

DHIS- DISTRICT HEALTH INFORMATION SYSTEM (MIS CELL)

DIRECTORATE GENERAL HEALTH SERVICES, PUNJAB



Monthly Feedback Report DHIS-I (January-October, 2021)

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SUMMARY

Due to pandemic COVID-19 and dengue fever, there was a declined reporting of healthcare services in DHIS by Health facilities till October 2021. The OPD (Out Patient Department) of THOS (Teaching Hospitals) were closed till the end of May. On average, the highest total OPD attendance in January to October were observed in the age group of 15-49yrs. i.e. 2.11M males and 2.48M females. Average no. of OPD per day visits were recorded as 43 per day visits in BHU's, 192 per day visits in RHC's, 711 per day visits in THQ, 1611 per day visits in DHQ and 2401 per day visits were recorded in teaching hospitals for the period from January to October, 2021 in Punjab. The highest OPD per capita was reported in year 2018 and it has declined in year 2019- 2020 due to the covid-19 when OPDs was closed. On average, the highest stock out drugs status has found in district Bhakkar (13.39%). 53 diseases were reported in DHIS-1 out of which Priority 10 diseases has compared with last 9 years' priority diseases status. Immunization coverage comparison (October 2017 vs October 2021) has also shown in the report. Delivery coverage (Fig.4) showed that the highest number of deliveries were reported during the month of September 2021 the highest number of Still births were reported during the month of February 2021, maternal deaths during the month of May and neonatal deaths were recorded in the month of July. Disease wise deaths reported in health facilities of Punjab during the period January to October 2021 showed that the highest number of deaths have been reported due to the CVA/stroke. The comparison of priority disease between year 2011 to 2020 has shown in tabular form through color scheme. The highest difference between priority disease has found in Diabetes Mellitus. The highest ANC-1 visits were reported in month of June and August also their ANC-1 percentage is greater as compared to else months. Fig. 11 represent the IPD Admissions & Deaths & Fig. 12 showed Surgeries Conducted in Health Facilities of Punjab (January-October, 2021). Disease forecast of epidemic diseases from 2021 to 2023 have also discussed. According to the statistics reported from 2017 till 2020, there are causes to spread more cases of HIV till 2023 and there may be decrease occur in suspected measles cases till 2021 to 2023.

OPD (Out Patient Data) Visits Reported in Punjab (January-October, 2021)

Fig. 1 showed the OPD visits (new + follow up) from January to October, 2021 of Punjab. It can be seen that the highest OPD visits are reported under the age group 15-49 yrs.

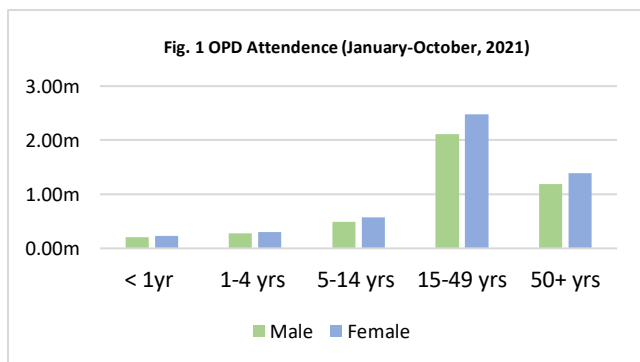
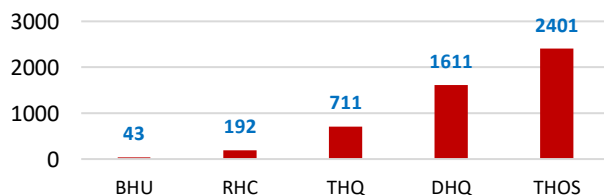


Fig. 2 Average OPD Visits

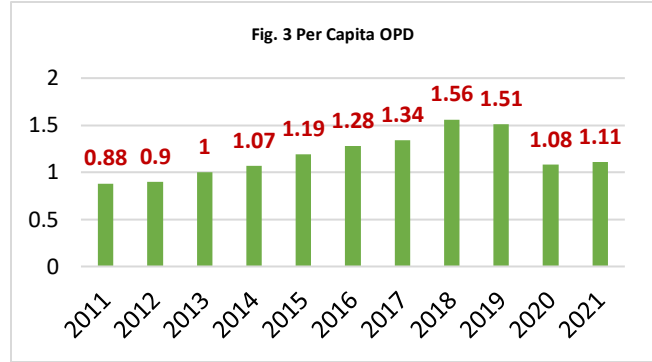


Facility Type-wise Per day OPD Visits conducted in the Health Facilities on Punjab

Fig. 2 displayed the facility type-wise average per day OPD Visits reported in the health facilities over the period January to October 2021. According to the diagram, the highest per day visits were recorded under the health facility teaching hospitals (THOS) of Punjab.

