

DHIS - District Health Information System (MIS Cell)

Directorate General Health Services Punjab, Pakistan

Weekly Feedback Report DHIS-II (23 August-29 August, 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 34 of year 2021 are being presented in this report. The overall reporting compliance of the health facilities of Bahawalnagar, Jhelum and Rahimyar Khan out of 9 districts of Punjab which are successfully updating data on dhis-2 remained the target except the district D.G. Khan, Kasur and, Pakpattan, Okara and Rawalpindi. The total OPD Visits during week 34 of 2021 was 548.8K out of which 190.7k were reported in BHU(all), 102.1k were reported in RHC (all), 42.2k were reported in DHQ (all), 127.2k were reported in THQ(all) and 86.7k were reported in Teaching hospitals.

On average, 48 OPD per day visits were reported in BHU's, 187 per day visits were reported in RHC's, 1506 per day visits were reported in DHQ hospitals, 963 per day OPD visits were reported in THQ hospitals and 6,191 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 most Epidemic diseases of 9 districts of Punjab 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 34, the overall ANC-1 reported coverage in 9 districts of Punjab was 18,011 of the total expected population (3.4%). On average, the highest number of visits of ANC-1 has been recorded in district Rahimyar Khan and under the health facility THQ 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 9 districts of Punjab. During week 34 the highest (11%) of C-section cases and the highest cases (51%) of normal delivery cases were reported in district Jhelum.

Indoor patient's data of week 27 has shown in (fig. 8 & fig. 9) which cleared the statistics of indoor admissions and death.

The highest number of cases of still births and neonatal deaths were reported in district Rahimyar Khan during week 34. The highest number of maternal deaths were recorded in district Okara i.e. 9 maternal deaths in week 34 of year 2021.

During week 34, family planning visits reported from the public health facilities against the expected population were 8,492. The highest number of FP visits were reported in district Jhelum i.e. 71% visits under the health facility Basic Health Unit. The percentages of FP visits at health facility were calculated as total FP visits by health facility wise and divide it to the weekly total population (3.4%).

ASSESSMENT POINTS



Meeting with CEO Chakwal regarding implementation of DHIS2 in District Chakwal



Monitoring DHA Okara



Finding of THQ Sadiqabad:

- They have zero follow up.
- Family planning clients are zero, from last 3 months.
- When we cross check data their indoor admissions and death are not equal to disease and death data from source register.

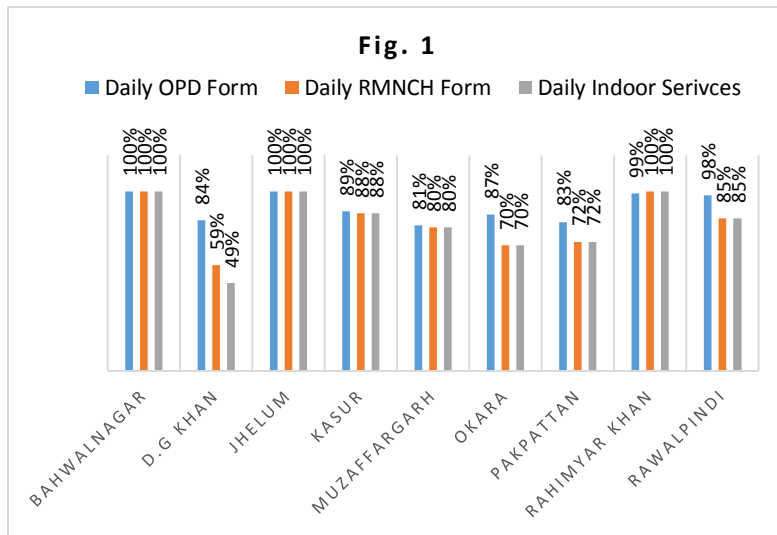


DHIS2 Orientation sessions at District Chakwal

REPORTING COMPLIANCE

Reporting compliance showed that how timely and regularly the concerned 9 districts of Punjab are reporting data to meet the data targets.

