



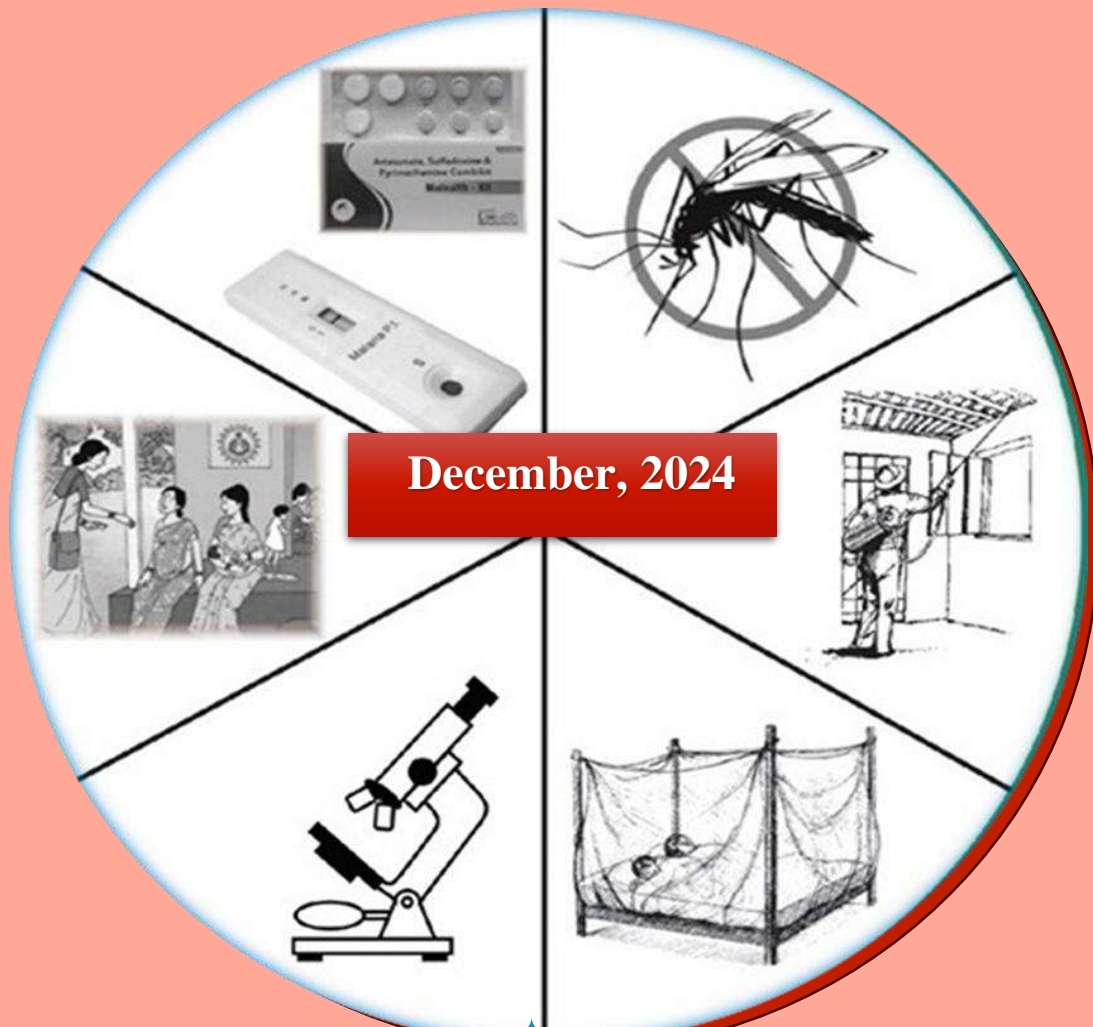
National Center for Vector Borne Diseases Control
Directorate General of Health Services
Ministry of Health & Family Welfare, Government of India



