सत्यमेव जयते

National Center for Vector Borne Diseases Control

Directorate General of Health Services

Ministry of Health & Family Welfare, Government of India

राष्ट्रीय वैक्टर जनित रोग नियंत्रण कार्यक्रम
N V B D C P

MONTHLY MALARIA SITUATION

CATEGORY – III STATES/UTs

April, 2025

Monitoring and Evaluation Division

INDEX

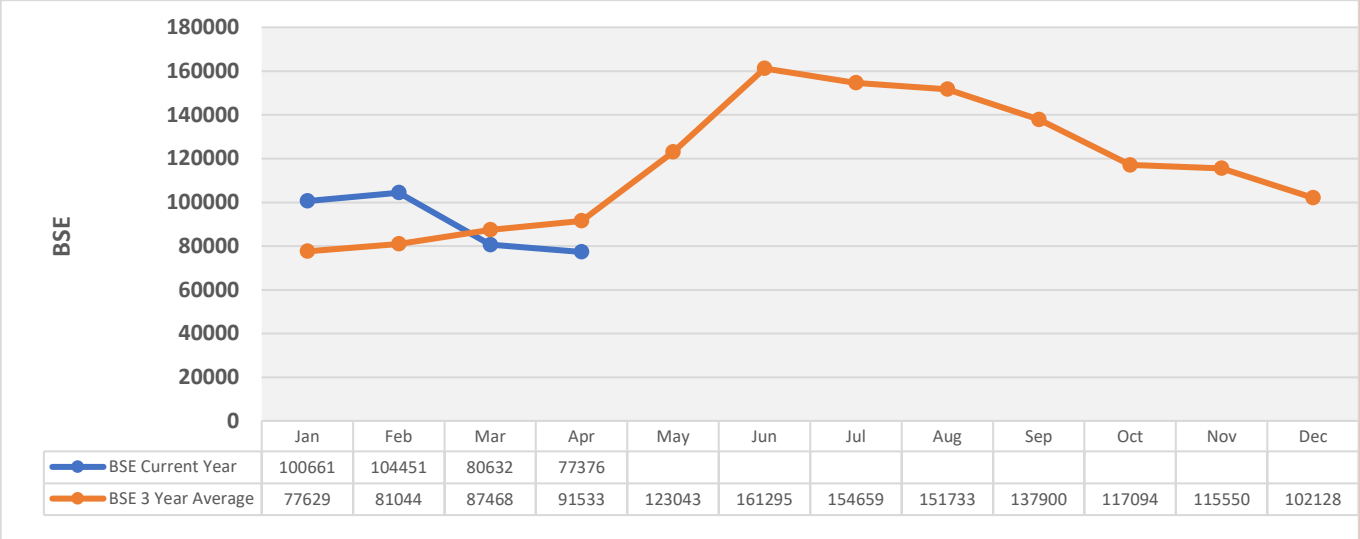
State categorization as per API 2023 status.

INTRODUCTION AND SUMMARY SHEET FOR CATEGORY III

The surveillance information of Malaria of April, 2025 in Category III States/UTs is enclosed in this Monthly Malaria Situation Information Report. The various indicators analyzed in this report are *BSE, *TPC, *TPR & *PF.

***BSE (Blood Slide Examination), TPC (Total Positive Cases), PF (Plasmodium falciparum) and TPR (Total Positivity Rate).**

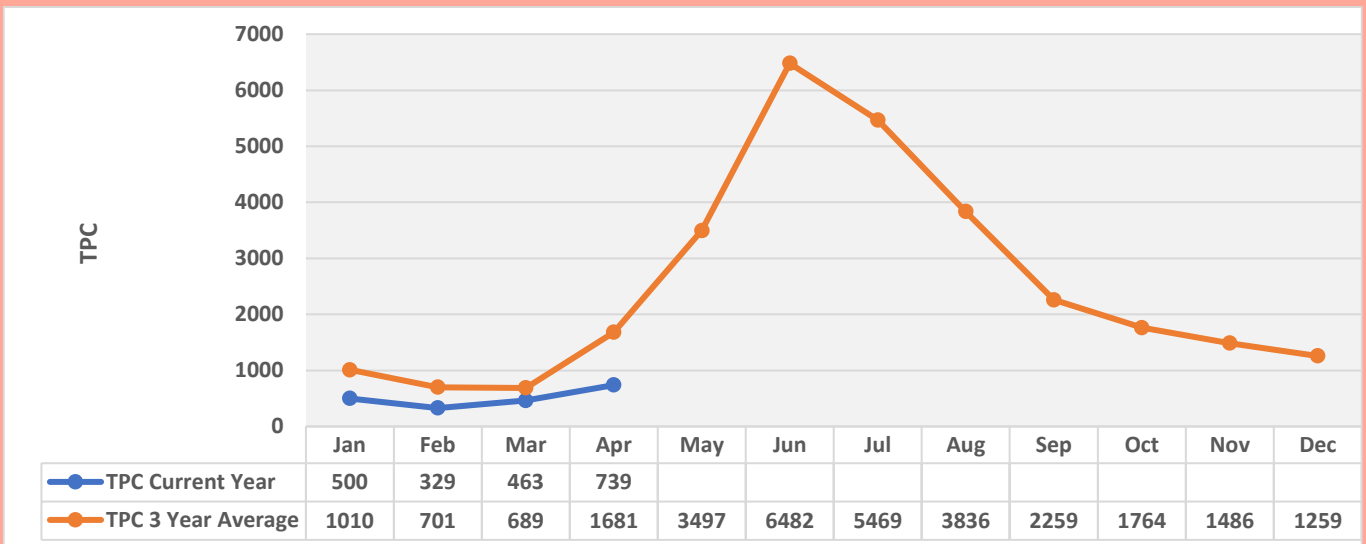
GRAPH 1: MONTH WISE TREND OF BSE IN CATEGORY III STATES/UTs



