Monthly Malaria Situation of Category - 1 States/UTs
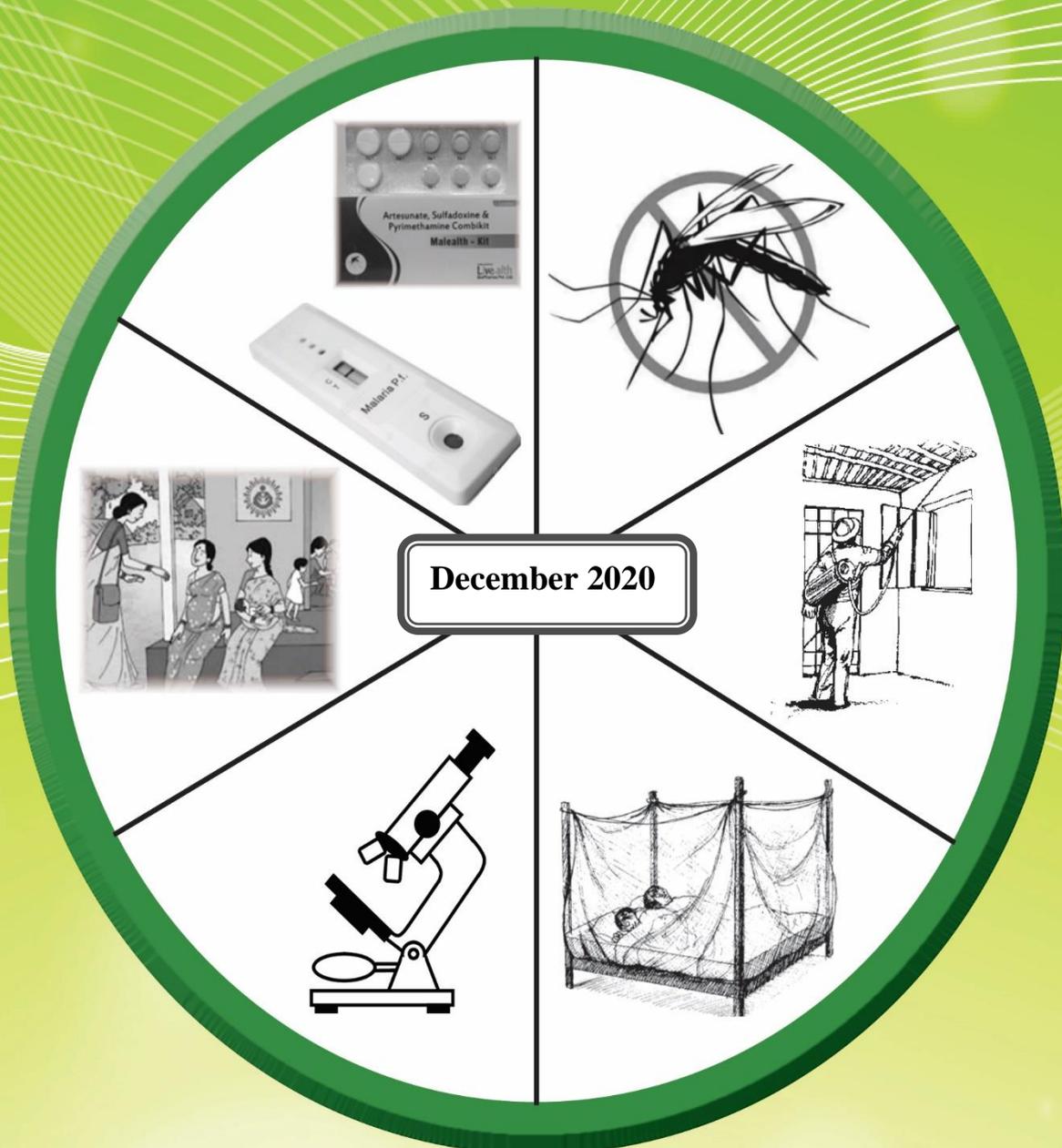
December 2020

INDEX

Situational Analysis, Trends and Action Points

INTRODUCTION & SUMMARY SHEET

The surveillance information of Malaria (till Dec 2020) in Category-1 states is enclosed in this Monthly Malaria Situation Information Report. The various indicators analyzed in this report are BSE, TPC, TPR and PF.

GRAPH 1: MONTH WISE TREND OF BSE IN CATEGORY- 1 STATES

There is a decline of BSE by 28.4% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is also a decline of BSE by 28.6% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 2: MONTH WISE TREND OF TPC IN CATEGORY- 1 STATES
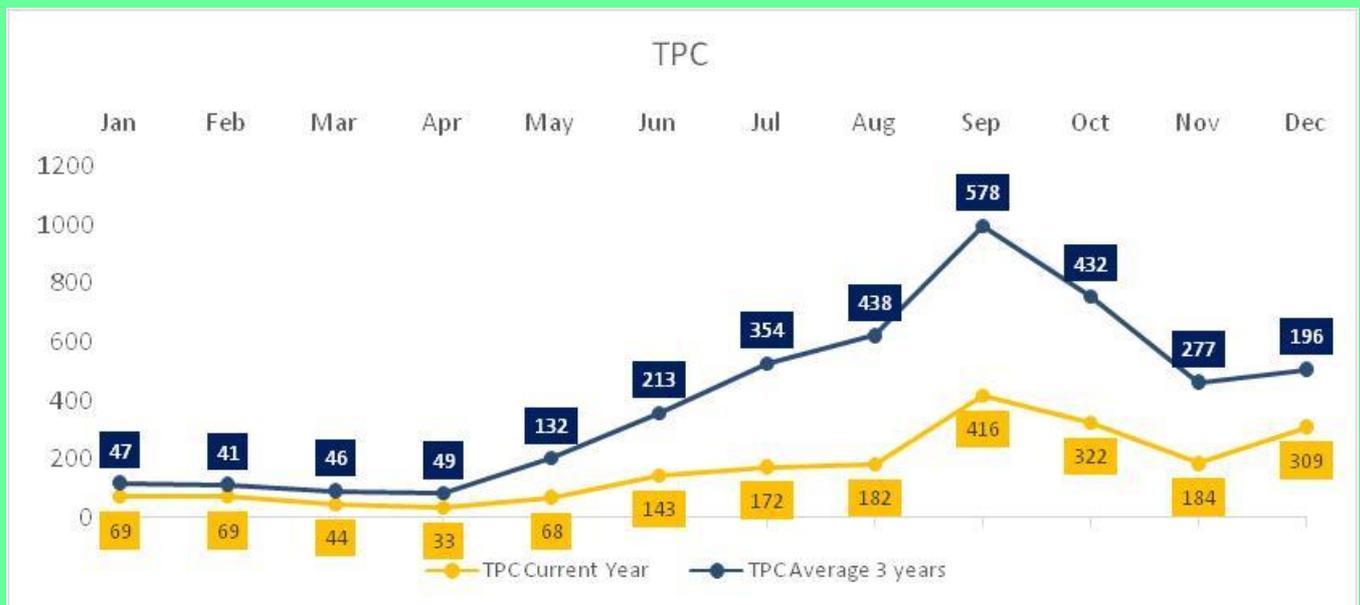
There is a decline of TPC by 85.1% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decrease of TPC by 73.4% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 3: MONTH WISE TREND OF TPR IN CATEGORY- 1 STATES
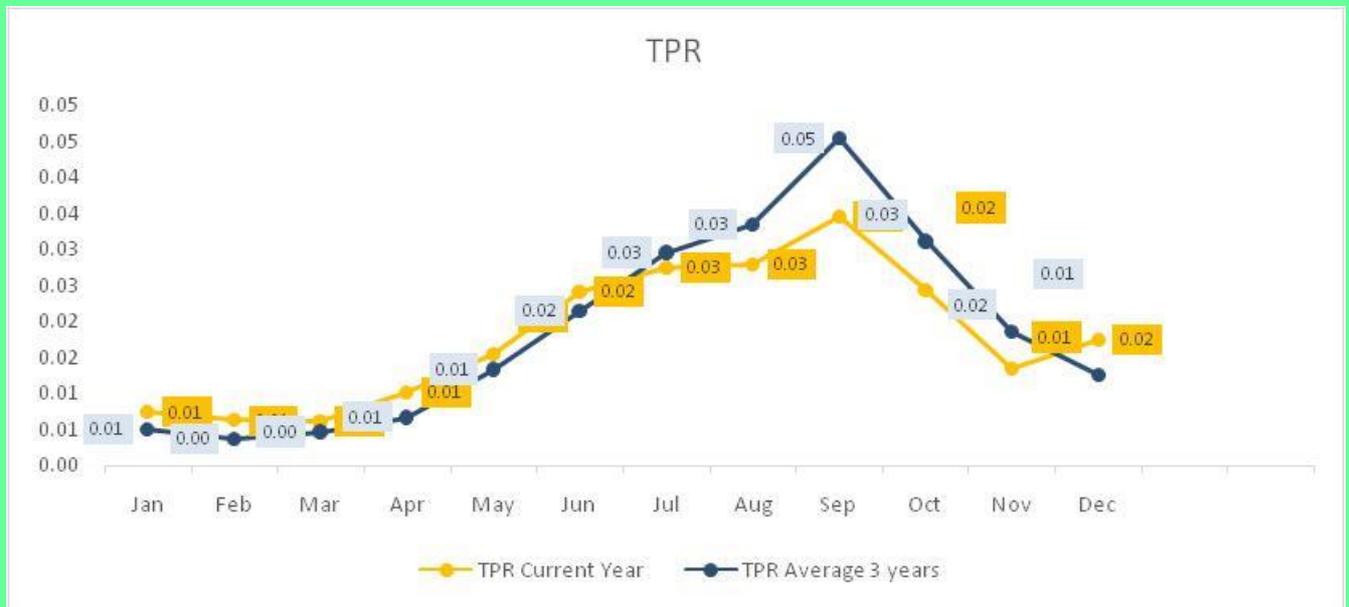
The TPR was 0.2 during (Jan-Dec) 2020 as compared to 0.8 for three years average cumulative of Jan-Dec. The TPR was 0.5 during (Jan-Dec) 2019. The TPR was decline by 53.6% during (Jan-Dec) 2020 as compared (Jan-Dec) 2019.

GRAPH 4: MONTH WISE TREND OF PF IN CATEGORY- 1 STATES
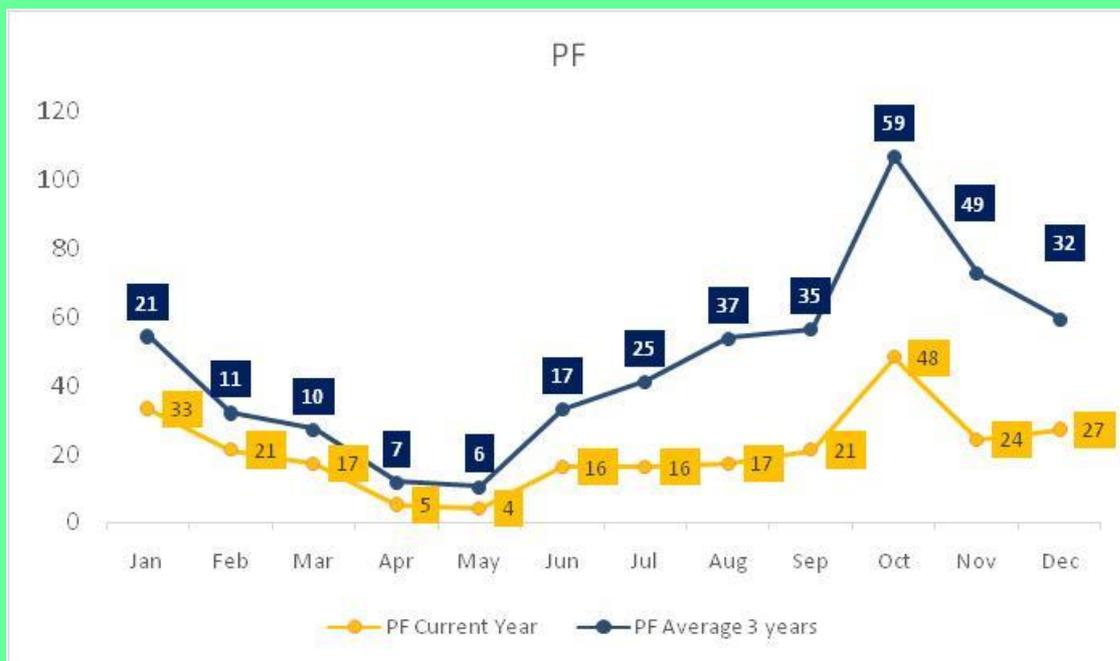
There is a decline of PF by 78.6% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a similar decline of PF by 63.3% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019

List of Districts showing a decrease in Surveillance in the Category 1 States:

	States/UTs	Districts showing a decrease in Surveillance
1	Chandigarh	Chandigarh
2	Daman & Diu	Daman, Diu
3	Delhi	Delhi
4	Goa	North Goa, South Goa
5	Haryana	Ambala, Bhiwani, Faridabad, Fatehabad, Hisar, Jhajjar, Jind, Kaithal, Karnal, Kurukshetra, Narnaul(Mahendergarh), Palwal, Panchkula, Panipat, Rewari, Rohtak, Sirsa, Sonipat, Yamunanagar
6	Himachal Pradesh	Bilaaspur, Chamba, Hameerpur, Kangra, Kullu, Mandi, Shimla, Sirmour, Solan, Una
7	Jammu & Kashmir	Jammu, Kathua, Poonch, Rajouri, Ramban, Reasi, Samba, Udhampur, UMCP Jammu
8	Kerala	Alappuzha, Ernakulam, Idukky, Kannur, Kasargode, Kollam, Kottayam, Kozhikode, Malappuram, Palakkad, Pathanamthitta, Thrissur, Triruvananthapuram(Trivandrum), Wayanad
9	Lakhshadweep	-
10	Manipur	Bishnupur, Chandel, Imphal East, Imphal Urban, Imphal West, Jiribam S/D, Kangpokpi S/D, Moreh (Tengnopal), Tamenglong,Thoubal, Ukhrul
11	Puducherry	Karaikal, Mahe, Malaria Clinic+FTDs, Puducherry, Yanam
12	Punjab	Amritsar, Barnala, Bathinda, Faridkot, Fatehgarh Sahib, Fazilka, Ferozepur, Gurdaspur, Hoshiarpur, Jalandhar, Kapurthala, Ludhiana, Mansa, Moga, Mohali (SahibzadaAjit Singh Nagar), Nawa Sahar (SahidBagat Singh Nagar), Pathankot, Patiala, Roper (Rup Nagar), Sangrur, Shri. Muktsar Sahib, Tarn taran
13	Rajasthan	Alwar, Banswara, Baran, Barmer, Bharatpur, Bhilwara, Bundi, Chittorgarh, Dausa, Dholpur, Dungarpur, Hanumangarh, Jaiselmer, Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pratapgad, Rajsamand, Sikar, Sirohi, Sri Ganganagar, Tonk, Udaipur
14	Sikkim	East Sikkim, North Sikkim, South Sikkim, West Sikkim
15	Uttarakhand	Almora, Bageshwar, Chamoli, Champawat, Dehradun, Haridwar, Nainital, Pauri, Pithoragarh, Rudraprayag, Tehri Garhwal, Udham Singh Nagar, Uttar Kashi

**Action points for all Category 1 States/UTs:**

- States/UTs need to perform data analysis at sub district level to identify hotspots and implementing focal strategies.

- States/UTs need to focus on surveillance of migratory workers.

- States /UTs need to conduct private sector mapping and ensure 100% reporting.

- States /UTs need to conduct regular meetings of district and state task force for Malaria Elimination.

- State /UTs need to share the detailed case reports regarding any COVID19-Malaria co-infections reported in the state.

- State /UT needs preparedness and response of outbreak

- States /UTs need to ensure that all malaria cases are investigated by competent authority.

- Vector control measures by identifying potential vector breeding sites, environmental management, biological control and focus based adult vector intervention.