MONTHLY MALARIA SITUATION

CATEGORY – III

STATES/UTs



Monitoring and Evaluation Division

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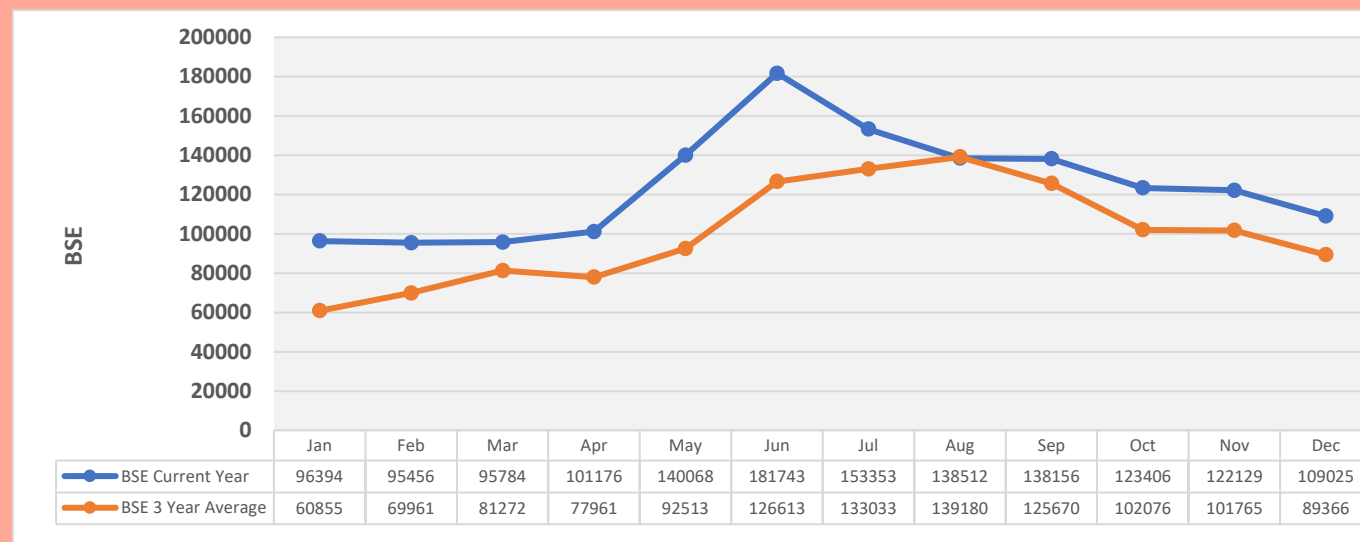
State categorization as per API 2023 status.

INTRODUCTION AND SUMMARY SHEET FOR CATEGORY III

The surveillance information of Malaria of December, 2024 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.

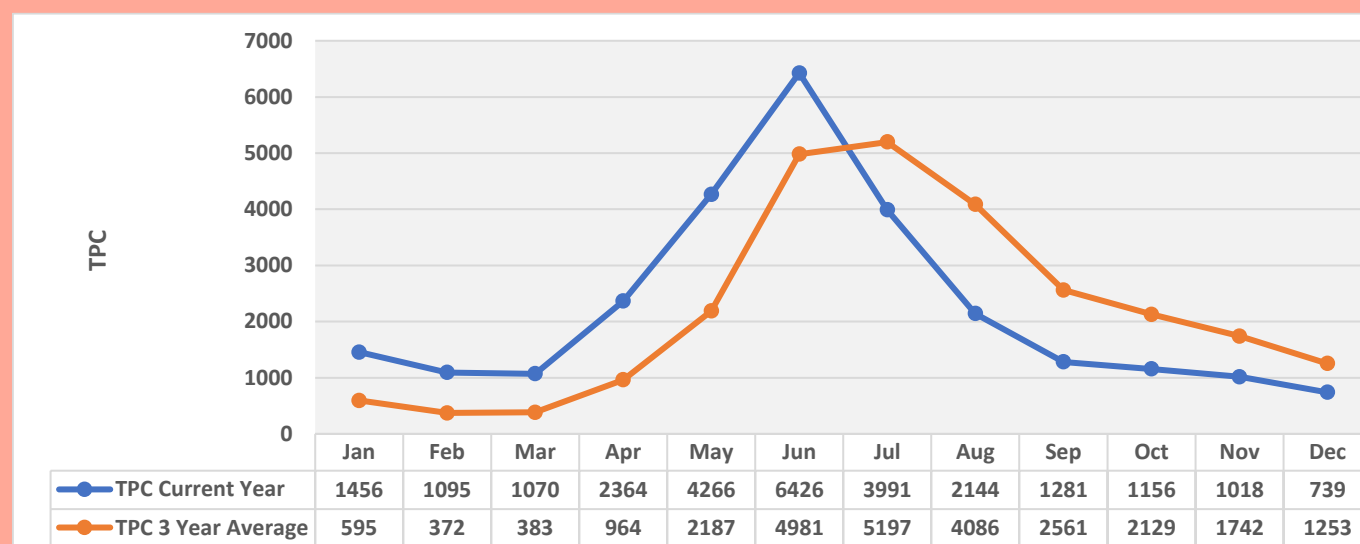
*BSE (Blood Slide Examination), TPC (Total Positive Cases), PF (Plasmodium falciparum) and TPR (Total Positivity Rate).

