



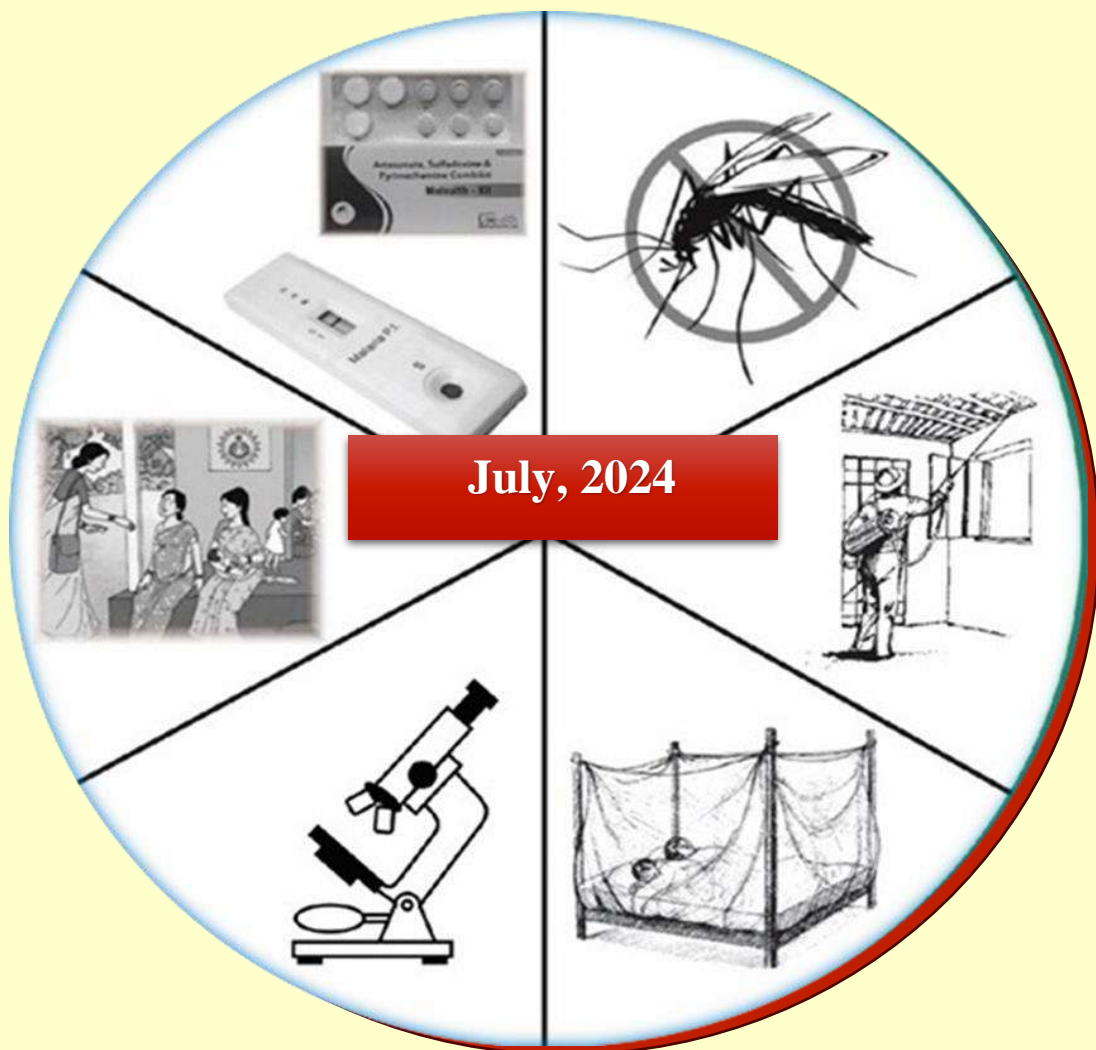
National Center for Vector Borne Diseases Control  
Directorate General of Health Services  
Ministry of Health & Family Welfare, Government of India



# MONTHLY MALARIA SITUATION

## CATEGORY – II

### STATES/UTs



Monitoring and Evaluation Division

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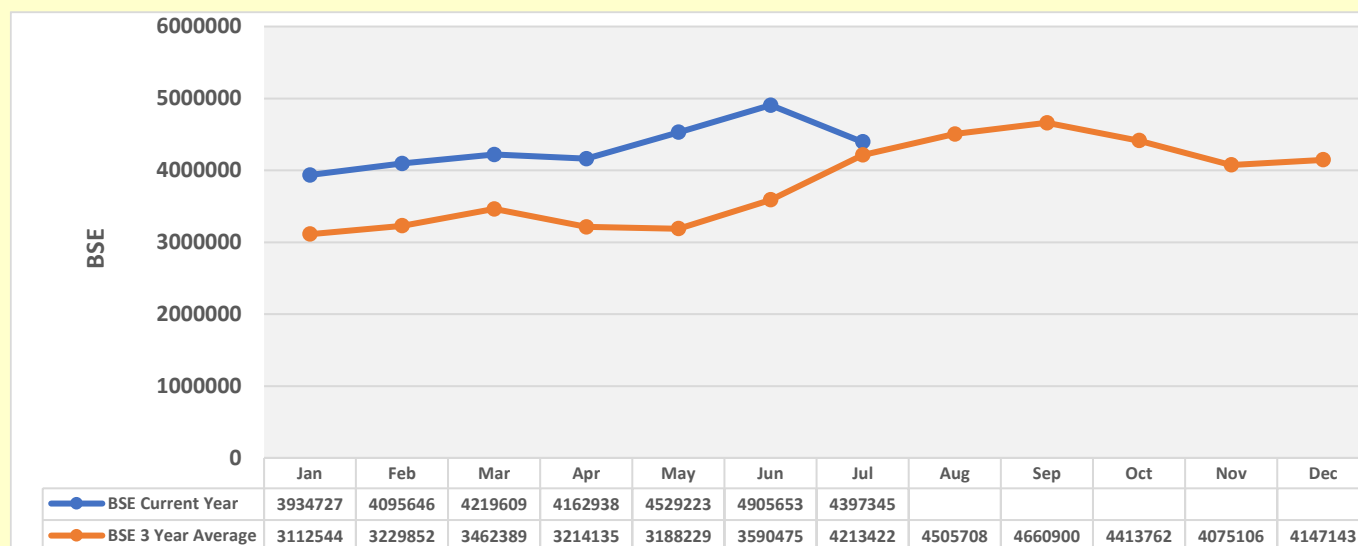
*State categorization as per API 2021 status.*

# INTRODUCTION AND SUMMARY SHEET FOR CATEGORY II

The surveillance information of Malaria of July, 2024 in Category II States/UTs is enclosed in this Monthly Malaria Situation Information Report. The various indicators analyzed in this report are \*BSE, \*TPC, \*TPR & \*PF.

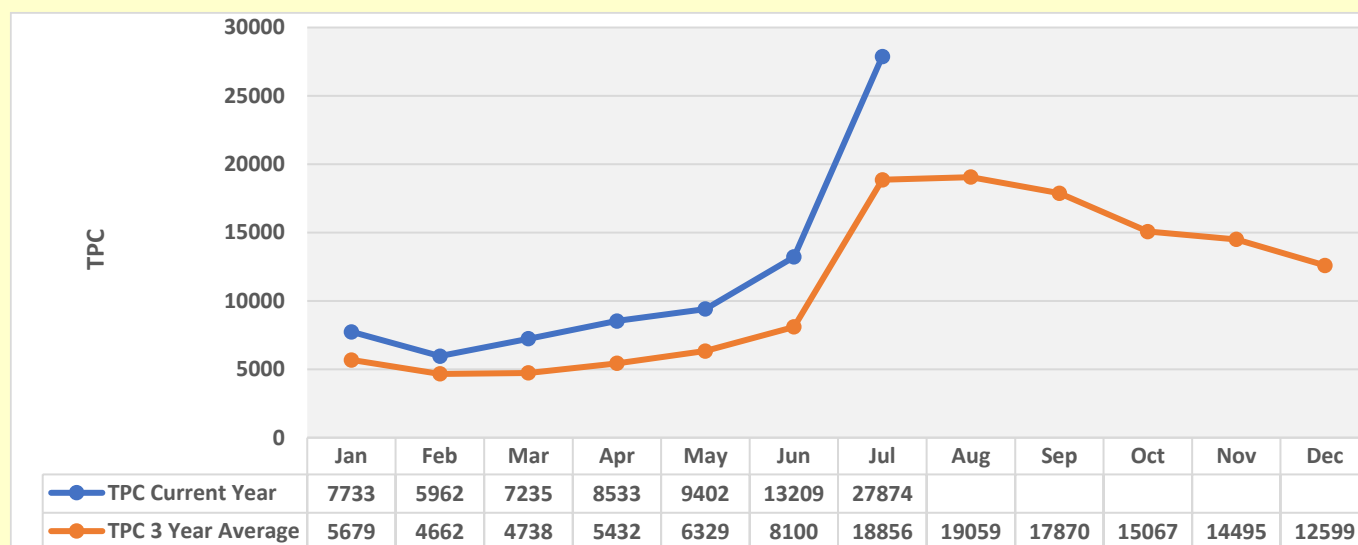
\*BSE (Blood Slide Examination), TPC (Total Positive Cases), PF (Plasmodium falciparum) and TPR (Total Positivity Rate).

