

# DHIS- DISTRICT HEALTH INFORMATION SYSTEM (MIS CELL)

## DIRECTORATE GENERAL HEALTH SERVICES, PUNJAB

Weekly Feedback Report DHIS-II (6<sup>th</sup> December – 12<sup>st</sup> December, 2021)

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### Summary:

In this report, different indicators of health facility are discussed. The data of teaching/tertiary care hospitals is also included. The detailed analysis of week 49 of year 2021 are being presented in this report. The reporting regularity of the district Bahawalnagar, Jhelum and Mianwali has accurate reporting compliance targets for the week 49 of year 2021. District D.G. Khan, Kasur, Pakpattan, Bhakkar, , Okara, Rahimyar Khan, Rawalpindi, Muzaffargarh and Attock did not meet the reporting compliance targets completely.

The total OPD Visits during week 49 of 2021 was 714.1K out of which 192.0k were reported in BHU(all), 110.9k were reported in RHC (all), 181.2k were reported in THQ (all), 123.3k were reported in DHQ(all) and 106.7k were reported in Teaching hospitals.

On average, 39 OPD per day visits were reported in BHU's, 161 per day visits were reported in RHC's, 839 per day visits were reported in THQ hospitals, 3426 per day OPD visits were reported in DHQ hospitals and 2963 OPD per day visits were reported in Teaching Hospitals. It is calculated as total OPD visits by dividing the number of reporting health facilities and the total number of days excluding Sunday.

Fifty-three diseases are reported through DHIS, out of which eleven prone Epidemic diseases of 14 districts of Punjab on which DHIS-2 is implemented successfully, have been discussed in this report through DHIS-2 software.

Antenatal care coverage is an indicator of access and utilization of health care services during pregnancy.

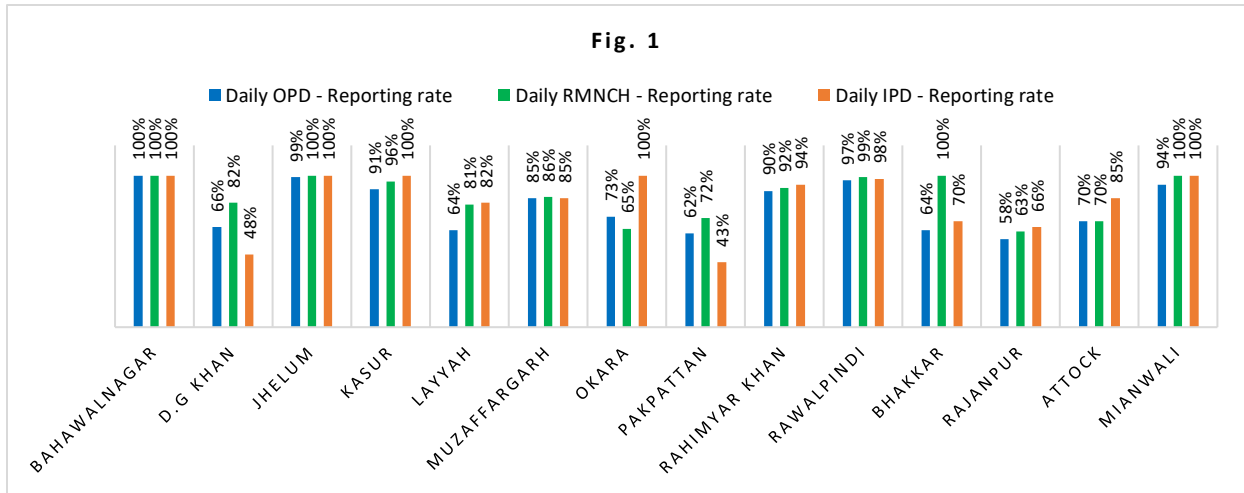
During week 49, the overall ANC-1 reported coverage in 14 districts of Punjab was 18,062 of the total expected population (3.4%). On average, the highest number of visits of ANC-1 has been recorded in district Kasur under the health facility BHU i.e. 1112 visits.

Delivery coverage at health facility is an indicator of utilization of delivery services provided at public health facilities. The overall percentage of deliveries conducted in health facilities of 14 districts of Punjab. During week 49 the highest (30%) C-section cases has reported in district Rawalpindi and the highest cases (98%) of normal delivery cases were reported in district Kaur. This discrepancy in district Kasur is due to not reporting complete data of THQ and DHQ health facilities.