2) CHANDIGARH

**GRAPH 1: MONTH WISE TREND OF BSE IN CHANDIGARH**
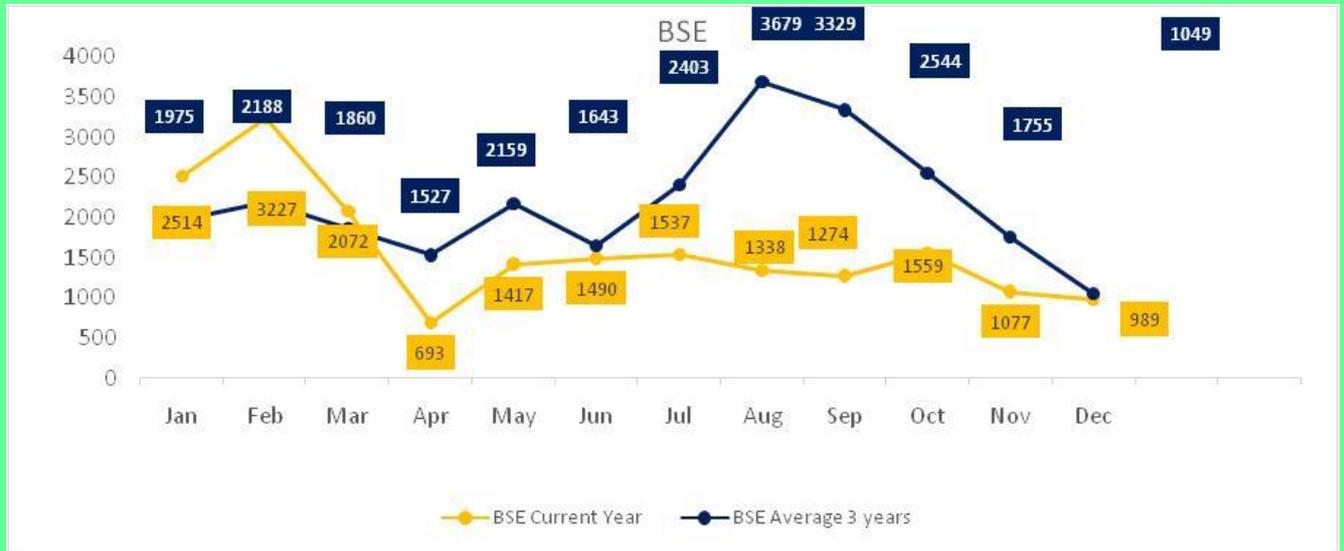
There is a decline of BSE by 71.7% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decline of BSE by 67.6% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 2: MONTH WISE TREND OF TPC IN CHANDIGARH
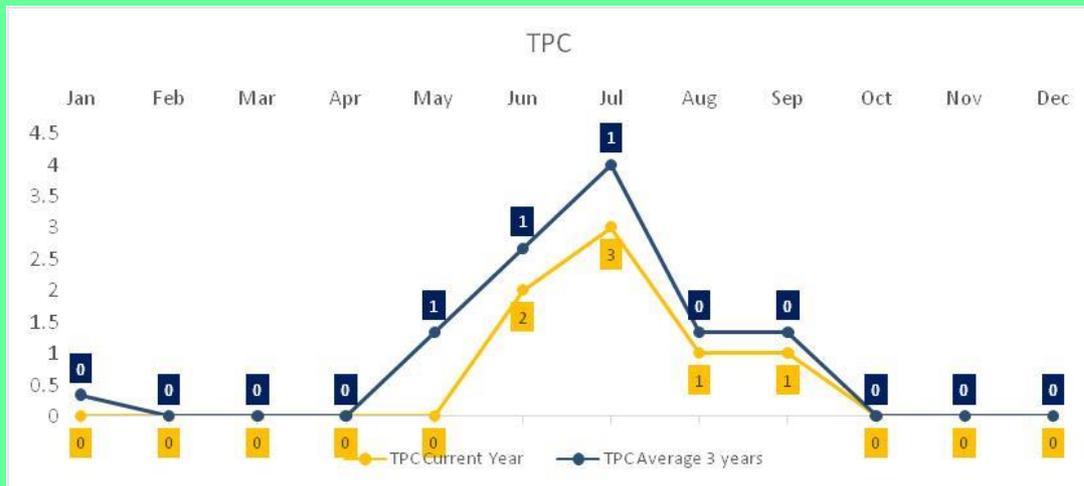
There is a decline of TPC by 87.1% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is an increase of TPC by 40.0% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 3: MONTH WISE TREND OF TPR IN CHANDIGARH
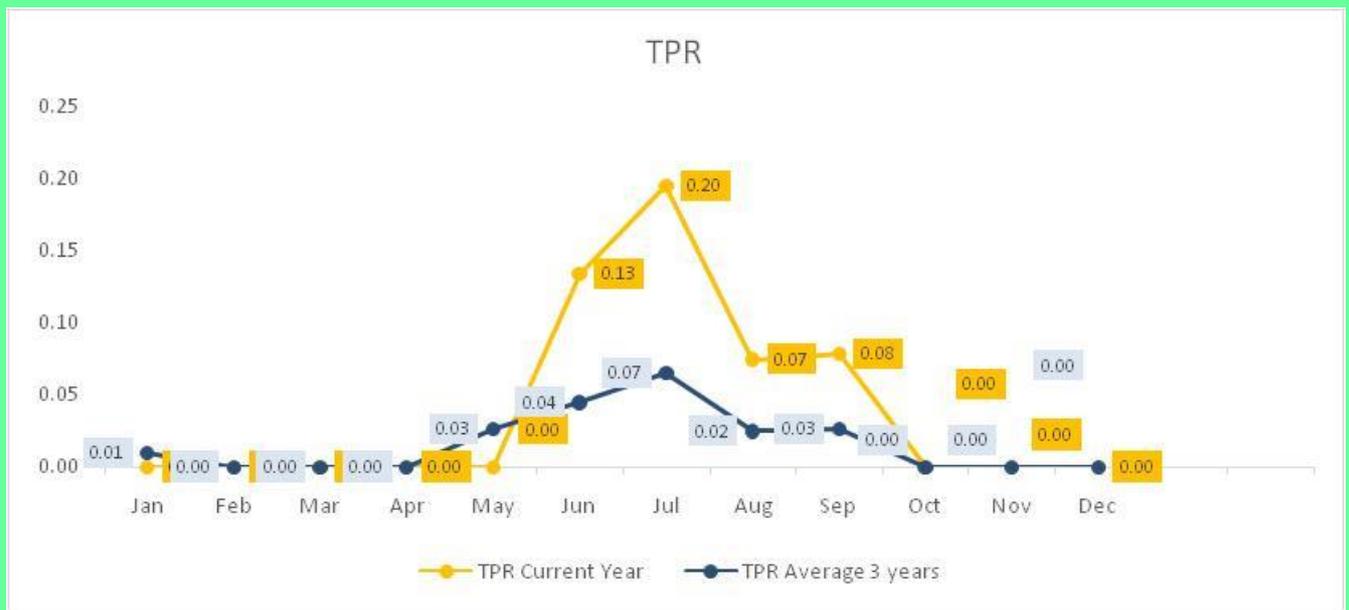
The TPR is 0.5% during (Jan-Dec) 2020 as compared to 0.7 % for last three years average cumulative of Jan-Dec. The TPR was 0.1 during (Jan-Dec) 2019. The TPR was increased by 345% during (Jan-Dec) 2020 as compared (Jan-Dec) 2019.

MONTH WISE TREND OF PF IN DAMAN & DIU

No Pf cases have been reported during (Jan-Dec) 2020, and (Jan-Dec) 2019.

3) DAMAN & DIU

GRAPH 1: MONTH WISE TREND OF BSE IN DAMAN & DIU

There is a decline of BSE by 15.7% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is also a decline of BSE by 23.5% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 2: MONTH WISE TREND OF TPC IN DAMAN & DIU
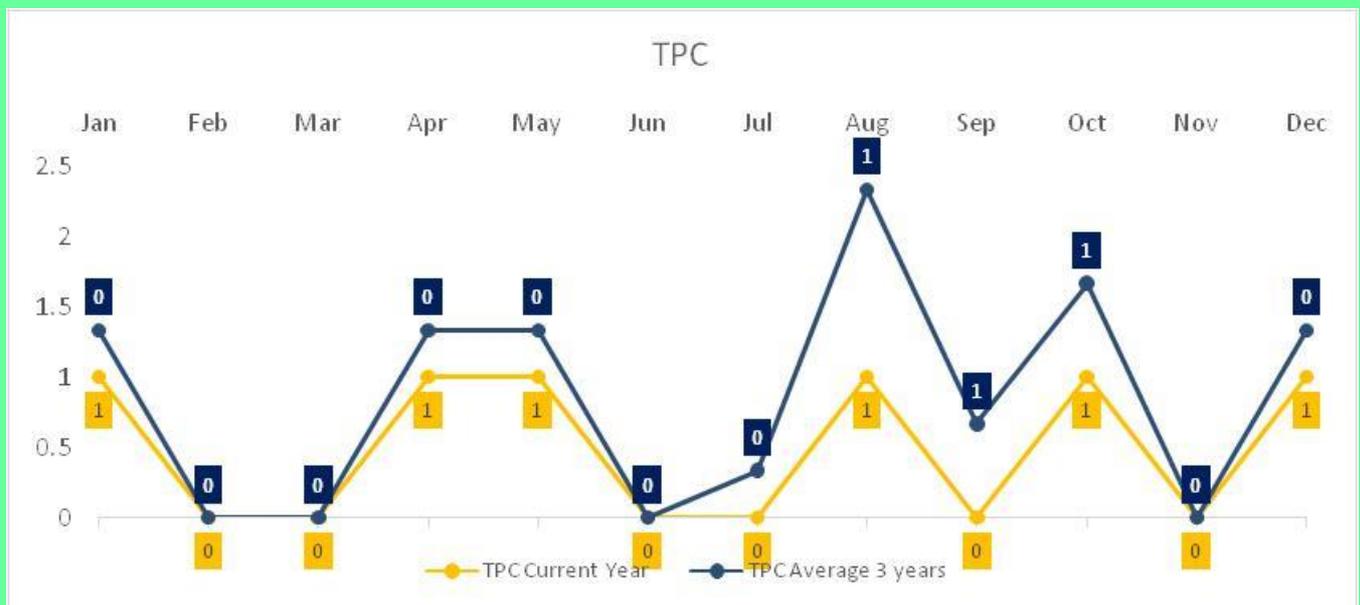
There is a decline of TPC by 78.3% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is an increase of TPC by 37.5 % in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 3: MONTH WISE TREND OF TPR IN DAMAN & DIU
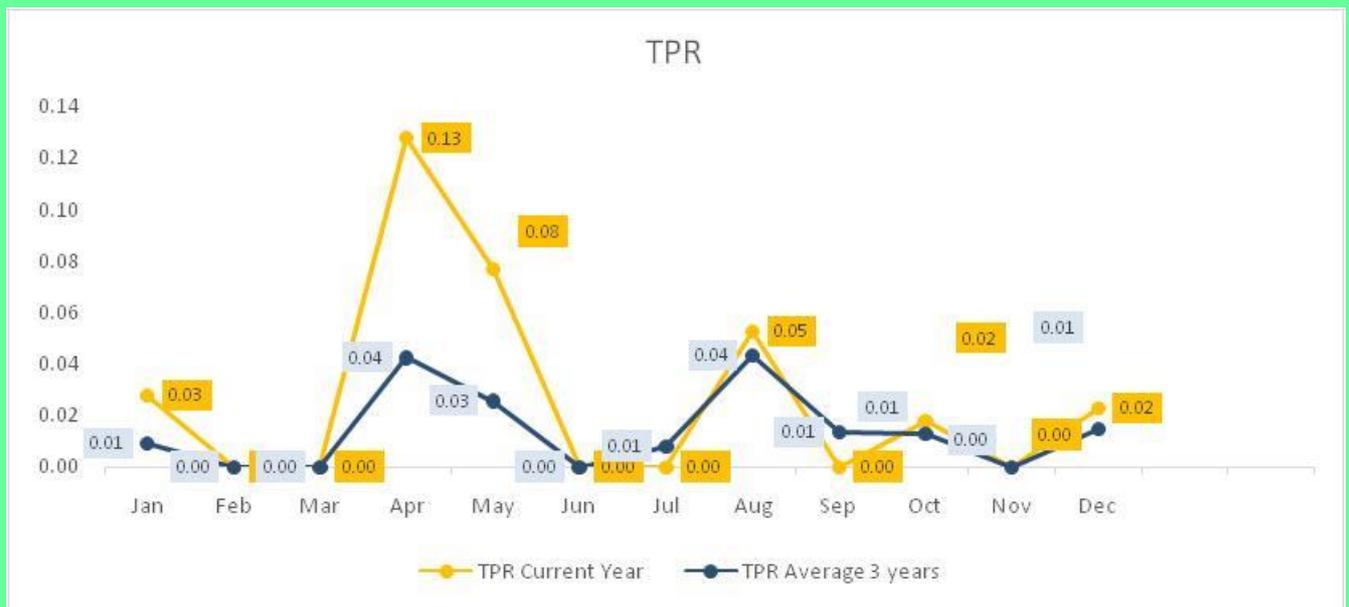
The TPR is 0.3% during (Jan-Dec) 2020 as compared to 0.7 % for last three years average cumulative of Jan-Dec.The TPR was 0.2 during (Jan-Dec) 2019. The TPR was Increased by 77.2% during (Jan-Dec) 2020 as compared (Jan-Dec) 2019.

MONTH WISE TREND OF PF IN DAMAN & DIU

No Pf cases have been reported during (Jan-Dec) 2020and (Jan-Dec) 2019.

4) GOA

GRAPH 1: MONTH WISE TREND OF BSE IN GOA

BSE

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
BSE Average 3 years: 16621, 17505, 22813, 14487, 12189, 12090, 15963, 14842, 15315, 14520, 13273, 8009
BSE Current Year: 22314, 27229, (10952), 7520, 13326, 10484, 7519, 6904, 9441, 11494, 13919, 12153

There is a decline of BSE by 54.0% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is also a decline of BSE by 52.0% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 2: MONTH WISE TREND OF TPC IN GOA
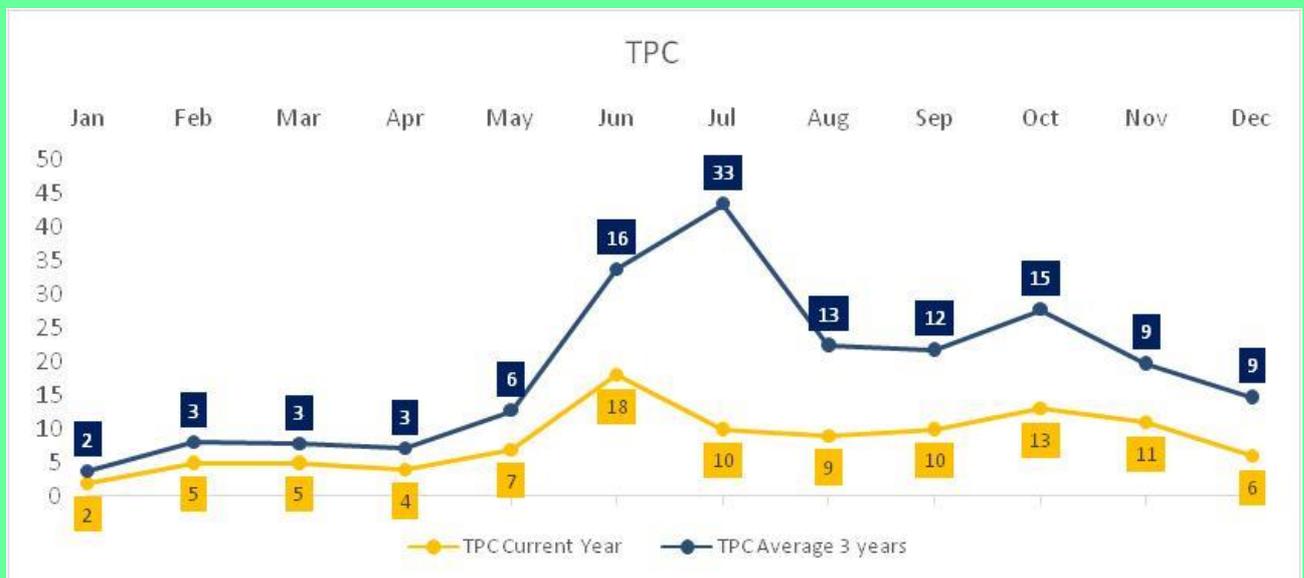
TPC

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
TPC Average 3 years: 2, 3, 3, 3, 6, 16, 33, 13, 12, 15, 9, 9
TPC Current Year: 2, 5, 5, 4, 7, 18, 10, 9, 10, 13, 11, 6

There is a decline of TPC by 78.3% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a similar decline of TPC by 65.4% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

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GRAPH 3: MONTH WISE TREND OF TPR IN GOA

The TPR was 0.9 during (Jan-Dec) 2020 as compared to 1.3 for three years average cumulative of Jan-Dec. The TPR was 0.89 during (Jan-Dec) 2019. The TPR was increased by 9.9% during (Jan-Dec) 2020 as compared (Jan-Dec) 2019.