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



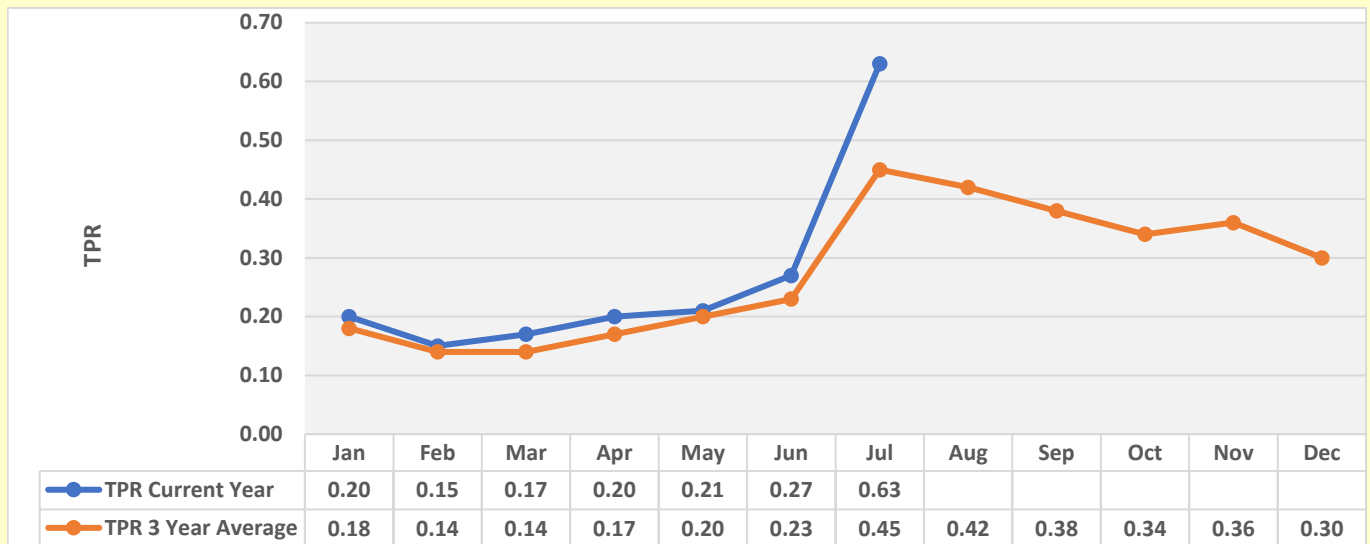
There is an increase of BSE by 25.96% up to July, 2024 as compared to last three years average cumulative and also an increase of BSE by 3.97% up to July, 2024 vis-à-vis up to July, 2023.

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



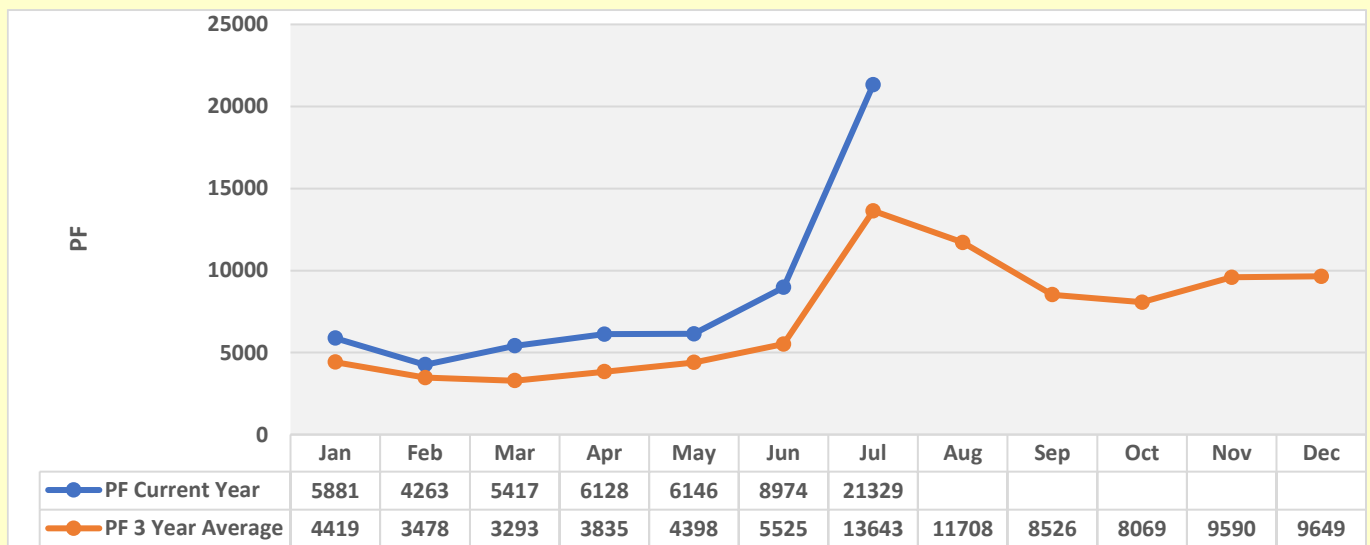
There is an increase of TPC by 48.61% up to July, 2024 as compared to last three years average cumulative and also an increase of TPC by 31.68% up to July, 2024 vis-à-vis up to July, 2023.

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



The TPR was 0.26 up to July, 2024 as compared to 0.23 last three years average and 0.21 up to July, 2023

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



There is an increase of PF by 50.65% up to July, 2024 as compared to last three years average cumulative and also an increase of PF by 32.06% up to July, 2024 vis-à-vis up to July, 2023.

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

SN	States/UTs	Districts/Units showing decrease in Surveillance
1	Chhattisgarh	Sukma, RajnandGaon, Raigarh, Korea, Janjgir-Champa
2	Jharkhand	Jamtara, Deoghar
3	Maharashtra	Raigad, Latur
4	Meghalaya	West Khasi Hills
5	West Bengal	Jalpaiguri, Alipurduar

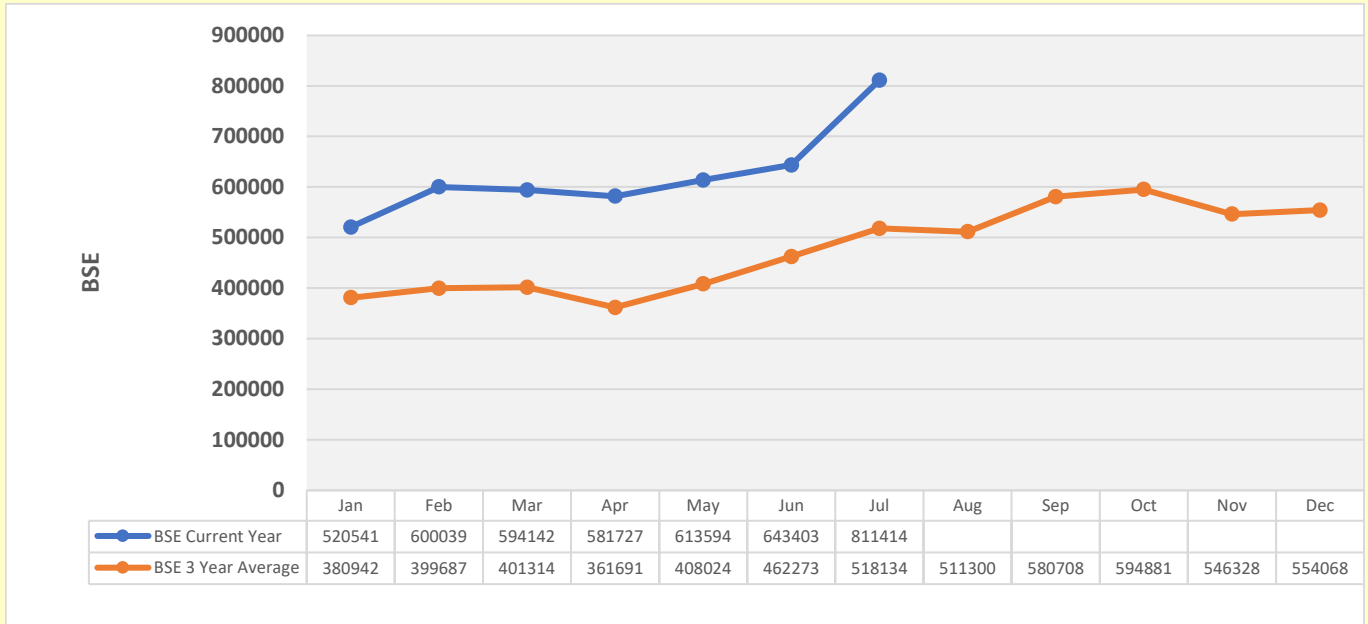
*Current month data is compared with same month previous year data.*

**Action points for all Category II States/UTs:**

- States /UTs need to share the detailed case reports regarding any COVID19- Malaria co-infections reported in the state.
- States/UTs need to focus on improving Malaria surveillance along with COVID19 activities.
- States/UTs need to perform data analysis at sub district level to identify hotspots and implement focal strategies.
- States/UTs need to focus on surveillance of migratory workers.
- States/UTs need to conduct regular meetings of district and state task force for Malaria Elimination.
- States/UTs need preparedness and response for any Malaria outbreak.
- States/UTs need to intensify monitoring and 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 control measures.

