanghy
			Chittur	Ayilur	Thiruvazhiyad
			Chittur	Ayilur	Kairady
			Chittur	Elavanchery	Elavanchery
			Chittur	Ayilur	Ayilur
21	Kozhikode	311.656	Kozhikode	Cheruvannur, Perambra	Cheruvannur
			Kozhikode	Kadalundi	Kadalundi
			Thirurangadi	Thiruvangadi	Vallikkunnu
			Kozhikode	Kappar	Kumaranallur
			Kozhikode	Kodiyuthur	Kodiyuthur
			Kozhikode	Thazhekcode	Thazhekcode
			Thamarassery	Thamarassery	Raroth
			Thamarassery	Thamarassery	Kedavur
			Thamarassery	Puthuppadi	Engapuzha
			Thamarassery	Puthuppadi	Puthuppadi
			Thamarassery	Koduvally	Kodanchery
			Thamarassery	Kodencherry	Nellipoyil
			Thamarassery	Thiruvampadi	Thiruvampadi
			Thamarassery	Koodaranji	Koodaranji
			Thamarassery	Panangod	Kanthalad
			Koyilandi	Koorachundu	Kayanna
			Koyilandi	Chakkittappara	Chakkittappara
			Vadakara	Chakkittappara	Chempanoda
			Vadakara	Kavilumpara	Kavilumpara
			Vadakara	Maruthonkara	Maruthonkara
			Vadakara	Naripetta	Thinoor
			Vadakara	Valayam	Valayam
			Vadakara	Chekkiaid	Chekkiaid
			Vadakara	Vanimeel	Vilangad
			Vadakara	Kayakkodi	Kayakkodi
			Koyilandi	Koorachundu	Koorachundu
			Thamarassery	Kattippara, Koduvally	Kattippara
22	Wayanad North	223.823	Mananthavady	Thodarnadu, Mananthavadi	Thodarnadu
			Mananthavady	Thavinjal	Velad
			Mananthavady	Thavinjal	Thavinjal
			Mananthavady	Thavinjal	Periya
			Mananthavady	Thirunelly	Thirunelly
			Mananthavady	Mananthavady	Mananthavady
			Mananthavady	Panamaram	Panamaram

Sl. No.	Name of Division	Area (area in Km ²)	Name of the Taluk	Name of the Panchayat	Name of Village
	Wayanad North cont...		Mananthavady	Vellamunda	Porunannur
			Mananthavady	Thodarnadu	Kanjirangad
			Mananthavady	Edavaka	Nallurnadu
			Mananthavady	Panamaram	Cheerukattoor
			Mananthavady	Panamaram	Anjukunnu
			Mananthavady	Mananthavadi	Payyampally
			Mananthavady	Thirunelly	Thrissilery
			Mananthavady	Vellamunda	Vellamunda
23	Wayanad South	295.227	SulthanBathery	Nenmeni	Nenmeni
			SulthanBathery	Ambalavayal	Thomattuchal
			SulthanBathery	Poothadi	Poothadi
			SulthanBathery	Mullankolli, Pulpally	Padichira
			SulthanBathery	Pulppally	Pulpally
			SulthanBathery	Poothadi	Irulam
			SulthanBathery	Meenangadi	Krishnagiri
			SulthanBathery	Meenangadi	Purakkady
			SulthanBathery	Kaniampetta, Poothadi, Panamaram, Pulpally	Nadavayal
			Vythiri	Kalpetta	Kalpetta
			Vythiri	Meppadi, Muppainadu	Kottappady
			Vythiri	Vythiri	Kunnathidavaka
			Vythiri	Vythiri	Chundel
			Vythiri	Muttil	Muttil South
			Vythiri	Muppainadu	Muppainadu
			Vythiri	Meppadi	Vellarimala
			Vythiri	Meppadi, Muppainadu	Thrikkaipetta
			Vythiri	Pozhuthana	Achooranam
			Vythiri	Pozhuthana	Padinjarathara
			Vythiri	Pozhuthana	Thariode
24	Kannur	158.672	Vythiri	Pozhuthana	Pozhuthana
			Mananthavady	Pozhuthana	Panamaram
			Thaliparamba	Pozhuthana	Naduvil
			Thaliparamba	Pozhuthana	Payyavoor
			Thaliparamba	Pozhuthana	Eruvassy
			Thaliparamba	Chaparapadavu	Thimiri
			Payyanur	Cherupuzha	Vayakkara
			Thalassery	Thalassery Municipality	Thalassery
			Thalassery	Thalassery Municipality	Thiruvangad
			Thalassery	Pinarayi	Pinarayi

Sl. No.	Name of Division	Area (area in Km ²)	Name of the Taluk	Name of the Panchayat	Name of Village
	Kannur cont...		Thalassery	Dharmadam	Dharmadam
			Thalassery	Eranjoli	Eranjoli
			Thalassery	Maloor	Tholambra
			Thalassery	Chittariparamba	Kannavam
			Thalassery	Chittariparamba	Mananthery
			Thalassery	Kolayad	Kolayad
			Thalassery	Pattiam	Cheruvanchery
			Thalassery	Thrippangottur	Thrippangottur
			Irtty	Peravoor	Vellarvally
			Irtty	Peravoor	Manathana
			Irtty	Kelakam	Kelakam
			Irtty	Kanichar	Kanichar
			Irtty	Kottiyoor	Kottiyoor
			Irtty	Kolari	Kolari
			Irtty	Aralam, Irtty	Aralam, Irtty
			Irtty	Ayyankunnu	Ayyankunnu
25	Kasargod	122.791	Vallarikundu	Balal	Maloth
			Vallarikundu	West Elery	Panathady
			Vallarikundu	West Elery	West Elery
			Vallarikundu	East Elery	Chittarikkal
			Vallarikundu	East Elery	Palavayal
			Vallarikundu	Balal	Balal
			Vallarikundu	Kallar	Kallar
			Vallarikundu	Balal, Kinanoor, Karindalam	Parappa
			Vallarikundu	West Elery	Bheemanadi
			Hosdurg	Cheruvathur	Cheruvathur
			Hosdurg	Cheruvathur	Thuruthi
			Hosdurg	Valiaparamba	South Thrikkarippoor
			Manjeswaram	Enmakaje	Enmakaje
			Kasaragod	Delampady	Delampady
			Kasaragod	Karadukka	Karadukka
			Kasaragod	Muliyar	Muliyar
			Kasaragod	Delampady	Adoor
			Kasaragod	Kuttikol	Bandadukka
26	Wildlife Division Thiruvananthapuram	211.980	Kattakada	Kuttichal	Mannoorkara
			Nedumangad	Aryanad	Aryanad
			Nedumangad	Vithura	Vithura
			Kattakada	Kallikkadu	Kallikkadu
			Kattakada	Vellarada	Amboori
			Kattakada	Kallikkad	Vazhichal

Sl. No.	Name of Division	Area (area in Km ²)	Name of the Taluk	Name of the Panchayat	Name of Village
27	Wildlife Division Shendurney	173.636	Punalur	Aryankavu	Aryankavu
			Punalur	Kulathupuzha	Kulathupuzha
			Punalur	Thenmala	Thenmala
28	Wildlife Division Munnar	241.077	Devikulam	Devikulam, Munnar	Kannan Devan Hill
			Devikulam	Munnar	Munnar
			Devikulam	Vattavada	Vattavada
			Devikulam	Vattavada	Kottakamboor
			Devikulam	Kanthalloor	Keezhanthoor
			Devikulam	Kanthalloor	Kanthalloor
			Devikulam	Marayoor	Marayoor
			Udumbanchola	Santhampara	Pooppara
29	Periyar East	709.675	Peerumede	Kumily	Kumily
			Peerumede	Kumily	Periyar
			Peerumede	Vandiperiyar	Manjumala
			Peerumede	Kumily, Peruvanthanam	Mlapara
30	Periyar West	216.000	Peerumede	Kumily, Peruvanthanam	Mlapara
			Peerumede	Peruvanthanam	Peruvanthanam
			Kanjirapally	Erumely	Erumely South
			Konni	Seethathodu, Ranni	Seethathodu
			Ranni	Perunad	Perunad
31	Idukki Wildlife Division	130.524	Peerumede	Elappara	Vagamon
			Peerumede	Upputhara, Kattappana	Upputhara
			Idukki	Ayyappancovil	Ayyappancovil
			Idukki	Kanchiyar	Kanchiyar
			Idukki	Vazhathoppe	Idukki
			Thodupuzha	Arakkulam	Arakkulam
			Kothamangalam	Kuttampuzha	Kuttampuzha
32	Parambikulam Tiger Reserve	376.900	Chittur	Muthalamada	Muthalamada 1
			Mukundapuram	Mattathoor	Mattathoor
			Mukundapuram	Pariyaram	Pariyaram
33	Wayanad Wildlife Division	344.584	SulthanBathery	Nenmeni	Nenmeni
			SulthanBathery	Noolpuzha	Kidanganad
			SulthanBathery	Noolpuzha	Noolpuzha
			Mananthavady	Thirunelly	Thirunelly
			Mananthavady	Thirunelly	Thrissillery