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BSE Current Year	100661	104451	80632	77376								
BSE 3 Year Average	77629	81044	87468	91533	123043	161295	154659	151733	137900	117094	115550	102128

There is an increase of BSE by 7.54% up to April, 2025 as compared to last three years average cumulative but a decrease of BSE by 6.61% up to April, 2025 vis-à- vis up to April, 2024.

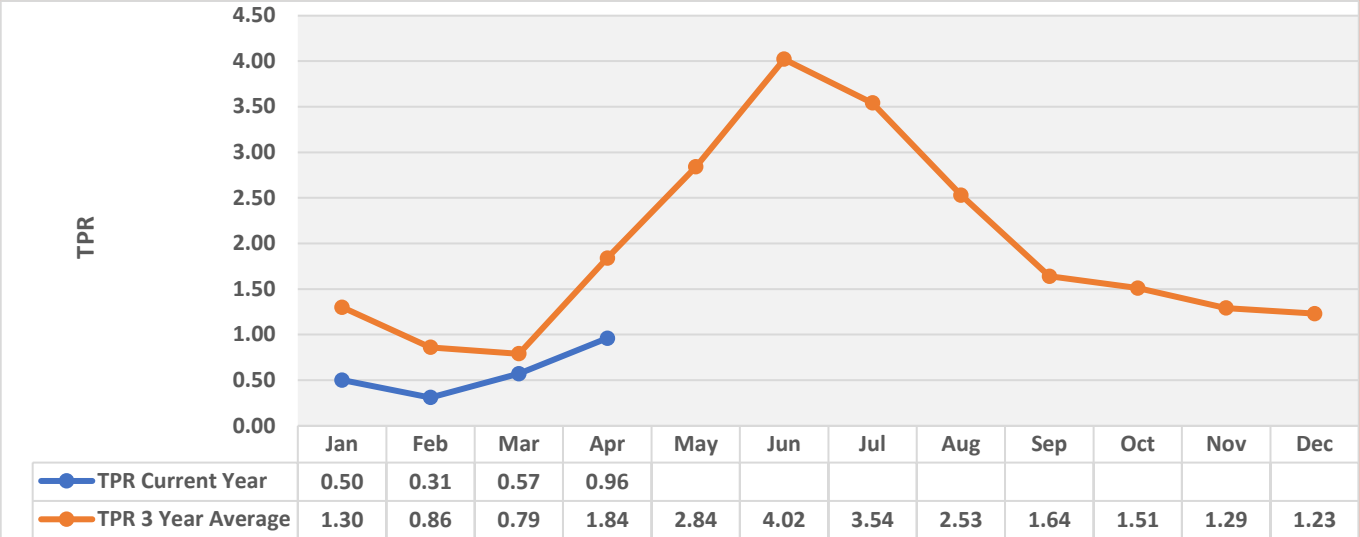
GRAPH 2: MONTH WISE TREND OF TPC IN CATEGORY III STATES/UTs



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TPC Current Year	500	329	463	739								
TPC 3 Year Average	1010	701	689	1681	3497	6482	5469	3836	2259	1764	1486	1259

There is a decrease of TPC by 50.24% up to April, 2025 as compared to last three years average cumulative and also a decrease of TPC by 66.07% up to April, 2025 vis-à- vis up to April, 2024.