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



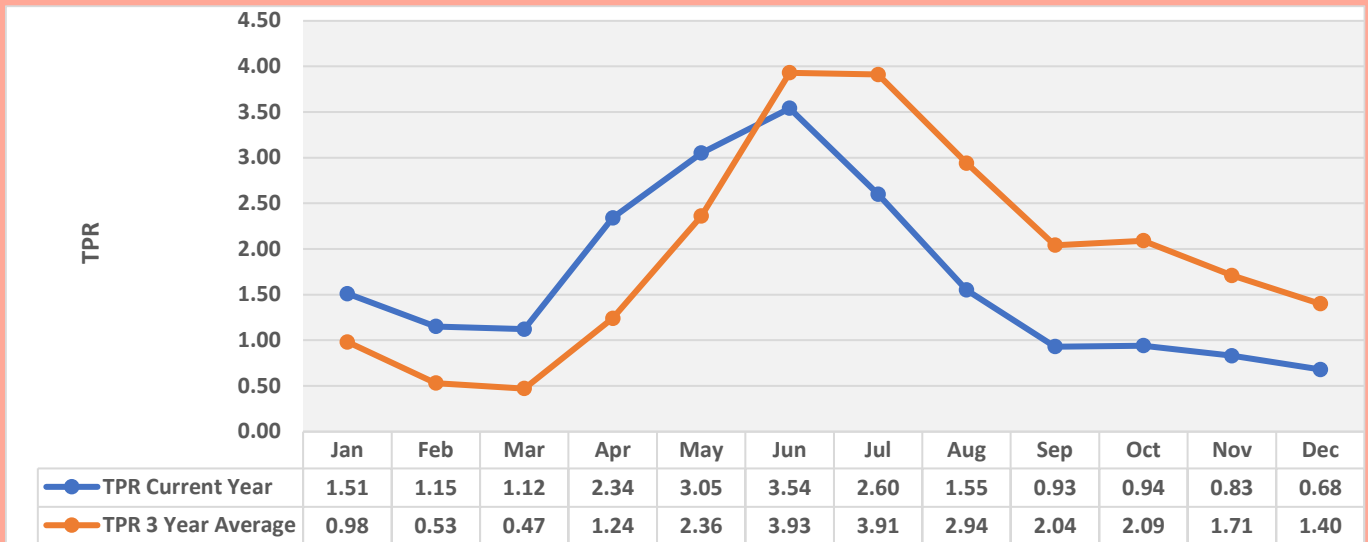
There is an increase of BSE by 24.57% up to December, 2024 as compared to last three years average cumulative but a decrease of BSE by 1.31% up to December, 2024 vis-à-vis up to December, 2023.

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



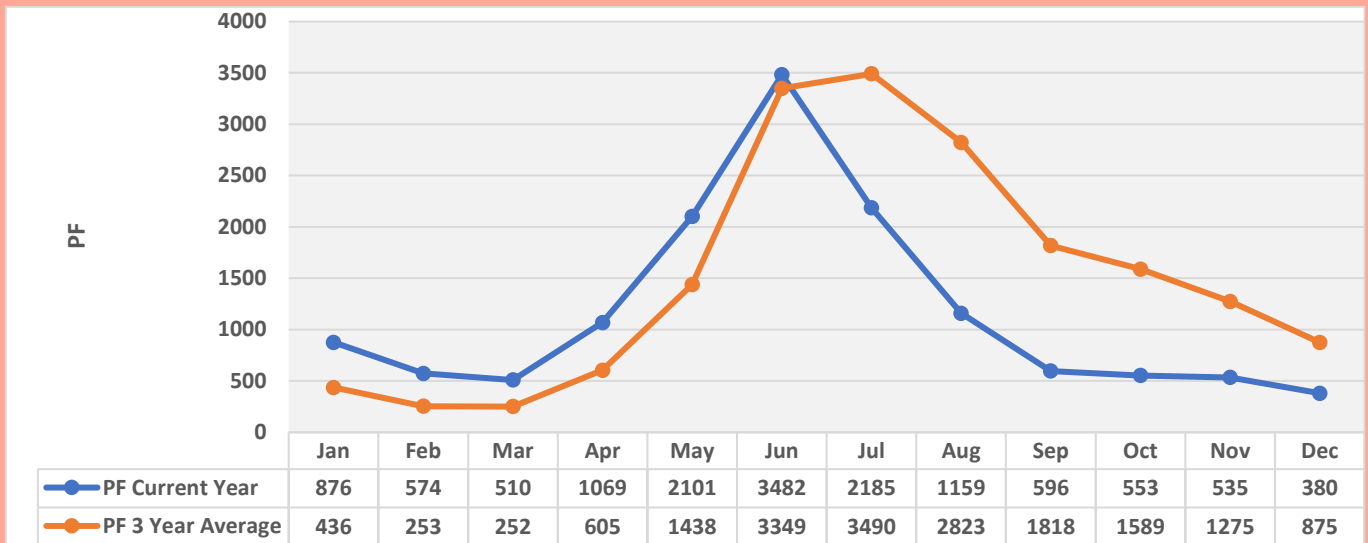
There is an increase of TPC by 2.1% up to December, 2024 as compared to last three years average cumulative but a decrease of TPC by 33.16% up to December, 2024 vis-à-vis up to December, 2023.