Indoor patient's data of week 49 has shown in (fig. 8 & fig. 9) which cleared the statistics of indoor admissions and death.

During week 49, family planning visits reported from the public health facilities against the expected population were 10, 447. The highest number of FP visits were reported in district Pakpattan (90 %) under the health facility Basic Health Unit.

## DHIS-II WEEKLY REPORTING COMPLIANCE PUNJAB, WEEK 49

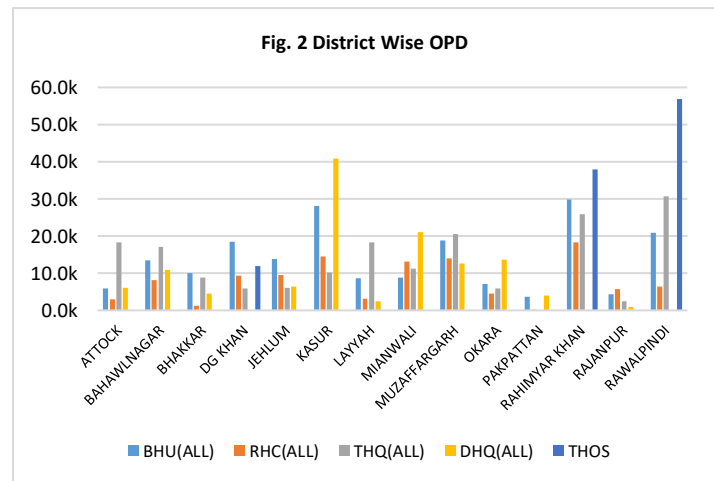


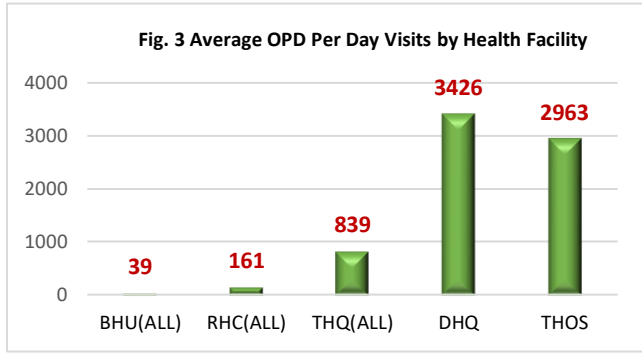
Reporting compliance showed that how timely and regularly the concerned 14 districts of Punjab are reporting data to meet the data targets.

In DHIS-2, we have three daily basis reporting forms to which concerned districts enter the data on daily basis and else three monthly basis forms at which they enter the data on monthly basis as well. The target for reporting compliance is 100% and it can be seen that from fig. 1, the reporting regularity of the district Bahawalnagar, Jhelum and Mianwali has accurate reporting compliance targets for the week 49. District D.G. Khan, Bhakkar, Kasur, Pakpattan, Rajanpur and Attock, Muzaffargarh, Rawalpindi did not meet the reporting compliance targets completely.

## Reported Patients Through OPD in Health Facility, Week 49

In figure 2, the total OPD Visits during week 49 of year 2021 has displayed through bar chart. The total OPD Visits during week 49 of 2021 was reported as 714.1K out of which 192.0k were reported in BHU(all), 110.9k were reported in RHC (all), 181.2k were reported in THQ(all), 123.3k were reported in DHQ(all) and 106.7k were reported in Teaching hospitals. The health facilities that are showing zero OPD visits is because of they are not reporting at daily basis on DHIS-2 software. The highest number of OPD visits were conducted in district Rawalpindi under the health facility teaching hospital during the period week 49 of year 2021.