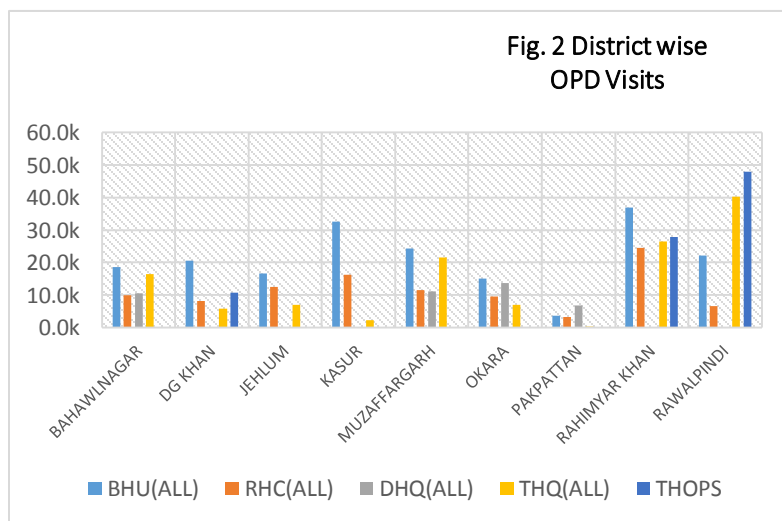
In DHIS-2, we have three daily basis reporting forms to which concerned districts enter the data on daily basis and else three monthly basis forms at which they enter the data on monthly basis as well. The target for reporting compliance is 100% and it can be seen that from fig. 1, the reporting



regularity of the district Bahawalnagar, Jhelum and district Rahimyar Khan has accurate reporting compliance targets for the week 34. District D.G. Khan, Kasur, Muzaffargarh, Okara and Rawalpindi did not meet the reporting compliance targets completely.

OPD VISITS

In figure 2, the total OPD Visits during week 34 of year 2021 has displayed through bar chart. The total OPD Visits during week 34 of 2021 was reported as 548.8K out of which 190.7k were reported in BHU(all), 102.1k were reported in RHC (all), 42.2k were reported in DHQ (all), 127.2k were reported in THQ(all) and 86.7k were reported in Teaching hospitals. The health facilities which 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 hospitals during the period week 34 of year 2021.



Health Facility Wise OPD Per Day Visits:

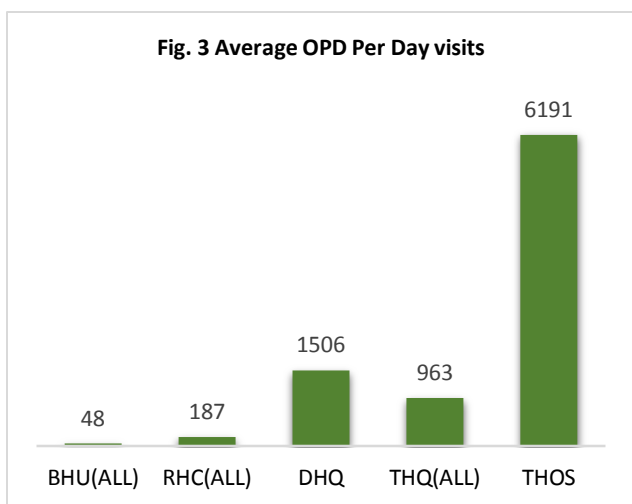
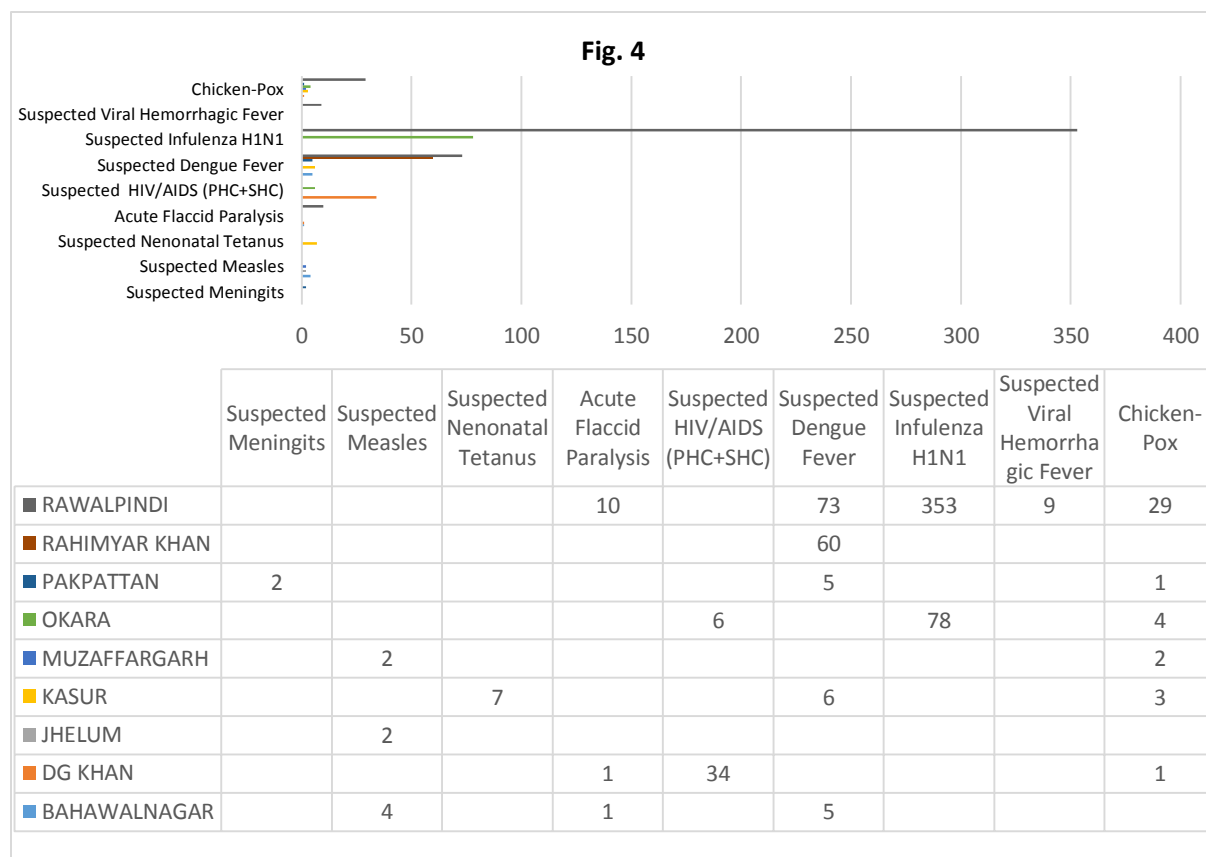


Fig. 3 displayed the OPD per day visits by health facility. This is calculated as ratio between the total OPD visits in all 9 districts of Punjab reported in DHIS-2 software and reporting number of health facilities and then divided it to the 6 week days excluding Sunday. During week 34 of year 2021, 48 per day visits were reported in Basic Health Unit (BHU's), 187 per day visits per reported in Rural Health Care (RHC's), 1506 per day visits were reported in DHQ hospitals, 963 per day visits were reported in THQ hospitals and 6191 per day visits were reported in teaching hospitals. It is to be noted that, district D.G Khan, Jhelum, and Kasur are not reporting on daily basis at DHIS-2 Software for the health facility of DHQ, that is why, their per day health facility is affected.