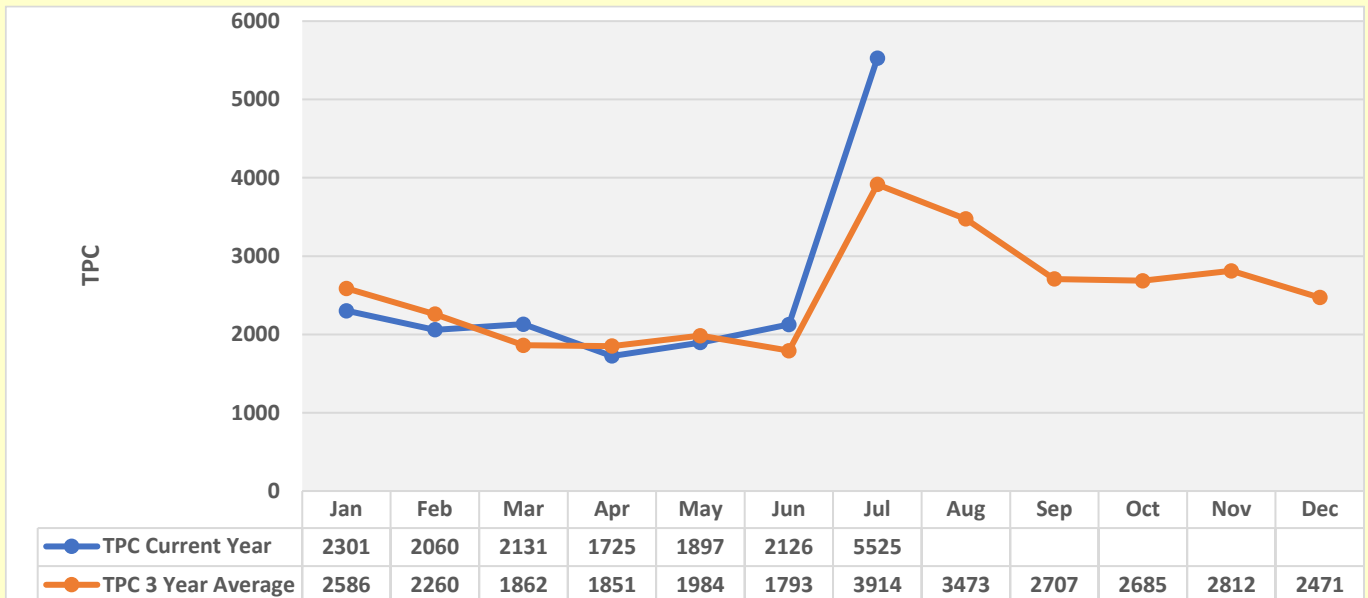
# CHHATTISGARH

**GRAPH 1: MONTH WISE TREND OF BSE IN CHHATTISGARH**



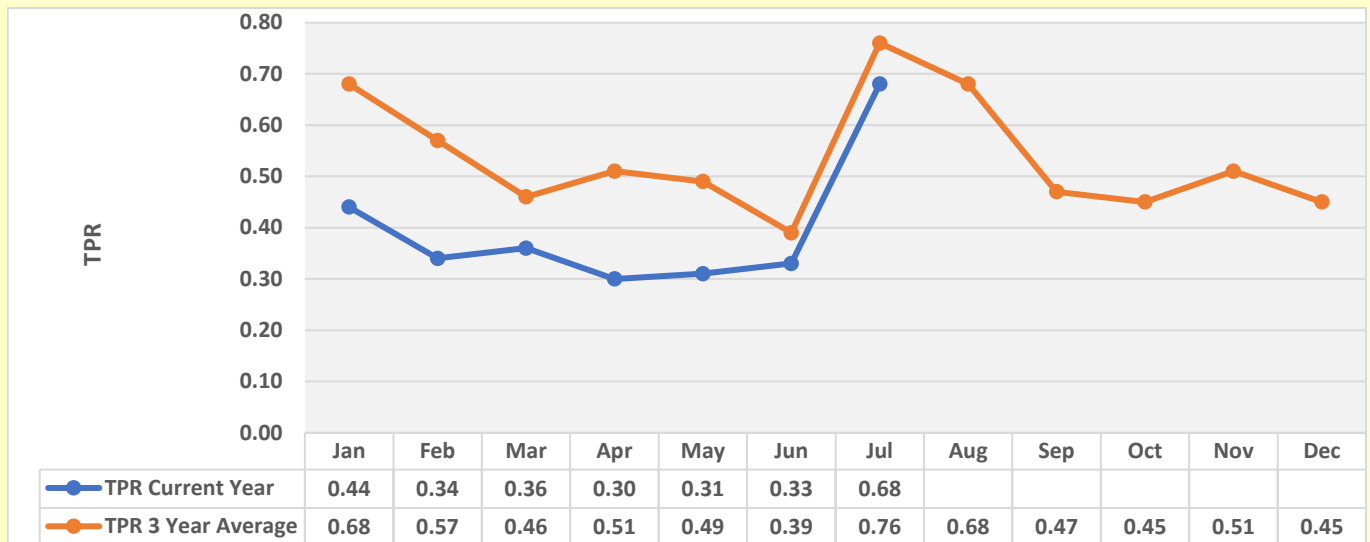
There is an increase of BSE by 48.87% up to July, 2024 as compared to last three years average cumulative and also an increase of BSE by 15.2% up to July, 2024 vis-à-vis up to July, 2023.

**GRAPH 2: MONTH WISE TREND OF TPC IN CHHATTISGARH**



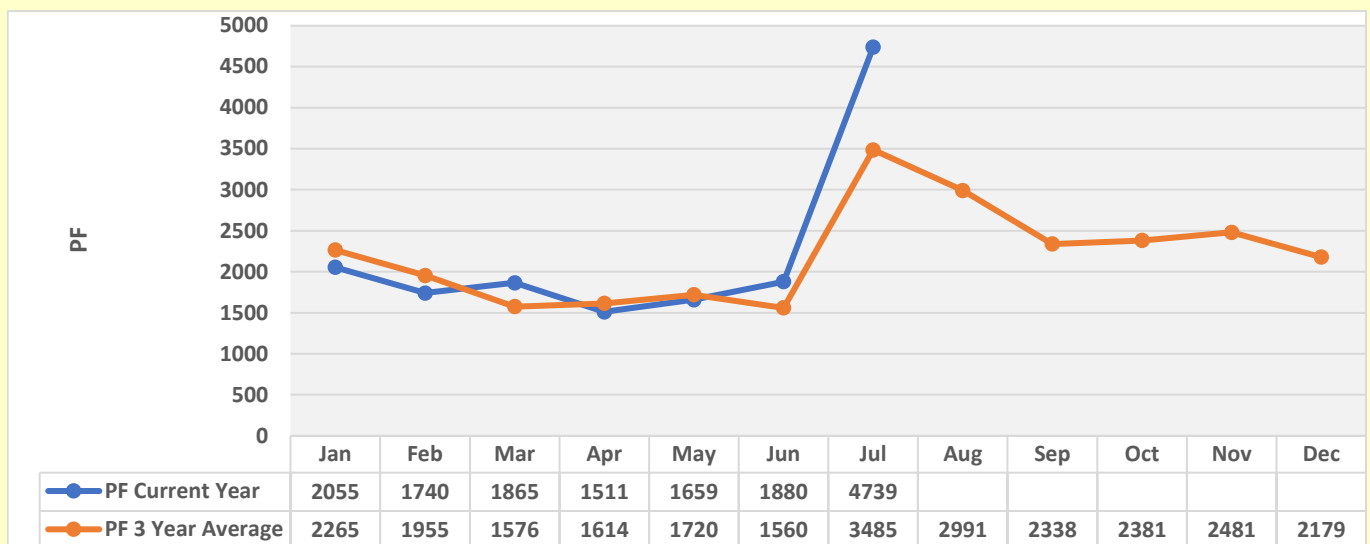
There is an increase of TPC by 9.33% up to July, 2024 as compared to last three years average cumulative but a decrease of TPC by 3.11% up to July, 2024 vis-à-vis up to July, 2023.

**GRAPH 3: MONTH WISE TREND OF TPR IN CHHATTISGARH**



The TPR was 0.41 up to July, 2024 as compared to 0.58 last three years average and 0.48 up to July, 2023

**GRAPH 4: MONTH WISE TREND OF PF IN CHHATTISGARH**

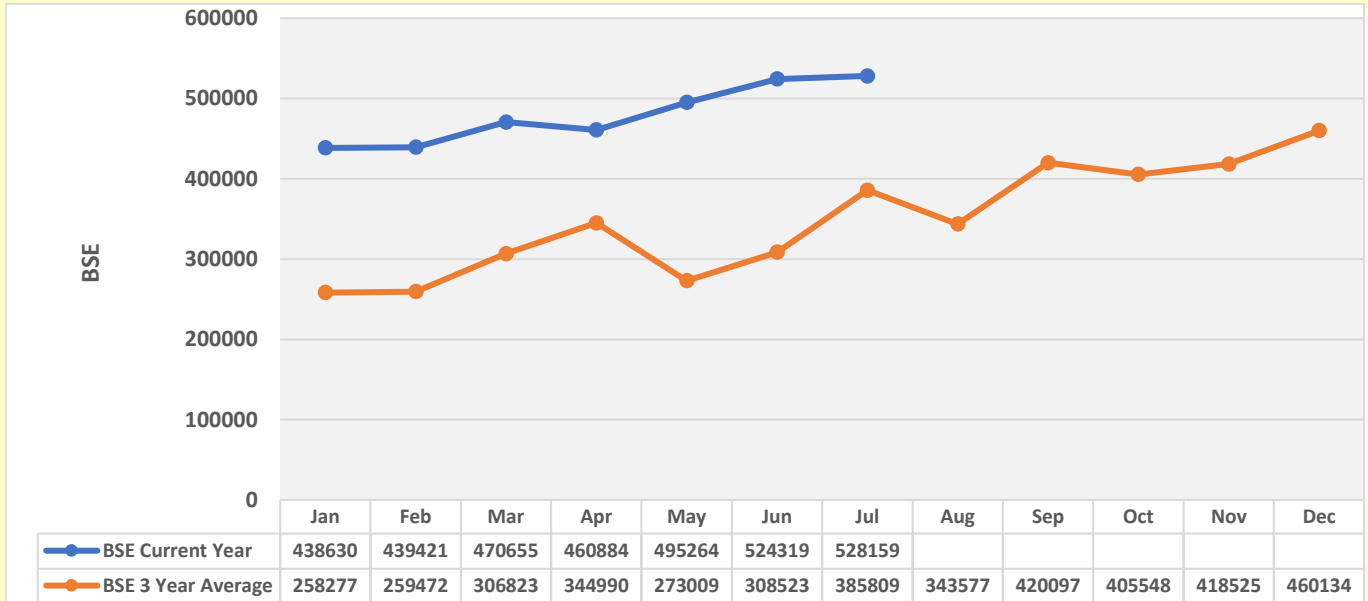


There is an increase of PF by 9% up to July, 2024 as compared to last three years average cumulative but a decrease of PF by 4.8% up to July, 2024 vis-à-vis up to July, 2023.