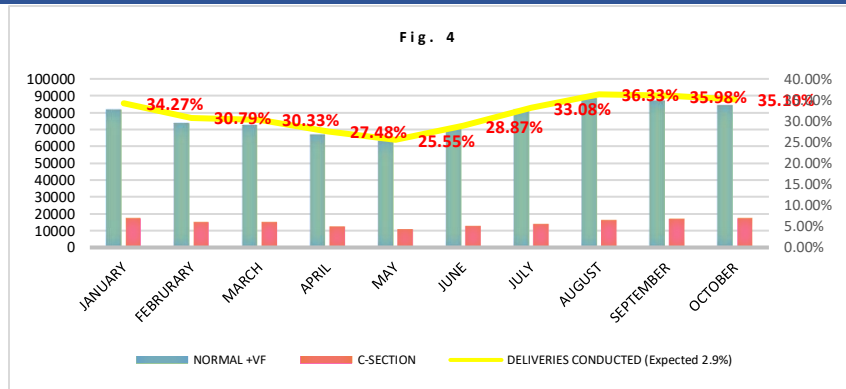
Per Capita OPD

Fig.3 showed the comparison of per capita OPD visits from 2011 to (Jan-Oct, 2021). It can be seen that the highest OPD per capita was reported in year 2018 and it declined in year 2019- 2020 due to the covid-19 when OPD was closed.

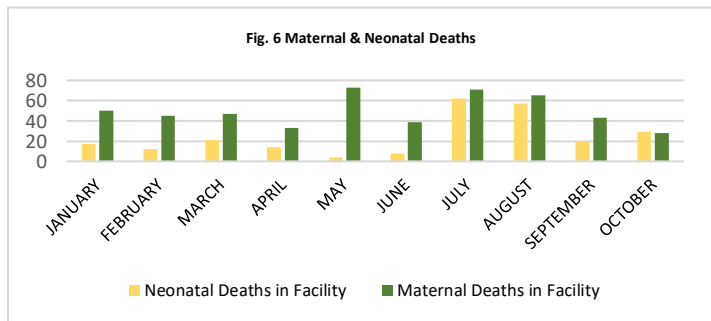
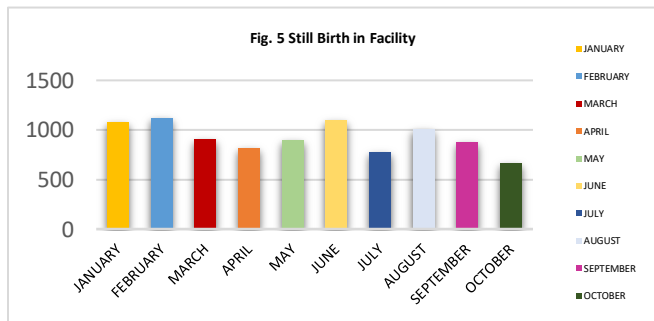


Delivery Coverage in Health facilities of Punjab (January-October, 2021)

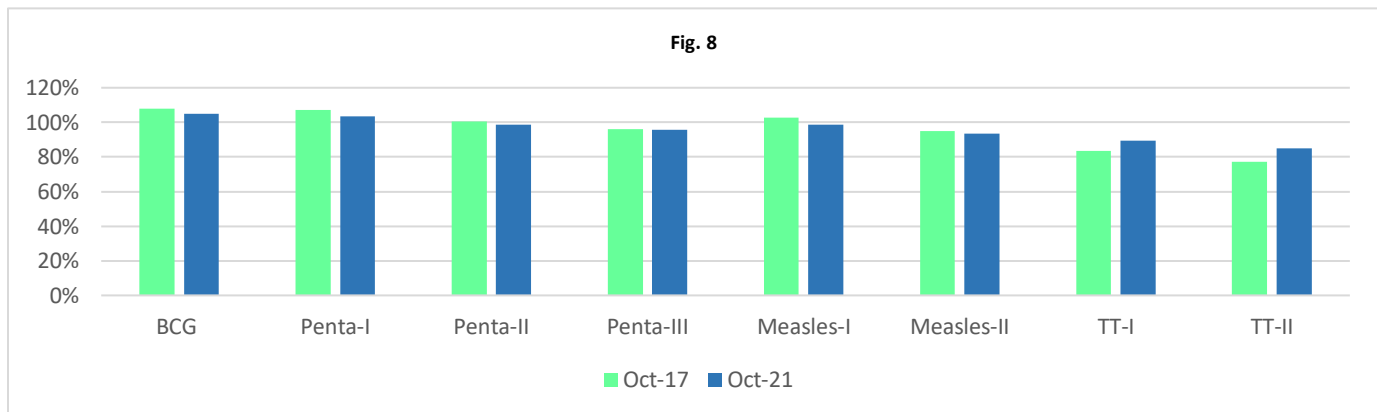
(Fig.4) showed that the highest number of deliveries were reported during the month of September 2021 the highest number of Still births were reported during the month of February 2021, maternal deaths during the month of May and neonatal deaths were recorded in the month of July.