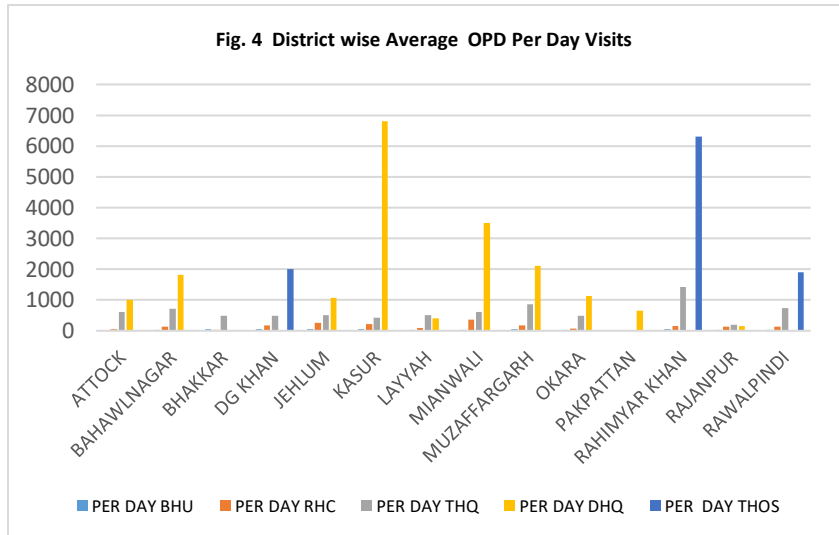
### Average OPD Per Day Visits by Health Facility Wise:

Fig. 3 displayed the average OPD per day visits by health facility wise. This is calculated as ratio between the total OPD visits in all 14 districts of Punjab reported in DHIS-2 software and reporting number of health facilities and then divided it to the 6 week days excluding Sunday. During week 49 of year 2021, 39 per day visits

were reported in Basic Health Unit (BHU's), 161 per day visits per reported in Rural Health Care (RHC's), 839 per day visits were reported in THQ hospitals, 3426 per day visits were reported in DHQ hospitals and 2963 per day visits were reported in teaching hospitals. It is to be noted that, DHQ and THQ hospitals of Rajanpur and THQ Kasur are not reporting completely on daily basis at DHIS-2 Software. That is why, the average per day health facility is affected.

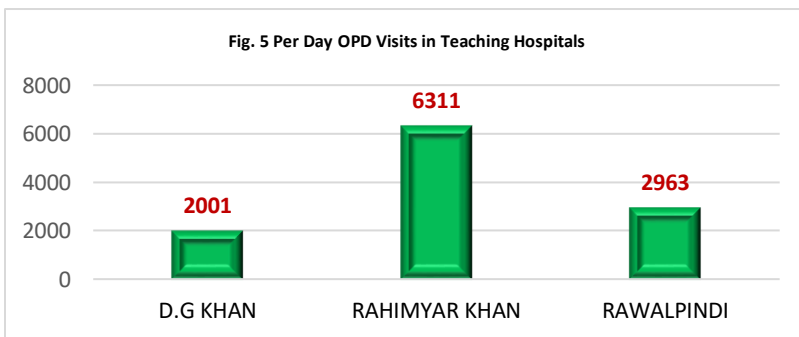
### District Wise Average OPD Per Day Visits:

Fig. 4 represented the district wise average OPD per day Visits by health facility wise. It has calculated as the OPD visits reported in each health facility and divide it to the no. of health facilities and then divide it to 6 week days excluding Sunday. On average, the highest no. of OPD per day visits were reported in district Kasur under the health facility DHQ i.e. 6813 per day OPD visits during the week 49 of year 2021.



