



TAMIL NADU FOREST DEPARTMENT

SYNCHRONIZED ELEPHANT POPULATION ESTIMATION - 2023 TAMIL NADU

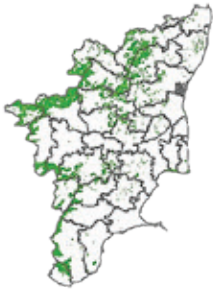
17th to 19th May 2023

HIGHLIGHTS

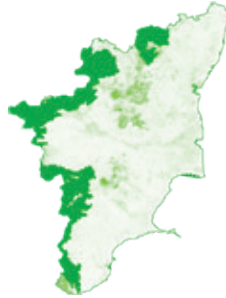


**Office of the Principal Chief Conservator of Forests (HoFF)
Tamil Nadu Forest Department**

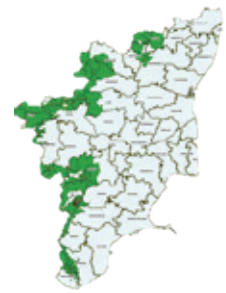
ELEPHANT POPULATION ESTIMATION



16387.44
TOTAL HABITAT
AREA (km²)



9217.13
ELEPHANT OCCUPIED
AREA (km²)



3496.81
SAMPLED
AREA (km²)



26
FOREST
DIVISIONS



2099
MANPOWER



8838.4
TOTAL FOOT
SURVEY(km)

METHODOLOGY



BLOCK COUNT

690 BLOCKS

Task: **Total Count, Age-Sex classification**
Sampled area: **5 sq.km**
Team: **2-3 persons**
Date: **17.05.2023**
Time: **06:00 to 18:00 hrs**



LINE TRANSECTS

690 LINE TRANSECTS

Task: **Perpendicular distance of Dung Piles**
Sampled area: **2 km.**
Line Team: **2-3 persons**
Date: **18.05.2023**
Time: **06:00 to 11:00 hrs**



WATERHOLE COUNT

634 WATERHOLES

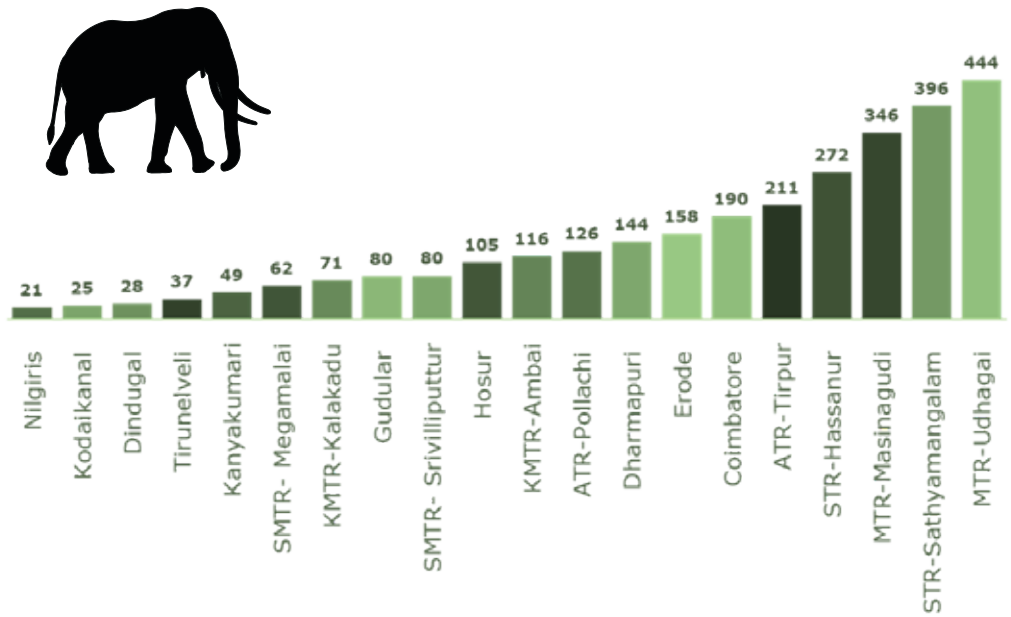
Task: **Total Count, Age-Sex classification**
Sampled area: **Waterhole**
Team: **2-3 persons**
Date: **19.05.2023**
Time: **06:00 to 18:00 hrs**