Still Births, Maternal & Neonatal Deaths Reported in Punjab (January-October, 2021)



Immunization Coverage in Punjab (Oct 2017 vs Oct 2021)



ANC-1 & Family Planning Visits Reported in Punjab (January-October, 2021)

Fig. 9 showed the no. of ANC-1 visits as well as percentage of ANC-1 visits reported in Punjab over the period January to October 2021.

According to the graph, the highest ANC-1 visits were reported in month of June and August also their anc-1 percentage is greater as compared to else months.

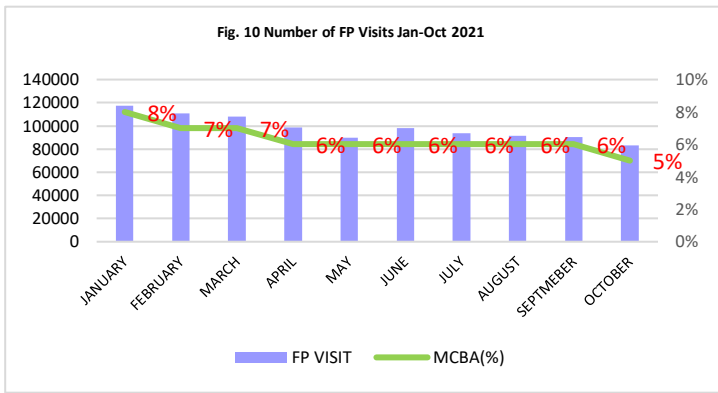
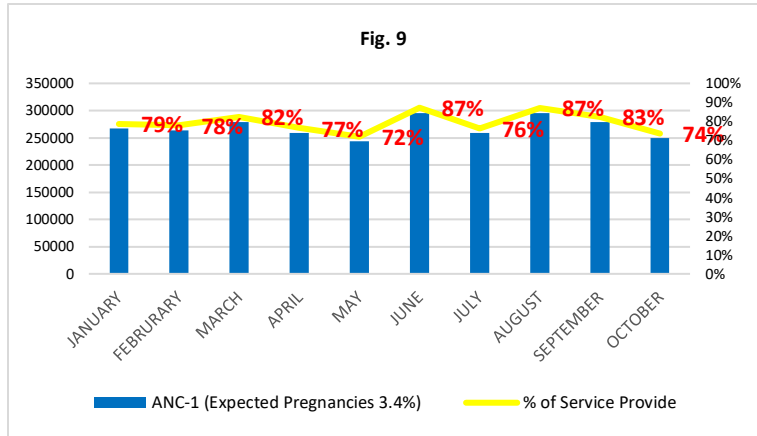


Fig. 10 visualized the month-wise family planning visits as well as Percentage of MCBA (16%) in Punjab during the month January to October 2021.

Fig. 11 IPD Admissions & Deaths Reported in Health Facilities of Punjab (January-October, 2021)

The highest number of indoor admissions have been reported during the month of October and the highest number of deaths have been recorded during the month of April due to the wide spread cases of dengue fever.