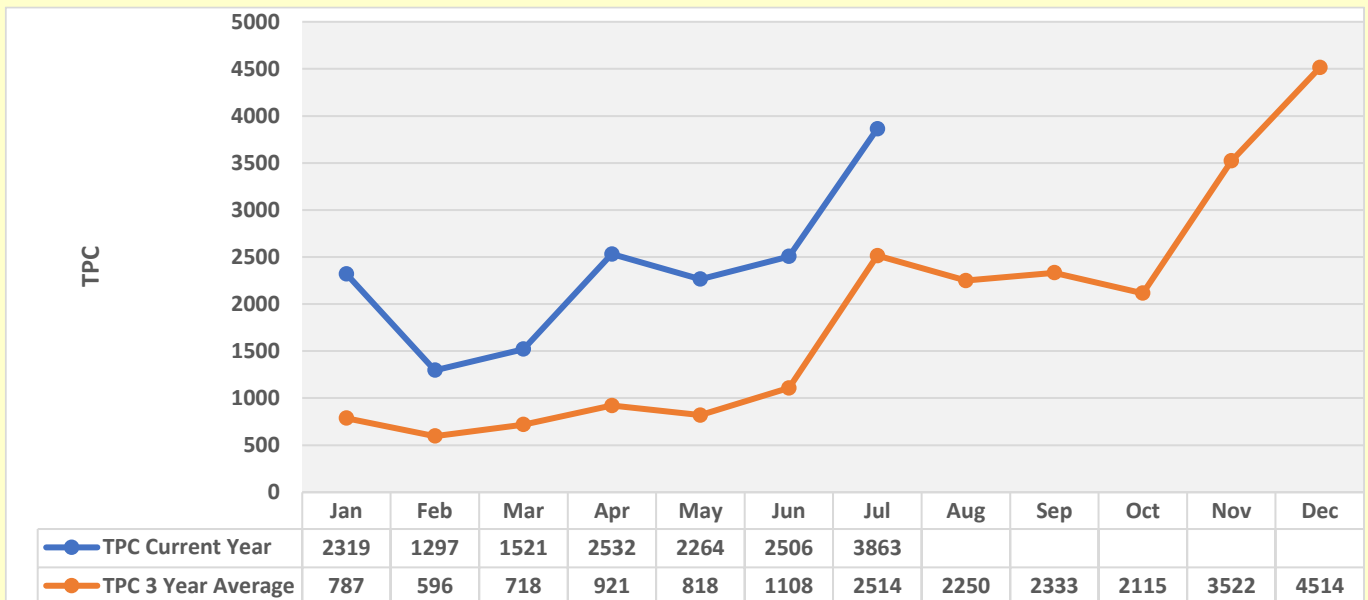
# JHARKHAND

**GRAPH 1: MONTH WISE TREND OF BSE IN JHARKHAND**



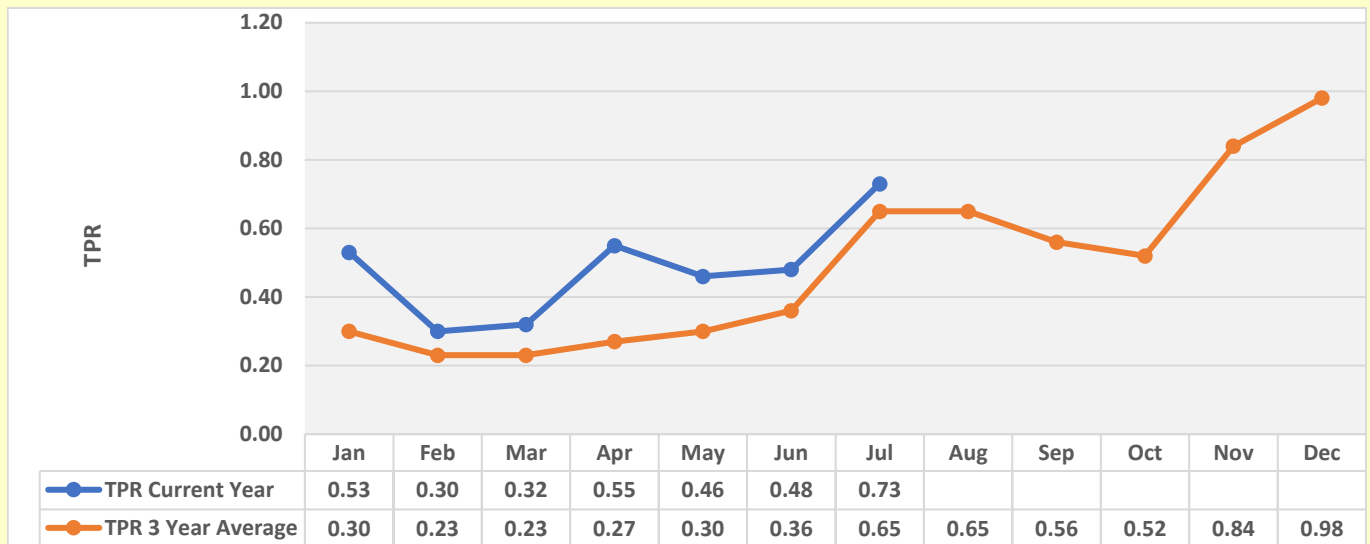
There is an increase of BSE by 57.11% up to July, 2024 as compared to last three years average cumulative and also an increase of BSE by 10.09% up to July, 2024 vis-à-vis up to July, 2023.

**GRAPH 2: MONTH WISE TREND OF TPC IN JHARKHAND**



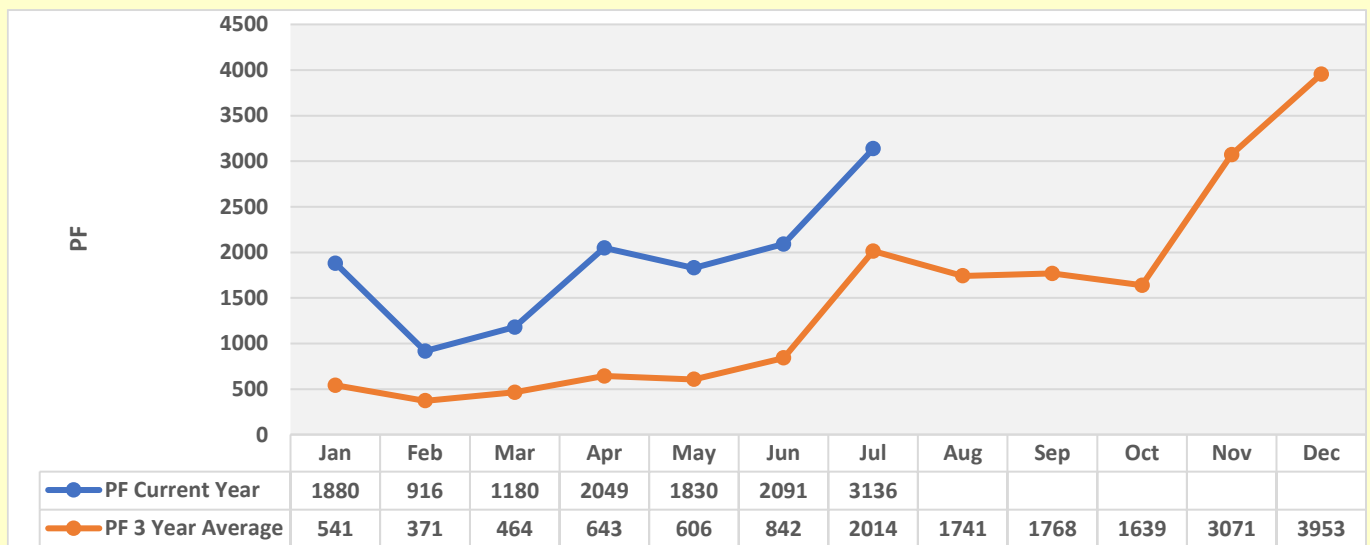
There is a major increase of TPC up to July, 2024 as compared to last three years average cumulative and an increase of TPC by 98.44% up to July, 2024 vis-à-vis up to July, 2023.

**GRAPH 3: MONTH WISE TREND OF TPR IN JHARKHAND**



The TPR was 0.49 up to July, 2024 as compared to 0.38 last three years average and 0.27 up to July, 2023

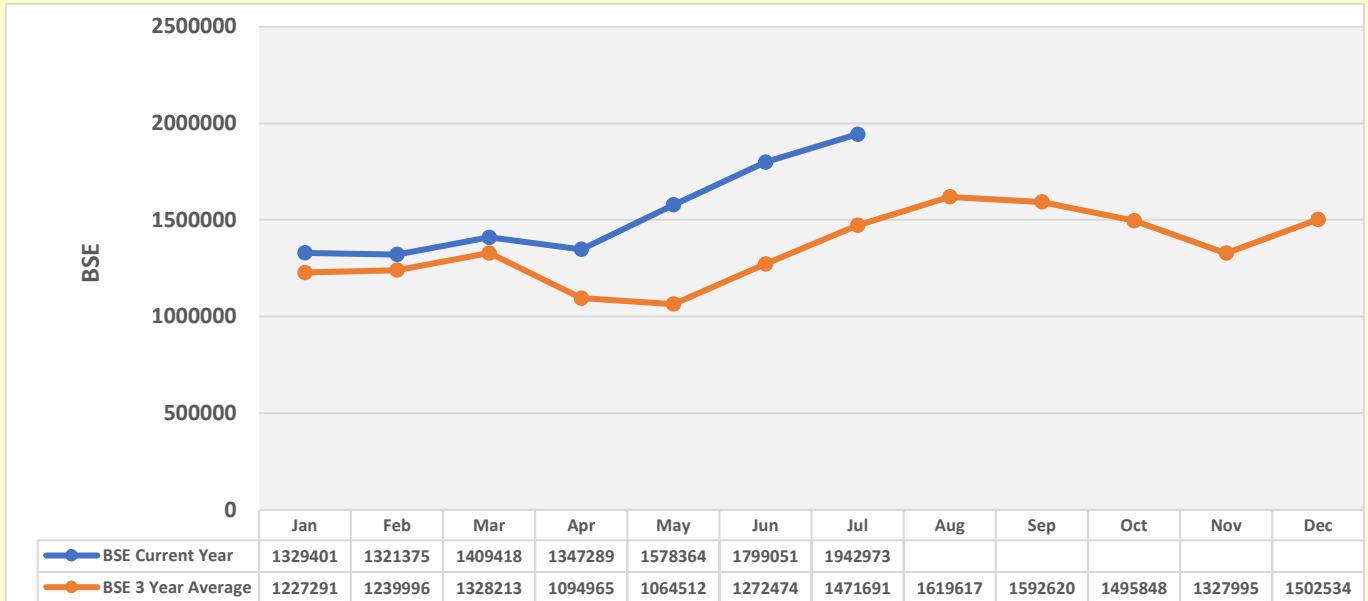
**GRAPH 4: MONTH WISE TREND OF PF IN JHARKHAND**



There is a major increase of PF up to July, 2024 as compared to last three years average cumulative as well as a major increase of PF up to July, 2024 vis-à-vis up to July, 2023.