Sl. No.	Name of Division	Area (area in Km ²)	Name of the Taluk	Name of the Panchayat	Name of Village
34	Silent Valley Division	237.491	Attapady Tribal Taluk	Agaly	Kallamala
			Attapady Tribal Taluk	Pudur	Padavayal
			Mannarkkad	Thachanpara	Palakayam
			Mannarkkad	Thenkara	Mannarkkad
			Mannarkkad	Allanallur	Allanallur III
			Mannarkkad	Kottopadam	Kottopadam III
			Nilambur	Karuvarakundu	Karuvarakundu
			Nilambur	Karuvarakundu	Kerala Estate
			Nilambur	Chokkad	Chokkad
			Nilambur	Kalikavu	Kalikavu
35	Wildlife Division Peechi	243.017	Thrissur	Pananchery	Peechi
			Thrissur	Pananchery	Pananchery
			Thalappilly	Mulloorkkara	Attur
			Chalakudy	Varandarappilly	Varandarappilly
			Thalappilly	Thiruvillwamala	Thiruvillwamala
			Alathur	Perigottukurissi	Perigottukurissi 2
			Chalakkudy	Mattathur	Mattathur
36	Wildlife Division Aralam	85.380	Iritty	Aralam, Iritty	Aralam
			Iritty	Kelakam	Kelakam
			Iritty	Kottiyoor	Kottiyoor
37	NSC Kalady	6.226	Aluva	Malayattoor - Neeleswaram	Malayattoor
			Kunnathunadu	Koovappady	Kodanad
38	Mangalavanam BS	0.027	Ernakulam	Chottanikkara	Kanayannor
39	SF,Alappuzha	1.748	Ambalapuzha	Purakkad	Purakkad

Annexure-III
Range-wise Forest area as per Legal Status as on 31.03. 2024

Division	Range	Reserved Forests	Proposed Reserved	Vested Forests	EFL	Total Forest Area
SOUTHERN CIRCLE						
Thiruvananthapuram	Kulathupuzha	217.550	0.000	0.056	5.668	223.274
	Palode	101.084	5.825	0.320	0.609	107.838
	Paruthippally	40.490	0.000	0.000	0.892	41.382
	Division Total	359.124	5.825	0.376	7.169	372.494
Thenmala	Aryankavu	73.340	0.000	1.420	-	372.494
	Thenmala	67.410	0.000	6.355	0.455	74.220
	Division Total	140.750	0.000	7.775	0.455	148.980
Achencovil	Achencovil	88.747	0.000	0.208	1.331	90.286
	Kallar	78.989	0.000	0.000	0.000	78.989
	Kanayar	116.594	0.000	0.000	0.000	116.594
	Division Total	284.330	0.000	0.208	1.331	285.869
Ranni	Ranni	127.502	7.225	1.568	0.000	136.295
	Goodrikkal	505.967	0.000	0.000	0.000	505.967
	Vadasserikkara	268.860	0.000	0.000	0.000	268.860
	Division Total	902.329	7.225	1.568	0.000	911.122
Punalur	Anchal	142.509	0.000	0.000	0.000	142.509
	Pathanapuram	131.639	0.038	0.169	0.157	132.003
	Division Total	274.148	0.038	0.169	0.157	274.512
Konni	Konni	51.703	11.102	0.000	0.000	62.805
	Naduvathumoozhi	138.936	0.000	0.000	0.000	138.936
	Mannarappara	129.914	0.000	0.000	0.000	129.914
	Division Total	320.553	11.102	0.000	0.000	331.655
SOUTHERN CIRCLE-TOTAL		2,281.234	24.190	10.096	9.112	2,324.632
HIGH RANGE CIRCLE						
Kottayam	Erumeli	144.625	15.136	4.171	1.067	164.999
	Ayyappancovil	64.242	0.000	23.837	1.199	89.278
	Nagarampara	143.400	0.000	0.000	0.400	143.800
	Kumily	261.633	0.027	3.959	0.000	265.619
	Division Total	613.900	15.163	31.967	2.666	663.696
Kothamangalam	Thodupuzha	218.991	0.526	0.158	0.000	219.675
	Kothamangalam	12.153	0.023	0.000	0.000	12.176
	Kaliyar	49.080	0.000	0.000	0.000	49.080
	Mullaringad	37.380	0.000	0.000	0.000	37.380
	Division Total	317.604	0.549	0.158	0.000	318.311

Division	Range	Reserved Forests	Proposed Reserved	Vested Forests	EFL	Total Forest Area
Munnar	Munnar	106.190	25.931	0.000	4.240	136.361
	Devikulam	311.039	50.605	0.662	0.000	362.306
	Adimali	173.566	0.000	0.000	0.908	174.474
	Neriyamangalam	102.740	0.000	0.000	0.000	102.740
	Division Total	693.535	76.536	0.662	5.148	775.881
Mankulam	Mankulam	0.000	51.877	0.000	0.000	51.877
	Anakulam	0.000	38.180	0.000	0.000	38.180
	Division Total	0.000	90.057	0.000	0.000	90.057
Marayoor	Marayoor	7.000	35.410	0.076	0.075	42.561
	Kanthalloor	8.416	11.847	0.000	2.396	22.659
	Division Total	15.416	47.257	0.076	2.471	65.220
HIGH RANGE CIRCLE - TOTAL		1,640.455	229.562	32.863	10.285	1,913.165
CENTRAL CIRCLE						
Vazhachal	Athirappally	95.098	0.000	0.000	0.000	95.098
	Charpa	59.975	0.000	0.000	0.000	59.975
	Kollathirumed	29.348	0.000	0.000	0.000	29.348
	Sholayar	78.350	0.000	0.000	0.000	78.350
	Vazhachal	90.643	0.000	0.000	0.000	90.643
	Division Total	353.414	0.000	0.000	0.000	353.414
Chalakudy	Palappilly	47.327	0.000	0.000	0.000	47.327
	Pariyaram	115.312	0.031	0.000	0.040	115.383
	Vellikkulangara	45.301	0.000	0.000	0.000	45.301
	Division Total	207.940	0.031	0.000	0.040	208.011
Malayattoor	Edamalarayar	170.070	0.000	0.000	0.000	170.070
	Kalady	65.812	0.525	0.000	0.000	66.337
	Kodanadu	55.403	0.709	0.000	0.000	56.112
	Kuttampuzha	187.040	0.000	0.000	0.000	187.040
	Thundathil	131.400	0.000	0.000	0.000	131.400
	Division Total	609.725	1.234	0.000	0.000	610.959
Thrissur	Machad	73.564	0.000	0.000	0.061	73.625
	Pattikkad	81.604	0.948	0.000	0.000	82.552
	Vadakkancherry	51.873	0.000	4.306	0.785	56.964
	Division Total	207.041	0.948	4.306	0.846	213.141
CENTRAL CIRCLE - TOTAL		1,378.120	2.212	4.306	0.886	1,385.524
EASTERN CIRCLE						
Mannarkkad	Agali	63.860	0.000	65.089	2.927	131.876
	Attappadi	80.771	0.000	88.660	2.094	171.525
	Mannarkkad	6.101	0.000	117.691	4.117	127.908
	Division Total	150.732	0.000	271.440	9.138	431.309