Priority Epidemic Diseases:

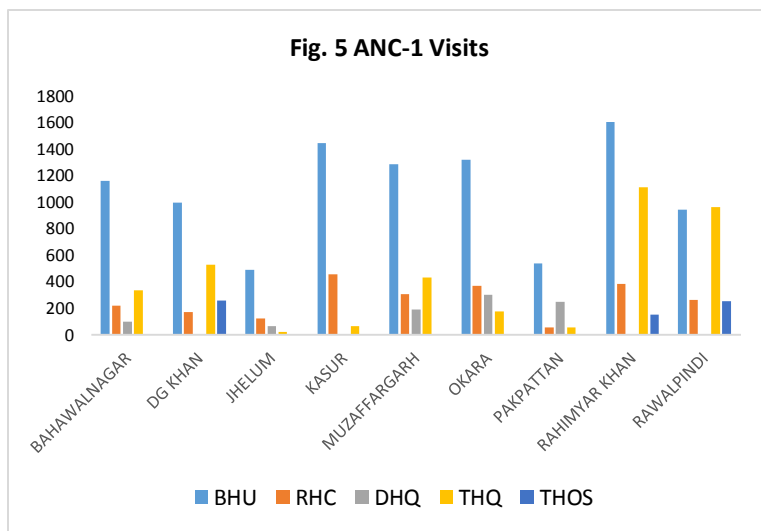


From Epidemic diseases, we mean that affects a large number of people within a community, population or region. In above figure 4, priority epidemic diseases status of 9 districts which are successfully implemented on dhis-2 software, has shown through graph. According to the descriptive analysis, the

highest number of cases for suspected meningitis has reported in district Pakpattan. The highest number of cases for suspected measles has reported in Bahawalnagar. The highest number of suspected neonatal tetanus cases has reported in district Kasur. Acute Flaccid Paralysis cases has found in district Rawalpindi. The highest number of HIV/AIDS cases has reported from the district D.G Khan. District Rawalpindi has highest number of cases for suspected dengue fever. District Rawalpindi has shown highest number of cases for suspected influenza H1N1 and Suspected Viral Hemorrhagic fever. The highest number of chicken-pox cases has reported in District Bahawalnagar for the week 34 of year 2021.

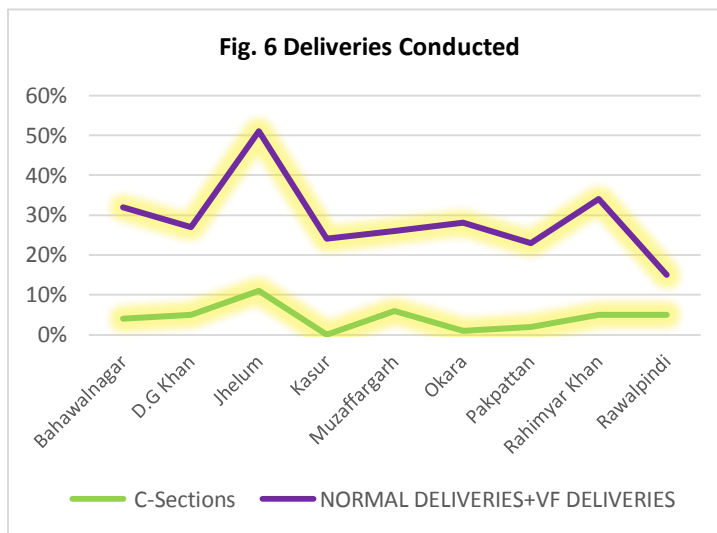
ANC-1 VISITS

Fig. 5 showed the weekly basis visits of ANC-1 in all BHU's, RHC's, THQ's and Teaching Hospitals for the 9 reporting districts of Punjab in DHIS-2 Software. The highest number of visits of ANC-1 has been recorded in district Rahimyar Khan under the health facility of THQ i.e. 1112 visits during week 34. It is to be noted that DHQ hospitals of district D.G. Khan and Kasur, Rahimyar Khan are not reporting their daily basis form data, due to this, they appeared zero.