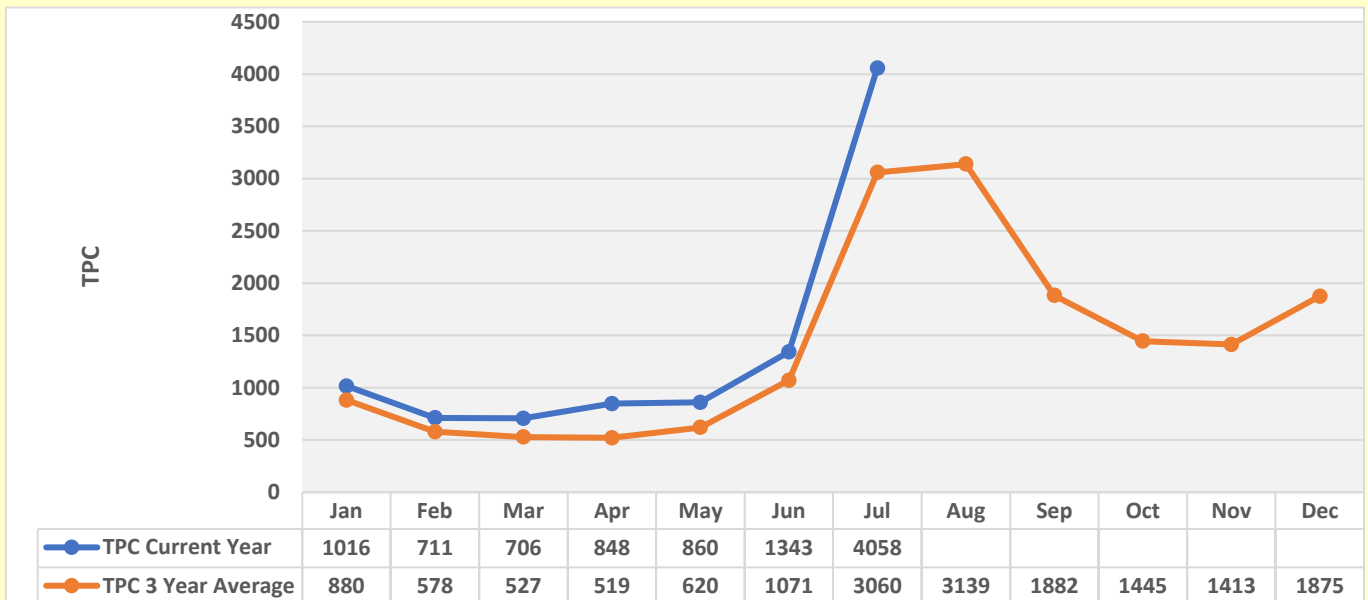
# MAHARASHTRA

**GRAPH 1: MONTH WISE TREND OF BSE IN MAHARASHTRA**



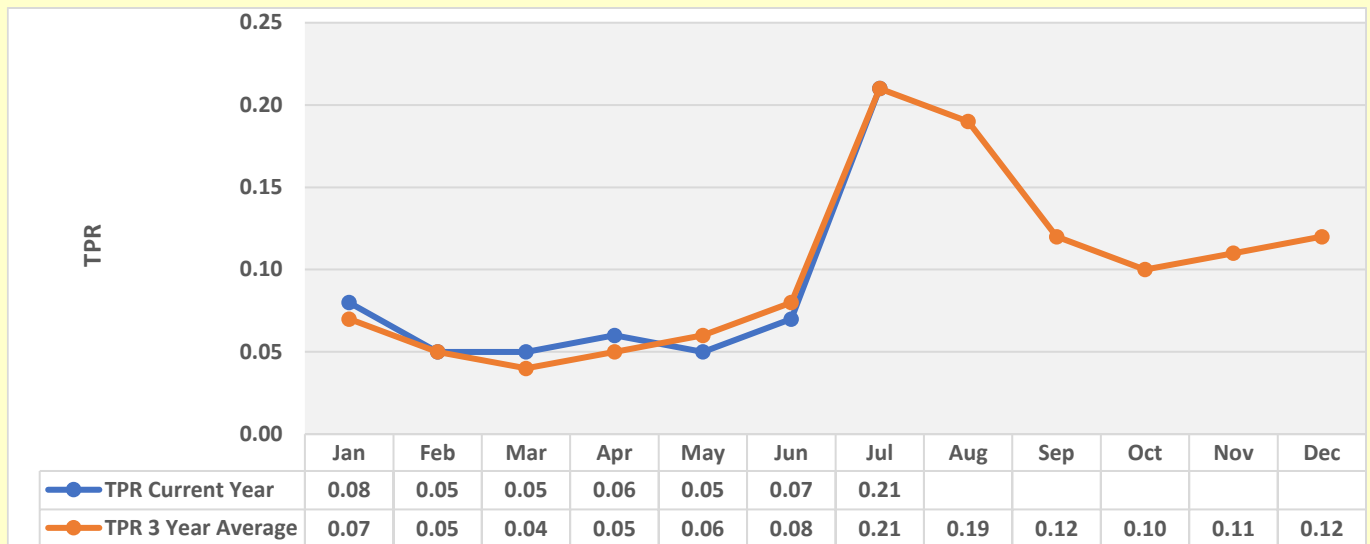
There is an increase of BSE by 23.32% up to July, 2024 as compared to last three years average cumulative and also an increase of BSE by 3.2% up to July, 2024 vis-à-vis up to July, 2023.

**GRAPH 2: MONTH WISE TREND OF TPC IN MAHARASHTRA**



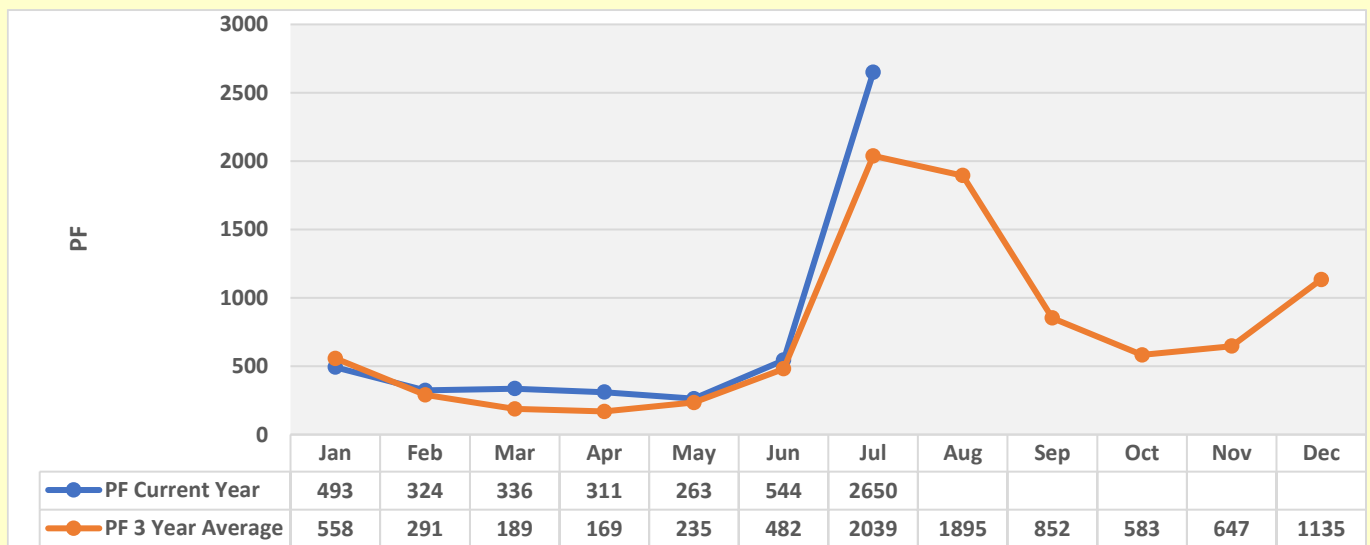
There is an increase of TPC by 31.5% up to July, 2024 as compared to last three years average cumulative and also an increase of TPC by 50.01% up to July, 2024 vis-à-vis up to July, 2023.

**GRAPH 3: MONTH WISE TREND OF TPR IN MAHARASHTRA**



The TPR was 0.09 up to July, 2024 as compared to 0.09 last three years average and 0.06 up to July, 2023

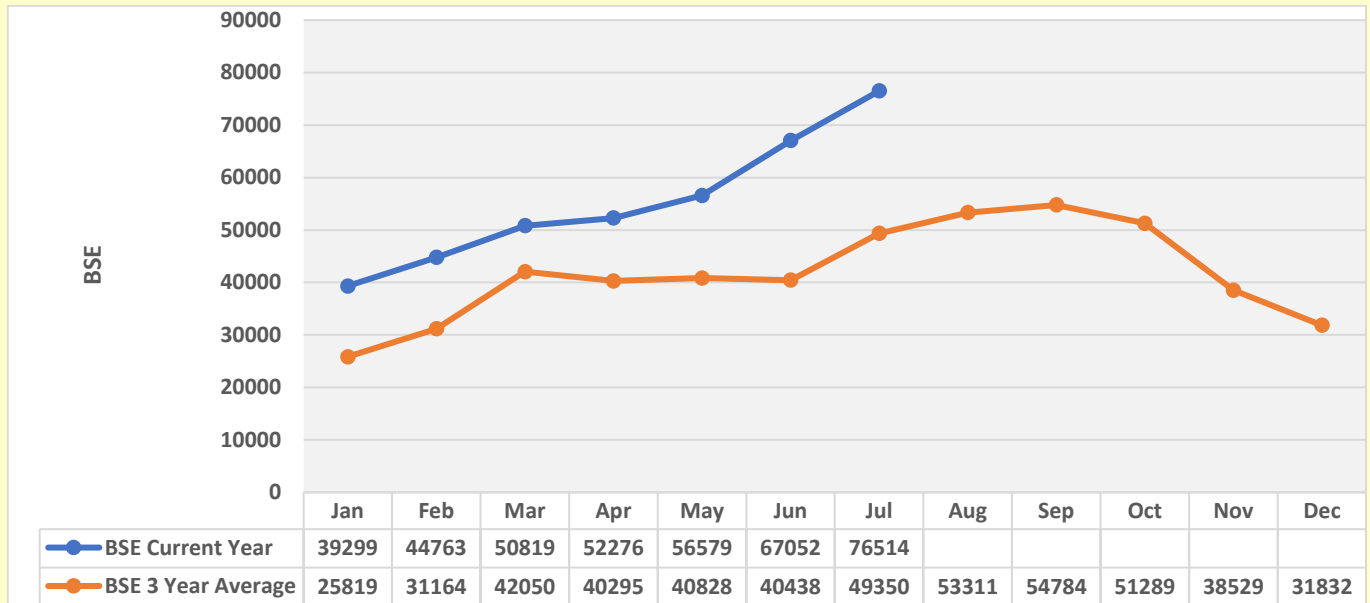
**GRAPH 4: MONTH WISE TREND OF PF IN MAHARASHTRA**



There is an increase of PF by 24.22% up to July, 2024 as compared to last three years average cumulative and also an increase of PF by 68.47% up to July, 2024 vis-à-vis up to July, 2023.