Division	Range	Reserved Forests	Proposed Reserved	Vested Forests	EFL	Total Forest Area
NilamburNorth	Vazhikkadavu	19.304	0.000	157.386	1.224	177.914
	Nilambur	15.888	0.339	103.871	5.312	125.410
	Edavanna	23.201	0.006	110.463	3.021	136.691
	Division Total	58.393	0.345	371.720	9.557	440.015
Nilambur South	Kalikavu	1.991	0.033	57.555	1.803	61.382
	Karulai	265.608	0.000	0.000	0.000	265.608
	Division Total	267.599	0.033	57.555	1.803	326.990
Palakkad	Olavakkode	61.693	0.000	17.541	2.135	81.369
	Walayar	11.717	0.000	109.748	22.932	144.397
	Ottappalam	0.000	0.000	32.461	5.015	37.476
	Division Total	73.410	0.000	160.030	30.082	263.242
Nenmara	Nelliampathi	209.664	0.038	0.949	0.073	210.724
	Kollengode	0.000	0.000	62.786	7.068	69.854
	Alathur	0.000	0.000	77.801	2.560	80.361
	Division Total	209.664	0.038	141.536	9.701	360.938
EASTERN CIRCLE - TOTAL		759.798	0.416	1002.001	60.280	1,822.495
NORTHERN CIRCLE						
Kozhikkode	Peruvanna-moozhi	24.153	38.080	81.845	7.391	151.469
	Kuttiyadi	0.000	0.067	35.111	5.340	40.518
	Thamarassery	0.237	0.238	116.579	2.615	119.669
	Division Total	24.390	38.385	233.535	15.346	311.656
Wayanad North	Begoor	73.395	15.107	15.736	1.890	106.128
	Periya	60.663	0.000	23.793	5.364	89.820
	Mananthavady	0.000	0.000	26.047	1.828	27.875
	Division Total	134.058	15.107	65.576	9.082	223.823
Wayanad South	Kalpetta	13.500	3.122	78.108	8.157	102.887
	Meppady	0.000	0.652	103.467	12.345	116.464
	Chedalath	54.179	0.000	21.697	0.000	75.876
	Division Total	67.679	3.774	203.272	20.502	295.227
Kannur	Kannavam	82.847	0.021	1.262	0.000	84.130
	Kottiyor	8.084	0.000	40.027	3.739	51.850
	Thalipparamba	2.430	0.000	19.091	1.171	22.692
	Division Total	93.361	0.021	60.380	4.910	158.672
Kasaragod	Kanjangad	25.955	0.483	30.311	4.111	60.860
	Kasaragod	60.615	0.904	0.394	0.018	61.931
	Division Total	86.570	1.387	30.705	4.129	122.791
NORTHERN CIRCLE - TOTAL		406.058	58.674	593.468	53.969	1112.169

Division	Range	Reserved Forests	Proposed Reserved	Vested Forests	EFL	Total Forest Area
AGASTHYAVANAM BIOLOGICAL PARK						
TvpmlWL	ABP, Kottoor	30.980	0.000	0.000	0.000	30.980
	Neyyar Sanctuary	128.000	0.000	0.000	0.000	128.000
	Peppara Sanctuary	53.000	0.000	0.000	0.000	53.000
	Division Total	211.980	0.000	0.000	0.000	211.980
Shendurney	Shendurney Sanctuary	163.376	5.680	4.226	0.354	173.636
	Division Total	163.376	5.680	4.226	0.354	173.636
AGASTHYAVANAM BIOLOGICAL PARK - TOTAL		375.356	5.680	4.226	0.354	385.616
FIELD DIRECTOR (PERIYAR TR)						
Periyar East (Thekkady)	Periyar	376.000	0.000	0.000	0.000	376.000
	Thekkady	99.000	0.000	0.000	0.000	99.000
	Vallakkadavu	234.000	0.000	0.000	0.675	234.675
	Division Total	709.000	0.000	0.000	0.675	709.675
Periyar West (Peerumedu)	Pampa	66.930	0.000	0.000	0.000	66.930
	Azhutha	149.070	0.000	0.000	0.000	149.070
	Division Total	216.000	0.000	0.000	0.000	216.000
Munnar WL	Eravikulam NP	97.000	0.000	0.000	0.000	97.000
	Chinnar WL-Sanctuary	90.442	0.000	0.000	0.000	90.442
	Anamudy Shola NP	7.500	0.000	0.000	0.000	7.500
	Mathikettan Shola NP	12.817	0.000	0.000	0.000	12.817
	Pampadum Shola NP	1.318	0.000	0.000	0.000	1.318
	Kurinjimala-Sanctuary	32.000	0.000	0.000	0.000	32.000
	Division Total	241.077	0.000	0.000	0.000	241.077
Idukki WL	Idukki	105.364	0.000	0.000	0.000	105.364
	Thattekkad	25.160	0.000	0.000	0.000	25.160
	Division Total	130.524	0.000	0.000	0.000	130.524
FIELD DIRECTOR (PERIYAR TR) - TOTAL		1296.601	0.000	0.000	0.675	1,297.276

Division	Range	Reserved Forests	Proposed Reserved	Vested Forests	EFL	Total Forest Area
FIELD DIRECTOR (PARAMBIKULAM TR)						
Parambikulam	Sunkom	98.620	0.000	0.000	0.000	98.620
	Parambikulam	102.030	0.000	0.000	0.000	102.030
	Orukkomban	75.260	0.000	0.000	0.000	75.260
	Karimala	100.99	0.000	0.000	0.000	100.990
	Division Total	376.900	0.000	0.000	0.000	376.900
Wayanad WL	Tholpetty	77.669	0.039	0.000	0.052	77.760
	Kurichiyatt	106.453	0.050	0.000	0.000	106.503
	Muthanga	74.293	0.000	0.000	0.000	74.293
	SulthanBathery	86.028	0.000	0.000	0.000	86.028
	Division Total	344.443	0.089	0.000	0.052	344.584
Silent Valley	Silent Valley NP	89.520	0.000	51.677	2.294	143.491
	Bhavani	64.860	0.000	28.002	1.138	94.000
	Division Total	154.380	0.000	79.679	3.432	237.491
Peechi	Peechi WL Sanctuary	125.000	0.000	0.000	0.000	125.000
	Chimmini WL Sanctuary	114.597	0.000	0.000	0.000	114.597
	Chulannur Pea-fowl Sanctuary	0.000	0.000	3.301	0.119	3.420
	Division Total	239.597	0.000	3.301	0.119	243.017
Aralam	Aralam WL Sanctuary	52.740	0.000	32.640	0.000	85.380
	Division Total	52.740	0.000	32.640	0.000	85.380
FIELD DIRECTOR (PARAMBIKULAM TR) - TOTAL		1168.060	0.089	115.620	3.603	1,287.372
NSC Kalady & Mangalavanam Bird Sanctuary	NSC Kalady & Mangalavanam Bird Sanctuary	6.226	0.027	0.000	0.000	6.253
	Division Total	6.226	0.027	0.000	0.000	6.253
SF CENTRAL REGION TOTAL		6.226	0.027	0.000	0.000	6.253
SF, Alappuzha	SF, Alappuzha	0.000	1.748	0.000	0.000	1.748
	Division Total		1.748	0.000	0.000	1.748
SF SOUTHERN REGION TOTAL		0.000	1.748	0.000	0.000	1.748
STATE TOTAL OF FOREST AREA (in sq.km)		9311.908	322.599	1762.580	139.164	11536.251

Faunal Diversity of Kerala

Annexure-IV

List of Endemic and RET Mammals recorded from Kerala

SI.No.	English Name	Species Name	IUCN	END
1	Lion-tailed Macaque	<i>Macaca silenus</i>	EN	WG
2	Black-footed Gray Langur (Black-footed Grey Langur, Malabar Sacred Langur)	<i>Semnopithecus hypoleucos</i>	VU	WG
3	Nilgiri Langur	<i>Semnopithecus johnii</i>	VU	WG
4	Nilgiri Palm Squirrel	<i>Funambulus sublineatus</i>	VU	WG
5	Jungle Palm Squirrel (Western Ghats Striped Squirrel)	<i>Funambulus tristriatus</i>	LC	WG
6	Spiny Tree Mouse (Spiny Dormouse)	<i>Platacanthomy slasiurus</i>	VU	WG
7	Bonhote's Mouse (Servant Mouse)	<i>Mus famulus</i>	EN	WG
8	Ranjini's Field Rat (Kerala Rat)	<i>Rattus ranjinae</i>	EN	KL
9	Sahyadris Forest Rat	<i>Rattus satarae</i>	VU	WG
10	Nilgiri Vandeleuria (Nilgiri Long Tailed Tree Mouse)	<i>Vandeleurianil agirica</i>	EN	WG
11	Day's Shrew	<i>Sun cusdayi</i>	EN	WG
12	Hill Shrew (Indian Highland Shrew)	<i>Sun cusniger</i>	NE	WG
13	Nilgiri Marten	<i>Martes gvatkinsi</i>	VU	WG
14	Brown Palm Civet (Jerdon's Palm Civet)	<i>Paradoxurus jerdoni</i>	LC	WG
15	Nilgiri Tahr	<i>Nilgiri tragushylocrius</i>	EN	WG