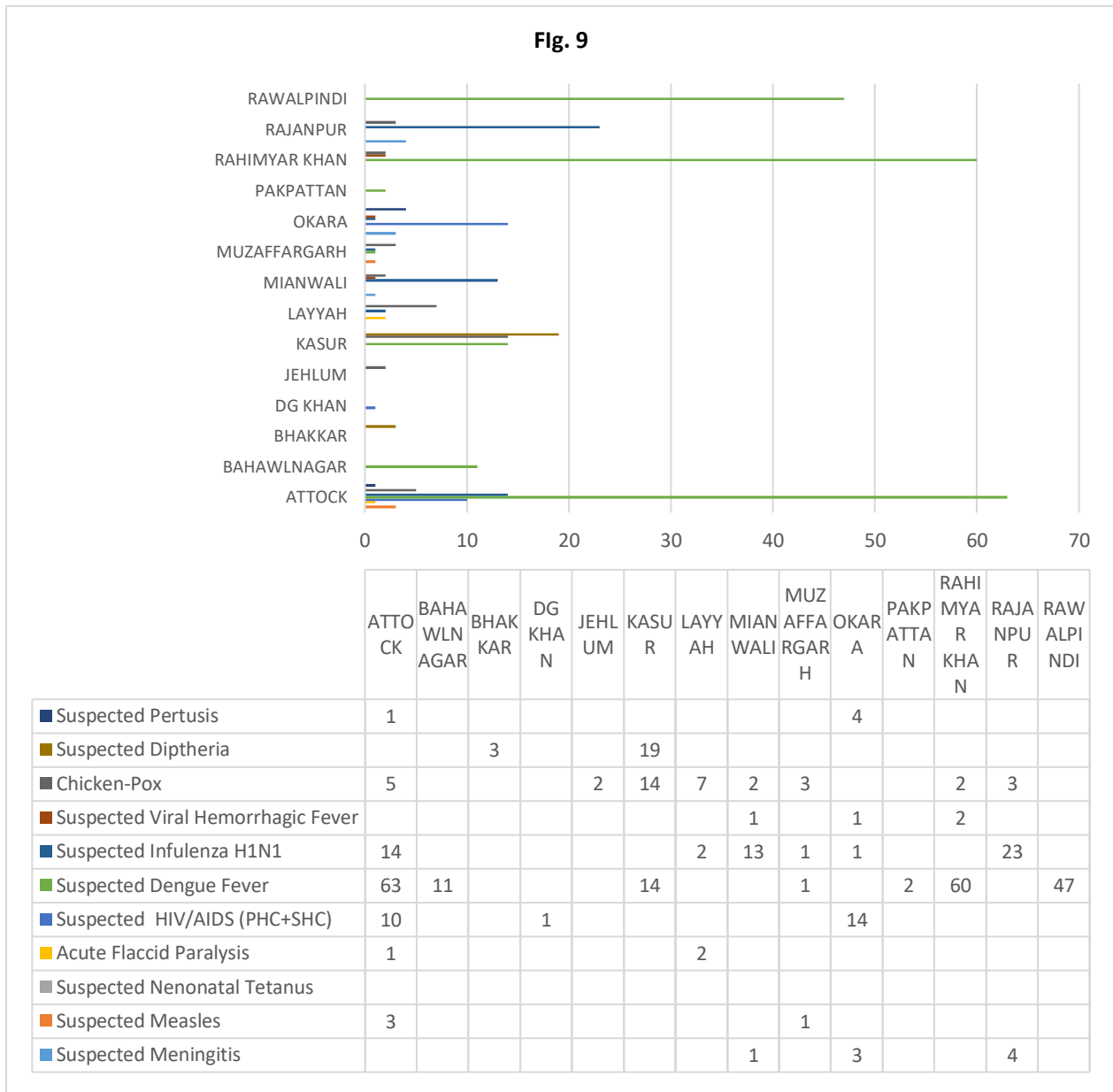
### Average OPD Per Day Visits in Teaching Hospitals:

Fig. 5 displayed the Average OPD per day visits in teaching hospitals during the week 49 of year 2021. It can be seen that the highest no. of OPD per day visits



were recorded in district Rahimyar Khan.