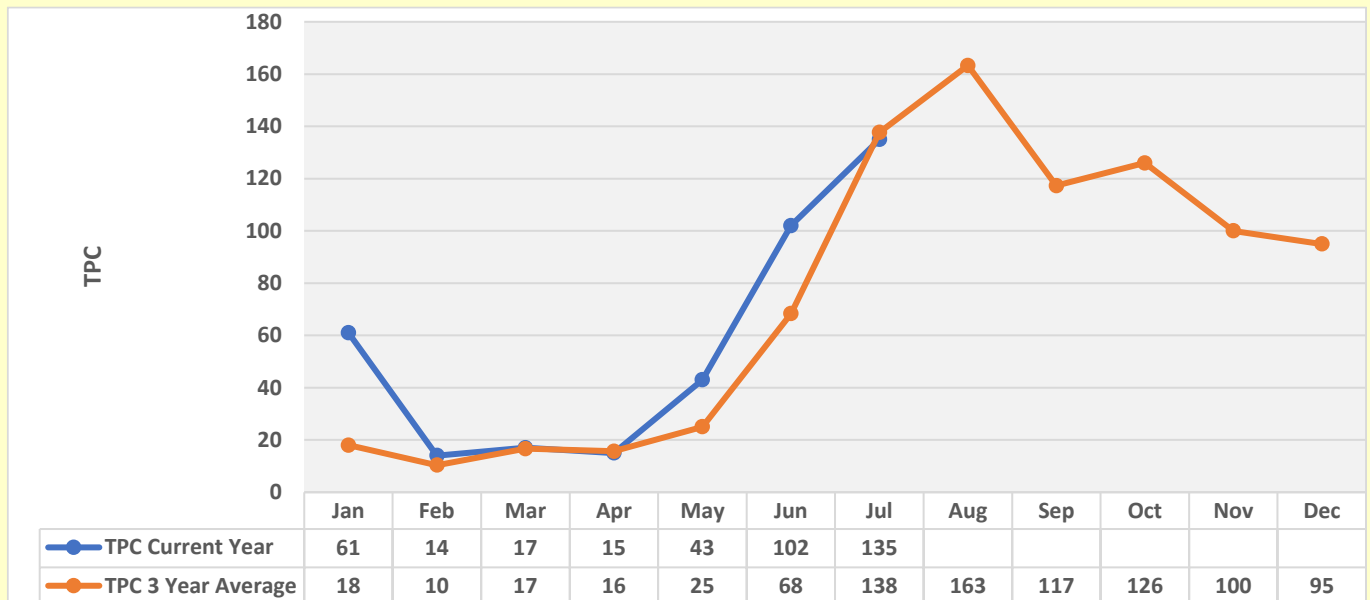
# MEGHALAYA

**GRAPH 1: MONTH WISE TREND OF BSE IN MEGHALAYA**



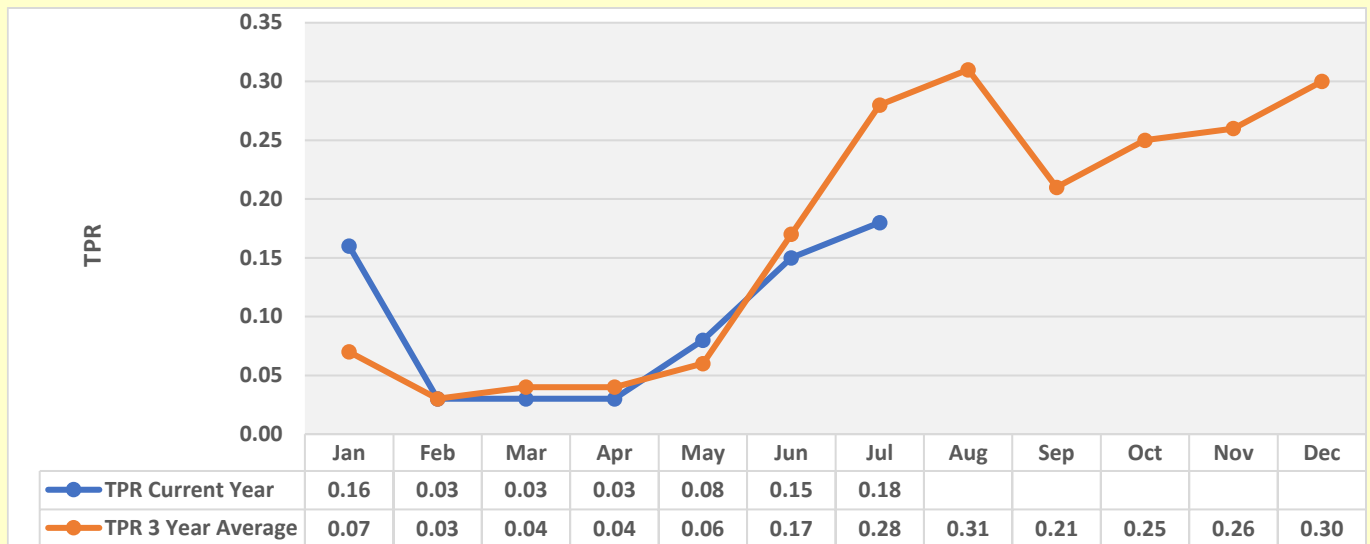
There is an increase of BSE by 43.47% up to July, 2024 as compared to last three years average cumulative and also an increase of BSE by 17.54% up to July, 2024 vis-à-vis up to July, 2023.

**GRAPH 2: MONTH WISE TREND OF TPC IN MEGHALAYA**



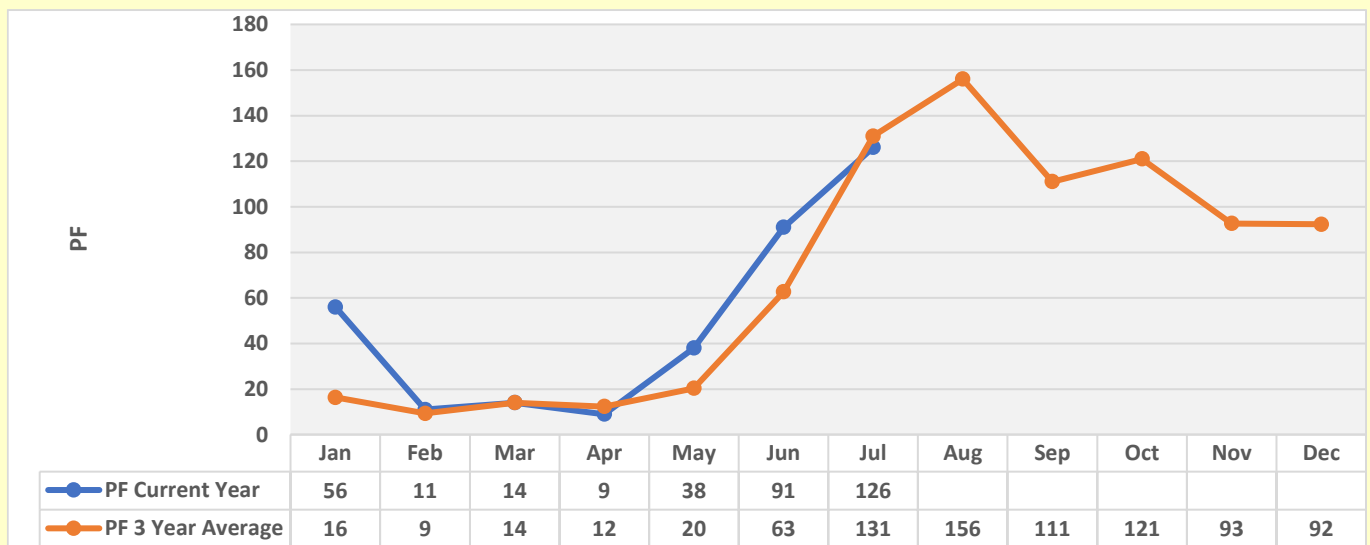
There is an increase of TPC by 32.69% up to July, 2024 as compared to last three years average cumulative but a decrease of TPC by 27.26% up to July, 2024 vis-à-vis up to July, 2023.

**GRAPH 3: MONTH WISE TREND OF TPR IN MEGHALAYA**



The TPR was 0.1 up to July, 2024 as compared to 0.1 last three years average and 0.16 up to July, 2023

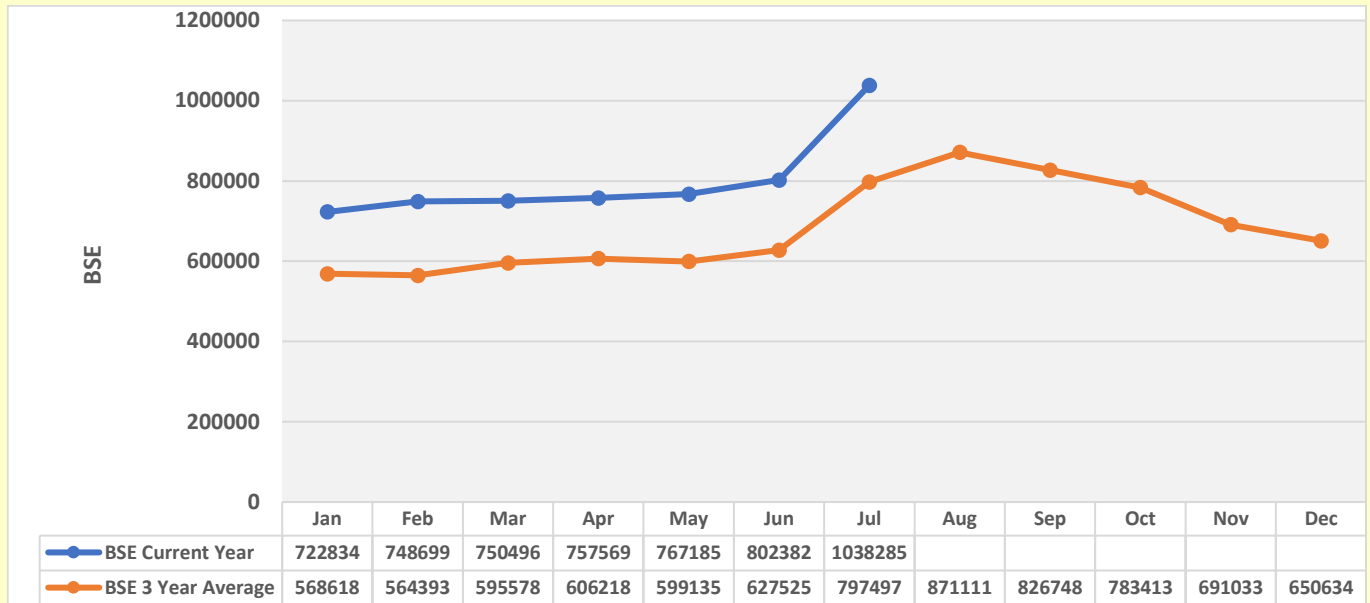
**GRAPH 4: MONTH WISE TREND OF PF IN MEGHALAYA**



There is an increase of PF by 29.7% up to July, 2024 as compared to last three years average cumulative but a decrease of PF by 32.09% up to July, 2024 vis-à-vis up to July, 2023.