Deliveries Coverage at Health Facility:

The statistics of delivery coverage at health facility (fig. 6) of 9 district of Punjab showed that the highest number of C-section has reported in district Jhelum i.e. 11% C-section during the week 34 of year 2021 and also the highest number of normal+ VF deliveries has reported in district Jhelum (51%) for the week 32 of year 2021.

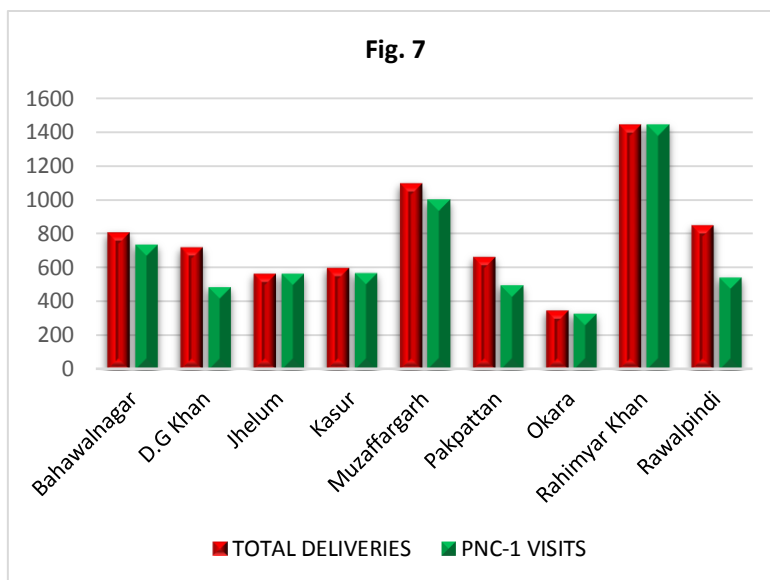


District Kasur is showing 0 C-section as their DHQ Hospital is not reporting on daily basis in DHIS-2 Software.

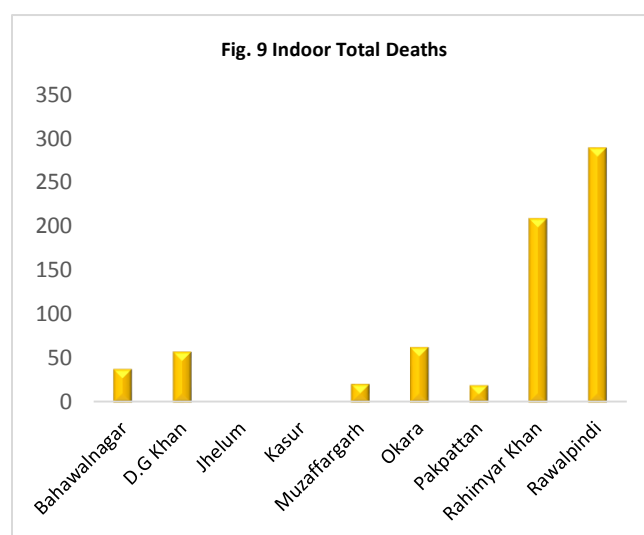
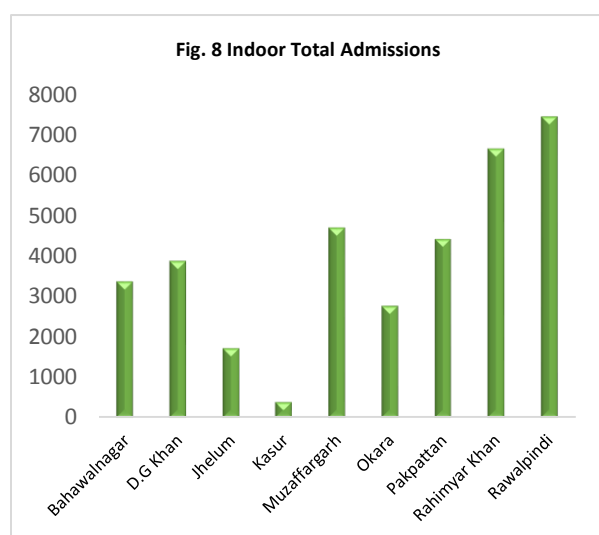
Total Number of Deliveries Conducted and PNC-1 Visits:

In Fig. 7, the comparison between the total number of deliveries conducted with the number of PNC-1 visits in 9 districts of Punjab during the week 34 of year 2021 has shown through multiple bar chart.

According to the data reported on dhis-2, the highest number of deliveries were reported in district Rahimyar Khan i.e. 1439 deliveries out of which 1439 PNC-1 visits were reported in week 34 of year 2021.



DAILY INDOOR PATIENT DATA (IPD)



Above Fig. 8 visualized the total admissions in Indoor and Fig. 9 represented the Indoor Total Deaths.

The highest number of indoor admissions were reported in districts Rawalpindi i.e. 7459 and likewise highest number of indoor total deaths have reported in district Rawalpindi i.e. 289 deaths during the week 34 of year 2021.

FAMILY PLANNING VISITS

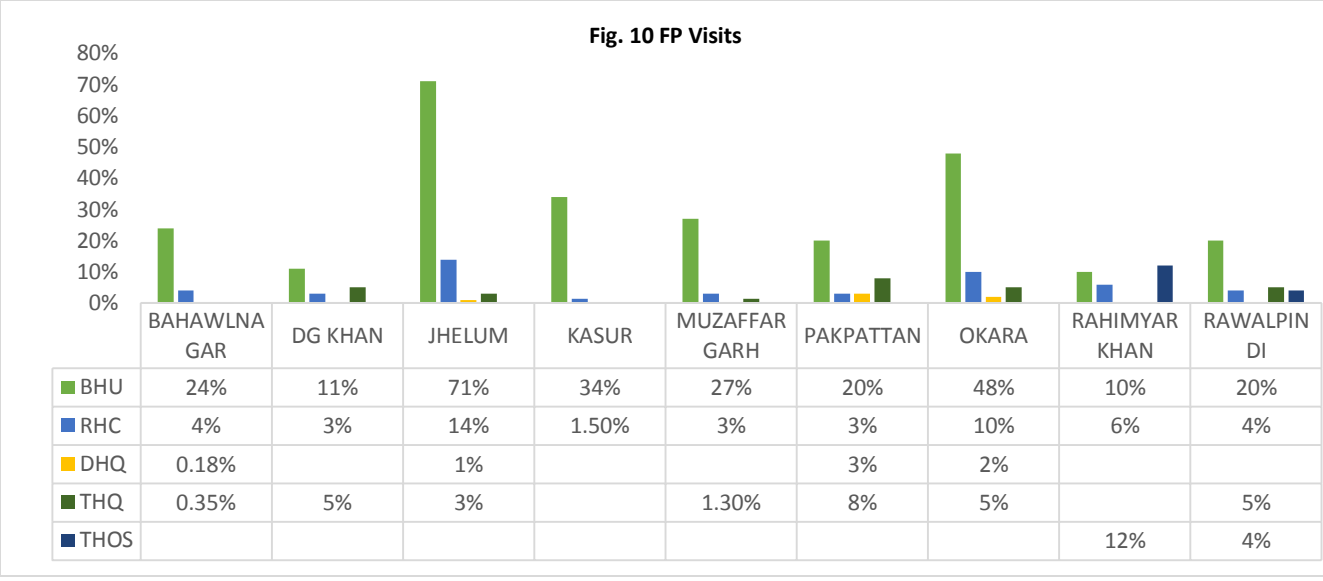
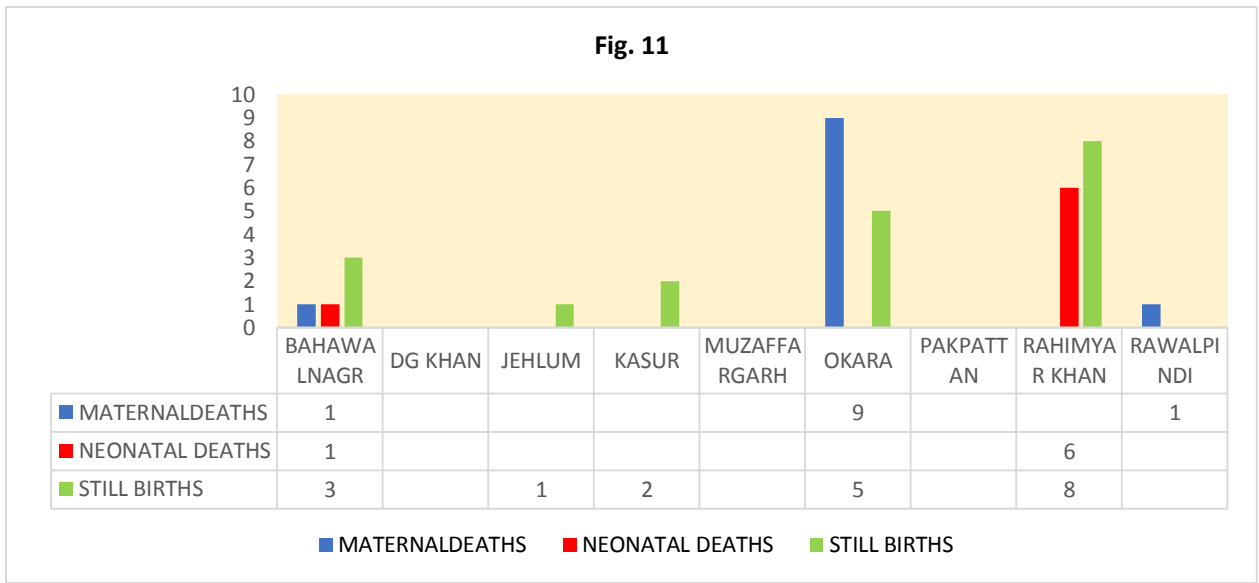