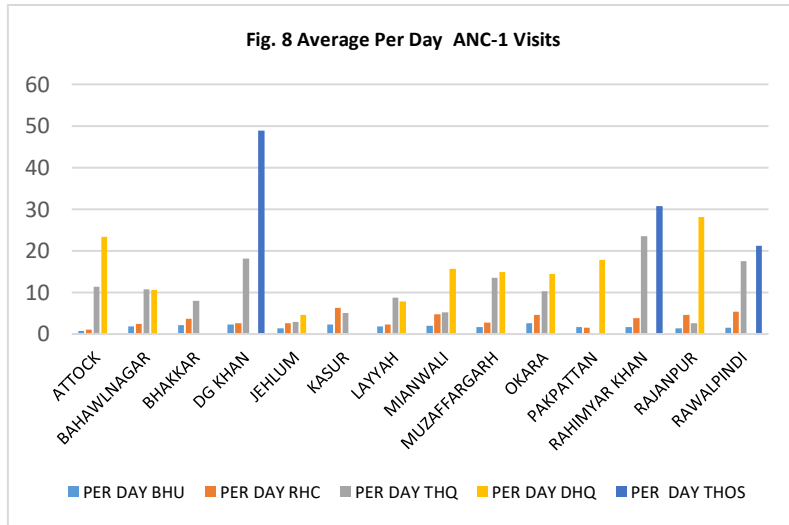
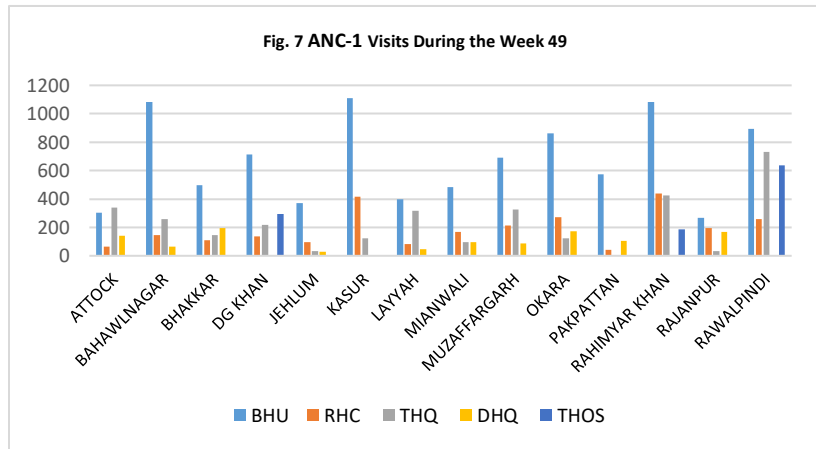
## Prone Epidemic Diseases:



From Epidemic diseases, we mean that affects a large number of people within a community, population or region. In above figure 6, prone epidemic diseases status of 14 districts which are successfully implemented on dhis-2 software, shown through graph. According to the descriptive analysis, the highest number of HIV/AIDS cases has reported from the district Okara. District Attock has highest number of cases for suspected dengue fever. The highest number of suspected Influenza H1N1 cases has reported in district Rajanpur. The highest number of chicken-pox cases has reported in District Kasur during the week 49 of year 2021.

## DHIS-II Weekly Reported ANC-1 Visits in Health Facility, Week 49

Fig. 7 showed the weekly basis visits of ANC-1 in all BHU's, RHC's, THQ's, DHQ's and Teaching Hospitals for the 14 reporting districts of Punjab in DHIS-2 Software. The highest number of visits of ANC-1 has been recorded in district Kasur under the health facility of BHU i.e. 1112 visits during week 49 of year 2021.



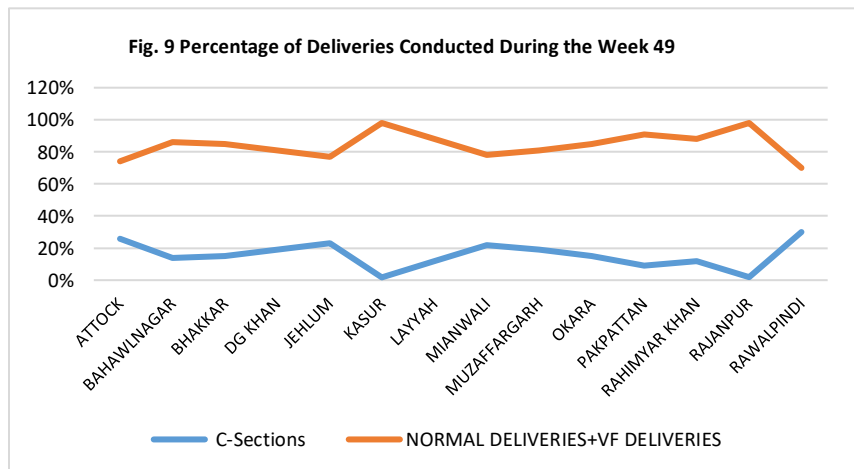
### On Average Per Day ANC-1 Visits by Health Facility Wise:

Fig. 8 showed the average per day Anc-1 visits by health facility wise during the week 49 of year 2021. The per day average of ANC-1 visits were calculated as the reported anc-1 visits in each health facility divided by the total functional health facilities in each

district and then divide it to 6 days of week excluding Sunday. The statistics showed that the highest per day ANC-1 visits have reported in district DG Khan (49 per day visits) under the health facility Teaching hospital.