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



The TPR was 1.81 up to December, 2024 as compared to 2.13 last three years average and 2.67 up to December, 2023

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



There is a decrease of PF by 22.98% up to December, 2024 as compared to last three years average cumulative and also a decrease of PF by 41.59% up to December, 2024 vis-à-vis up to December, 2023.

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	South Tripura, Sepahijala, Gomati, Dhalai

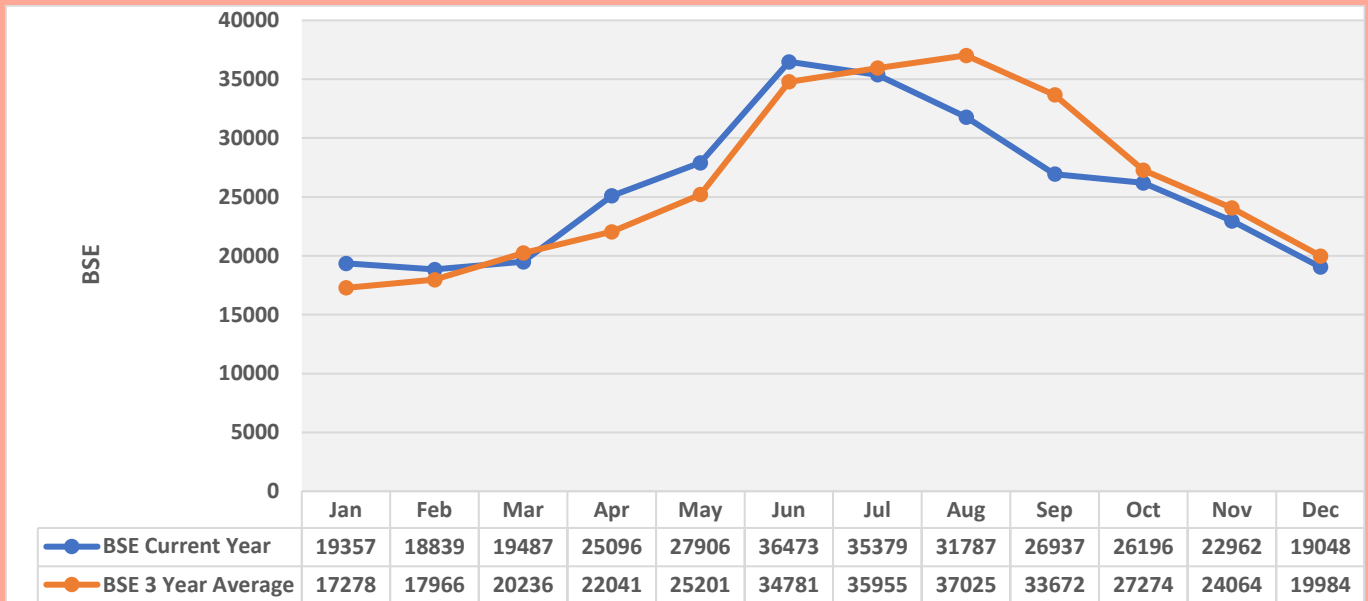
Current month data is compared with same month previous year data.

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.