Fig. 10 exhibited the weekly FP visits by health facility wise. During week 34, the overall total FP visits were reported as 8492 visits out of which the highest number of FP visits were recorded in BHU's i.e. 71% in district Jhelum. These percentages were calculated as total FP visits in districts divided by the total population (3.4%) reported during week 34 of year 2021.

Table: 1 Weekly Method-wise FP Clients

DISTRICT	FP-Clients-COC cycles	FP-Clients-Condom Pieces	FP-Clients-DMPA Inj	FP-Clients-IUCD	FP-Clients-Implants	FP-Clients-POP cycles	FP-Clients-Tubal Ligation	FP-Clients-Vasectomy
Bahawalnagar	42	979	36	212	1	5	0	1
Dg Khan	115	804	159	120	28	56	10	0
Jhelum	234	472	241	84	0	0	1	0
Kasur	41	259	38	105	2	6	0	0
Muzaffargarh	269	1443	186	155	1	9	1	3
Okara	70	2498	112	157	0	1	1	1
Pakpattan	60	293	74	97	0	1	0	0
Rahimyar Khan	58	394	97	150	0	0	17	0
Rawalpindi	338	3810	386	173	12	16	0	39

NUMBER OF DEATHS DUE TO MATERNAL COMPLICATIONS



In above Fig. 11, the number of maternal death, neonatal deaths and still births recorded in 9 districts of Punjab during the week 27 of year 2021 has shown through multiple bar chart. The highest number of neonatal deaths and still births were reported in district Rahimyar Khan. Likewise, the highest number of maternal deaths were recorded in district Okara during the week 34 of year 2021.