GRAPH 4: MONTH WISE TREND OF PF IN GOA

There is a decline of PF by 46.4% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decline of PF by 40.7% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

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GRAPH 1: MONTH WISE TREND OF BSE IN HARYANA

There is a decline of BSE by 16.4% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is also a decline of BSE by 24.4% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 2: MONTH WISE TREND OF TPC IN HARYANA
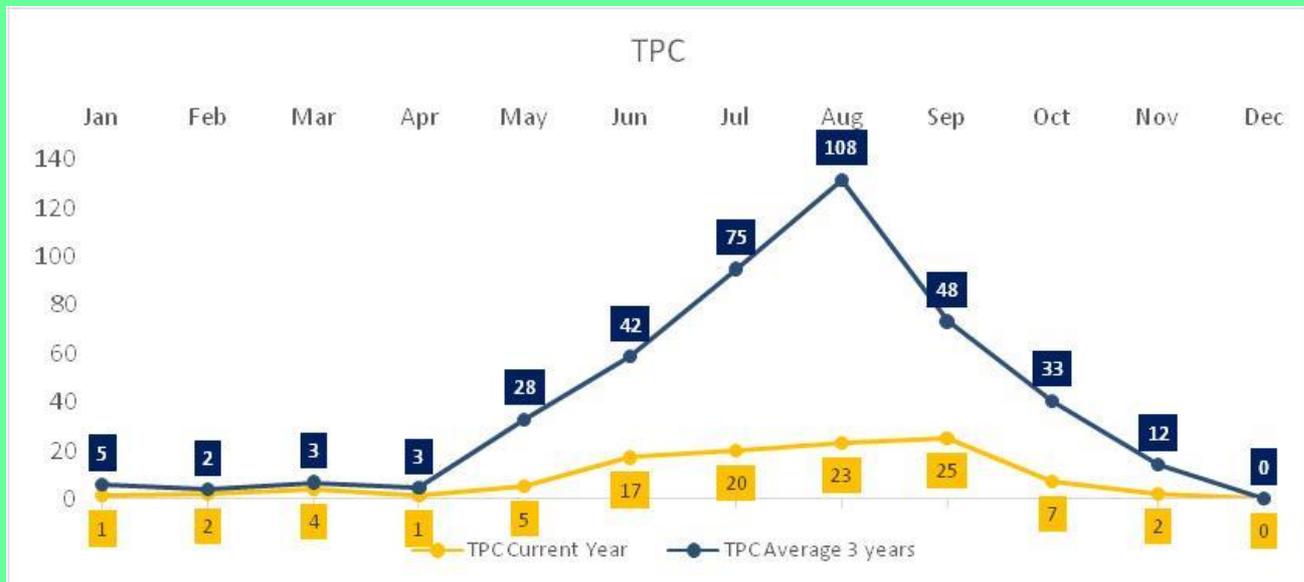
There is a decline of TPC by 97.1% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decline of TPC by 88.9% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 3: MONTH WISE TREND OF TPR IN HARYANA
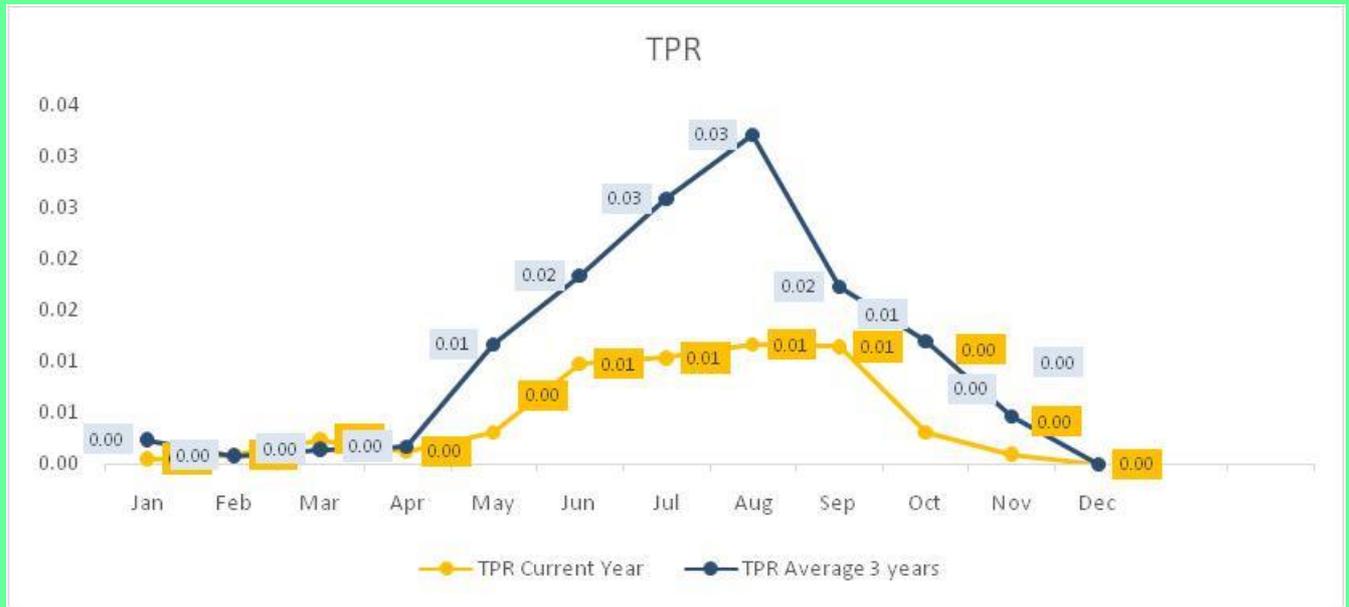
The TPR was 0.1 during (Jan-Dec) 2020 as compared to 1.4 for three years average cumulative of Jan-Dec.The TPR was 0.3 during (Jan-Dec) 2019.The TPR was decline by 83.3% during (Jan-Dec) 2020 as compared (Jan-Dec) 2019.

GRAPH 4: MONTH WISE TREND OF PF IN HARYANA
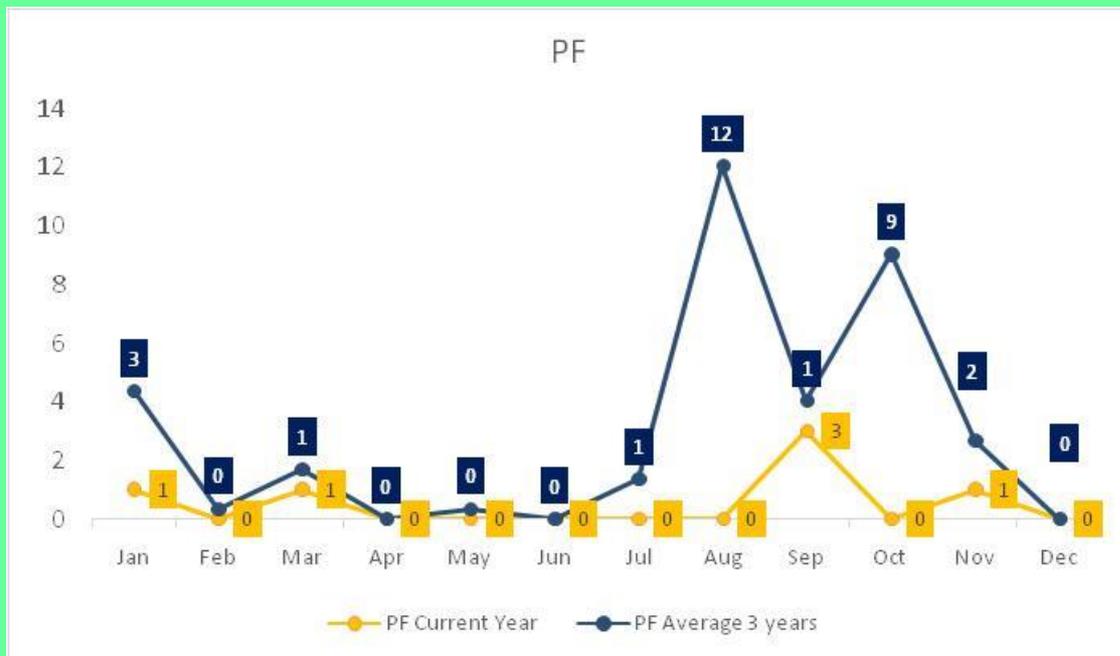
There is a decline of PF by 98.8% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decline of PF by 92.8% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019

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6)HIMACHAL PRADESH

GRAPH 1: MONTH WISE TREND OF BSE IN HIMACHAL PRADESH
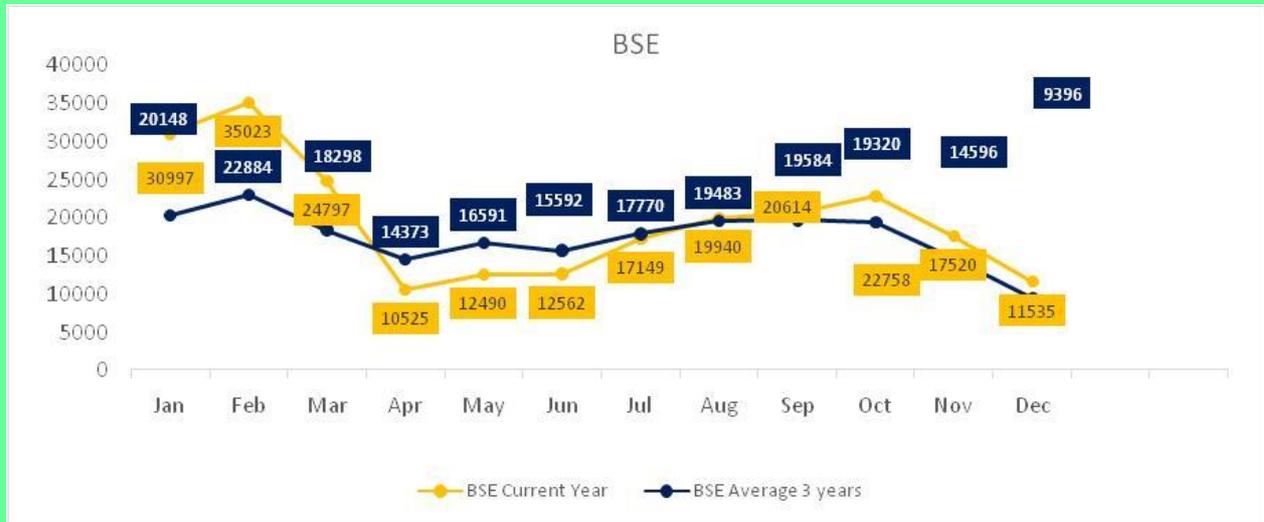
There is a decline of BSE by 45.8% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is also a decline of BSE by 41.0% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 2: MONTH WISE TREND OF TPC IN HIMACHAL PRADESH

There is a decline of TPC by 67.2% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decrease of TPC by 69.7% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

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GRAPH 3: MONTH WISE TREND OF TPR IN HIMACHAL PRADESH
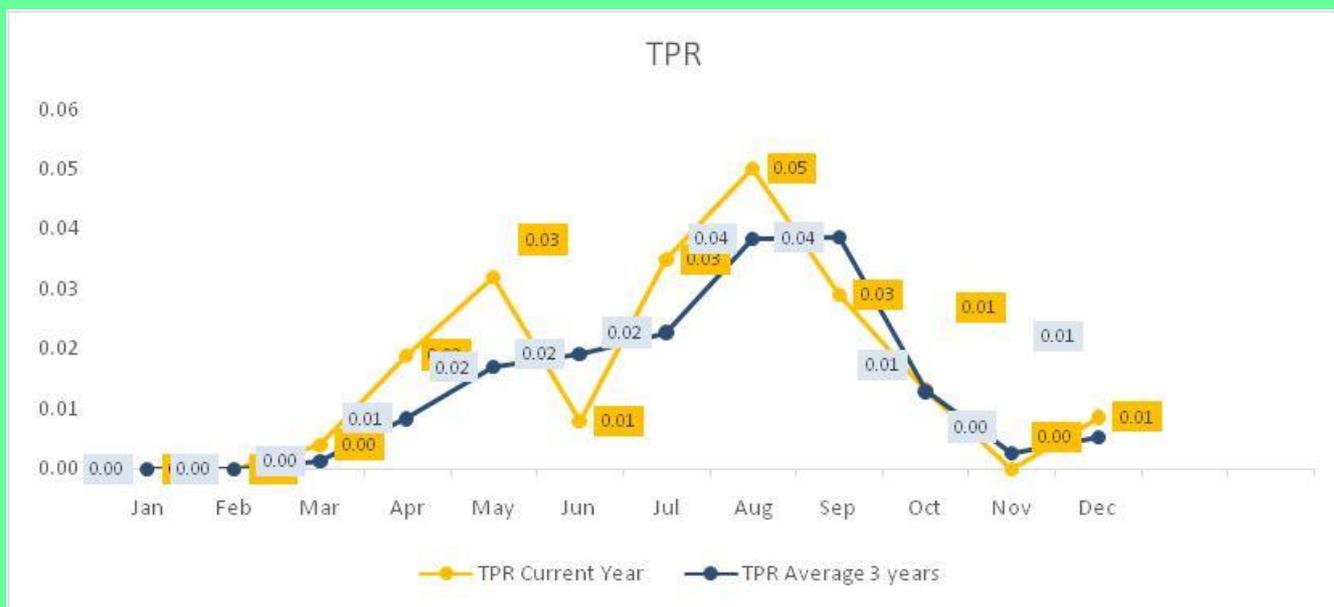
The TPR was 0.2 during (Jan-Dec) 2020 and was same during the three years average cumulative of Jan-Dec. The TPR was 0.3 during (Jan-Dec) 2019. The TPR was decline by 33.5% during (Jan-Dec) 2020 as compared (Jan-Dec) 2019.