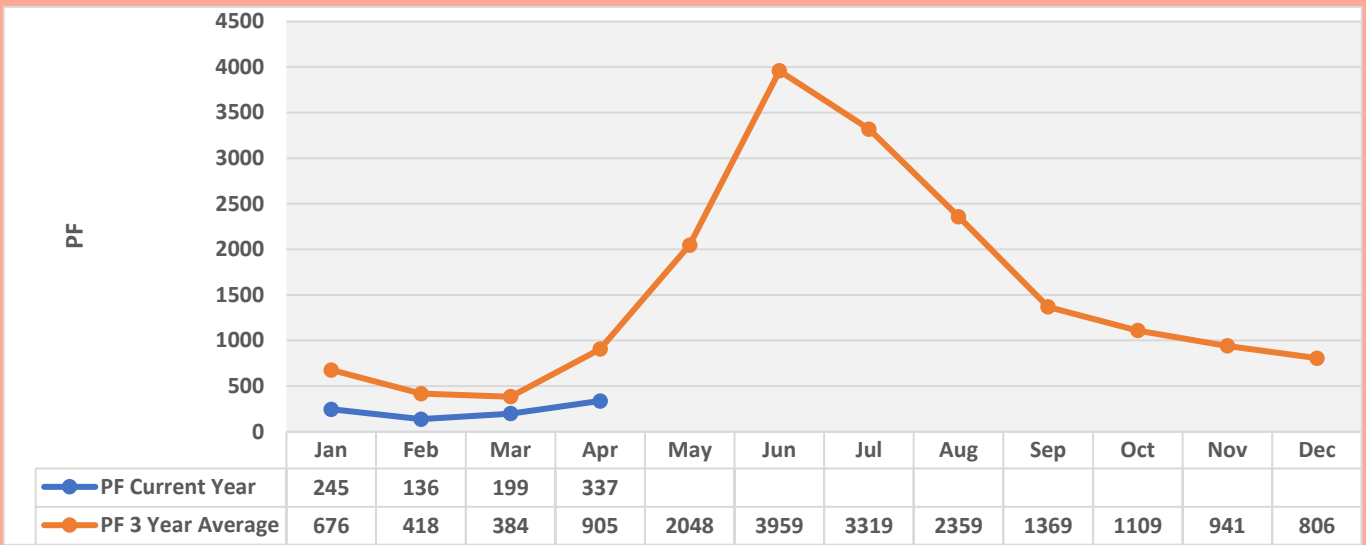
GRAPH 3: MONTH WISE TREND OF TPR IN CATEGORY III STATES/UTs



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TPR Current Year	0.50	0.31	0.57	0.96								
TPR 3 Year Average	1.30	0.86	0.79	1.84	2.84	4.02	3.54	2.53	1.64	1.51	1.29	1.23

The TPR was 0.56 up to April, 2025 as compared to 1.18 last three years average and 1.54 up to April, 2024

GRAPH 4: MONTH WISE TREND OF PF IN CATEGORY III STATES/UTs



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
PF Current Year	245	136	199	337								
PF 3 Year Average	676	418	384	905	2048	3959	3319	2359	1369	1109	941	806

There is a decrease of PF by 61.52% up to April, 2025 as compared to last three years average cumulative and also a decrease of PF by 69.73% up to April, 2025 vis-à- vis up to April, 2024.

List of Districts showing a decrease in Surveillance in Category III States/UTs

SN	States/UTs	Districts/Units showing decrease in Surveillance
1	Mizoram	Siaha, Serchhip, Mamit, Lunglei, Lawngtlai, Kolasib, Champhai, Aizawl
2	Tripura	West Tripura, Sepahijala, North Tripura, Gomati, Dhalai

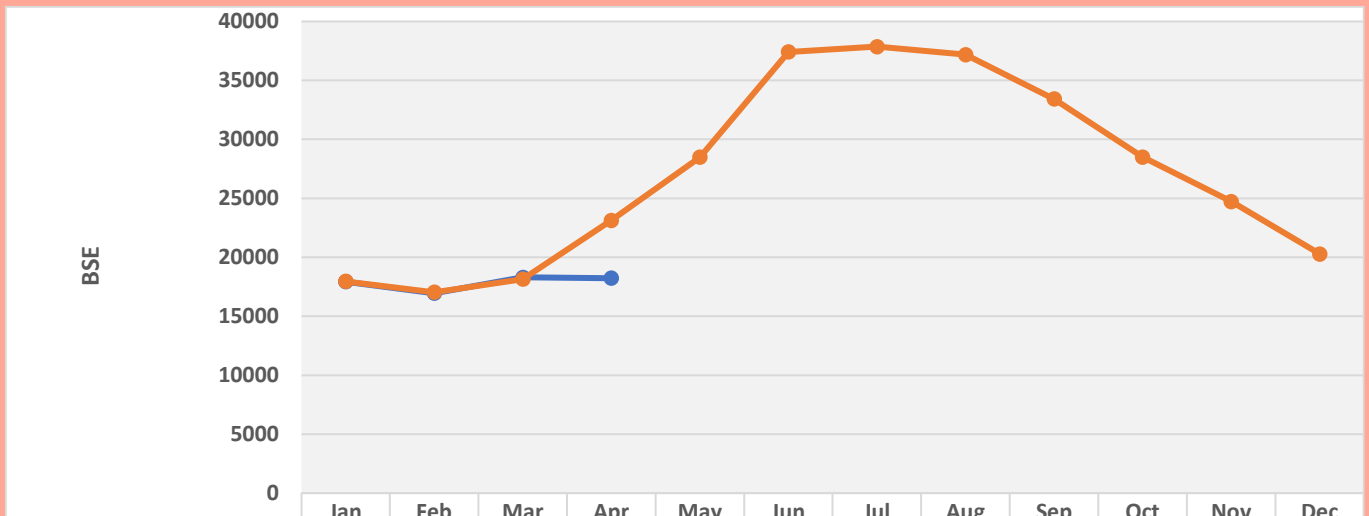
Current month data is compared with same month previous year data.