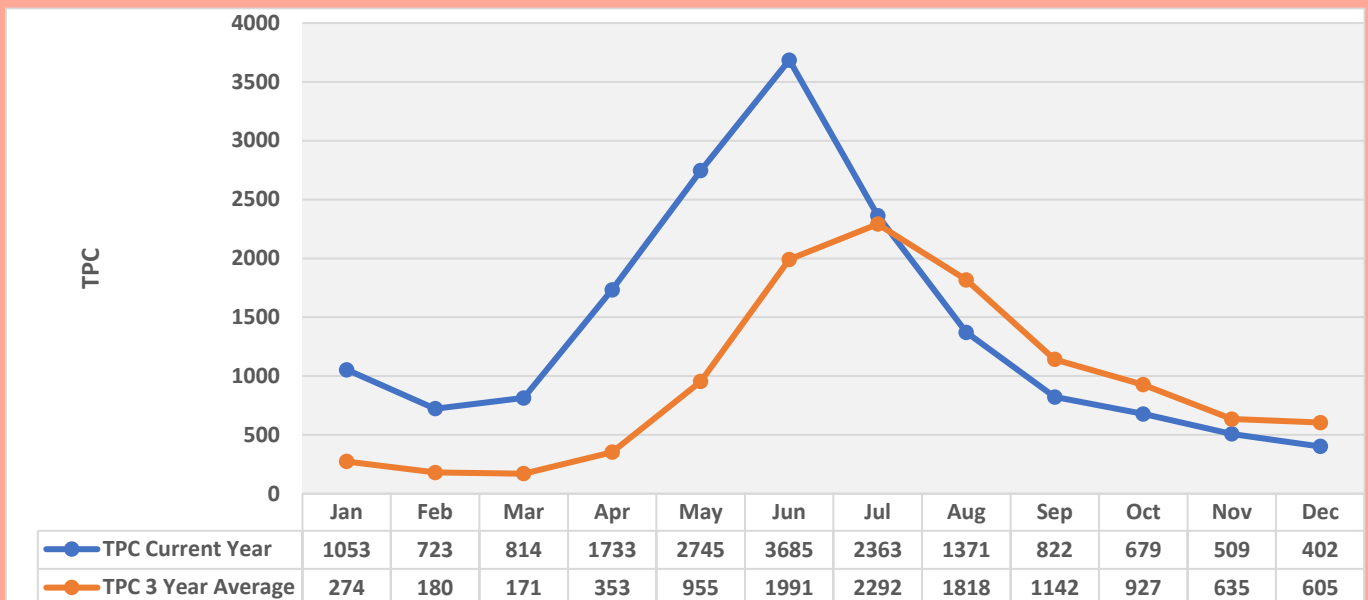
MIZORAM

GRAPH 1: MONTH WISE TREND OF BSE IN MIZORAM



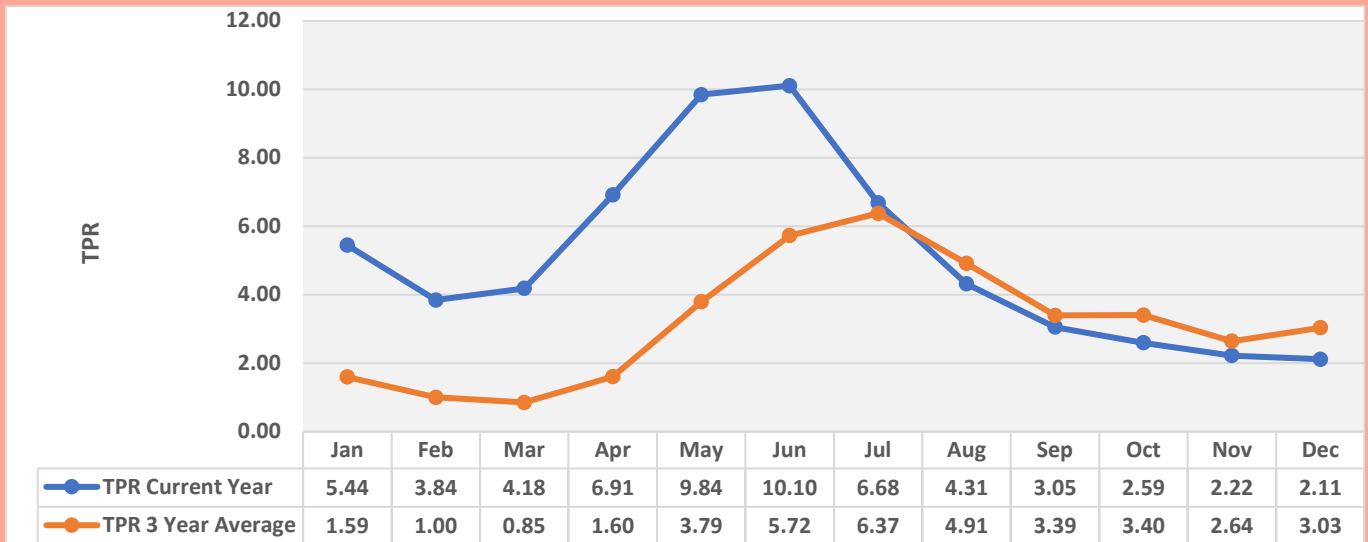
There is a decrease of BSE by 1.91% up to December, 2024 as compared to last three years average cumulative and also a decrease of BSE by 9.3% up to December, 2024 vis-à-vis up to December, 2023.