**GRAPH 4: MONTH WISE TREND OF PF IN HIMACHAL PRADESH**
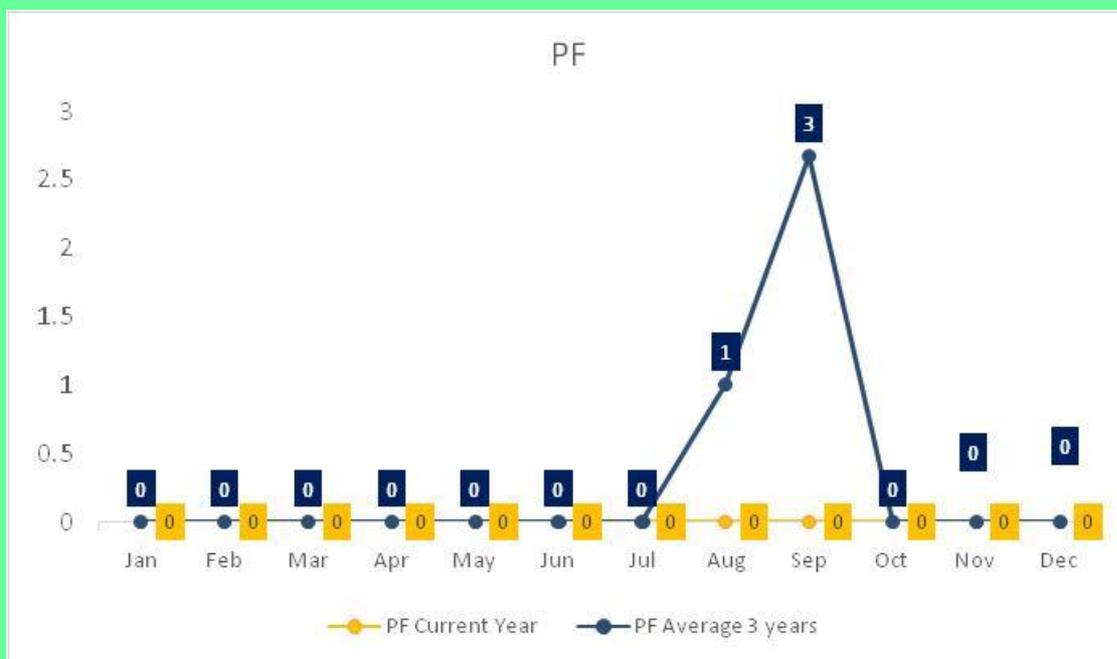
There are 0 PF during (Jan-Dec) 2020, 10 PF for three years average cumulative of of last 3 years of corresponding period(Jan-Dec).

**GRAPH 1: MONTH WISE TREND OF BSE IN JAMMU & KASHMIR**

There is a decline of BSE by 30.0% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is also a decline of BSE by 22.1% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 2: MONTH WISE TREND OF TPC IN JAMMU & KASHMIR
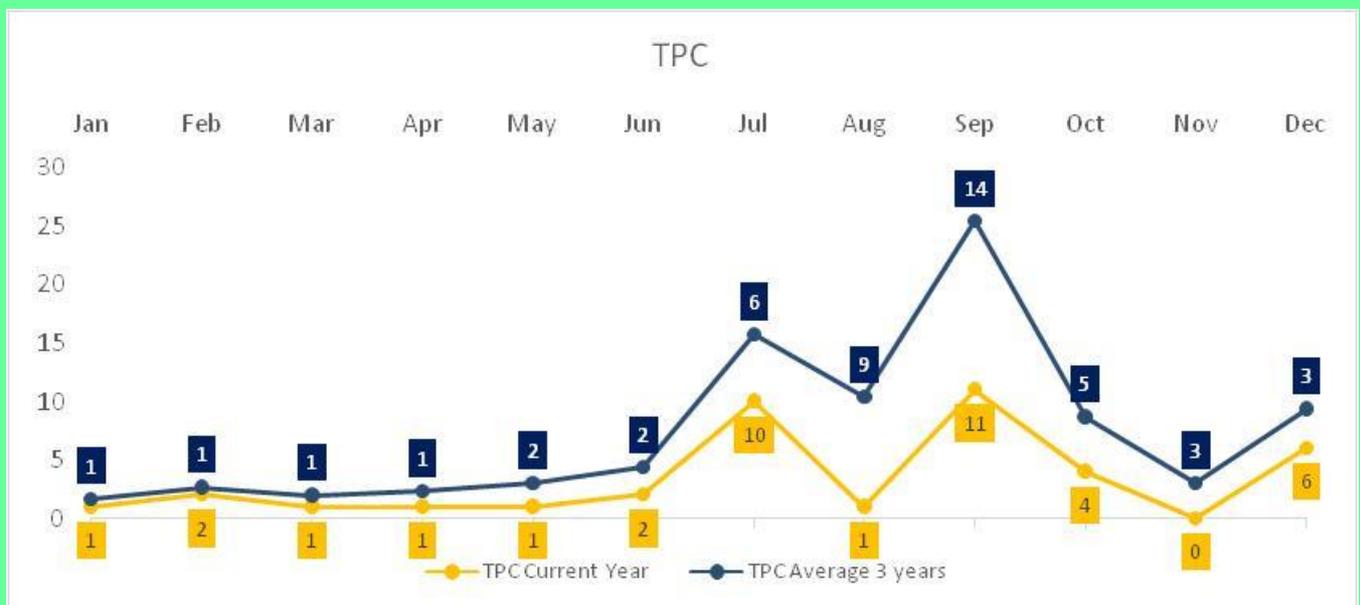
There is a decline of TPC by 79.3% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decrease of TPC by 67.6% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

**GRAPH 3: MONTH WISE TREND OF TPR IN JAMMU & KASHMIR**
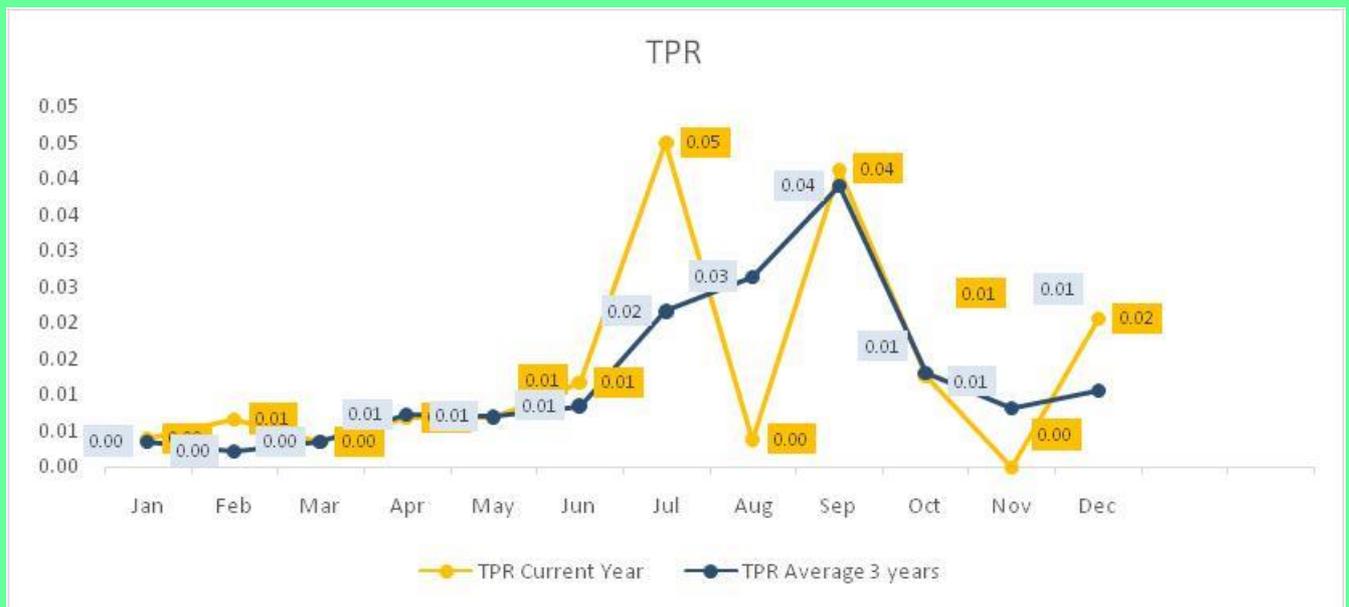
The TPR was 0.2 during (Jan-Dec) 2020 and compared to 0.4 average 3 years cumulative of Jan-Dec. The TPR was 0.3 during (Jan-Dec) 2019. The TPR was decline by 43.8% during (Jan-Dec) 2020 as compared (Jan-Dec) 2019.

GRAPH 4: MONTH WISE TREND OF PF IN JAMMU & KASHMIR

One PF case is detected during Jan- Dec 2020 .

8)KERALA

GRAPH 1: MONTH WISE TREND OF BSE IN KERALA

There is a decline of BSE by 48.0% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is also a decline of BSE by 47.2% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 2: MONTH WISE TREND OF TPC IN KERALA
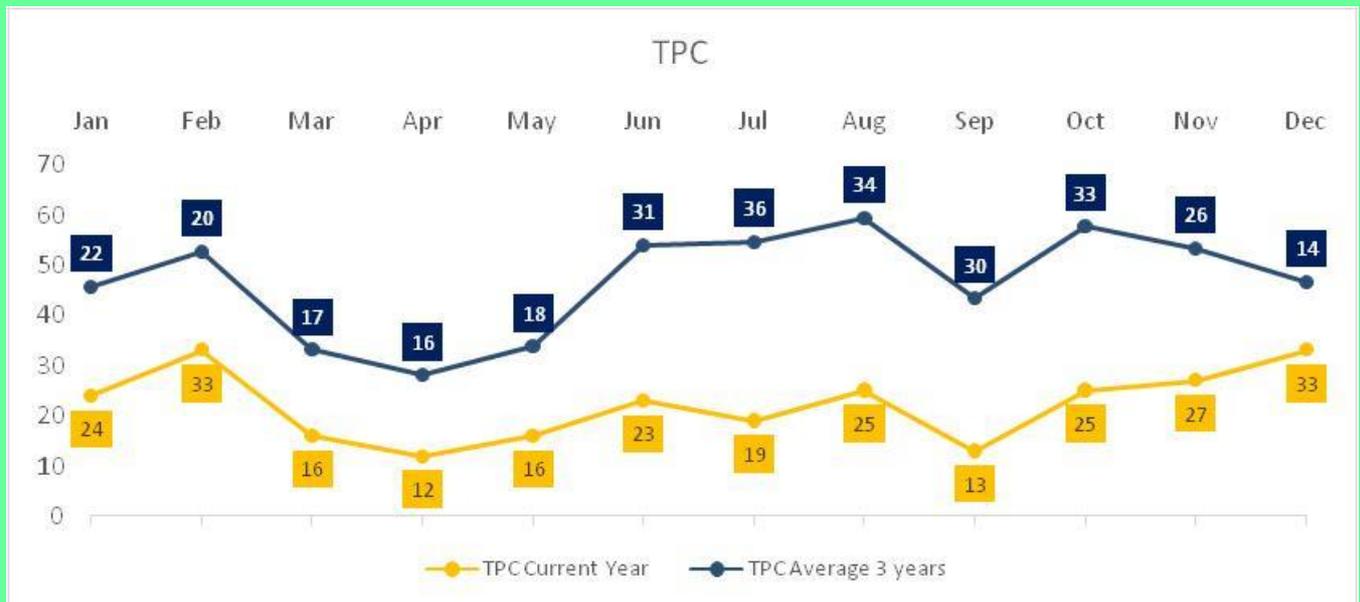
There is a decline of TPC by 74.6% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decrease of TPC by 64.4% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 3: MONTH WISE TREND OF TPR IN KERALA

The TPR was same 0.2 during (Jan-Dec) 2020, and compared to 0.4 average 3 years cumulative of Jan-Dec. The TPR was 0.3 during (Jan-Dec) 2019. The TPR was decline by 18.1 % during (Jan-Dec) 2020 as compared (Jan-Dec) 2019.

GRAPH 4: MONTH WISE TREND OF PF IN KERALA
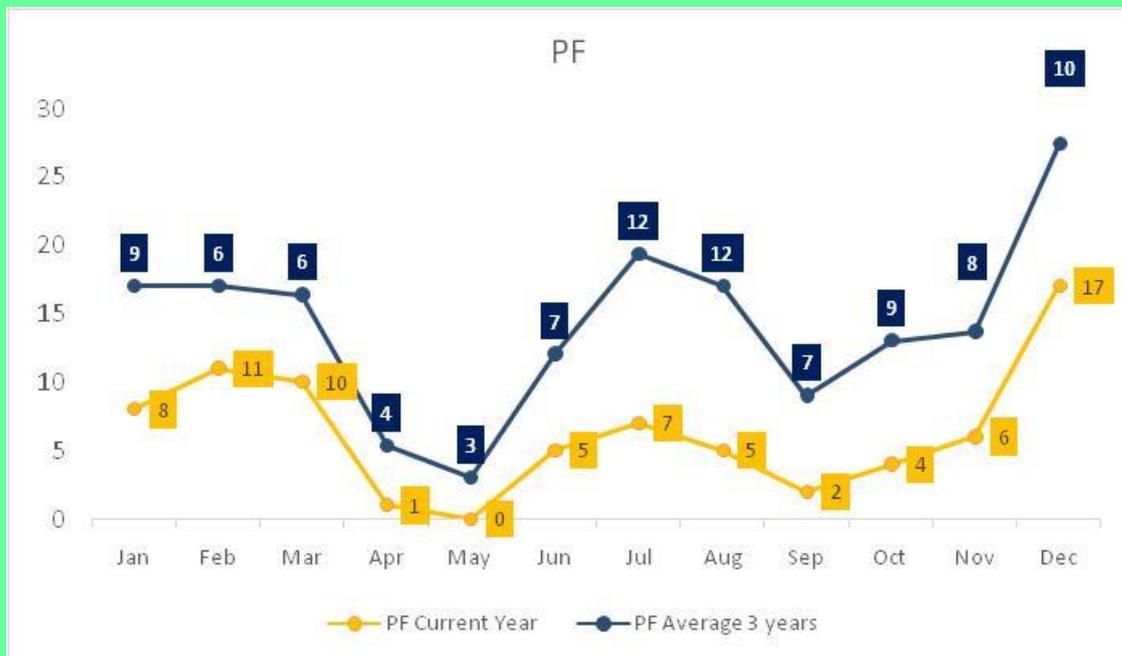
There is a decline PF by 68.8% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a similar decline PF by 63.1% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

9) LAKSHADWEEP

GRAPH 1: MONTH WISE TREND OF BSE IN LAKSHADWEEP

There is an increase of BSE by 21.6% during (Jan-Dec)2020 as compared to three years average cumulative of Jan-Dec. There is also an increase of BSE by 8.2% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec)2019.