VU	VULNERABLE	LC	LEAST CONCERN
EN	ENDANGERED	NT	NEAR THREATENED
DD	DATA DEFICIENT	NE	NOT EVALUATED

Annexure-V

List of Endemic and RET Birds recorded from Kerala

SI.No.	English Name	Species Name	IUCN	END
1	Nilgiri Wood Pigeon	<i>Columba elphinstonii</i>	VU	WG
2	Malabar Grey Hornbill	<i>Ocyrceros griseus</i>	LC	WG
3	Malabar Barbet	<i>Psilopogon malabaricus</i>	LC	WG
4	Malabar Parakeet (Blue-winged Parakeet)	<i>Psittacula columboides</i>	LC	WG
5	White-bellied Treepie	<i>Dendrocitta leucogastra</i>	LC	WG
6	Crimson-backed Sunbird	<i>Leptocoma minima</i>	LC	WG
7	Nilgiri Pipit	<i>Aanthus nilghiriensis</i>	VU	WG

SI.No.	English Name	Species Name	IUCN	END
8	Broad-tailed Grass Warbler (Broad-tailed Grassbird)	<i>Schoenicola platyurus</i>	VU	WG
9	Grey-headed Bulbul	<i>Brachypodius priocephalus</i>	NT	WG
10	Rufous Babbler	<i>Argya subrufa</i>	LC	WG
11	Wayanad Laughing-thrush	<i>Garrulax delesserti</i>	LC	WG
12	Kerala Laughing-thrush	<i>Trochalopteron fairbanki</i>	NT	WG
13	Black-chinned Laughing-thrush	<i>Trochalopteron cachinnans</i>	EN	WG
14	White-bellied Blue flycatcher	<i>Cyornis pallidipes</i>	LC	WG
15	Nilgiri Flycatcher	<i>Eumyias albicaudatus</i>	NT	WG
16	White-bellied Shortwing	<i>Brachypteryx Major</i>	EN	WG
17	Black-and-orange Flycatcher (Black and-rufous Flycatcher)	<i>Ficedula nigrorufa</i>	NT	WG

VU	VULNERABLE	LC	LEAST CONCERN
EN	ENDANGERED	NT	NEAR THREATENED
DD	DATA DEFICIENT	NE	NOT EVALUATED

Annexure-VI

List of Endemic and RET Amphibians recorded from Kerala

SI.No.	English Name	Species Name	IUCN	END
1	Beddome's Toad (Travancore Toad)	<i>Duttaphrynus beddomii</i>	EN	WG
2	Small-eared Toad (Southern Hill Toad)	<i>Duttaphrynus microtympanum</i>	VU	WG
3	Ridged Toad (Indian Toad)	<i>Duttaphrynus parietalis</i>	NT	WG
4	Silent Valley Toad (South Indian Hill Toad)	<i>Duttaphrynus silent valleyen sis</i>	DD	KL
5	Malabar Torrent Toad (Black Torrent Toad, Ornate Toad)	<i>Ghatophryne ornata</i>	EN	WG
6	Red Stream Toad (Kerala Stream Toad)	<i>Ghatophryne rubigina</i>	VU	WG
7	Malabar Tree Toad (Warty Asian Tree Toad)	<i>Pedostibes tuberculosus</i>	EN	WG
8	Minervarya Frog	<i>Minervarya sahyadris</i>	EN	WG
9	Short-webbed Frog (Peter's Frog, Pegu Wart Frog)	<i>Zakerana brevipalmata</i>	DD	WG
10	Nilgiris Wart frog (Nilgiri Frog)	<i>Zakerana nilagirica</i>	EN	WG
11	Parambikulam Wart Frog	<i>Zakerana parambikulamana</i>	DD	KL
12	Rufescent Burrowing Frog (Reddish Burrowing Frog)	<i>Zakerana rufescens</i>	LC	WG
13	Munnar Torrent Frog (Beautiful Dancing Frog)	<i>Micrixalus adonis</i>	NE	KL

SI.No.	English Name	Species Name	IUCN	END
14	Elegant Torrent Frog (Elegant Dancing Frog)	<i>Micrixalus elegans</i>	DD	WG
15	Cold Stream Torrent Frog (Cold Stream Dancing Frog)	<i>Micrixalus frigidus</i>	NE	WG
16	Dusky Torrent Frog (kalakad Dancing Frog)	<i>Micrixalus fuscus</i>	NT	WG
17	Gadgil's Torrent Frog (Gadgil's Dancing Frog)	<i>Micrixalus gadgili</i>	EN	KL
18	Kallar Torrent Frog (Kallar Dancing Frog)	<i>Micrixalus herrei</i>	NE	WG
19	Kurichiyar Torrent Frog (Kurichiyar Dancing Frog)	<i>Micrixalus kurichiyari</i>	NE	KL
20	Mallan's Torrent Frog (Mallan's Dancing Frog)	<i>Micrixalus mallani</i>	NE	KL
21	Nelliyampathi Torrent Frog (Nelliyampathi Dancing Frog)	<i>Micrixalus nelliyampathi</i>	NE	KL
22	Black-bellied Torrent Frog (Black-bellied Dancing Frog)	<i>Micrixalus nigriventris</i>	NE	WG
23	Naked Torrent Frog (Naked Dancing Frog)	<i>Micrixalus nudis</i>	VU	KL
24	Pink-thighed Torrent Frog (Nilgiri Torrent Frog, Nilgiri Dancing Frog)	<i>Micrixalus phyllophilus</i>	VU	WG
25	Sairandhri Torrent Frog (Sairandhri Dancing Frog)	<i>Micrixalus sairandhri</i>	NE	KL
26	Sali's Torrent Frog (Sali's Dancing Frog)	<i>Micrixalus sali</i>	NE	KL
27	Wayanad Torrent Frog (Wayanad Dancing Frog, Malabar Tropical Frog)	<i>Micrixalus saxicola</i>	VU	WG
28	Forest Torrent Frog (Forest Dancing Frog)	<i>Micrixalus sylvaticus</i>	DD	KL
29	Thampi's Torrent Frog (Silent Valley Dancing Frog)	<i>Micrixalus thampii</i>	DD	KL
30	Black Microhylid Frog (Malabar Black narrow- mouthed frog, Orange Black Tubercled Indian Microhylid)	<i>Melanobatrachus indicus</i>	EN	WG
31	Ornate Narrow-mouthed Frog (Ornated Pygmy Frog)	<i>Microhyla ornata</i>	LC	WG
32	Anamalai Balloon Frog (Anamalai Balloon Frog)	<i>Uperodon anamalaiensis</i>	DD	WG
33	Jerdon's Balloon Frog	<i>Uperodon montanus</i>	NT	KL
34	Malabar Balloon Frog	<i>Uperodon triangularis</i>	VU	WG
35	Purple Frog (Pig Nose Frog)	<i>Nasikabatrachus sahyadrensis</i>	EN	WG
36	Spinular Night Frog	<i>Nyctibatrachus cantabodermis</i>	NE	KL