Action points for all Category III States/UTs:

- States/UTs need to perform data analysis at sub district level to identify hotspots and implementing focal strategies.
- States/UTs need preparedness and response for any Malaria outbreak.
- States/UTs need to intensify monitoring & supervision activities.
- States/UTs need to ensure >80% usage of LLIN by community.
- States/UTs need to intensify vector control measures by identifying potential vector breeding sites, environmental management, biological control and focus based adult vector intervention.

MIZORAM

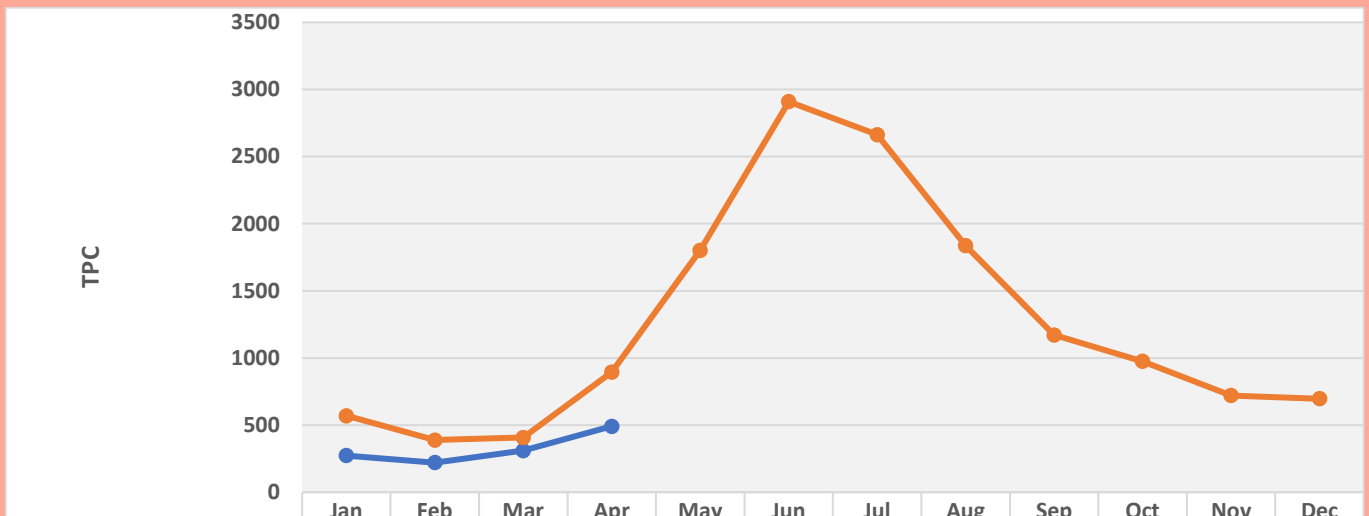
GRAPH 1: MONTH WISE TREND OF BSE IN MIZORAM



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BSE Current Year	17934	16950	18293	18233								
BSE 3 Year Average	17954	17035	18147	23126	28487	37417	37863	37180	33422	28496	24726	20284

There is a decrease of BSE by 6.36% up to April, 2025 as compared to last three years average cumulative and also a decrease of BSE by 13.73% up to April, 2025 vis-à- vis up to April, 2024.