### Deliveries Coverage at Health Facility:

The statistics of delivery coverage at health facility (fig. 9) of 14 district of Punjab showed that the highest number of C-section has reported in district Rawalpindi i.e. 30% C-section during the week 49 of year 2021 whereas the highest number of normal+ VF deliveries has reported in district Kasur (98%)



for the week 49 of year 2021. These percentages were calculated as total C-section conducted and total normal deliveries conducted in each districts and divided by the total number of deliveries conducted in week 49 of year 2021.

District Kasur is showing 1.7% C-section as its DHQ & THQ Hospitals are not reporting completely on daily basis in DHIS-2 Software. Because of this, it visualized the discrepancy in data reported on DHIS-2.

### Per Day C-section & Normal Deliveries Conducted:

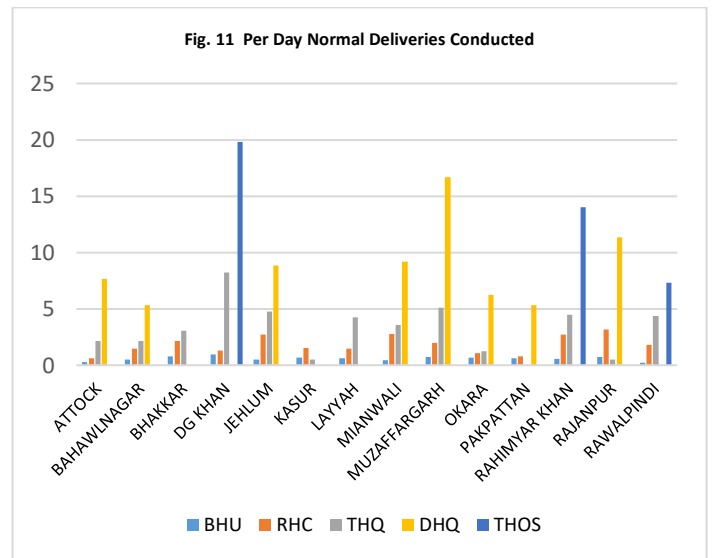
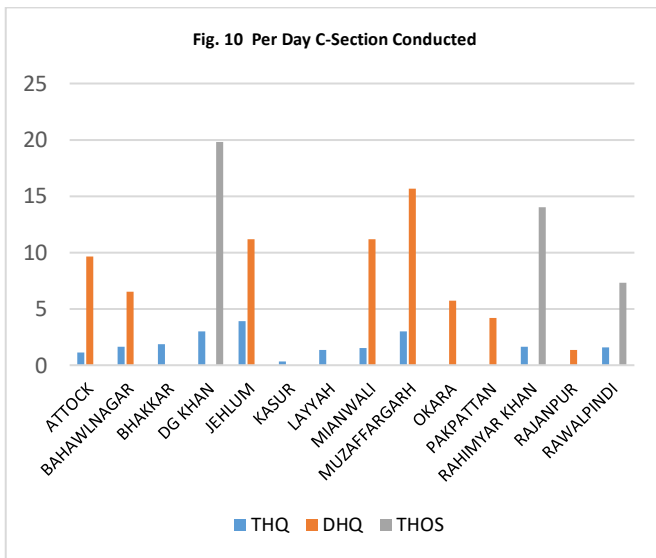
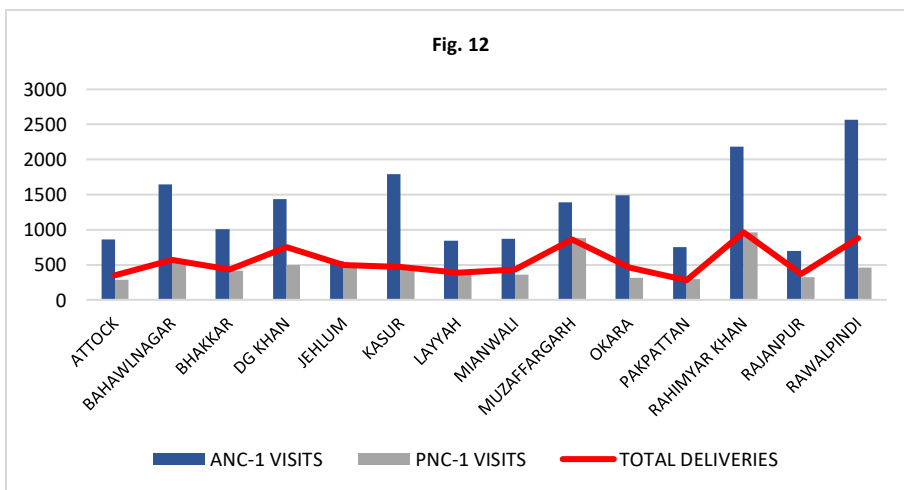