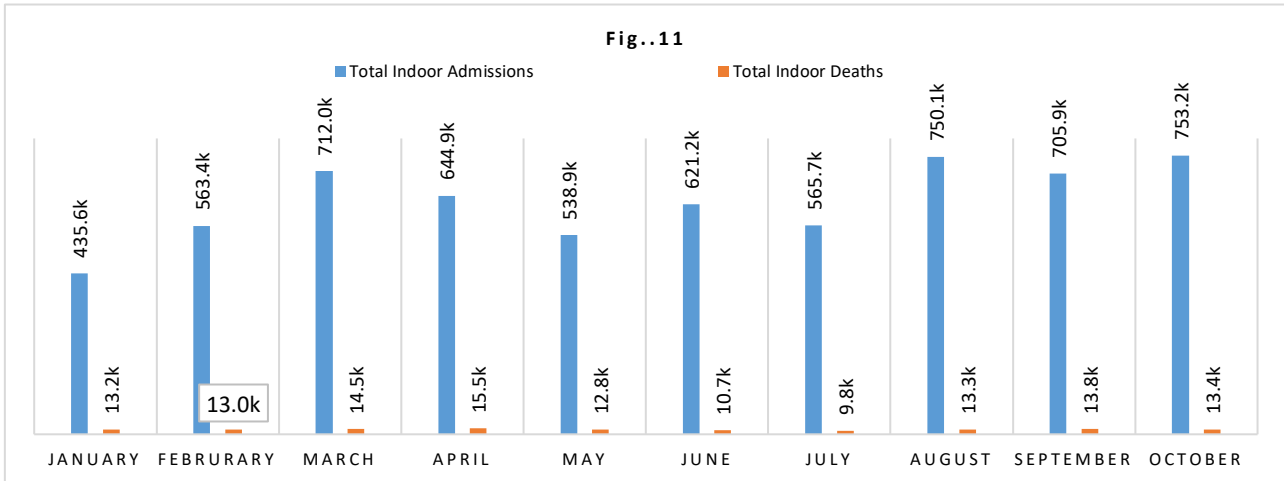
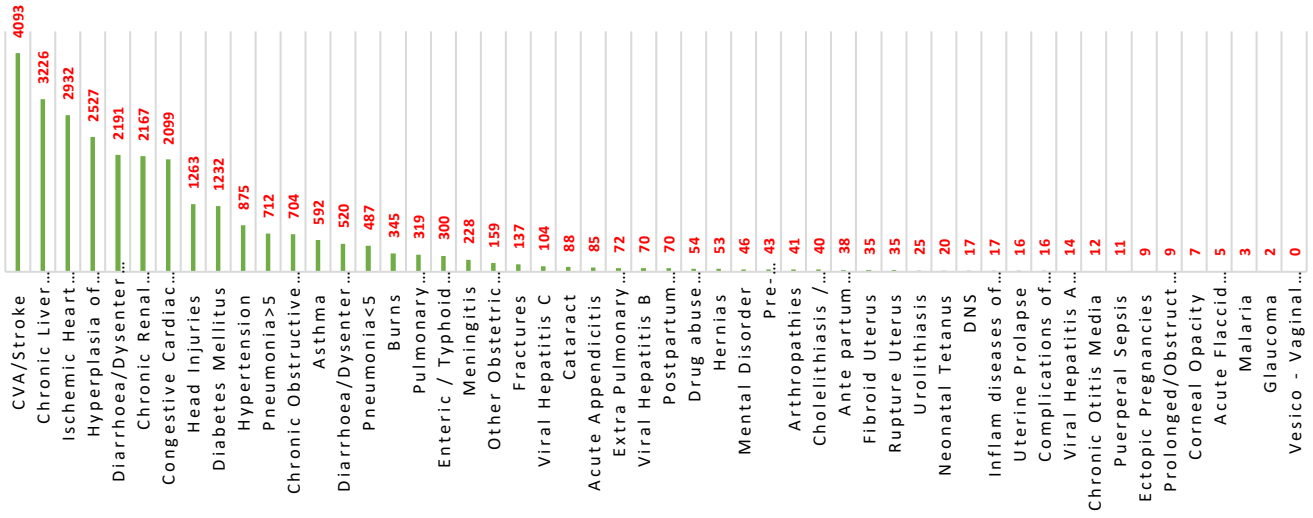
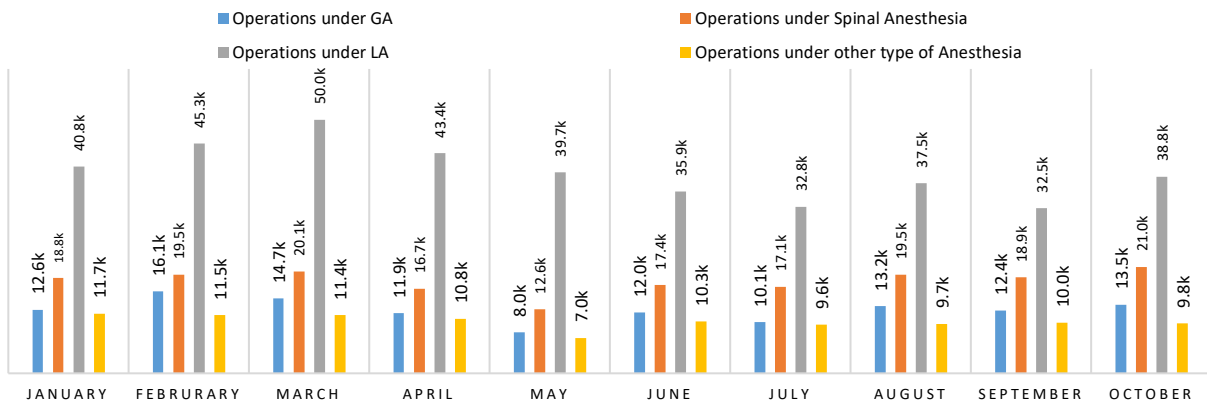