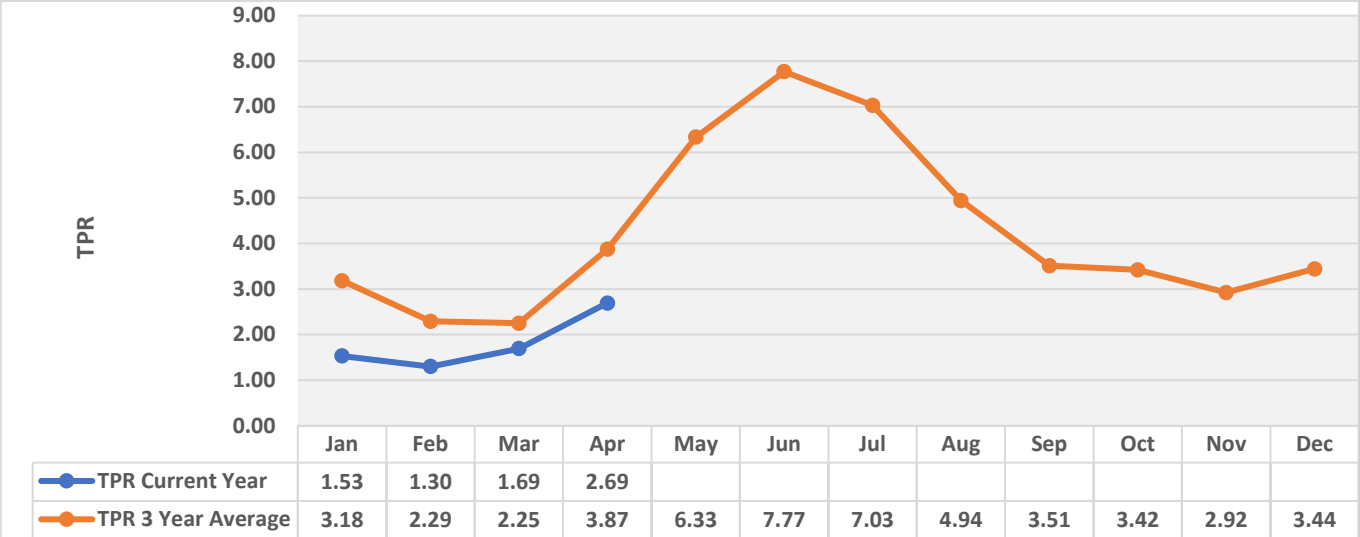
GRAPH 2: MONTH WISE TREND OF TPC IN MIZORAM



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TPC Current Year	274	221	310	491								
TPC 3 Year Average	570	389	408	894	1802	2909	2663	1836	1172	975	721	697

There is a decrease of TPC by 42.69% up to April, 2025 as compared to last three years average cumulative and also a decrease of TPC by 70.02% up to April, 2025 vis-à- vis up to April, 2024.

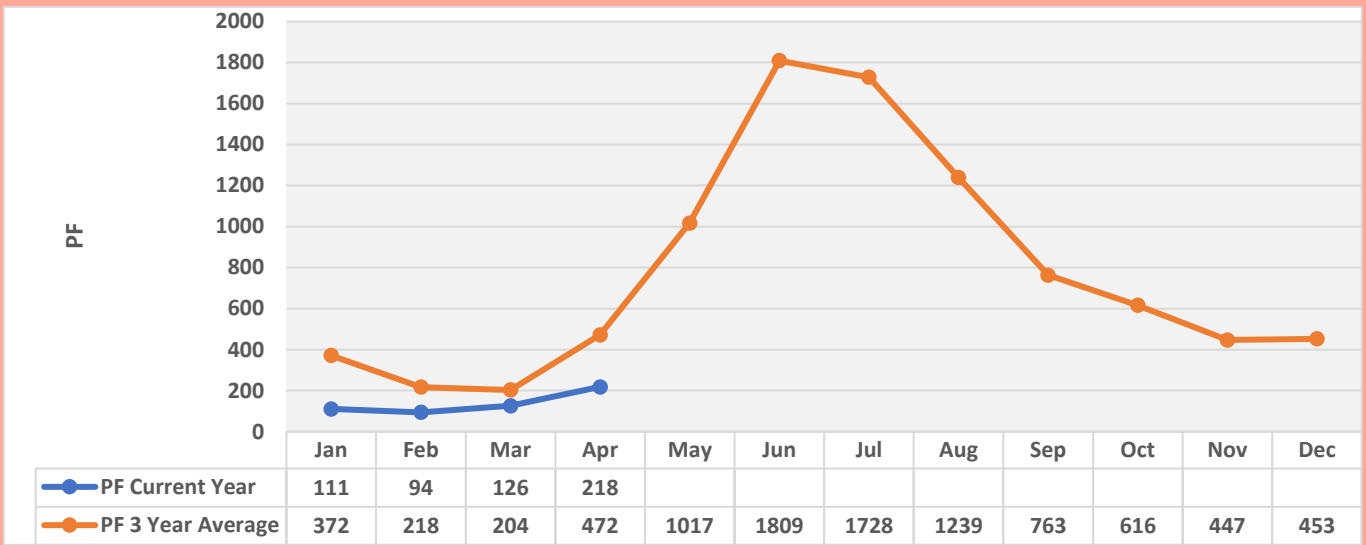
GRAPH 3: MONTH WISE TREND OF TPR IN MIZORAM



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TPR Current Year	1.53	1.30	1.69	2.69								
TPR 3 Year Average	3.18	2.29	2.25	3.87	6.33	7.77	7.03	4.94	3.51	3.42	2.92	3.44

The TPR was 1.81 up to April, 2025 as compared to 2.82 last three years average and 5.22 up to April, 2024