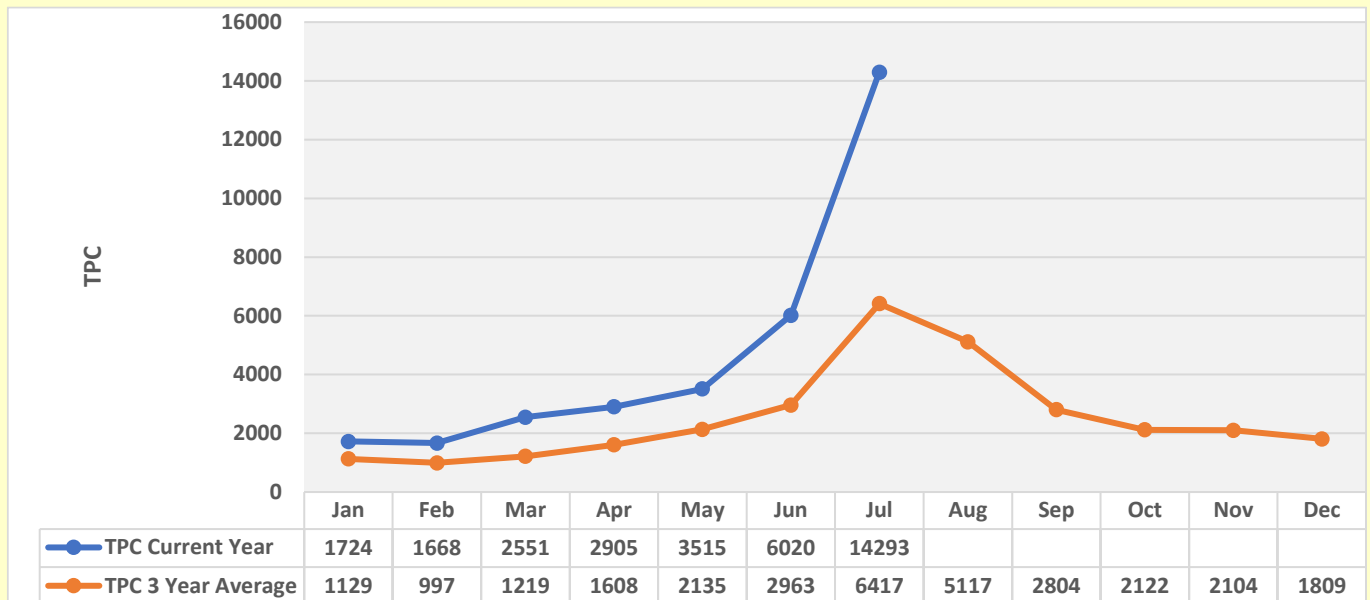
# ODISHA

**GRAPH 1: MONTH WISE TREND OF BSE IN ODISHA**



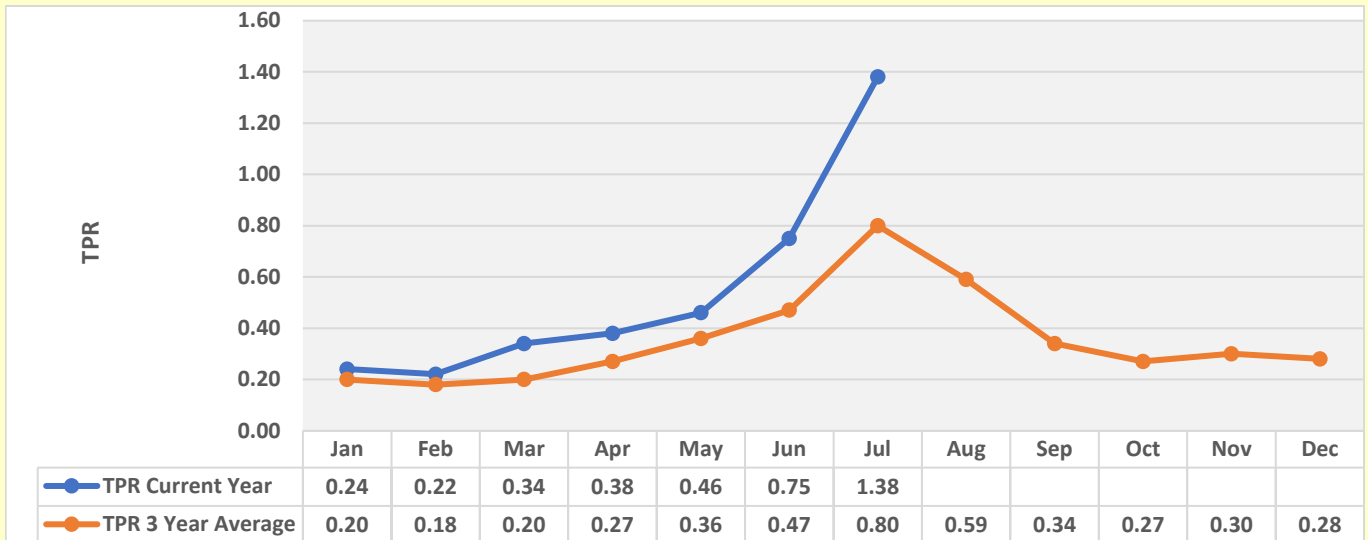
There is an increase of BSE by 28.18% up to July, 2024 as compared to last three years average cumulative and also an increase of BSE by 10.65% up to July, 2024 vis-à-vis up to July, 2023.

**GRAPH 2: MONTH WISE TREND OF TPC IN ODISHA**



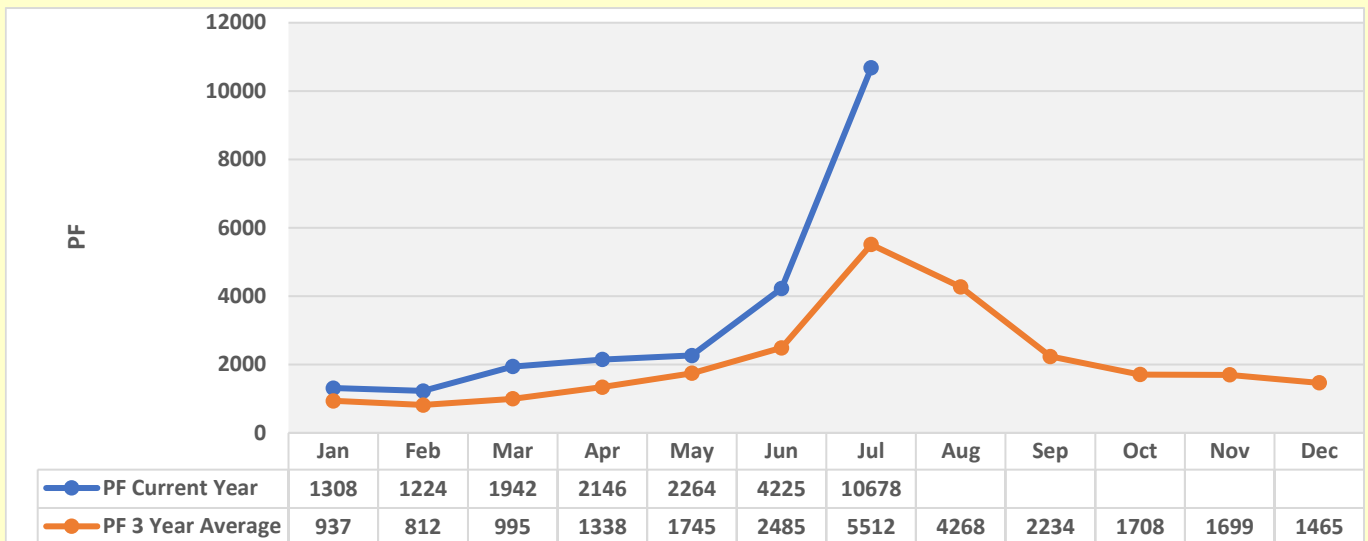
There is an increase of TPC by 98.43% up to July, 2024 as compared to last three years average cumulative and also an increase of TPC by 54.7% up to July, 2024 vis-à-vis up to July, 2023.