GRAPH 2: MONTH WISE TREND OF TPC IN LAKSHADWEEP
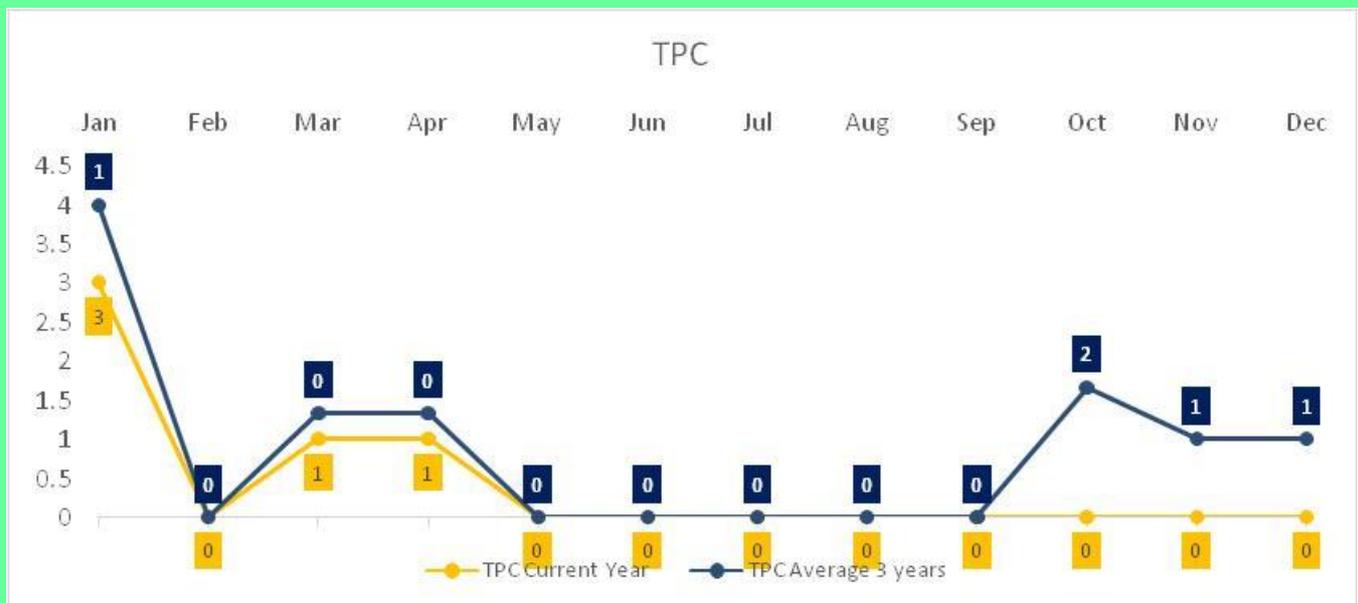
The TPC was 5 during (Jan-Dec) 2020. There is a decline of TPC by 11.8% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decrease of TPC by 54.5% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019

GRAPH 3: MONTH WISE TREND OF TPR IN LAKSHADWEEP
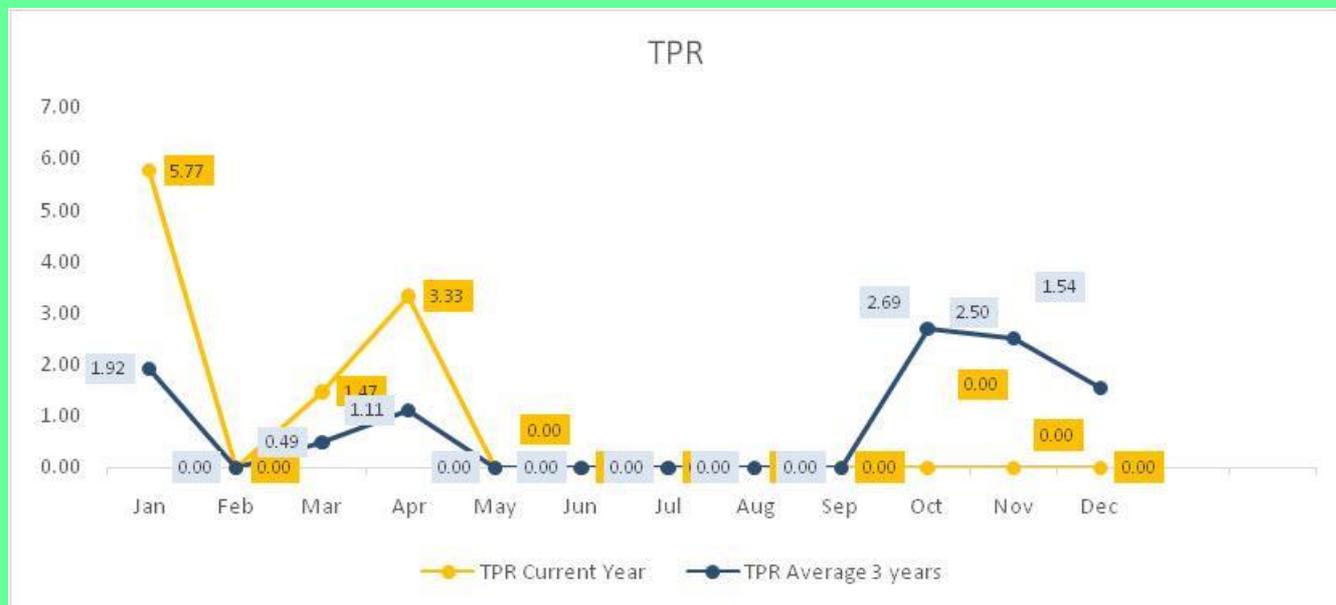
The TPR was 10.6 during (Jan-Dec) 2020 against 11.7 for three years average cumulative of Jan-Dec. The TPR was 20.2 during (Jan-Dec) 2019. There was decline TPR by 47.6% during (Jan-Dec)2020 as compared to Jan -Oct 19.

MONTH WISE TREND OF PF IN LAKSHADWEEP

There are 0 PF case during (Jan-Dec) 2020 and during (Jan-Dec)2019.

10) MANIPUR

**GRAPH 1: MONTH WISE TREND OF BSE IN MANIPUR**
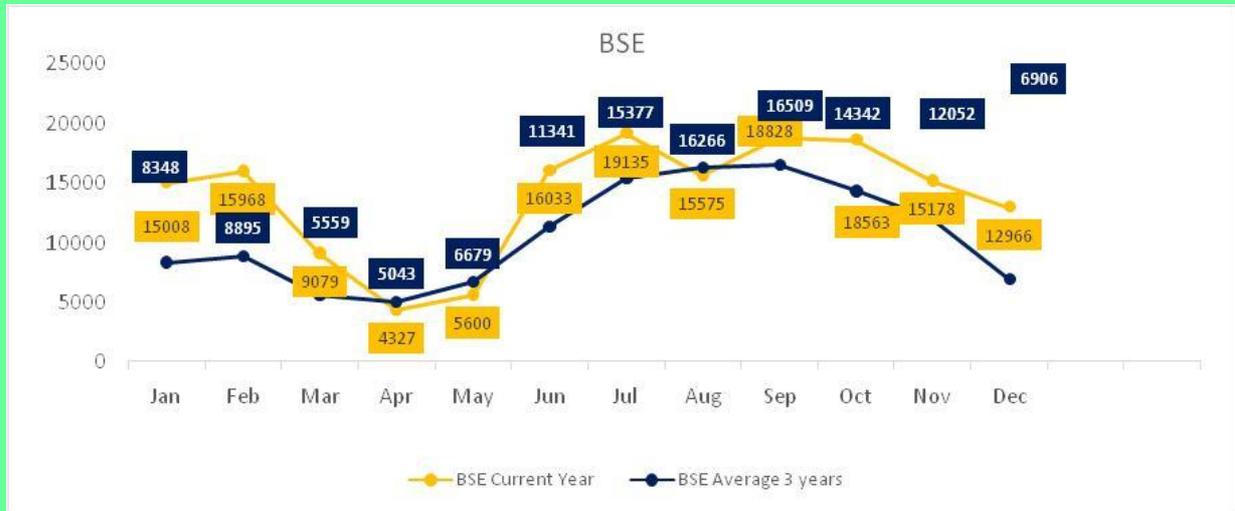
There is an increase of BSE by 12.7% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is also a decline of BSE by 27.3% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 2: MONTH WISE TREND OF TPC IN MANIPUR
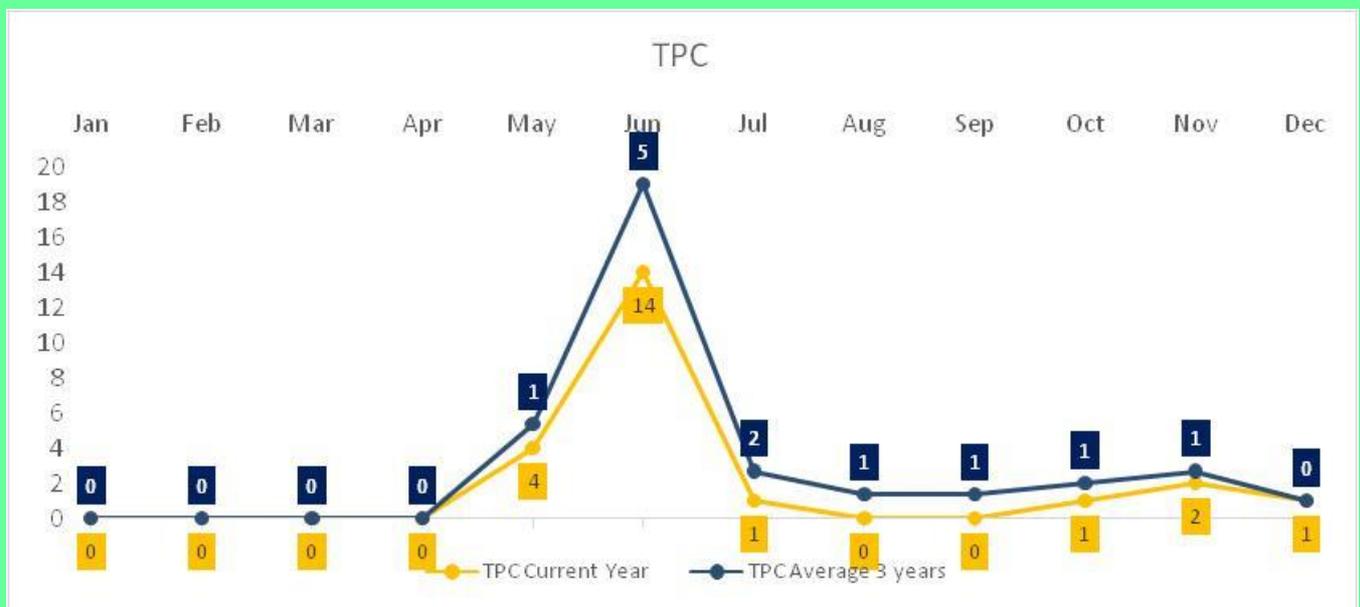
There is a decline of TPC by 38.3% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is an increase of TPC by 46.7% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 3: MONTH WISE TREND OF TPR IN MANIPUR
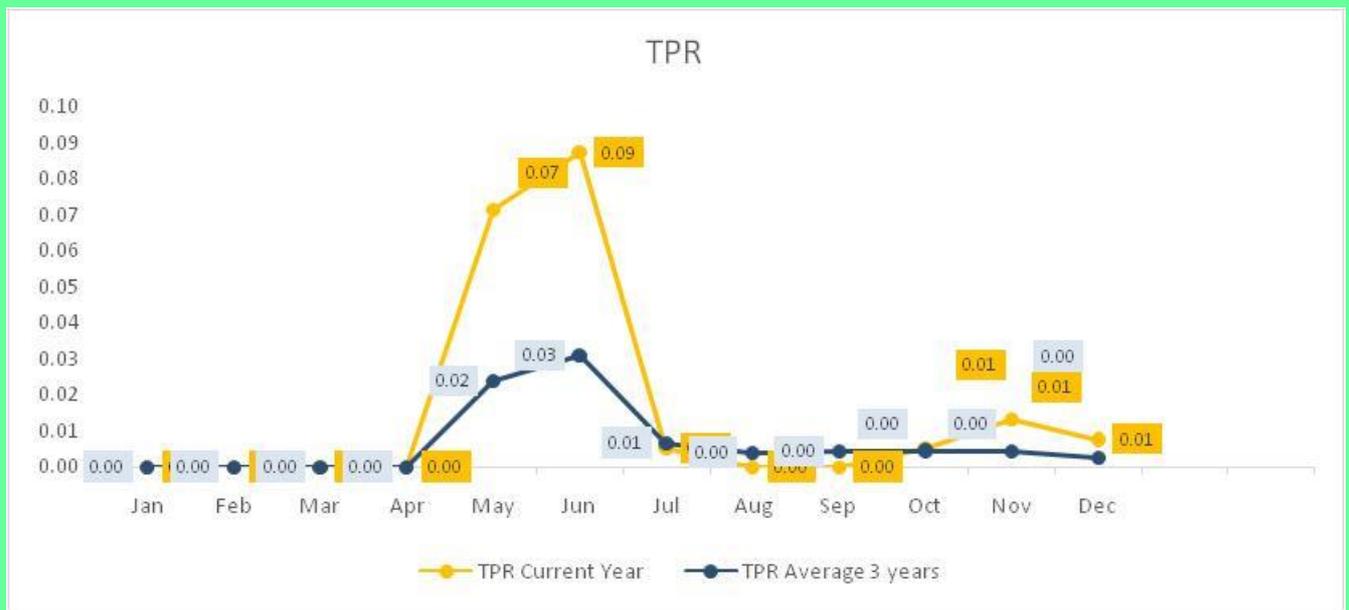
The TPR was 0.2 during (Jan-Dec) 2020 as compared to 0.3 for three years average cumulative of Jan-Dec. The TPR was 0.05 during (Jan-Dec) 2019. The TPR was increased by 254.8% during (Jan-Dec) 2020 as compared (Jan-Dec) 2019.

GRAPH 4: MONTH WISE TREND OF PF IN MANIPUR
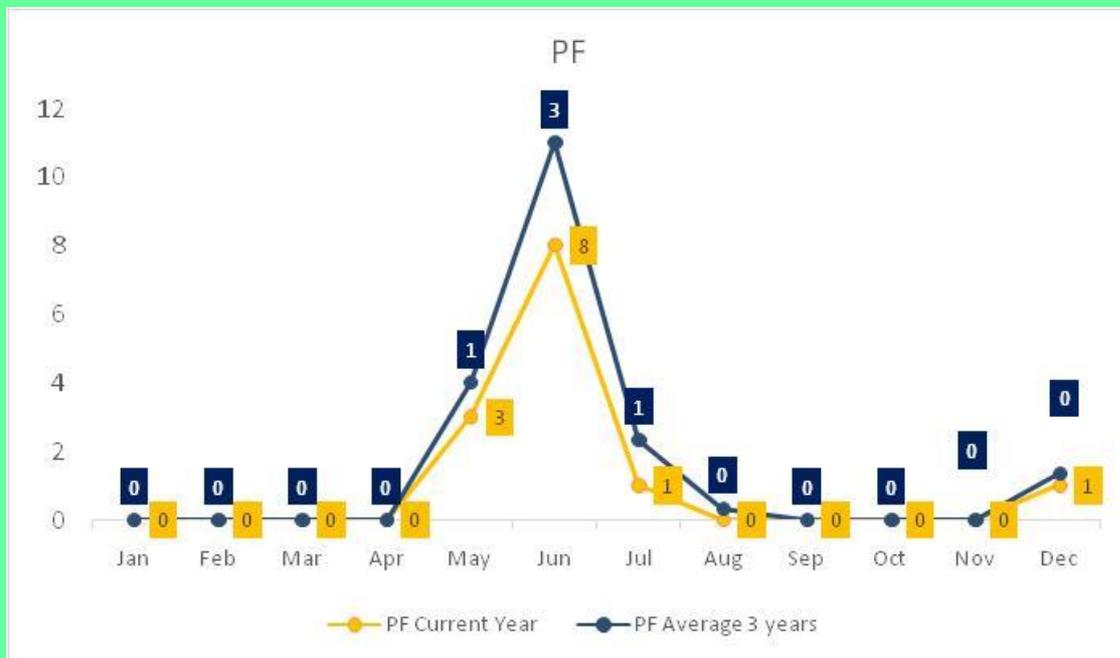
There is an increase of PF by 25.8% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is an increase of PF by 160.0% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

**GRAPH 1: MONTH WISE TREND OF BSE IN PUDUCHERRY**
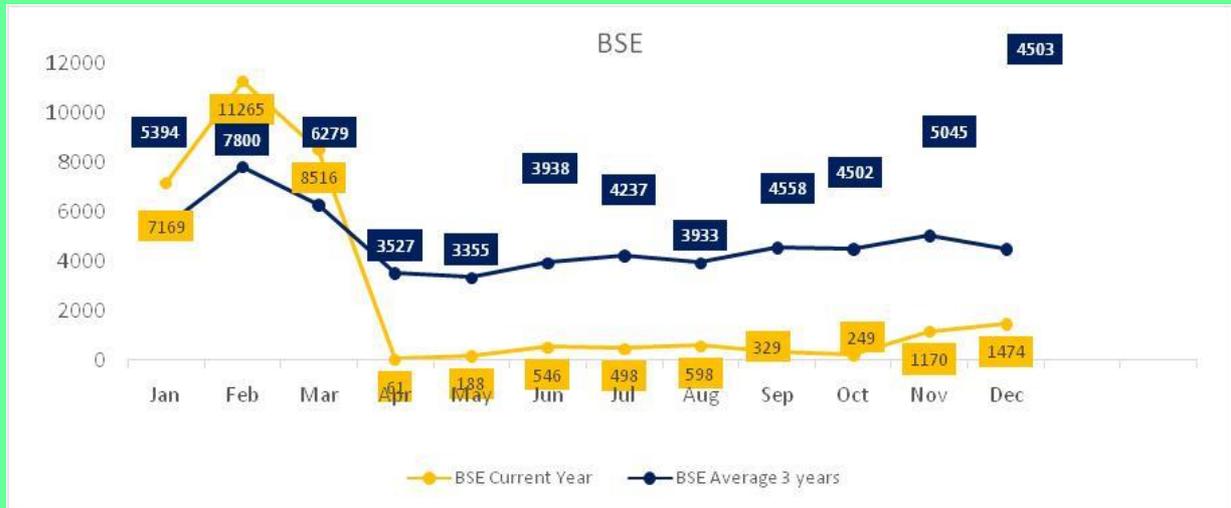
There is a decline of BSE by 77.4% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is also a decline of BSE by 77.2% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