Fig. 10 & Fig. 11 visualized the per day C-section and normal deliveries conducted at the 14 districts of Punjab during the week 49 of year 2021. It has calculated as the C-section and normal deliveries reported in each health facility and divide it to the no. of health facilities and then divide it to 6 week days excluding Sunday. According the descriptive analysis of C-section (fig.10), the highest number of C-section has recorded in district D.G Khan under the health facility of teaching hospitals whereas the highest number of per day normal deliveries has reported in district DG Khan under the health facility teaching hospital.

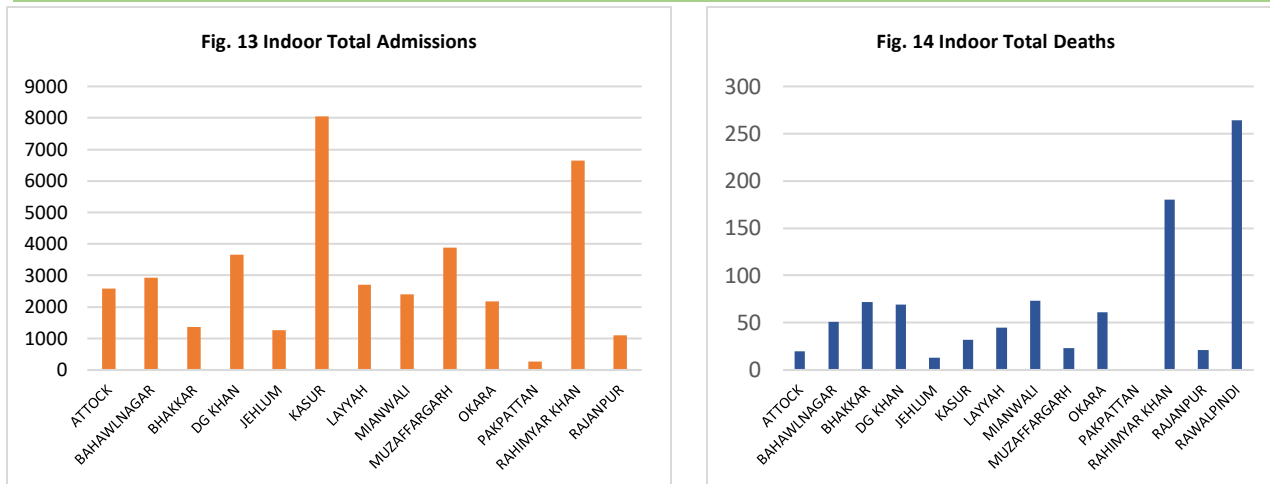


### Total Number of Deliveries Conducted and PNC-1 Visits:

In Fig. 12, the comparison between the total Anc-1 visits reported with the number of PNC-1 visits and total number of deliveries in 14 districts of Punjab during the week 49 of year 2021 has shown through Fig. 12.

According to the data reported on dhis-2, the highest number of deliveries were reported in district Rahimyar Khan i.e. 963 total deliveries, 962 PNC-1 visits and 2568 ANC-1 visits were reported in week 49 of year 2021.

### DHIS-II Weekly Reported Daily Indoor Patient (IPD), Week 49



Above Fig. 13 visualized the total admissions in Indoor and Fig. 14 represented the Indoor Total Deaths during the week 49 of year 2021.

The highest number of indoor admissions were reported in districts Kasur i.e. 8053 whereas the highest number of indoor total deaths has reported in district Rawalpindi i.e. 264 deaths during the week 49 of year 2021.