GRAPH 4: MONTH WISE TREND OF PF IN MIZORAM

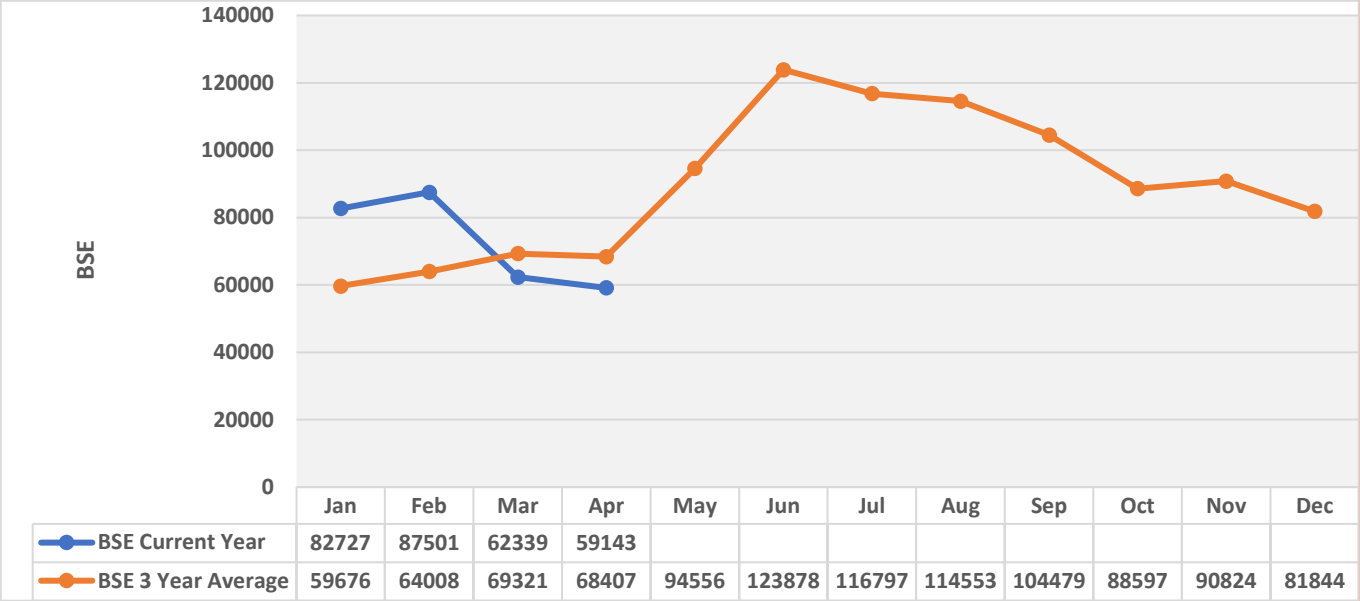


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
PF Current Year	111	94	126	218								
PF 3 Year Average	372	218	204	472	1017	1809	1728	1239	763	616	447	453

There is a decrease of PF by 56.6% up to April, 2025 as compared to last three years average cumulative and also a decrease of PF by 75.58% up to April, 2025 vis-à- vis up to April, 2024.

TRIPURA

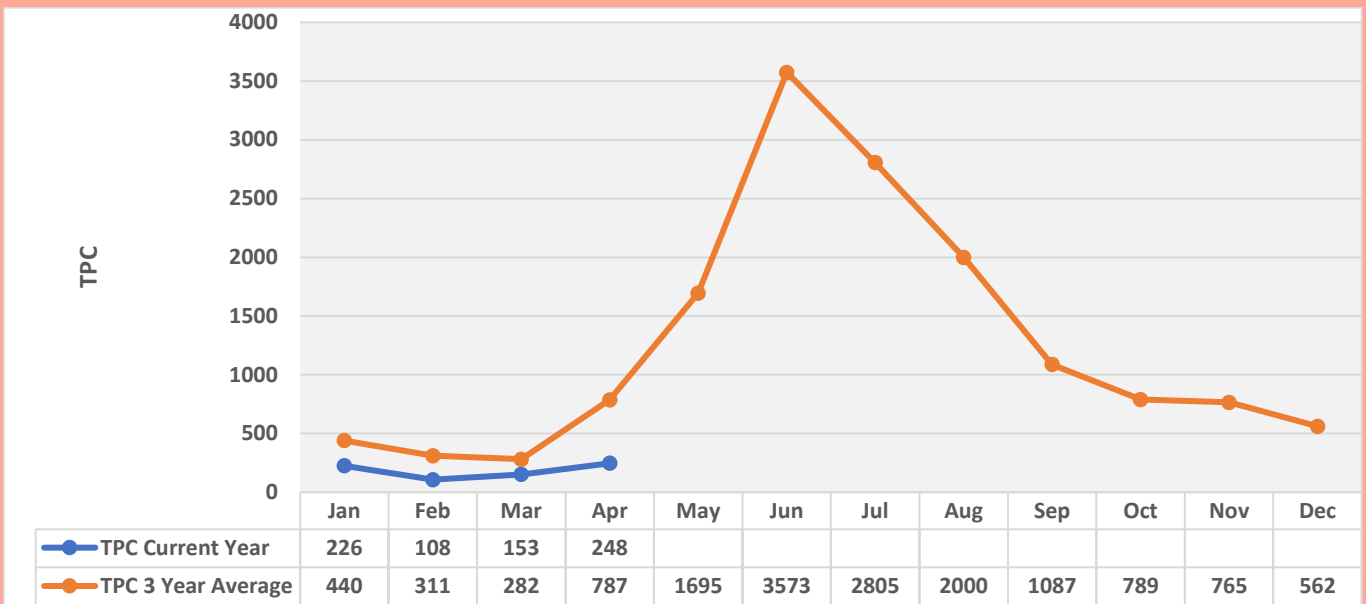
GRAPH 1: MONTH WISE TREND OF BSE IN TRIPURA