Sl.No.	English Name	Species Name	IUCN	END
37	Aliciae's Night Frog	<i>Nyctibatrachus aliciae</i>	EN	WG
38	Anamalai Night Frog	<i>Nyctibatrachus anamallaiensis</i>	NE	WG
39	Beddome's Night Frog (Pygmy Wrinkled Frog)	<i>Nyctibatrachus beddomii</i>	EN	WG
40	Anamalai Night Frog	<i>Nyctibatrachus deccanensis</i>	VU	WG
41	Deven's Night Frog	<i>Nyctibatrachus deveni</i>	NE	KL
42	Gavi Night Frog	<i>Nyctibatrachus gavi</i>	NE	KL
43	Indraneil's Night Frog	<i>Nyctibatrachus grandis</i>	NE	KL
44	Indraneil's Night Frog	<i>Nyctibatrachus indraneili</i>	NE	WG
45	Kempholey Night Frog	<i>Nyctibatrachus kempholeyensis</i>	DD	WG
46	Malabar Night Frog (Malabar Night Frog, Large Wrinkled Frog)	<i>Nyctibatrachus major</i>	VU	WG
47	Miniature Night Frog	<i>Nyctibatrachus minimus</i>	DD	KL
48	Kerala Night Frog	<i>Nyctibatrachus minor</i>	EN	KL
49	Periyar Night Frog	<i>Nyctibatrachus periyar</i>	NE	KL
50	Pillai's Night Frog	<i>Nyctibatrachus pillai</i>	NE	WG
51	Meowing Night Frog	<i>Nyctibatrachus poocha</i>	EN	WG
52	Kalakad Night Frog	<i>Nyctibatrachus vasanthi</i>	NE	WG
53	VUB Night Frog	<i>Nyctibatrachus vrije uni</i>	NT	WG
54	Bicoloured Frog (Malabar Frog)	<i>Clinotarsus curtipes</i>		
55	Boulenger's Golden-backed Frog (Small Wood Frog, Trivandrum Frog)	<i>Indosylvirana aurantiaca</i>	VU	KL
56	Don's Golden-backed Frog	<i>Indosylvirana doni</i>	NE	KL
57	Yellowish Golden-backed Frog	<i>Indosylvirana flavescens</i>	NE	WG
58	Indian Golden-backed Frog	<i>Indosylvirana indica</i>	NE	WG
59	Rao's Intermediate Golden-backed Frog	<i>Indosylvirana intermedius</i>	NE	WG
60	Large Golden-backed Frog	<i>Indosylvirana magna</i>	NE	WG
61	Sreeni's Golden-backed Frog	<i>Indosylvirana sreeni</i>	NE	WG
62	Urban Golden-backed Frog	<i>Indosylvirana urbis</i>	NE	KL
63	Beddome's leaping Frog (Beddome's Indian frog)	<i>Indirana beddomii</i>	LC	WG
64	Anamalais Leaping Frog (Anamalais Indian frog)	<i>Indirana brachytarsus</i>	EN	WG
65	Spotted Leaping Frog (Malabar Indian Frog)	<i>Indirana diplosticta</i>	EN	WG
66	Boulenger's Leaping Frog (Boulenger's Indian Frog)	<i>Indirana leptodactyla</i>	EN	WG
67	Toad skinned Leaping Frog (Kerala Indian Frog)	<i>Indirana pbrynoderma</i>	CR	WG
68	South Indian Frog	<i>Indirana semipalmata</i>	LC	WG

SI.No.	English Name	Species Name	IUCN	END
69	Kadalar Swamp Frog	<i>Beddomixalus bijui</i>	NE	KL
70	Ghat Tree Frog (Star-eyed Tree Frog)	<i>Ghatixalus asterops</i>	DD	WG
71	Green Tree Frog	<i>Ghatixalus variabilis</i>	EN	WG
72	Myristica Swamp frog	<i>Mercurana myristicapalustris</i>	NE	KL
73	Charpa Tree frog	<i>Polypedates occidentalis</i>	DD	WG
74	False Hour-glass Tree Frog (Yellow Tree Frog)	<i>Polypedates pseudocruciger</i>	LC	WG
75	Kani Bush Frog	<i>Pseudophilantus kani</i>	LC	KL
76	Jerdon's Bush Frog	<i>Pseudophilantus nynaadensis</i>	EN	WG
77	Agasthyamala Bush Frog	<i>Raorchestes agasthyaensis</i>	NE	WG
78	Variable Bush Frog	<i>Raorchestes akroparallagi</i>	LC	WG
79	Anil's Bush Frog	<i>Raorchestes anili</i>	LC	WG
80	Archaic Bush Frog	<i>Raorchestes archeos</i>	NE	WG
81	Golden-eyed Frog	<i>Raorchestes aureus</i>	NE	WG
82	Beddome's Bush Frog	<i>Raorchestes beddomii</i>	NY	WG
83	Pleasant Bush Frog	<i>Raorchestes blandus</i>	NE	WG
84	Bob Inger's Bush Frog	<i>Raorchestes bobingeri</i>	VU	WG
85	Chalazodes Bubble Nest Frog	<i>Raorchestes chalazodes</i>	CR	WG
86	Seshachar's Bush Frog	<i>Raorchestes charius</i>	EN	WG
87	Green-eyed Bush Frog	<i>Raorchestes chlorosomma</i>	CR	WG
88	Small Bush Frog	<i>Raorchestes chotta</i>	DD	KL
89	Confusing Green Bush Frog	<i>Raorchestes chromasynchysi</i>	VU	WG
90	Bark Bush Frog	<i>Raorchestes crustai</i>	NE	WG
91	Kodaikanal Bush Frog	<i>Raorchestes dubois</i>	VU	WG
92	Yellow-bellied Bush Frog	<i>Raorchestes flaviventris</i>	DD	WG
93	Glandular Bush Frog (Beautiful Bush Frog, Pretty Bush Frog)	<i>Raorchestes glandulosus</i>	VU	WG
94	Ponmudi Bush Frog	<i>Raorchestes graminirupes</i>	VU	WG
95	Griet Bush Frog	<i>Raorchestes griet</i>	CR	WG
96	Jayaram's Bush Frog	<i>Raorchestes jayarami</i>	NE	WG
97	Johnceel's Bush Frog	<i>Raorchestes johnceei</i>	NE	WG
98	Kadalar Bush Frog	<i>Raorchestes kadalarensis</i>	NE	KL
99	Kaikatti Bush Frog	<i>Raorchestes kaikatti</i>	CR	KL
100	Kakachi Bush Frog	<i>Raorchestes kakachi</i>	NE	WG
101	White Patch Bush Frog	<i>Raorchestes leucolatus</i>	NE	WG
102	Beautiful Reed Bush Frog (Manohar's Bush Frog)	<i>Raorchestes manohari</i>	NE	WG
103	Mark's Bush Frog	<i>Raorchestes marki</i>	CR	WG
104	Munnar Bush Frog	<i>Raorchestes munnarensis</i>	CR	WG

Sl.No.	English Name	Species Name	IUCN	END
105	Water Drop Frog (Kalpetta Bush Frog)	<i>Raorchestes nerostagona</i>	EN	WG
106	Ochlandrae Reed Bush Frog	<i>Raorchestes ochlandrae</i>	DD	WG
107	Large Ponmudi Bush Frog	<i>Raorchestes ponmudi</i>	CR	WG
108	Ravi's Bush Frog	<i>Raorchestes tesravii</i>	NE	WG
109	Resplendent Shrub Frog (Anamudi Bush Frog)	<i>Raorchestes resplendens</i>	CR	WG
110	Star-eyed Bush Frog	<i>Raorchestes signatus</i>	EN	WG
111	Sushil's Bush Frog	<i>Raorchestes sushili</i>	CR	WG
112	Theuerkauf's Bush Frog	<i>Raorchestes theuerkaufi</i>	NE	WG
113	Nilgiri Bush Frog	<i>Raorchestes tinniens</i>	EN	WG
114	Travancore Bush Frog	<i>Raorchestes travancoricus</i>	EN	WG
115	Kudremukh Bush Frog	<i>Raorchestes tuberohumerus</i>	DD	WG
116	Uthaman's Reed Bush Frog	<i>Raorchestes uthamani</i>	NE	KL
117	Kalakad Tree Frog	<i>Rhacophorus calcadensis</i>	EN	WG
118	Small Tree Frog	<i>Rhacophorus lateralis</i>	EN	WG
119	Malabar Gliding Frog (Malabar Flying Frog, Malabar Tree Frog)	<i>Rhacophorus malabaricus</i>	LC	WG
120	Malabar False Tree frog	<i>Rhacophorus pseudomala-baricus</i>	CR	WG
121	Beddome's Caecilian	<i>Ichthyophis beddomei</i>	LC	WG
122	Bombay Caecilian	<i>Ichthyophis bombayensis</i>	LC	WG
123	Kodagu Striped Caecilian	<i>Ichthyophis kodaguensis</i>	DD	WG
124	Long-headed Caecilian	<i>Ichthyophis longicephalus</i>	DD	KL
125	Three-colored Caecilian	<i>Ichthyophis tricolor</i>	LC	KL
126	Chengalam Caecilian	<i>Uraeotyphlus interruptus</i>	DD	KL
127	Malabar Caecilian	<i>Uraeotyphlus malabaricus</i>	DD	KL
128	Menon's Caecilian	<i>Uraeotyphlus menoni</i>	DD	KL
129	Narayan's Caecilian	<i>Uraeotyphlus narayani</i>	DD	KL
130	Oommen's Uraeotyphlus	<i>Uraeotyphlus oommeni</i>	DD	KL
131	Red Caecilian	<i>Uraeotyphlus oxyurus</i>	DD	KL
132	Periya Peak Caecilian	<i>Gegeneophis carnosus</i>	DD	KL
133	Malabar CardomomGegeneophis	<i>Gegeneophis primus</i>	DD	KL
134	Ramaswami's Caecilian	<i>Gegeneophis ramaswamii</i>	LC	WG
135	Tejaswini Gegeneophis	<i>Gegeneophis tejaswini</i>	NE	KL