**GRAPH 3: MONTH WISE TREND OF TPR IN ODISHA**



The TPR was 0.58 up to July, 2024 as compared to 0.38 last three years average and 0.42 up to July, 2023

**GRAPH 4: MONTH WISE TREND OF PF IN ODISHA**

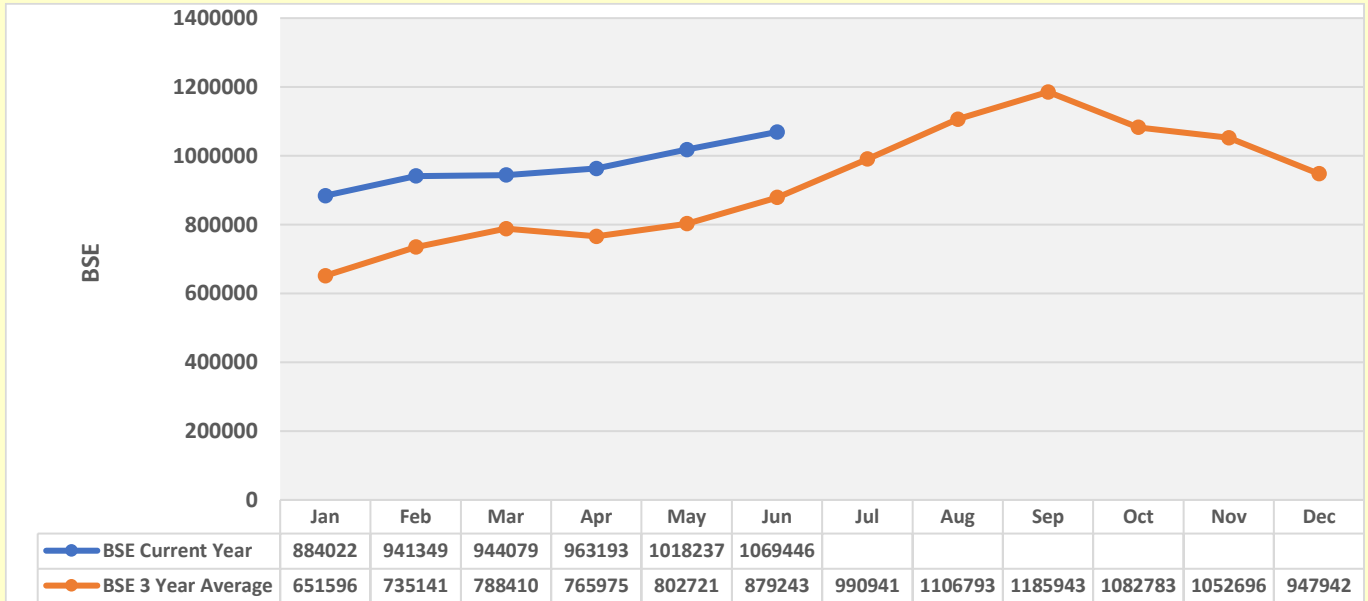


There is an increase of PF by 72.07% up to July, 2024 as compared to last three years average cumulative and also an increase of PF by 39.45% up to July, 2024 vis-à-vis up to July, 2023.



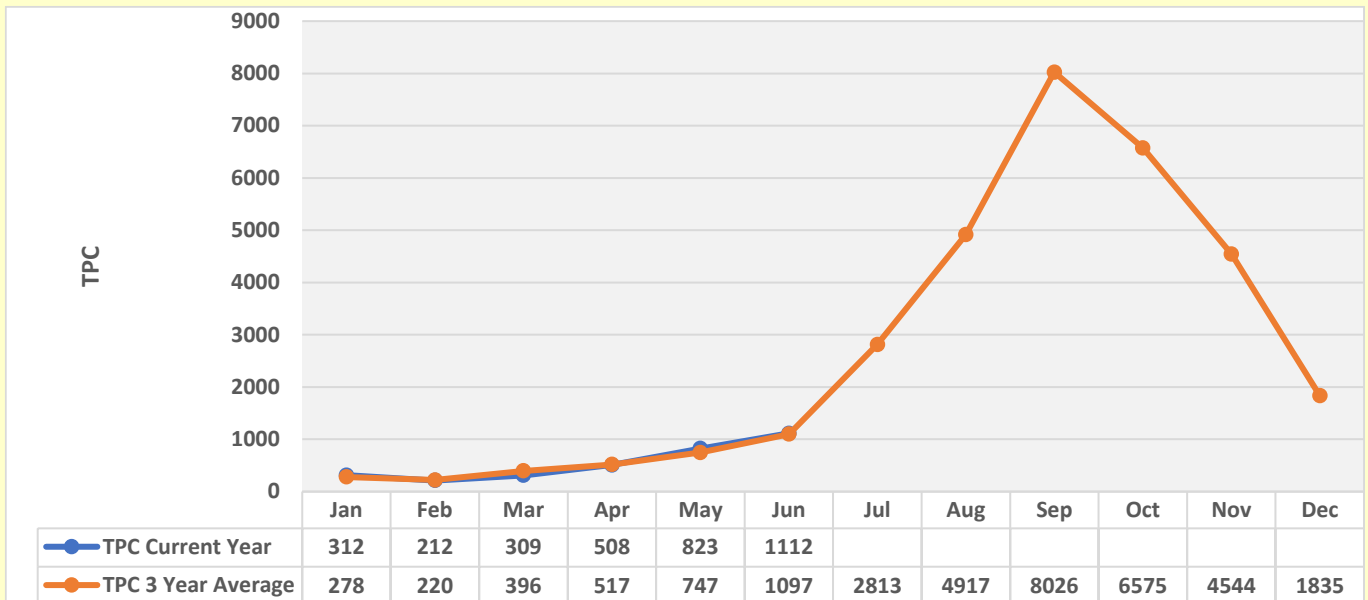
# WEST BENGAL

**GRAPH 1: MONTH WISE TREND OF BSE IN WEST BENGAL**



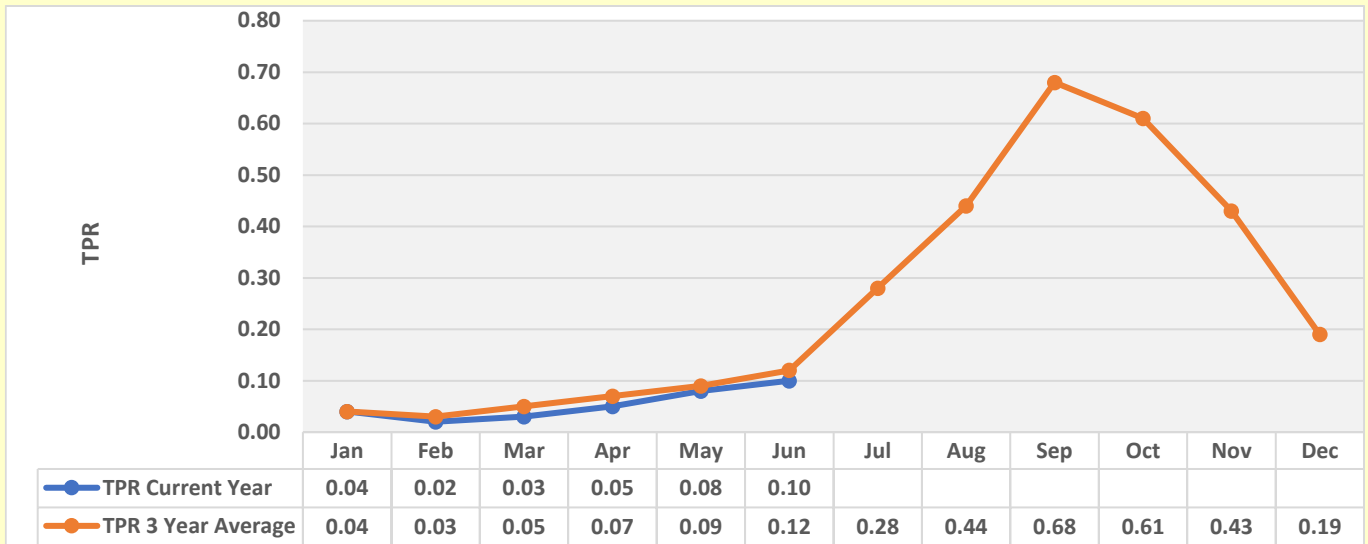
There is an increase of BSE by 3.67% up to July, 2024 as compared to last three years average cumulative but a decrease of BSE by 10.13% up to July, 2024 vis-à-vis up to July, 2023.

**GRAPH 2: MONTH WISE TREND OF TPC IN WEST BENGAL**



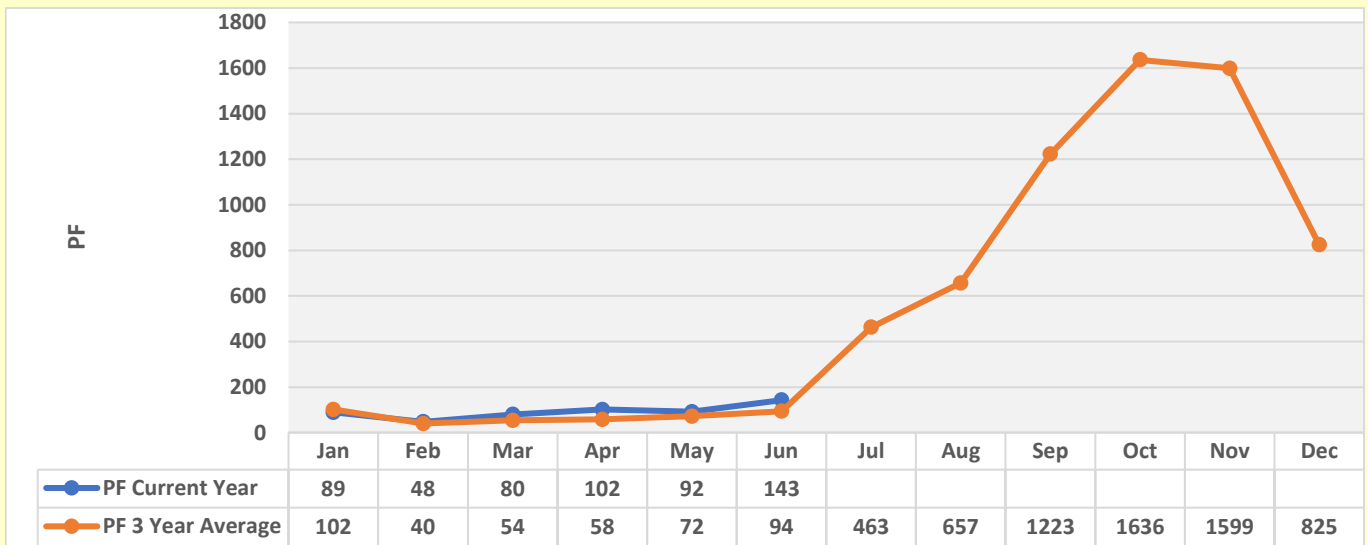
There is a decrease of TPC by 46.02% up to July, 2024 as compared to last three years average cumulative and also a decrease of TPC by 46.73% up to July, 2024 vis-à-vis up to July, 2023.

**GRAPH 3: MONTH WISE TREND OF TPR IN WEST BENGAL**



The TPR was 0.06 up to July, 2024 as compared to 0.11 last three years average and 0.09 up to July, 2023

**GRAPH 4: MONTH WISE TREND OF PF IN WEST BENGAL**



There is a decrease of PF by 37.31% up to July, 2024 as compared to last three years average cumulative and also a decrease of PF by 27.96% up to July, 2024 vis-à-vis up to July, 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
	<b>Input</b>	<b>% of Additional Staff in Place (MTS, LT, DVBD Consultant)</b>
9	Input	No of RDTs & ACTs planned versus received & used.
10	Input	% of spray equipment in working condition
11	Input	% of spray workers trained
	<b>Process</b>	<b>BCC Activities</b>
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%