GRAPH 2: MONTH WISE TREND OF TPC IN MIZORAM



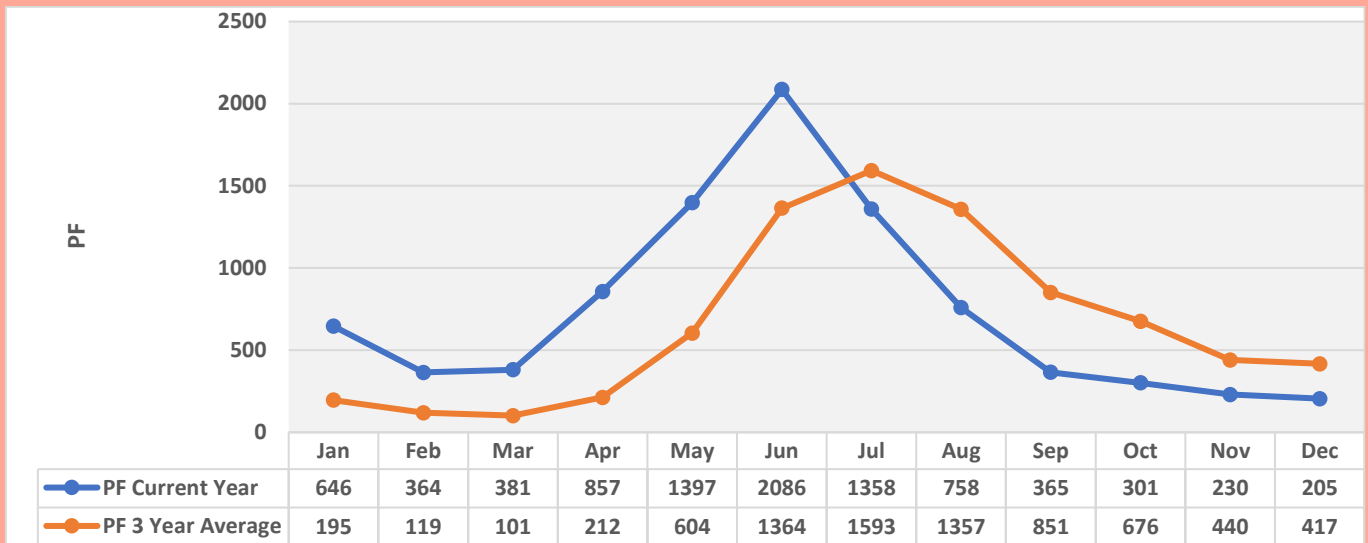
There is an increase of TPC by 48.98% up to December, 2024 as compared to last three years average cumulative but a decrease of TPC by 6.07% up to December, 2024 vis-à-vis up to December, 2023.

GRAPH 3: MONTH WISE TREND OF TPR IN MIZORAM



The TPR was 5.46 up to December, 2024 as compared to 3.5 last three years average and 5.27 up to December, 2023

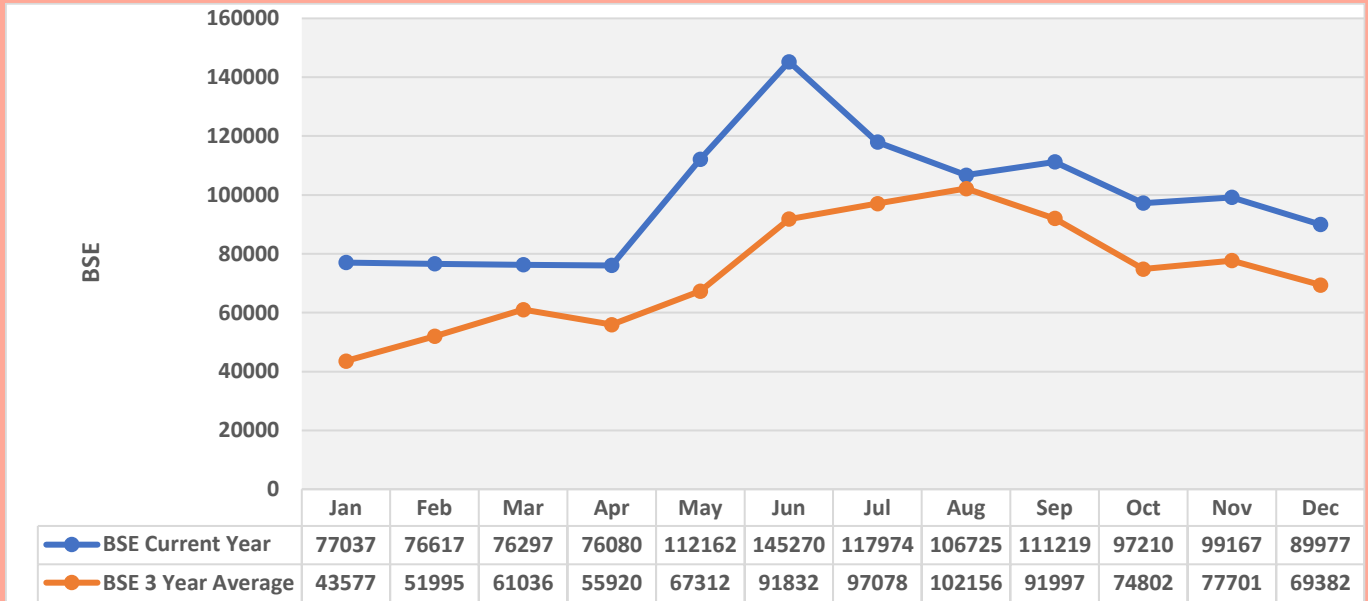
GRAPH 4: MONTH WISE TREND OF PF IN MIZORAM