**GRAPH 2: MONTH WISE TREND OF TPC IN PUDUCHERRY**
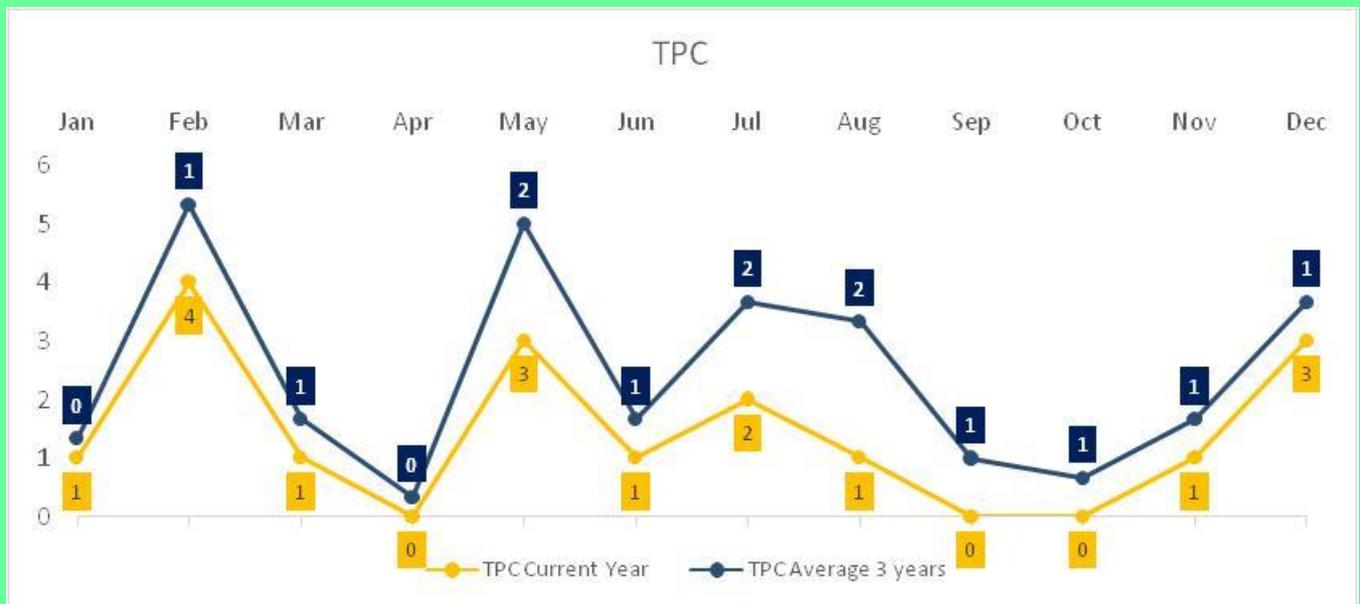
There is a decline of TPC by 69.1% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decrease of TPC by 39.1% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 3: MONTH WISE TREND OF TPR IN PUDUCHERRY
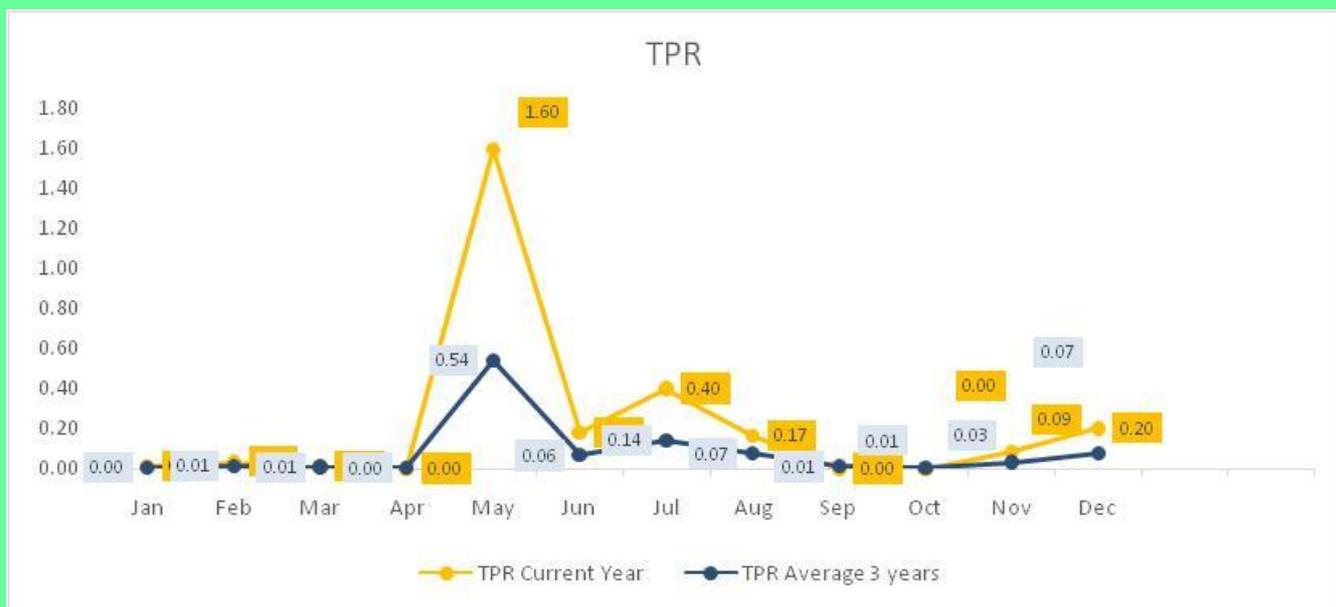
The TPR was 2.7during (Jan-Dec) 2020 as compared to 0.4 for three years average cumulative of Jan-Dec. The TPR was 0.2 during (Jan-Dec) 2019. The TPR was increased by 1275.8% during (Jan-Dec) 2020 as compared (Jan-Dec) 2019.

GRAPH 4: MONTH WISE TREND OF PF IN PUDUCHERRY
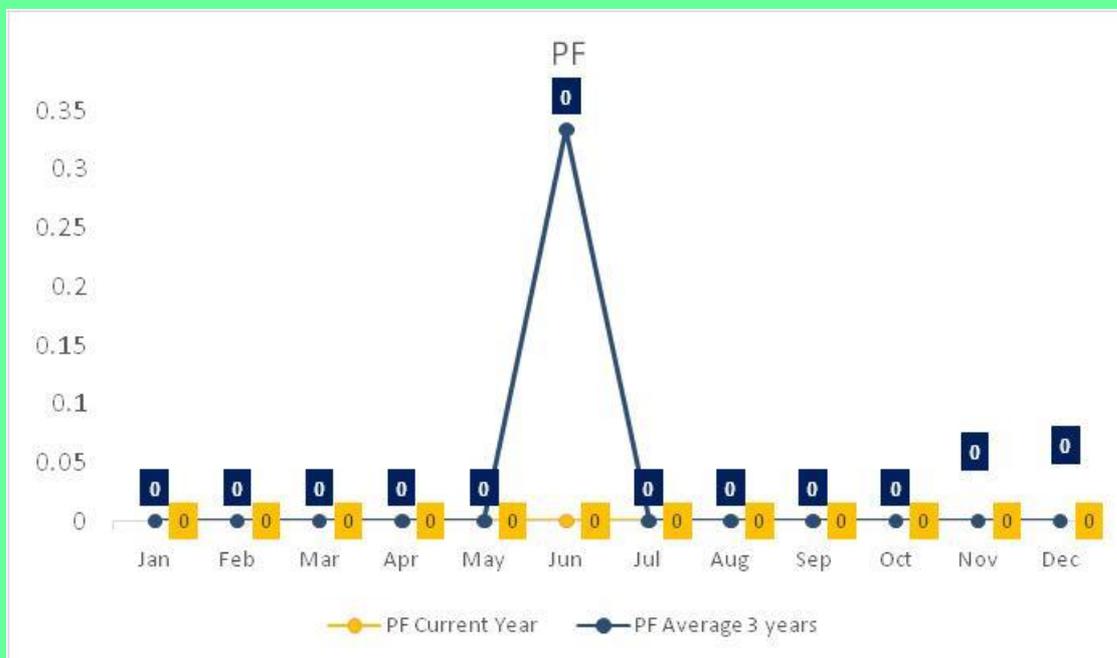
The PF is 0 during (Jan-Dec) 2020 as compared to 6 cases for three years average cumulative of Jan-Dec.

12) PUNJAB

GRAPH 1: MONTH WISE TREND OF BSE IN PUNJAB
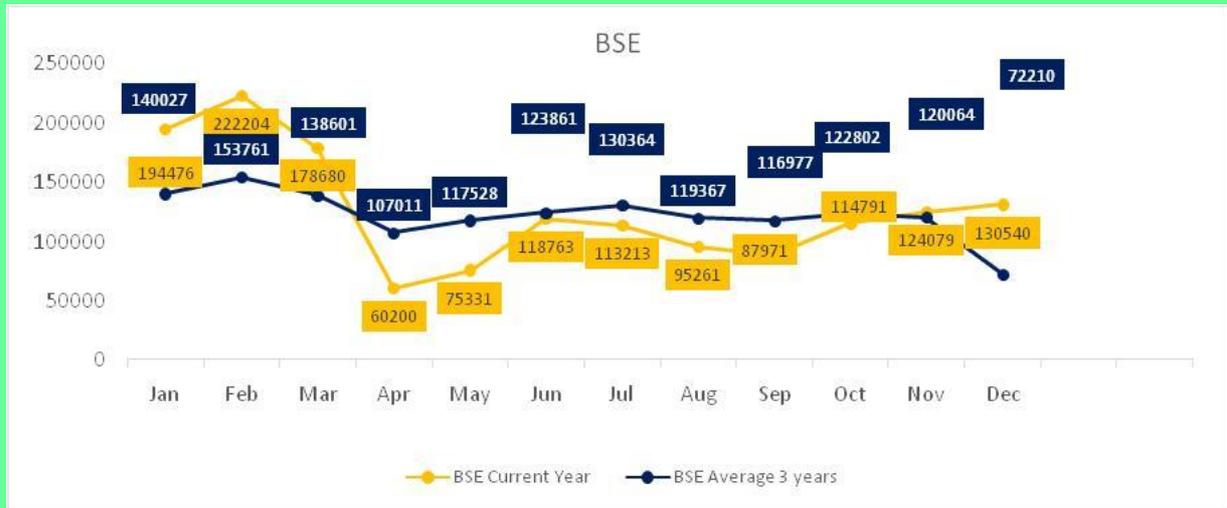
There is a decline of BSE by 42.6% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is also a decline of BSE by 49.5% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 2: MONTH WISE TREND OF TPC IN PUNJAB
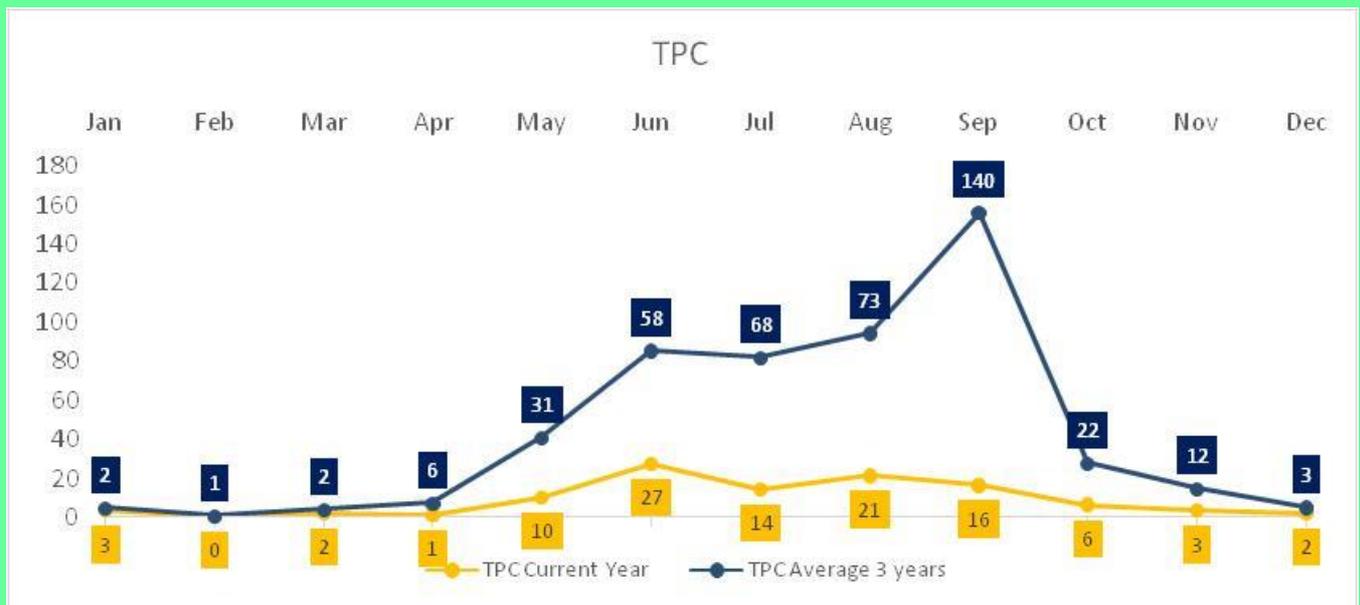
There is a decline of TPC by 88.1% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decrease of TPC by 91.0% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 3: MONTH WISE TREND OF TPR IN PUNJAB
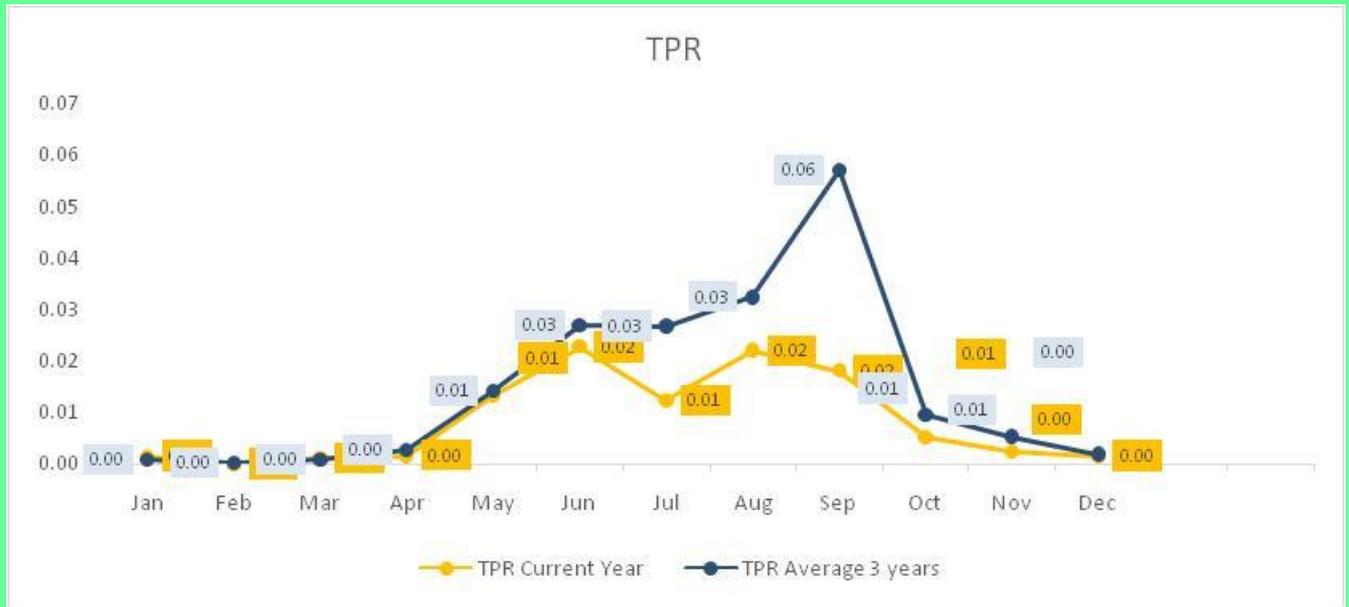
The TPR was 0.1 during (Jan-Dec) 2020 as compared to 0.4 for three years average cumulative of Jan-Dec. The TPR was 0.4 during (Jan-Dec) 2019. The TPR was decline by 76.5% during (Jan-Dec) 2020 as compared (Jan-Dec) 2019.