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Annexure-VII

List of Endemic and RET Reptiles recorded from Kerala

Sl.No.	English Name	Species Name	IUCN	END
1	Cochin Forest Cane Turtle (Kerala Forest Terrapin, Kavalai Forest Turtle)	<i>Vijayachelys silvatica</i>	EN	WG
2	Travancore Tortoise (Forsten's Tortoise)	<i>Indotestudo travancorica</i>	VU	WG
3	Large-scaled Forest Lizard (Large-scaled Calotes)	<i>Calotes grandisquamis</i>	LC	WG
4	Nilgiri Forest Lizard	<i>Calotes nemoricola</i>	LC	WG
5	Elliot's Forest Lizard	<i>Calotes ellioti</i>	LC	WG
6	Indian Kangaroo Lizard	<i>Otocryptis beddomei</i>	EN	WG
7	Anamalai Spiny Lizard (Anamalai Salea)	<i>Salea anamallayana</i>	LC	WG
8	Horsfield's Spiny Lizard (Nilgiri Salea)	<i>Salea horsfieldii</i>	LC	WG
9	Beddome's Day Gecko	<i>Cnemaspis beddomei</i>	DD	WG
10	Slender Day Gecko	<i>Cnemaspis gracilis</i>	LC	WG
11	Indian Day Gecko	<i>Cnemaspis indica</i>	VU	WG
12	Kottiyur Day Gecko	<i>Cnemaspis kottiyorensis</i>	NE	KL
13	Coastal Day Gecko	<i>Cnemaspis littoralis</i>	DD	WG
14	Mountain Day Gecko	<i>Cnemaspis monticola</i>	DD	KL
15	Ponmudi Day Gecko	<i>Cnemaspis nairi</i>	NT	WG
16	Nilgiri Day Gecko	<i>Cnemaspis nilagirica</i>	DD	WG
17	Ornate Day Gecko (Ornate Dwarf Gecko)	<i>Cnemaspis ornata</i>	NT	WG
18	Sispara Day Gecko	<i>Cnemaspis sisparensis</i>	NT	WG
19	Wayanad Day Gecko	<i>Cnemaspis nynadensi</i>	EN	KL
20	Anaimalai Gecko	<i>Dravidogecko anamallensis</i>	NT	WG
21	Prashad's Gecko	<i>Hemidactylus prashadi</i>	LC	WG
22	Blue-bellied Tree Skink (Boulenger's Tree Skink)	<i>Dasia subcaeruleum</i>	EN	WG
23	Mountain Skink (Inger's Ponmudi Skink)	<i>Eutropis clivicola</i>	EN	KL
24	Beddome's Cat Skink (Beddome's Ristella)	<i>Ristella beddomii</i>	LC	WG
25	Gunther's Cat Skink (Gunther's Ristella)	<i>Ristella guentheri</i>	DD	WG
26	Rurk's Cat Skink (Rurk's Ristella)	<i>Ristella rurkii</i>	VU	WG
27	Travancore Cat Skink	<i>Ristella travancorica</i>	DD	WG
28	Beddome's Ground Skink	<i>Kaestlea beddomii</i>	LC	WG
29	Two-lined Ground Skink	<i>Kaestlea bilineata</i>	LC	WG
30	Side-spotted Ground Skink	<i>Kaestlea laterimaculata</i>	VU	WG
31	Travancore Ground Skink	<i>Kaestlea travancorica</i>	LC	WG
32	Palni Hills Ground Skink	<i>Kaestlea palnica</i>	DD	WG
33	Dussumier's Litter Skink (Dussumier's Forest Skink)	<i>Sphenomorphus dussumieri</i>	LC	WG
34	Earless Skink (Five fingered Skink)	<i>Chalcides pentadactylus</i>	DD	KL
35	Thurston's Worm Snake	<i>Gerrhopilus Thurstoni</i>	DD	WG

Sl.No.	English Name	Species Name	IUCN	END
36	Tindall's Worm Snake	<i>Gerrhopilus tindalli</i>	DD	WG
37	Beddome's Worm Snake	<i>Gerrhopilus beddomii</i>	DD	WG
38	Pied-belly shieldtail (Beddome's Black Earth Snake)	<i>Melanophidium punctatum</i>	LC	WG
39	Yellow-striped Shieldtail (Two-lined Black Earth Snake)	<i>Melanophidium bilineatum</i>	VU	WG
40	WynadShieldtail (Indian Black Earth Snake)	<i>Melanophidium wynandense</i>	LC	WG
41	Three-lined Shieldtail (Lined Thorntail Snake)	<i>Platyplectrurus trilineatus</i>	LC	WG
42	Three-lined Shieldtail	<i>Platyplectrurus madurensis</i>	EN	WG
43	Western Shieldtail (Purple-Red Earth Snake)	<i>Teretrurus sanguineus</i>	LC	WG
44	Golden Shieldtail (Kerala Burrowing Snake)	<i>Plectrurus aureus</i>	DD	KL
45	Purple Shieldtail (Gunther's Burrowing Snake)	<i>Plectrurus guentheri</i>	DD	WG
46	Perrotet'sShieldtail (Nilgiri Burrowing Snake)	<i>Plectrurus perroteti</i>	LC	WG
47	Wall's Shieldtail	<i>Brachyophidium rhodogaster</i>	LC	WG
48	Cochin Shieldtail (Southern Earth snake)	<i>Uropeltis nitida</i>	LC	KL
49	NilgiriShieldtail (Ocellated Shieldtail)	<i>Uropeltis ocellata</i>	LC	WG
50	Beddome's Shieldtail (Beddome's Earth Snake)	<i>Uropeltis beddomii</i>	DD	WG
51	AnamalaiShieldtail (Anamalai Earth Snake)	<i>Uropeltis macrorhyncha</i>	DD	WG
52	Black-bellied Shieldtail (Woodmason's Earth Snake)	<i>Uropeltis woodmasoni</i>	LC	WG
53	PeriyarShieldtail (Thirunelveli Earth Snake)	<i>Uropeltis arcticeps</i>	LC	WG
54	Red-spotted Shieldtail (Red-spotted Earth Snake)	<i>Uropeltis rubromaculatus</i>	LC	WG
55	Red-lined Shieldtail (Red-lined Earth Snake)	<i>Uropeltis rubrolineata</i>	LC	WG
56	Barred Shieldtail (Boulenger's Earth Snake)	<i>Uropeltis mybendrae</i>	DD	WG
57	Red-sided Shieldtail (Spotted Earth Snake)	<i>Uropeltis maculata</i>	DD	WG
58	Peter's Shieldtail (Peter's Earth Snake)	<i>Uropeltis petersi</i>	DD	WG
59	AshambuShieldtail (Gunther's Earth Snake)	<i>Uropeltis liura</i>	DD	WG
60	PalniShieldtail (Indian Earth Snake)	<i>Uropeltis pulneyensis</i>	LC	WG
61	Violet Shieldtail (Smith's Earth Snake)	<i>Uropeltis smithi</i>	NT	WG

SI.No.	English Name	Species Name	IUCN	END
62	Red-bellied Shieldtail (Beddome's Shieldtail)	<i>Rhinophis sanguineus</i>	LC	WG
63	Cardamom Shieldtail (Cardamom Hills Earth Snake)	<i>Rhinophis fergusonianus</i>	DD	WG
64	Travancore Shieldtail (Tamil Nadu Earth Snake)	<i>Rhinophis travancoricus</i>	EN	WG
65	Black-spotted Kukri Snake	<i>Oligodon venustus</i>	LC	WG
66	Travancore Kukri Snake	<i>Oligodon travancoricus</i>	DD	WG
67	Western Kukri Snake	<i>Oligodon affinis</i>	LC	WG
68	Striped Kukri Snake (Short-tailed Kukri Snake)	<i>Oligodon brevicauda</i>	VU	WG
69	Ashok's Bronzeback Tree Snake	<i>Dendrelaphis ashoki</i>	LC	WG
70	Giri's Bronzeback Tree Snake	<i>Dendrelaphis girii</i>	LC	WG
71	Large-eyed Bronzeback Tree Snake	<i>Dendrelaphis grandoculis</i>	LC	WG
72	Southern Bronzeback Tree Snake	<i>Dendrelaphis chairecaeos</i>	NE	WG
73	Olive Forest Snake	<i>Rhabdops olivaceus</i>	LC	WG
74	Travancore Cat snake (Dighton's Cat Snake)	<i>Boiga dightoni</i>	DD	KL
75	Bronze-headed Vine Snake (Perrotet's Vine Snake)	<i>Abaetulla perrotet</i>	EN	WG
76	Gunther's Vine Snake	<i>Abaetulla dispar</i>	NT	WG
77	Captain wood Snake	<i>Xylophis captaini</i>	LC	WG
78	Stripped Narrow-headed Snake	<i>Xylophis perroteti</i>	LC	WG
79	Gunther's Narrow -headed Snake	<i>Xylophis stenorhynchus</i>	DD	WG
80	Beddome's Keelback (Nilgiri Keelback)	<i>Hebius beddomei</i>	LC	WG
81	Hill Keelback (Wayanad Keelback)	<i>Hebius monticola</i>	LC	WG
82	Dussumier's Smooth Scale Water snake (Kerala mud Snake)	<i>Dieurostus dussumieri</i>	LC	KL
83	Striped Coral Snake	<i>Calliophis nigrescens</i>	LC	WG
84	Bibron's Coral Snake	<i>Calliophis bibroni</i>	LC	WG
85	Large scaled Green Pit Viper	<i>Timeresurus macrolepis</i>	NT	WG
86	Malabar Pit Viper	<i>Timeresurus malabaricus</i>	LC	WG
87	Horseshoe Pit Viper	<i>Timeresurus strigatus</i>	LC	WG