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BSE Current Year	82727	87501	62339	59143								
BSE 3 Year Average	59676	64008	69321	68407	94556	123878	116797	114553	104479	88597	90824	81844

There is an increase of BSE by 11.59% up to April, 2025 as compared to last three years average cumulative but a decrease of BSE by 4.68% up to April, 2025 vis-à- vis up to April, 2024.

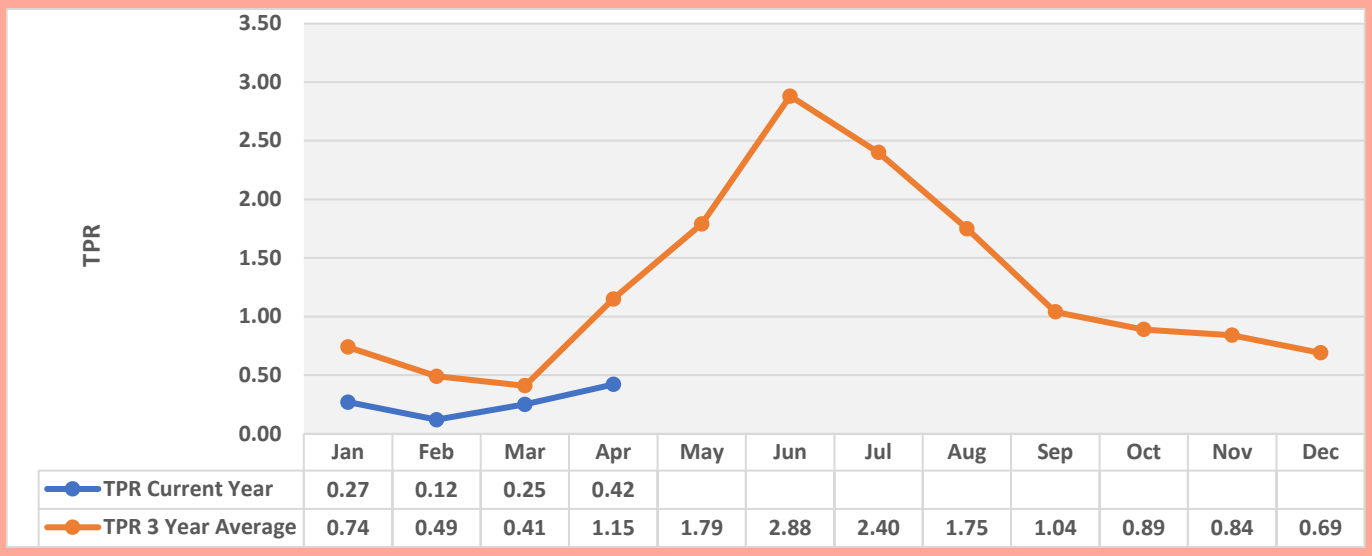
GRAPH 2: MONTH WISE TREND OF TPC IN TRIPURA



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TPC Current Year	226	108	153	248								
TPC 3 Year Average	440	311	282	787	1695	3573	2805	2000	1087	789	765	562

There is a decrease of TPC by 59.62% up to April, 2025 as compared to last three years average cumulative and also a decrease of TPC by 55.78% up to April, 2025 vis-à- vis up to April, 2024.