GRAPH 4: MONTH WISE TREND OF PF IN PUNJAB
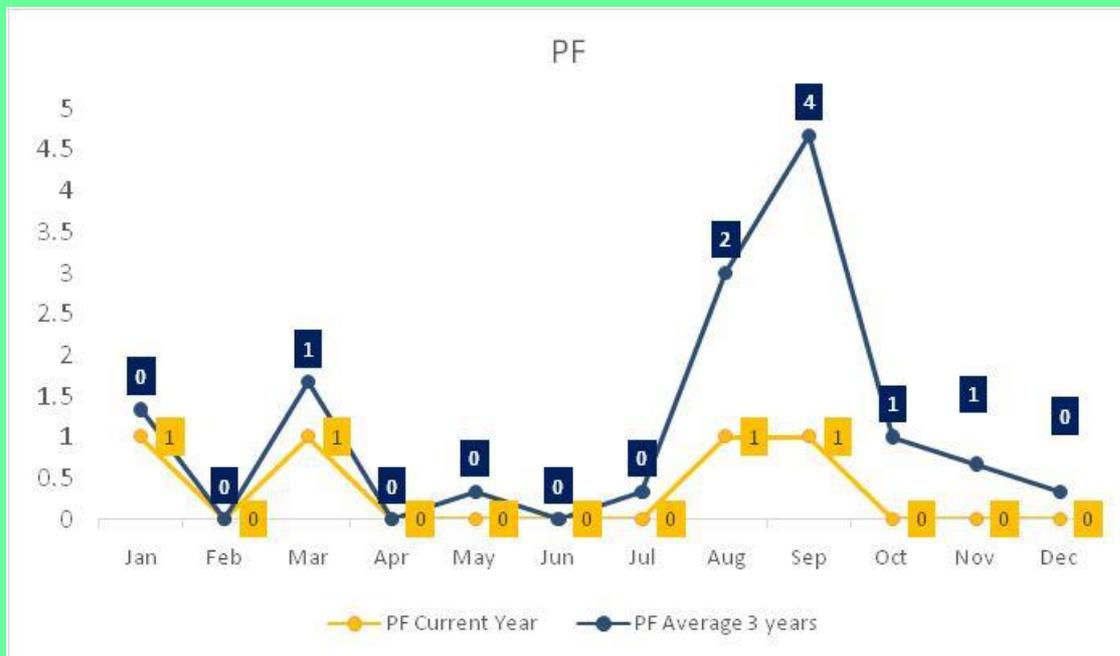
There is a decline of PF by 76.5% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decline of PF by 83.3% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 1: MONTH WISE TREND OF BSE IN RAJASTHAN
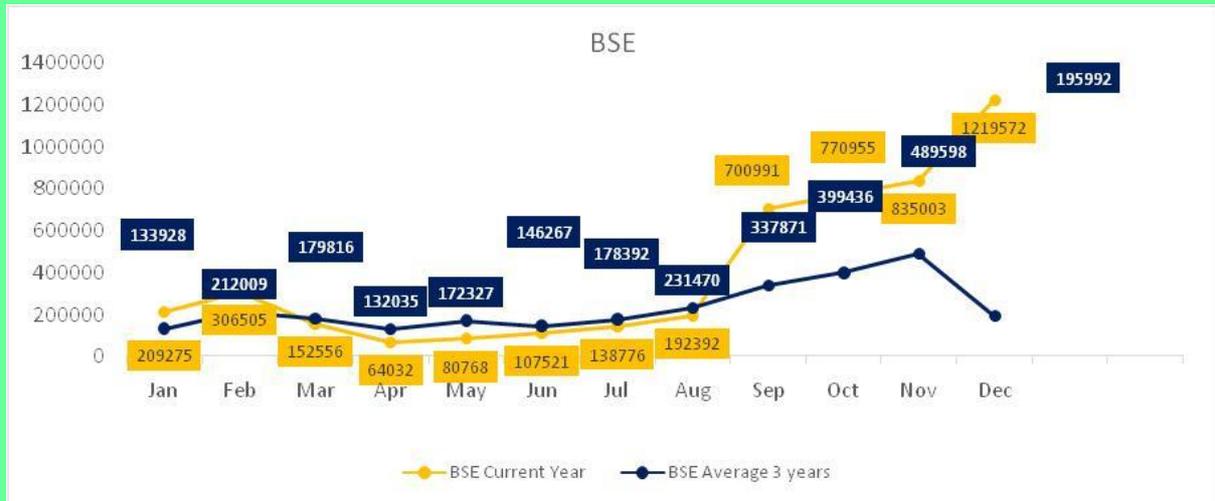
There is a decline of BSE by 11.5% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is also a decline of BSE by 1.9% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 2: MONTH WISE TREND OF TPC IN RAJASTHAN

There is a decline of TPC by 80.7% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decline of TPC by 61.2% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

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GRAPH 3: MONTH WISE TREND OF TPR IN RAJASTHAN
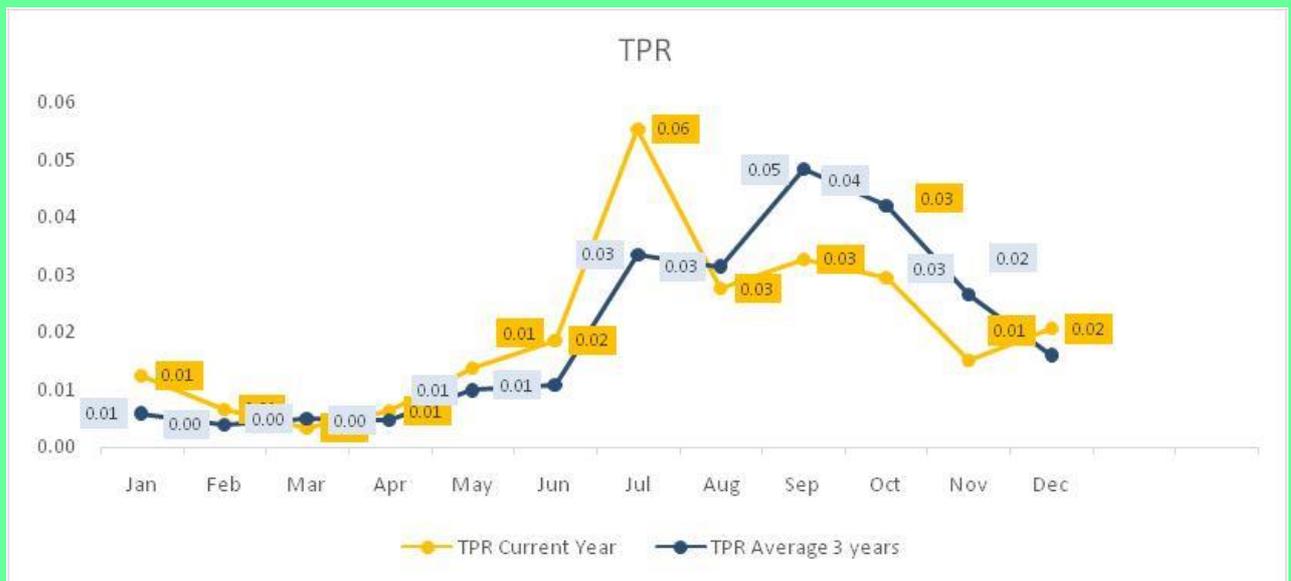
The TPR was 0.2 during (Jan-Dec) 2020 as compared to 0.8 for three years average cumulative of Jan-Dec. The TPR was 0.5 during (Jan-Dec) 2019.The TPR was decline by 48.8% during (Jan-Dec) 2020 as compared (Jan-Dec) 2019.

GRAPH 4: MONTH WISE TREND OF PF IN RAJASTHAN
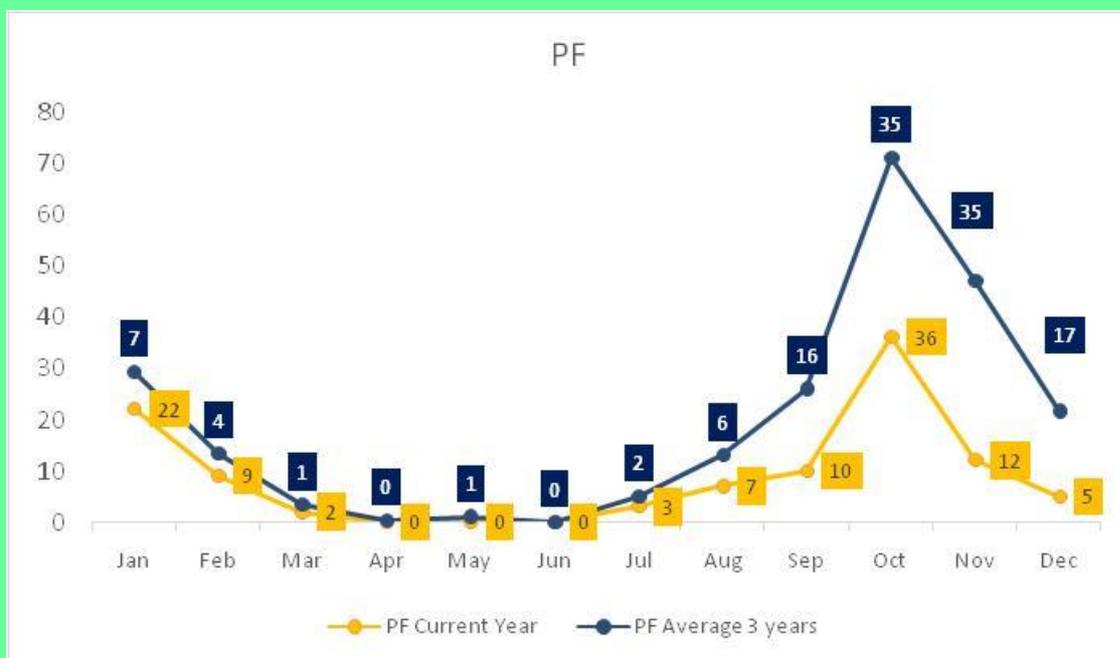
There is a decline of PF by 64.1% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is an increase of PF by 60.6% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 1: MONTH WISE TREND OF BSE IN SIKKIM
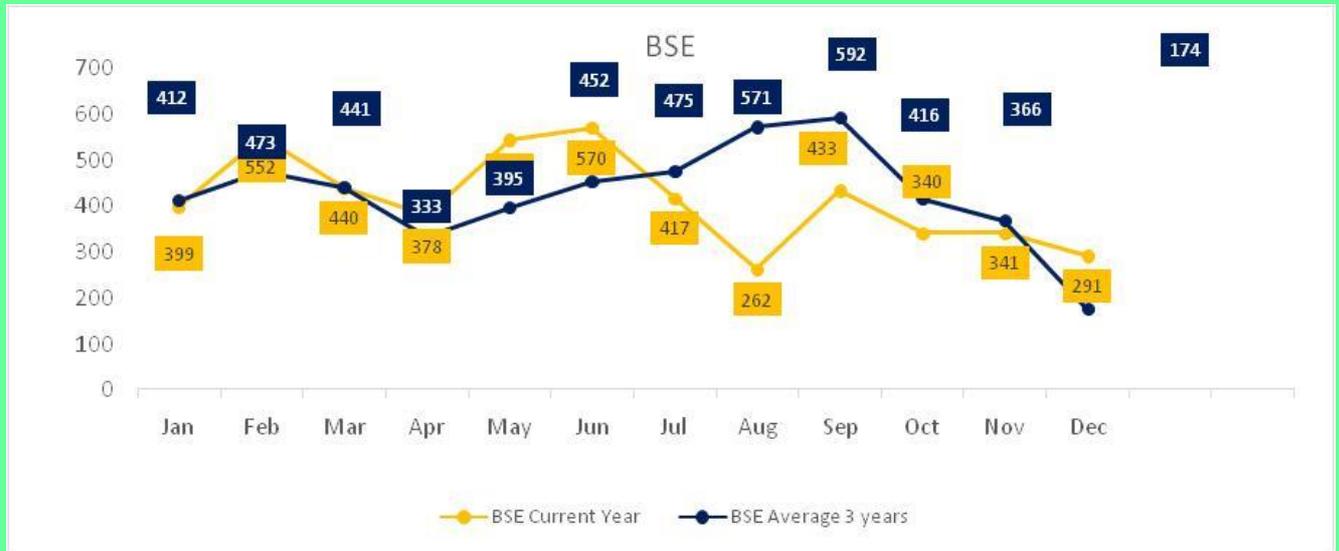
There is a decline of BSE by 56.5% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is also a decline of BSE by 53.2% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 2: MONTH WISE TREND OF TPC IN SIKKIM
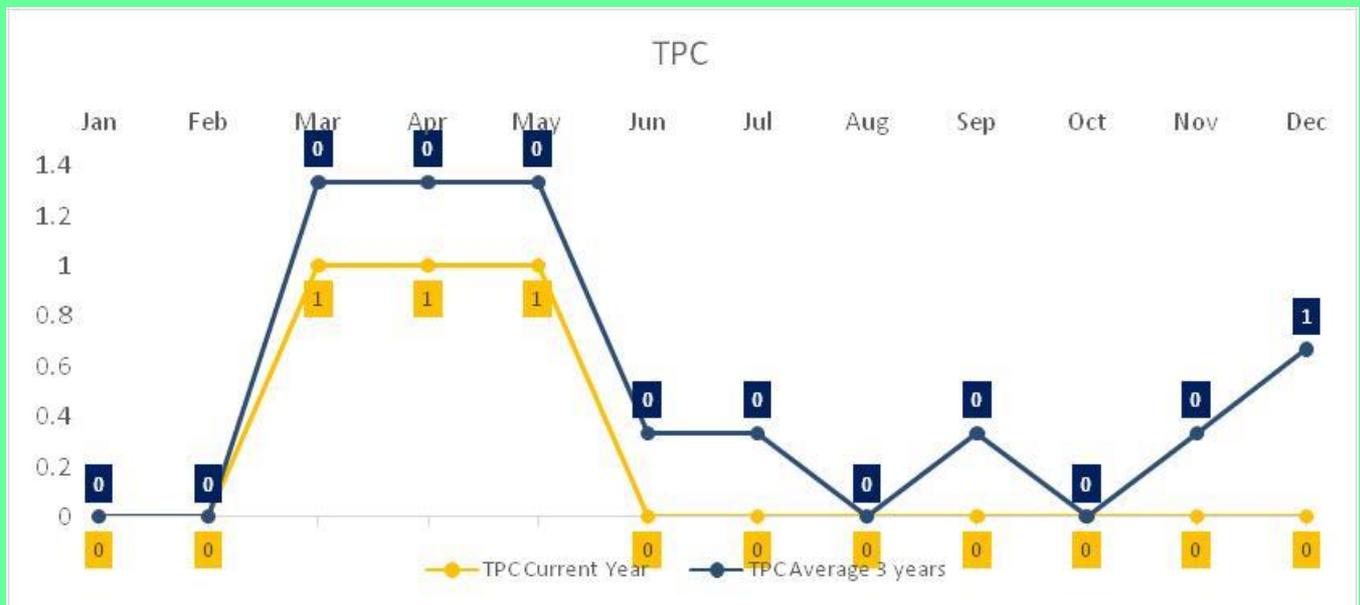
There is a decline of TPC by 57.1% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decline of TPC by 50% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 3: MONTH WISE TREND OF TPR IN SIKKIM

The TPR was 0.7 during (Jan-Dec) 2020 as compared to 0.8for three years average cumulative of Jan-Dec. The TPR was 0.8 during (Jan-Dec) 2019. The TPR was decline by 17.2% during (Jan-Dec) 2020 as compared (Jan-Dec) 2019.