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LEAST CONCERN
NEAR THREATENED
NOT EVALUATED

Annexure-VIII
List of Endemic and RET Fresh water fishes recorded from Kerala

SI.No.	English Name	Species Name	IUCN	END
1	Day's Round Herring	<i>Dayella malabarica</i>	LC	KL
2	Carnatic Carp	<i>Barbodes carnaticus</i>	LC	WG
3	Baker's Baril	<i>Barilius bakeri</i>	LC	KL
4	Emerald Baril	<i>Barilius gatensis</i>	LC	WG
5	Malabar Baril	<i>Barilius malabaricus</i>	NE	WG
6	Mascara Barb	<i>Dawkinsia assimilis</i>	VU	WG
7	Exclamation Barb	<i>Dawkinsia exclamatio</i>	EN	KL
8	Filament Barb	<i>Dawkinsia filamentosa</i>	LC	WG
9	Rohan's Barb	<i>Dawkinsia rohani</i>	VU	WG
10	Three Spot Barb	<i>Dawkinsia rubrotinctus</i>	NE	WG
11	Malabar Danio	<i>Devario malabaricus</i>	LC	WG
12	Nilgiri Danio	<i>Devario neilgherriensis</i>	EN	WG
13	Snakehead Barb	<i>Echathalakenda ophicephalus</i>	EN	WG
14	South Indian Flying Barb	<i>Esomus barbatus</i>	LC	WG
15	Arunachalam's Stone Sucker	<i>Garra arunachalami</i>	CR	KL
16	Emarginate Stone Sucker	<i>Garra emarginata</i>	NE	KL
17	Hughe's Stone Sucker	<i>Garra hughi</i>	EN	KL
18	McClelland's Stone Sucker	<i>Garra maclellandi</i>	LC	WG
19	Menon's Stone Sucker	<i>Garra menoni</i>	VU	KL
20	Mlappara Stone Sucker	<i>Garra mlapparaensis</i>	NE	KL
21	Striped Stone Sucklet	<i>Garra mullya</i>	LC	WG
22	Periyar Stone Sucker	<i>Garra periyarensis</i>	VU	KL
23	Sahyadri Horned Stone Sucker	<i>Garra stenorhynchus</i>	LC	WG
24	Surendran's Stone Sucker	<i>Garra surendranathanii</i>	EN	KL
25	Periyar Latia	<i>Gonorrhynchus periyarensis</i>	EN	KL
26	Nilgiri Melon Barb	<i>Haludaria fasciata</i>	LC	WG
27	Melon Barb	<i>Haludaria melanampyx</i>	DD	KL
28	Krishna Carp (Dobson's Carp)	<i>Hypselobarbus dobsoni</i>	DD	WG
29	Jerdon's Carp	<i>Hypselobarbus jerdoni</i>	LC	WG
30	Canara Barb	<i>Hypselobarbus lithopidos</i>	DD	WG
31	Korhi Barb	<i>Hypselobarbus micropogon</i>	EN	WG
32	Kurali Barb	<i>Hypselobarbus mussullah</i>	LC	WG
33	Periyar Barb	<i>Hypselobarbus periyarensis</i>	EN	KL
34	Red Canarese Barb	<i>Hypselobarbus thomassi</i>	CR	WG
35	Black Labeo	<i>Labeo nigrescens</i>	NE	WG
36	Burjor's Brilliance (Dadio)	<i>Laubuca dadiburjori</i>	LC	WG
37	Periyar Hill Barb	<i>Lepidopygopsis typus</i>	EN	KL
38	Wayanad Mahseer	<i>Neolissochilus nynaadensis</i>	CR	WG

SI.No.	English Name	Species Name	IUCN	END
39	Kerala High Fin Barb	<i>Oreichthys incognito</i>	NE	KL
40	Baker's Barb	<i>Osteobrama bakeri</i>	LC	KL
41	Neil's Barb	<i>Osteobrama neilli</i>	LC	WG
42	Kantaka Barb	<i>Osteochilichthys brevidorsalis</i>	LC	WG
43	Long Finned Kerala Barb	<i>Osteochilichthys longidorsalis</i>	EN	KL
44	Nash's Barb	<i>Osteochilichthys nashii</i>	LC	WG
45	Thomas' Barb	<i>Osteochilichthys thomassi</i>	LC	WG
46	Black Finned Barb	<i>Pethia nigripinna</i>	NE	WG
47	Pookode Barb	<i>Pethia pookodensis</i>	CR	KL
48	Dotted Sawfin Barb	<i>Pethia punctata</i>	LC	WG
49	Cauvery Barb	<i>Puntius cauveriensis</i>	EN	WG
50	Long Snouted Barb	<i>Puntius dorsalis</i>	LC	WG
51	Madhusoodan's Barb	<i>Puntius madhusoodani</i>	NE	KL
52	Mahe Barb	<i>Puntius mahecola</i>	DD	KL
53	One spot Barb	<i>Puntius melanostigma</i>	NE	KL
54	Parrab Barb	<i>Puntius parrah</i>	LC	KL
55	Chalakudy Redline Torpedo Barb	<i>Sahyadria chalakudyensis</i>	EN	KL
56	Denison's Barb (Miss Kerala)	<i>Sahyadria denisonii</i>	EN	WG
57	Silver Razorbelly Minnow	<i>Salmophasia acinaces</i>	LC	WG
58	Balooke Razorbelly Minnow	<i>Salmophasia balooke</i>	LC	WG
59	Boopis Razorbelly Minnow	<i>Salmophasia boopis</i>	LC	WG
60	Swamp Barb	<i>Systomus subnasutus</i>	NE	WG
61	Deccan Mahseer	<i>Tor khudree</i>	EN	WG
62	Malabar Mahseer	<i>Tor malabaricus</i>	EN	WG
63	Chinnar Mahseer	<i>Tor remadeviae</i>	NE	KL
64	Indian Coolie Loach	<i>Pangio goaensis</i>	LC	WG
65	Silent Valley Stone Loach	<i>Balitora jalpalli</i>	NE	KL
66	Mysore Stone Loach	<i>Balitora mysorensis</i>	VU	WG
67	Bhavani Stone Loach	<i>Bhavana australis</i>	LC	WG
68	Menon's Stone Loach	<i>Ghatsa menoni</i>	LC	WG
69	Anamalai Stone Loach	<i>Ghatsa montana</i>	EN	WG
70	Pillai's Stone Loach	<i>Ghatsa pillaii</i>	LC	KL
71	Santhampara Stone Loach	<i>Ghatsa asanthamparaensis</i>	EN	KL
72	Silas's Stone Loach	<i>Ghatsa silasi</i>	NE	KL
73	Elongated Stone Loach	<i>Travancoria elongata</i>	EN	KL
74	Jone's Stone Loach	<i>Travancoria jonesi</i>	EN	KL
75	Mooreh Loach	<i>Acanthocobitis mooreh</i>	LC	WG
76	Gunther's Loach	<i>Mesonoemacheilus guentheri</i>	LC	WG
77	Anamalai Loach	<i>Mesonoemacheilus herrei</i>	CR	WG