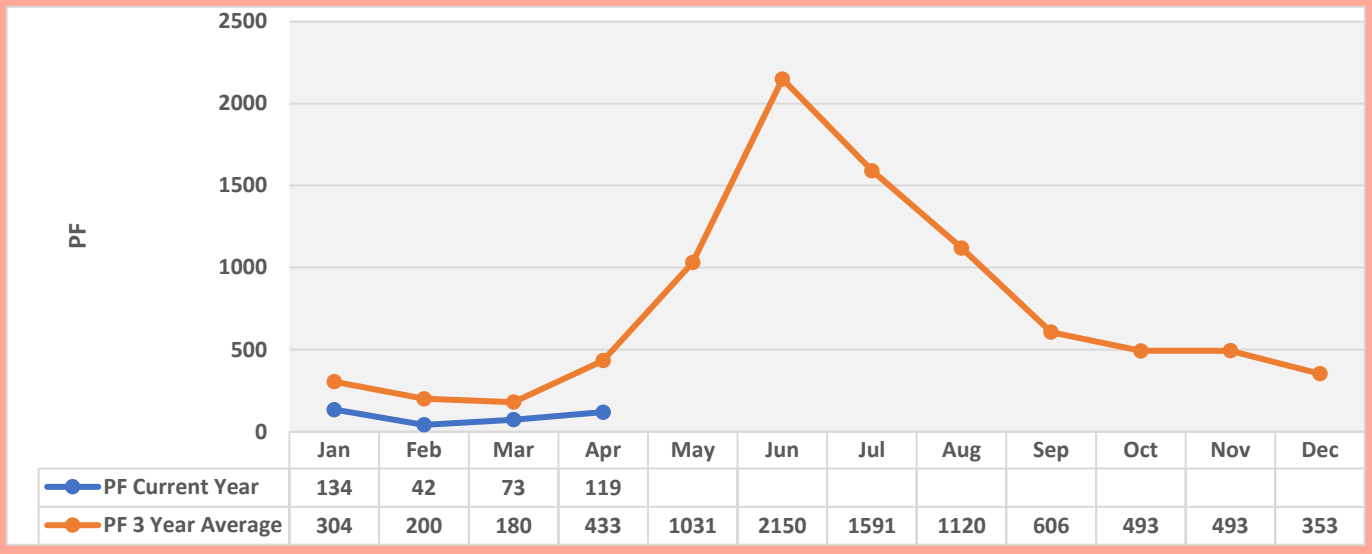
GRAPH 3: MONTH WISE TREND OF TPR IN TRIPURA



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TPR Current Year	0.27	0.12	0.25	0.42								
TPR 3 Year Average	0.74	0.49	0.41	1.15	1.79	2.88	2.40	1.75	1.04	0.89	0.84	0.69

The TPR was 0.25 up to April, 2025 as compared to 0.72 last three years average and 0.54 up to April, 2024

GRAPH 4: MONTH WISE TREND OF PF IN TRIPURA



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
PF Current Year	134	42	73	119								
PF 3 Year Average	304	200	180	433	1031	2150	1591	1120	606	493	493	353

There is a decrease of PF by 67.08% up to April, 2025 as compared to last three years average cumulative and also a decrease of PF by 52.88% up to April, 2025 vis-à- vis up to April, 2024.

S. N	Area	Indicator
1	Surveillance/ case finding	No of Fever cases, No of Malaria cases, No of Pf cases
2	Surveillance/ case finding	Annual Blood Smear Examination Rate (ABER) should be more than 1%of population
3	Surveillance/ case finding	Annual Blood Smear Examination Rate (ABER) should be more than 10%of population
4	Disease burden & impact	Annual Parasite Incidence (API)
5	Disease burden & impact	Annual Falciparum Incidence (AFI)
6	Disease burden & impact	Slide Positivity Rate (SPR): Is independent of surveillance activity, therefore a better indicator for impact assessment
7	Disease burden & impact	Slide Falciparum Rate (SFR): It is independent of surveillance and indicates Pf preponderance
8	Disease burden & impact	Pf percentage (Pf%): Indicates trends in proportion of cases due to Pf out of total cases
	Input	**% of Additional Staff in Place (MTS, LT, DVBD Consultant)**
9	Input	No of RDTs & ACTs planned versus received & used.
10	Input	% of spray equipment in working condition
11	Input	% of spray workers trained
	Process	**BCC Activities**
12	Process	% of facilities (SC and PHC) / village level functionaries (ASHA, AWW) reporting stock-out of antimalarials lasting more than 15 days during the quarter
13	Process	% of MPHW/ASHA/other volunteers trained for use of RDT / ACT
14	Process	% of diagnostic facilities functional with microscopy/RDT in the last reporting period
15	Output	Nets treated once/twice in a year
16	Output	% of eligible villages covered by ITN,Should be 80% or more
17	Output	Insecticide use
18	Outcome	IRS coverage – Population (%) should be 80% or more
19	Outcome	IRS coverage – Rooms %
20	Outcome	% of fever cases who were tested for malaria by microscopy/ RDT with a positive test result for RDT and were started on treatment no later than the next day with ACT
21	Outcome	% of households in which beneficiaries reported having slept under ITNs/ LLINs previous night
22	Outcome	% of PHC sampled in which utilization of ITNs/ LLINs was more than 80%