RESULTS

DIVISION WISE ELEPHANT POPULATION 2023

2961
POPULATION

LCL - 2772
UCL - 3150



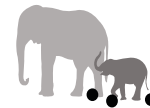
BLOCK COUNT
2961

BLOCK COUNT DENSITY
0.34
PER SQ KM



WATERHOLES
473

SEX RATIO
1 : 2.17
MALE : FEMALE



LINE TRANSECTS
3173

DUNG DENSITY
0.29 - 0.68
PER SQ KM

ELEPHANT RESERVE WISE POPULATION

2477

NILGIRIS EASTERN GHATS

190

COIMBATORE

386

ANAMALAI

177

SRIVILLIPUTHUR

237

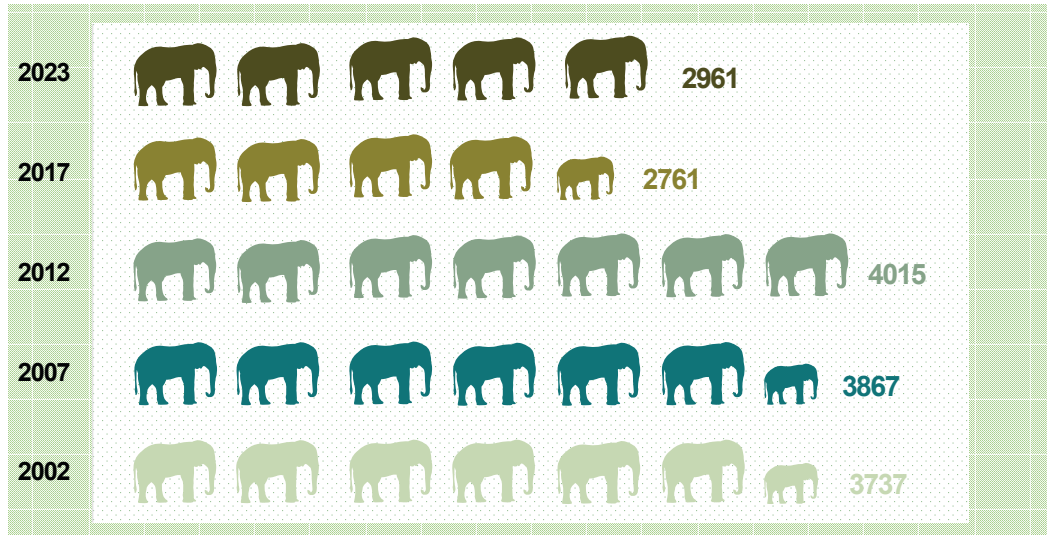
AGASTHYAMALAI

LANDSCAPE WISE ELEPHANT POPULATION

1858
WESTERN GHATS

1105
EASTERN GHATS

YEAR WISE ELEPHANT POPULATION



According to the 2017 estimation, there were 2761 Elephants in Tamil Nadu forest area.
In the current estimation, 2961 elephants.

Prepared & Issued by

TAMIL NADU FOREST DEPARTMENT

'The Synchronized Elephant Population Estimation 2023'
was planned, designed and executed under the guidance of:

Tmt. Supriya Sahu IAS, Addl Chief Secretary Environment Climate Change & Forests, Govt of Tamil Nadu

Mr. Subrat Mohapatra, IFS, Principal Chief Conservator of Forests (Head of Forest Force)

Mr. Srinivas R. Reddy, IFS, Principal Chief Conservator of Forests & Chief Wildlife Warden

Dr. V. Naganathan, IFS, Additional Principal Chief Conservator of Forests (Wildlife)

Mr. D. Venkatesh, IFS, Conservator of Forests and Field Director, Mudumalai Tiger Reserve, Udthagamandalam

All Chief Conservator of Forests and Conservator of Forests & Field Directors

All District Forest Officers/ Deputy Directors/ ACFs/Range officers

All frontline/ Ministerial staff at the Tamil Nadu Forest Department

Biologists all divisions & Volunteers

Design: Ajooni Bhogal

Photographs: Pravin Shanmughanandam

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