MONTH WISE TREND OF PF IN SIKKIM

The PF was 0 during (Jan-Dec) 2020, while 2 pf cases during three years average cumulative of Jan-Dec.

15) UTTARAKHAND

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

There is a decline of BSE by 54.7% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is also a decline of BSE by 53.5% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

**GRAPH 2: MONTH WISE TREND OF TPC IN UTTARAKHAND**
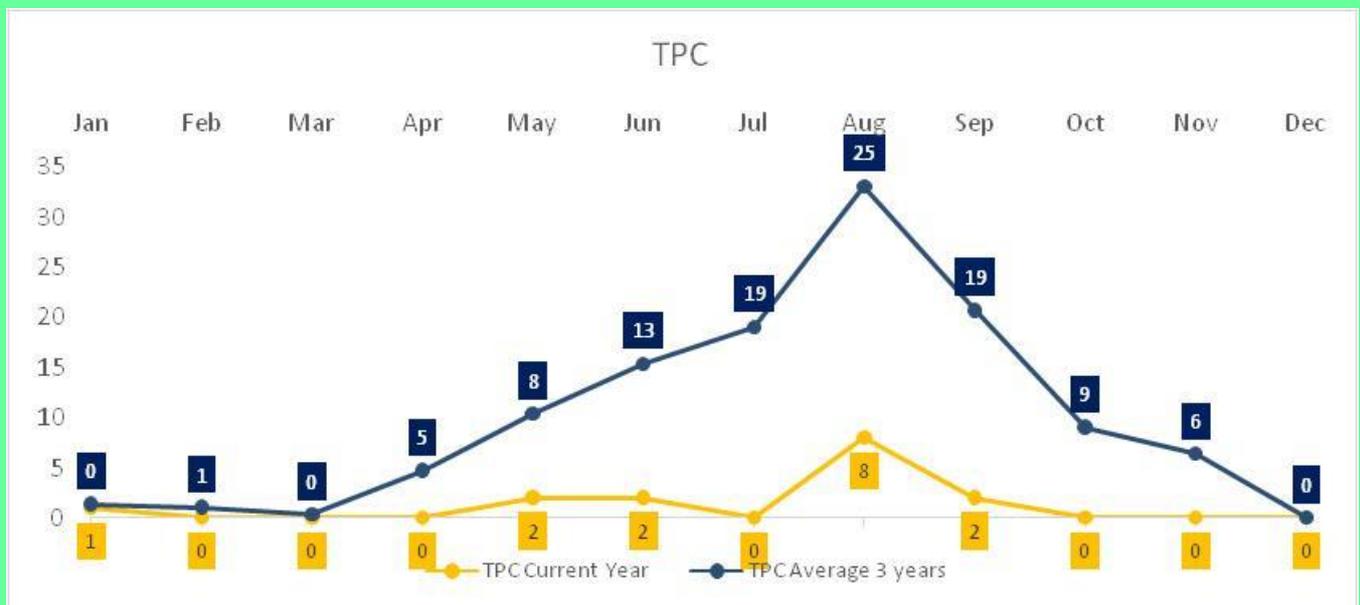
There is a decline of TPC by 96.4% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decrease of TPC by 95.0% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 3: MONTH WISE TREND OF TPR IN UTTARAKHAND
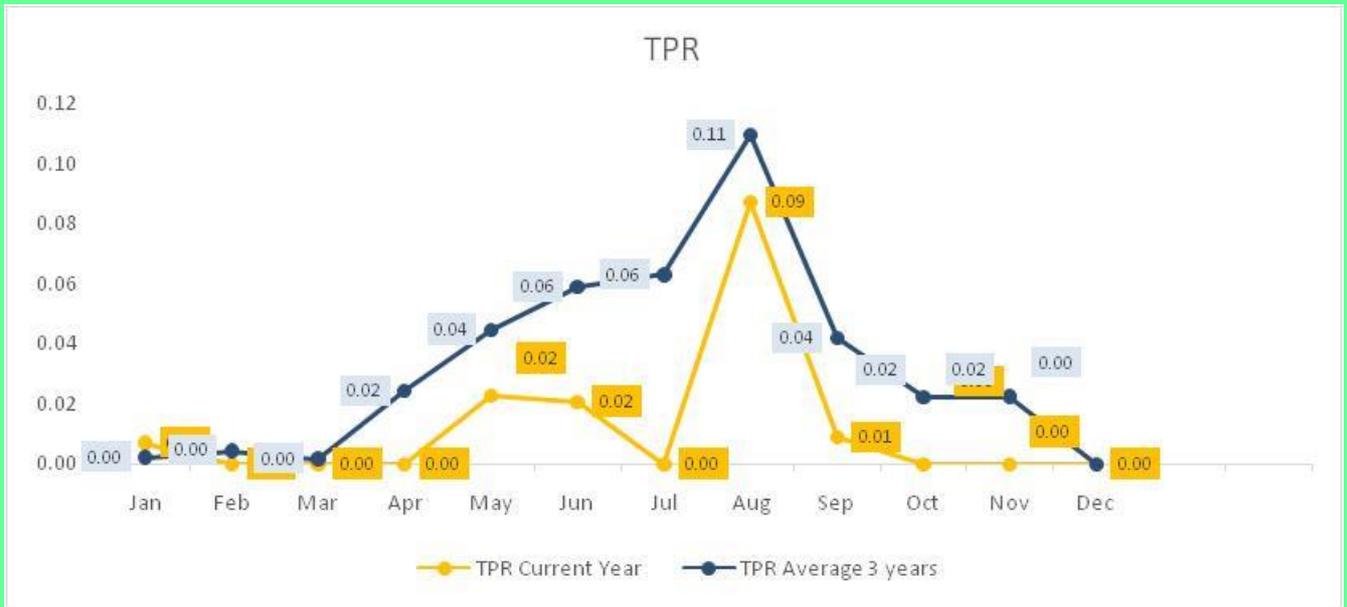
The TPR was 0.1 during (Jan-Dec) 2020 and was 1.4 during the three years average cumulative of Jan-Dec. The TPR was 1.0 during (Jan-Dec) 2019.The TPR was decline by 85.9 % during (Jan-Dec) 2020 as compared (Jan-Dec) 2019.

GRAPH 4: MONTH WISE TREND OF PF IN UTTARAKHAND
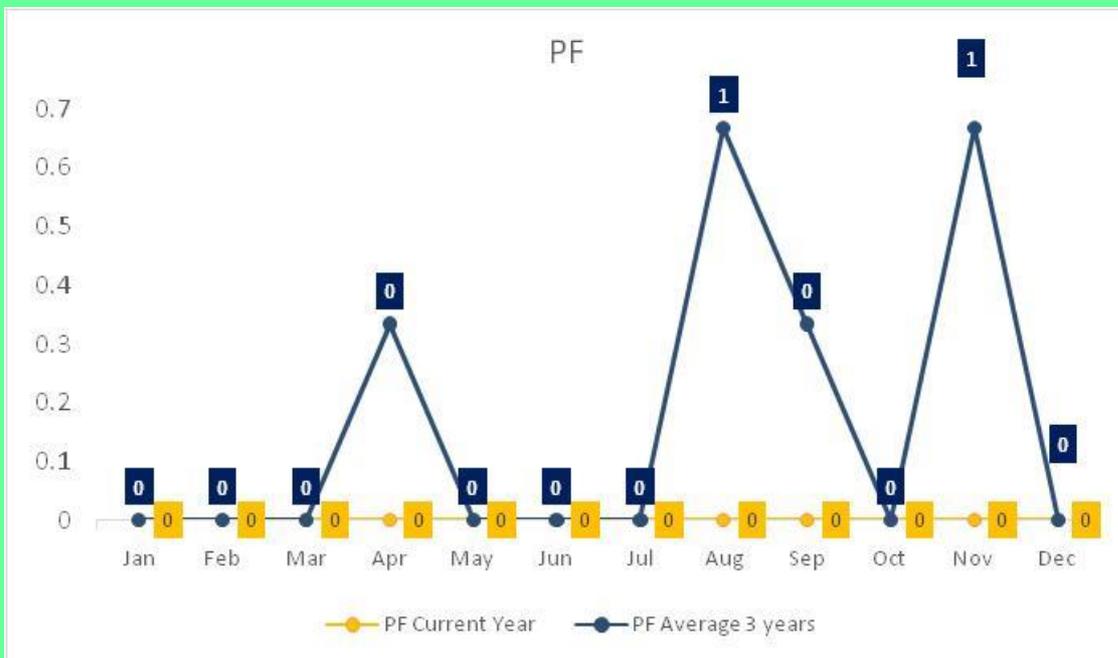
No Pf cases were reported during (Jan-Dec) 2020, 11Pf cases were reported during three years average cumulative of last three years Jan-Dec.

16) DELHI

GRAPH 1: MONTH WISE TREND OF BSE IN DELHI

There is a decline of BSE by 68.1% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is also a decline of BSE by 66.6% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 2: MONTH WISE TREND OF TPC IN DELHI

There is a decline of TPC by 61.2% during (Jan-Dec) 2020 as compared to three years average cumulative of Jan-Dec. There is a decrease of TPC by 68.0% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019.

GRAPH 3: MONTH WISE TREND OF TPR IN DELHI
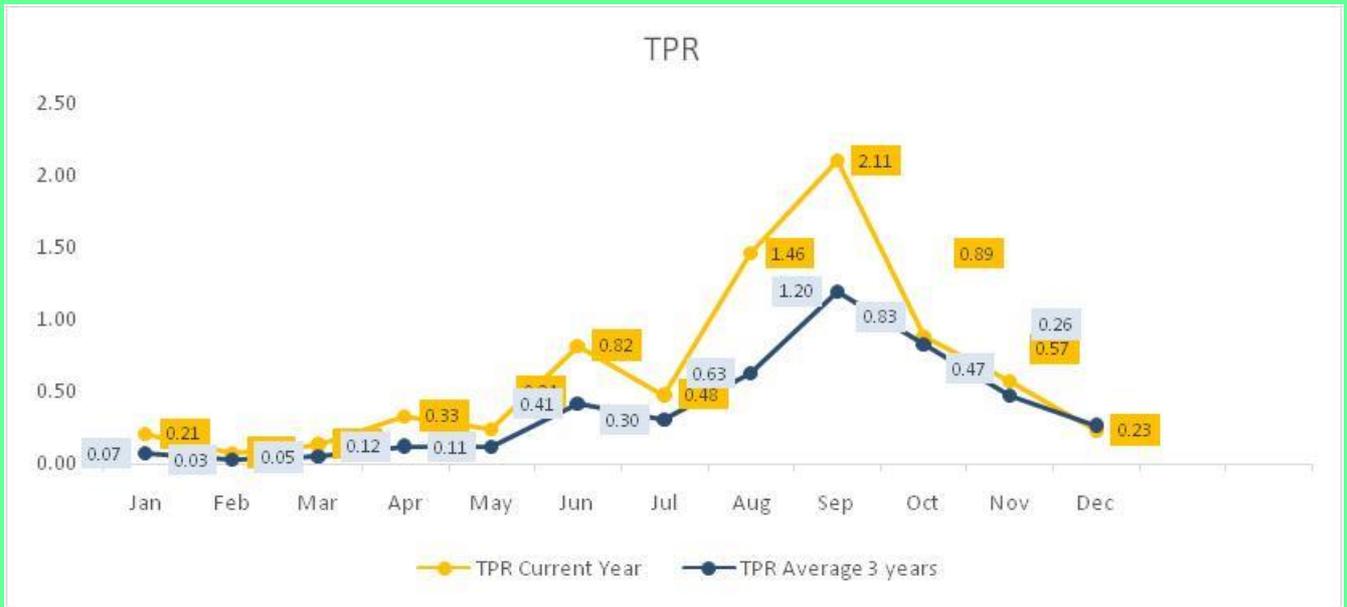
The TPR was 7.6 during (Jan-Dec) 2020 as compared to 4.8 for three years average cumulative of Jan-Dec. The TPR was 5.9 during (Jan-Dec) 2019,The TPR was increased by 28.4% during (Jan-Dec) 2020 as compared (Jan-Dec) 2019.

GRAPH 4: MONTH WISE TREND OF PF IN DELHI
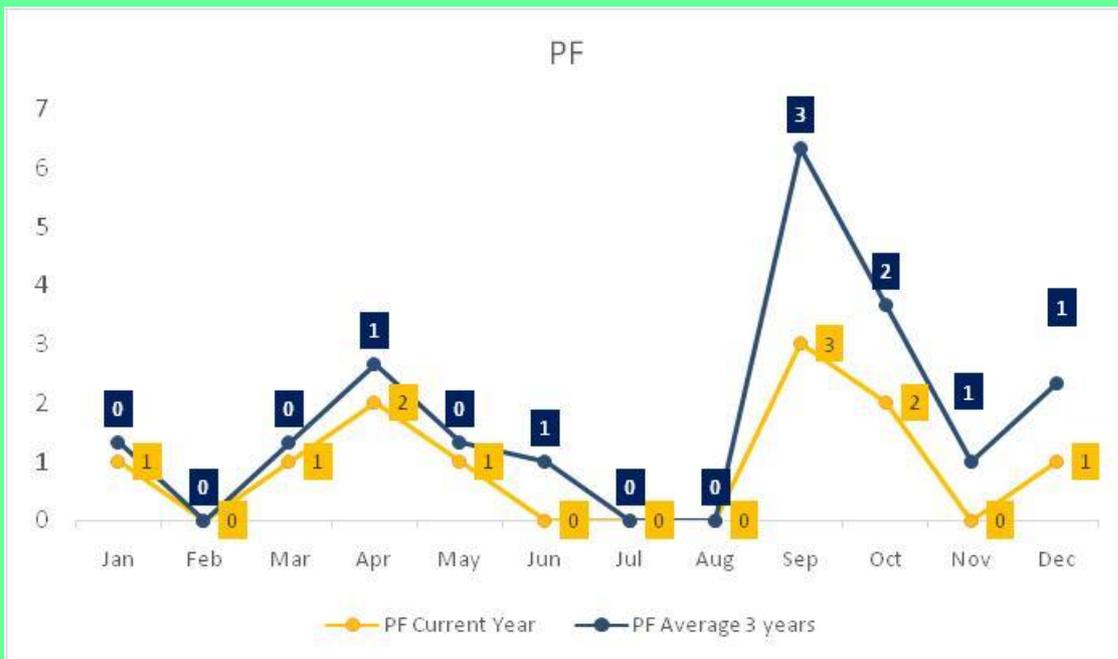
There is increase of PF by 50.0% during (Jan-Dec)2020 as compared to three years average cumulative of Jan-Dec. There was decline PF by 42.1% in (Jan-Dec) 2020 vis-à-vis (Jan-Dec) 2019

MALARIA EPIDEMIOLOGICALINDICATORS

S. N	Area	Indicator
1.	Surveillance/ case finding	No of Fever cases ,No of Malaria cases,No of Pf cases
2	Surveillance/ case finding	Monthlyl 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	Nos 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 house holds 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%