Fig. 12 Disease Wise Deaths Reported In Punjab



Surgeries Conducted in Health Facilities of Punjab (January-October, 2021)

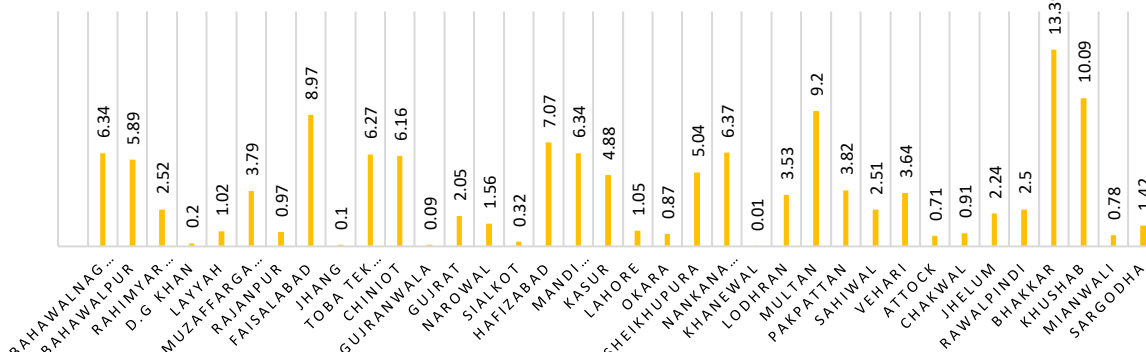
Fig. 12



Stock Out of Drugs Reported in Health Facilities of Punjab (January-October, 2021)

On average, the highest stock out drugs status has found in district Bhakkar (13.39%).

Fig. 13 Stock Out Status (Jan-oct 2021) %



Disease Burden Reported in Health Facilities of Punjab (2011 vs 2020)

The disease pattern has shown through color coding scheme. It can be seen that the highest priority disease difference has been found in Diabetes Mellitus. It was recorded in no. 11 in 2011 and reported in number 6 in year 2020.

| Sr.# | RANK 2011 | % | RANK 2020 | % |
|------|---|-------|---|-------|
| 1 | Acute (upper) Respiratory Infections (AURI) | 16.18 | Acute (upper) Respiratory Infections (AURI) | 13.01 |
| 2 | Scabies | 3.84 | Fever due to other causes | 4.41 |
| 3 | Fever due to other causes | 3.67 | Scabies | 3.20 |
| 4 | Diarrhea/Dysentery in <5 yrs | 2.67 | Peptic Ulcer Diseases | 3.01 |
| 5 | Peptic Ulcer Diseases | 2.54 | Hypertension | 2.48 |
| 6 | Diarrhea/Dysentery in >5 yrs. | 2.46 | Diabetes Mellitus | 2.17 |
| 7 | Hypertension (.462%) | 1.93 | Diarrhea/Dysentery in <5 yrs | 2.08 |
| 8 | Asthma | 1.89 | Diarrhea/Dysentery in >5 yrs | 2.04 |
| 9 | Dental Caries | 1.75 | Road traffic accidents | 1.61 |
| 10 | Dermatitis | 1.68 | Urinary Tract Infections | 1.46 |
| 11 | Diabetes Mellitus | 1.50 | Asthma | 1.42 |
| 12 | Urinary Tract Infections | 1.29 | Dental Caries | 1.30 |
| 13 | Road traffic accidents | 1.26 | Dermatitis | 1.26 |

Disease Forecast

The following diagrams showed the three years forecast analysis of the epidemic diseases in Punjab according to the statistics reported in 2017 to 2020. Through the visualization shown below, it can be seen that there may increase more cases of HIV till 2023 and decrease occur in suspected measles cases till 2021 to 2023.