SI.No.	English Name	Species Name	IUCN	END
78	Menon's River Loach	<i>Mesonoemacheilus menoni</i>	VU	KL
79	Pambar Loach	<i>Mesonoemacheilus pambarensis</i>	VU	KL
80	Periyar Loach	<i>Mesonoemacheilus periyarensis</i>	VU	KL
81	Pretty Spotted Loach	<i>Mesonoemacheilus pulchellus</i>	EN	KL
82	Remadevi's Loach	<i>Mesonoemacheilus remadeviae</i>	LC	KL
83	Zodiac Loach	<i>Mesonoemacheilus triangularis</i>	LC	WG
84	Black Lined Loach	<i>Nemacheilus anguilla</i>	LC	WG
85	Black Bead Loach	<i>Nemacheilus monilis</i>	LC	WG
86	Denison's Loach	<i>Schistura denisoni</i>	LC	WG
87	Nilgiri Loach	<i>Schistura nilgiriensis</i>	LC	WG
89	Long Bodied Striped Loach	<i>Schistura striata</i>	LC	WG
90	Travancore Batasio	<i>Batasio travancoria</i>	VU	KL
91	Cauvery Giant Catch	<i>Hemibagrur punctatus</i>	CR	WG
92	Yellow Catfish Gunther Caf	<i>Horabagrur brachysoma</i>	VU	WG
93	Imperial Collared Cath	<i>Horabagrur nigricollaris</i>	EN	KL
94	Dwarf MystusCattah	<i>Mystus armatus</i>	LC	WG
95	Malabar Mystus	<i>Mystus malabaricus</i>	NT	WG
96	WynadMystus	<i>Mystus montanus</i>	LC	WG
97	Spotted Mystus	<i>Mystus oculatus</i>	LC	WG
98	Malabar Butter Catfish	<i>Ompok malabaricus</i>	LC	WG
99	Wayanad Catfish	<i>Pterocryptis wynaadensis</i>	EN	WG
100	Shaji's blind Catfish	<i>Kryptoglanis shajii</i>	NE	KL
101	Mitchell's River Catfish	<i>Pseudentropius mitchelli</i>	EN	KL
102	Anamalai Mountain Catfish	<i>Glyptothorax anamalaiensis</i>	EN	WG
103	Annandale's Mountain Catfish	<i>Glyptothorax annandalei</i>	LC	WG
104	Nilambur Mountain Catfish	<i>Glyptothorax davissinghi</i>	EN	KL
105	Elankadu Mountain Catfish	<i>Glyptothorax elankadensis</i>	NE	KL
106	Valparai Mountain Catfish	<i>Glyptothorax hausei</i>	EN	WG
107	Madras Mountain Catfish	<i>Glyptothorax madraspatanus</i>	EN	WG
108	Malabar Mountain Catfish	<i>Glyptothorax malabarensis</i>	DD	KL
109	Southern Indian Torrent Catfish	<i>Pseudolaguvia austrina</i>	DD	KL
110	Malabar Clarid	<i>Clarias dayi</i>	NE	WG
111	Valencienne'sClarid	<i>Clarias dussumieri</i>	NT	KL
112	Abdulkalam's Blind Cave Catfish	<i>Horaglanis abdulkalami</i>	DD	KL
113	Alikunhi's Blind Cave Catfish	<i>Horaglanis alikunhi</i>	DD	KL
114	Blind Cave Catfish	<i>Horaglanis krishnai</i>	NE	KL
115	Mosquito Fish	<i>Gambusia affinis</i>	LC*	Exotic
116	Guppy	<i>Poecilia reticulata</i>	LC*	Exotic

SI.No.	English Name	Species Name	IUCN	END
117	Red-Tipped Halfbeak	<i>Hyporhamphus xanthopterus</i>	VU	KL
118	Swamp Eel	<i>Monopterus digressus</i>	DD	KL
119	Eapen's Swamp Eel	<i>Monopterus eapeni</i>	DD	KL
120	Malabar Swamp Eel	<i>Monopterus fessorius</i>	EN	KL
121	Rosen's Swamp Eel	<i>Monopterus roseni</i>	DD	KL
122	Malabar Spiny Eel	<i>Macrogynathus guentheri</i>	LC	WG
123	Malabar Tyre-Track Eel	<i>Mastacembelus malabaricus</i>	NE	KL
124	Western Ghats Glassy Perchlet	<i>Parambassis thomassi</i>	LC	WG
125	Western Ghats Dario	<i>Dario urops</i>	NE	WG
126	Common Catpora	<i>Pristolepis marginata</i>	LC	WG
127	Red Finned Catopra	<i>Pristolepis rubripinnis</i>	NE	KL
128	Mozambique Tilapia	<i>Oreochromis mossambicus</i>	NT*	Exotic
129	Day's Paradise Fish	<i>Pseudosphromenus dayi</i>	VU	KL
130	Tiger Snakehead	<i>Channa diplogramma</i>	VU	WG
131	Malabar Puffer Fish	<i>Carinotetraodon travancoricus</i>	VU	WG

VU	VULNERABLE	LC	LEAST CONCERN
EN	ENDANGERED	NT	NEAR THREATENED
DD	DATA DEFICIENT	NE	NOT EVALUATED

ABBREVIATIONS

• ABP	– Agasthyavanam Biological Park
• APO	– Annual Plan of Operation
• BS	– Bird Sanctuaries
• CAMPA	– Compensatory Afforestation Fund Management and Planning Authority
• CASFOS	– Central Academy for State Forest Service
• CC	– Central Circle
• CHR	– Cardamom Hill Reserves
• CSS	– Centralized Sponsored Scheme
• DFEOC	– Divisional Forest Emergency Operation Centre
• DFL	– Degraded Forest Land
• EAP	– Externally Aided Project
• EC	– Eastern Circle
• EDC	– Eco – Development Committies
• EEI	– Education Extention Institute
• EFL	– Ecologically Fragile Land
• EVNP	– Eravikulam National Park
• FCA	– Forest Conservation Act
• FD (PT)	– Field Director (Project Tiger)
• FDA	– Forest Development Agency
• FIC	– Forest Information Centre
• FSI	– Forest Survey of India
• FTC	– Forestry Training Centre
• GA	– Geographical Area
• GHS	– Grama Haritha Samithy
• GIM	– Green India Mission
• HRC	– High Range Circle
• HRD	– Human Resource Development
• HWC	– Human Wildlife Conflict
• HWS	– Hard Wood Species
• I&E	– Inspection & Evaluation
• IMG	– Institute of Management in Government
• IRM	– Industrial Raw Materials
• ISFR	– India State of Forest Report
• IUCN	– International Union of Conservation of Nature
• JJS	– Jana Jagratha Samithy
• KF Act	– Kerala Forest Act
• KFDC	– Kerala Forest Development Corporation
• KFDF	– Kerala Forest Development Fund
• KFRI	– Kerala Forest Research Institute

• LSGD	– Local Self Government Department
• MEE	– Management Effectiveness Evaluation
• MFP	– Minor Forest Produce
• MGNREGS	– Mahatma Gandhi National Rural Employment Guarantee Scheme
• MoA	– Memorandum of Association
• MoEF&CC	– Ministry of Environment, Forest & Climate Change
• NC	– Northern Circle
• NFL	– Non Forest Land
• NP	– National Park
• NSC	– Nature Study Centre
• NTCA	– National Tiger Conservation Authority
• NTFP	– Non Timber Forest Produce
• NWFP	– Non Wood Forest Produce
• PA	– Protected Area
• PFM	– Participatory Forest Management
• PHS	– Panchayat Haritha Samithy
• PM JANMAN	– Prime Minister Janjati Adivasi Nyaya Maha Abhiyan
• PRF	– Proposed Reserved Forest
• PTR	– Project Tiger Reserve
• PVTG	– Particularly Vulnerable Tribal Group
• RDF	– Regeneration of Denuded Forest
• RET	– Rare, Endangered and Threatened
• RF	– Reserved Forest
• RFA	– Recorded Forest Area
• RFO	– Range Forest Officer
• RIDF	– Rural Infrastructure Development Fund
• RRT	– Rapid Response Team
• SARPA	– Snake Awareness, Rescue and Protection Application
• SC	– Southern Circle
• SFOEC	– State Forest Emergency Operation Centre
• SFPPF	– Special Forest Protection Force
• SF	– Social Forestry
• SFTI	– State Forest Training Institute
• TRF	– Teak Revolving Fund
• TRIFED	– Tribal Co-operative Marketing Development Federation
• TS	– Timber Sales
• VDVK	– Van Dhan Vikas Kendras
• VF	– Vested Forests
• VSS	– Vana Samrakshana Samithies
• WLP Act	– Wildlife Protection Act
• WLS	– Wildlife Sanctuaries
• WL	– Wildlife
• WP	– Working Plan



GOVERNMENT OF KERALA KERALA FOREST DEPARTMENT

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