There is an increase of PF by 12.84% up to December, 2024 as compared to last three years average cumulative but a decrease of PF by 22.76% up to December, 2024 vis-à-vis up to December, 2023.

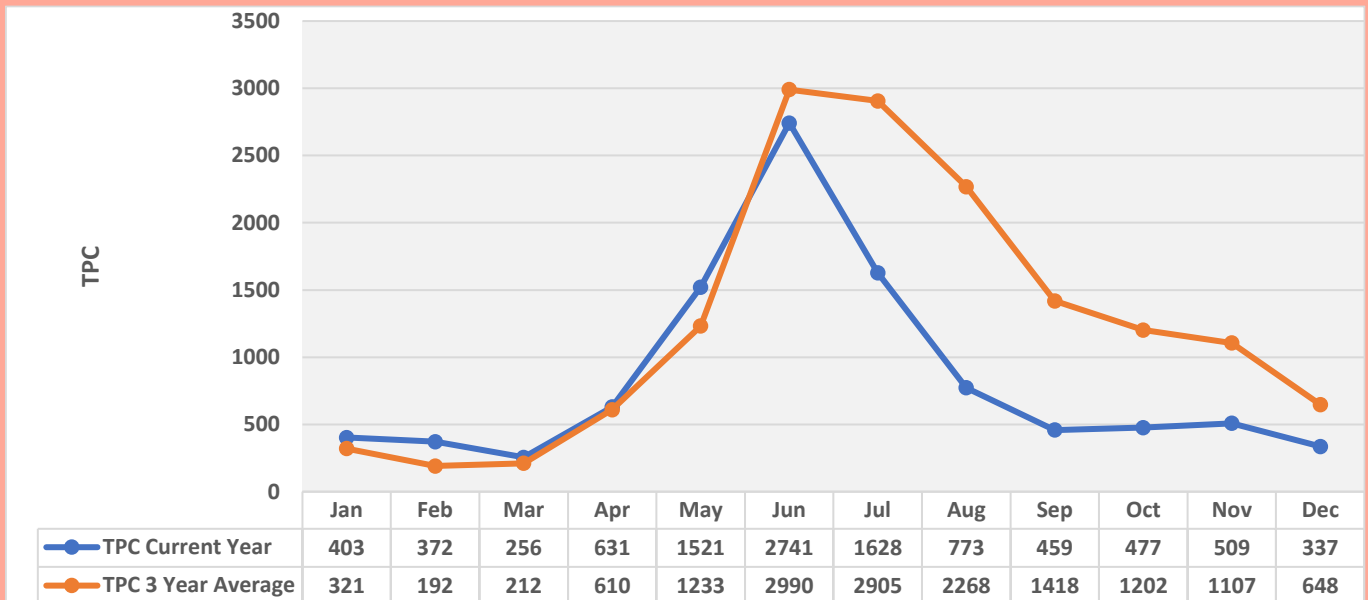
TRIPURA

GRAPH 1: MONTH WISE TREND OF BSE IN TRIPURA



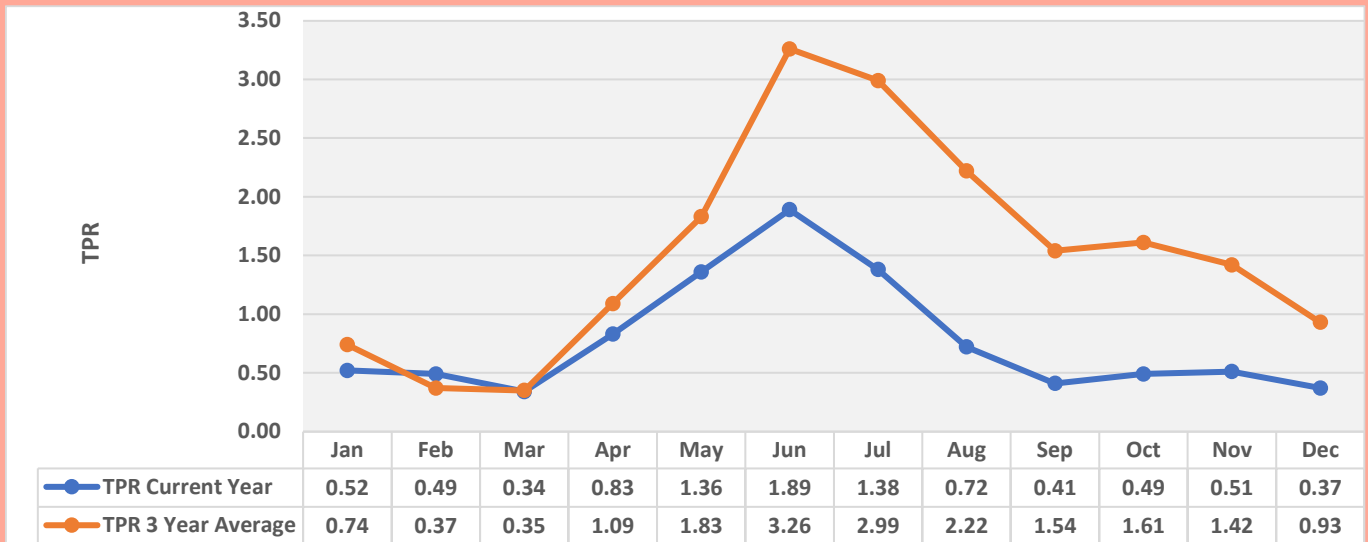
There is an increase of BSE by 34.01% up to December, 2024 as compared to last three years average cumulative and also an increase of BSE by 1.02% up to December, 2024 vis-à-vis up to December, 2023.

GRAPH 2: MONTH WISE TREND OF TPC IN TRIPURA



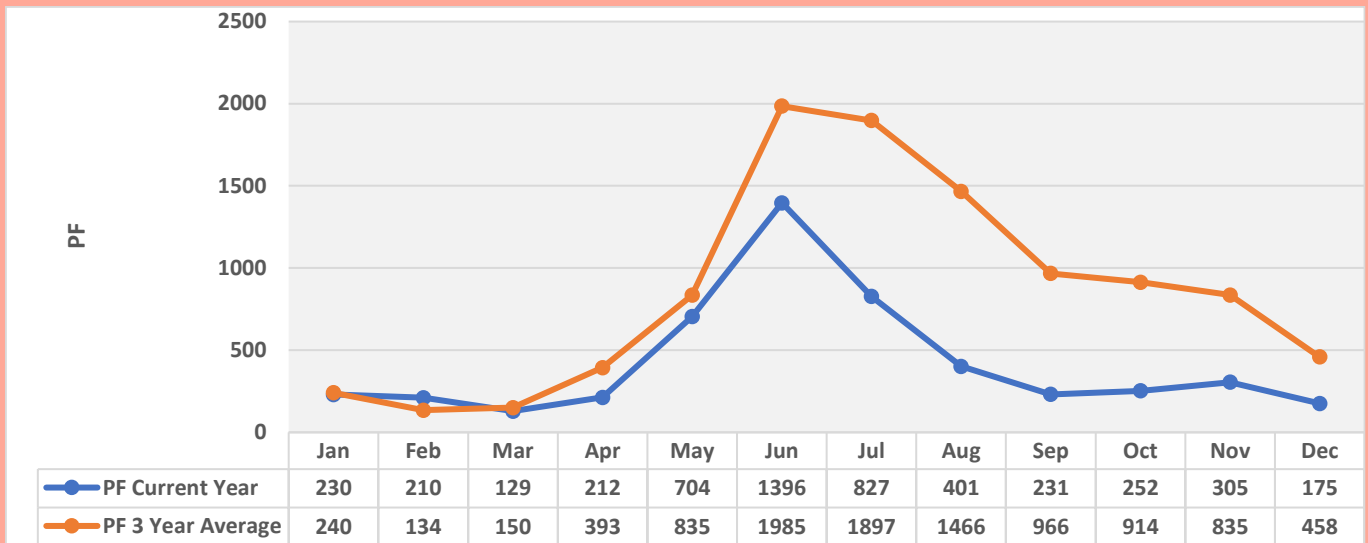
There is a decrease of TPC by 33.09% up to December, 2024 as compared to last three years average cumulative and also a decrease of TPC by 54.9% up to December, 2024 vis-à-vis up to December, 2023.

GRAPH 3: MONTH WISE TREND OF TPR IN TRIPURA



The TPR was 0.85 up to December, 2024 as compared to 1.68 last three years average and 1.91 up to December, 2023

GRAPH 4: MONTH WISE TREND OF PF IN TRIPURA



There is a decrease of PF by 50.63% up to December, 2024 as compared to last three years average cumulative and also a decrease of PF by 59.16% up to December, 2024 vis-à-vis up to December, 2023.

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 MPH/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%