### DHIS-II Weekly Family Planning Visits, Week 49

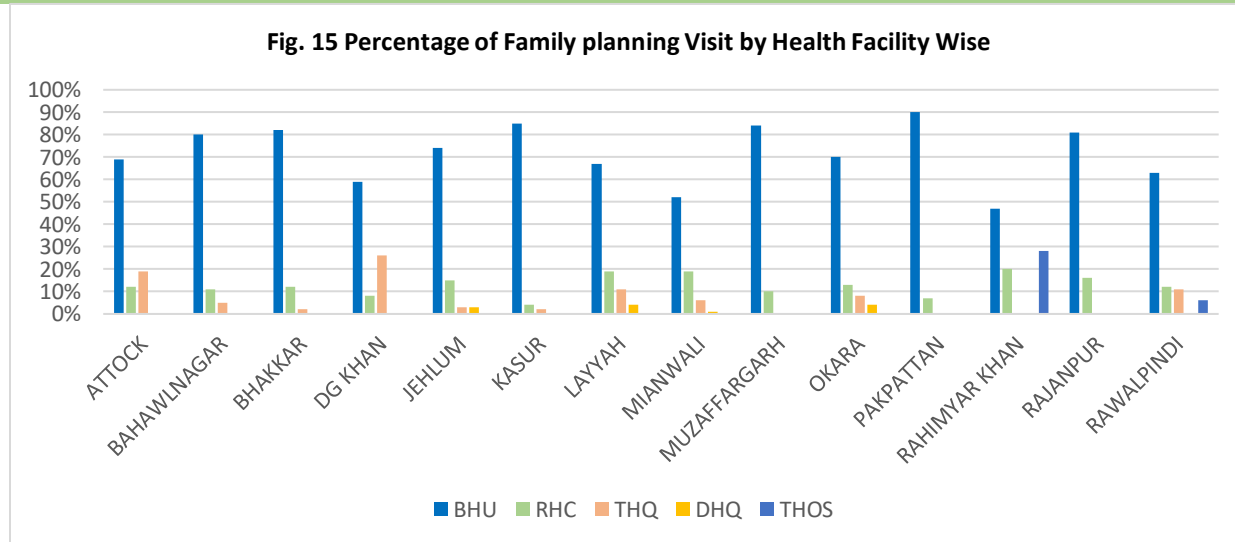


Fig. 15 exhibited the weekly FP visits by health facility wise. During week 49, the overall total FP visits were reported as 10,447 visits out of which the highest number of FP visits were recorded in district Pakpattan (90% FP Visits) under the health facility Basic Health Unit. These percentages were calculated as total FP visits in districts divided by the total FP visits by health facility wise reported during week 43 of year 2021.

**Table: 1 Weekly Method-wise FP Clients**

DISTRICT	COC cycles	Condom Pieces	DMPA Inj	IUCD	Implants	POP cycles	Tubal Ligation	Vasectomy
Attock	260	1 588	76	73		1	1	
Bahawlnagar	206	346	44	173	3	6		
Bhakkar	113	457	95	72		22		
Dg Khan	162	827	148	98	15	17	5	18
Jhelum	232	736	191	59	4	1	2	
Kasur	135	131	45	108		6		
Layyah	114	1 069	205	85	1	3	2	30
Mianwali	187	297	78	44	2	8		17
Muzaffargarh	257	370	133	130	1	1		
Okara	197	2 544	103	105	1	1		
Pakpattan	155	166	84	104		15		
Rahimyar Khan	146	316	96	143		9	19	
Rajanpur	203	111	1	23				
Rawalpindi	355	2 121	323	125		26		

**Table: 2 Weekly Status of Family Planning Visits**

DISTRICT	Total FP Visits	Total PAFP	Total PFPF	Total FP Visits < 25 yr	FP Visits PFPF < 25 yr	FP Visits PAFP < 25 yr
Attock	656	5	27	52		3
Bahawalnagar	603		56	12		1
Bhakkar	364	11	31	40	10	11
D.G Khan	501	24	41	11	9	3
Jhelum	755	41	52	19		
Kasur	849	1	6	30	1	1
Layyah	602		58	27		4
Mianwali	654	18	45	61	3	3
Muzaffargarh	792		14	54		
Okara	1 303	8	103	104	4	9
Pakpattan	474	11	50	17		
Rahimyar Khan	1 078	102	217	133	37	28
Rajanpur	548	6	56	15	1	3
Rawalpindi	1 272	71	270	76	15	42