

# DHIS- DISTRICT HEALTH INFORMATION SYSTEM (MIS CELL)

## DIRECTORATE GENERAL HEALTH SERVICES, PUNJAB

Weekly Feedback Report DHIS-II (30 August - 5<sup>th</sup> September, 2021)

Tel: [+92-99200990 e-mail: hmis.pb@yahoo.com

### 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 35 of year 2021 are being presented in this report. The reporting regularity of the district Bahawalnagar, Jhelum and district Rahimyar Khan has accurate reporting compliance targets for the week 35 of year 2021. District D.G. Khan, Kasur, Muzaffargarh, Okara and Rawalpindi did not meet the reporting compliance targets completely. District Bhakkar, Layyah and Rajanpur are recently shifted on DHIS-II software, that is why there reporting compliance is below the target.

. The total OPD Visits during week 35 of 2021 was 539.0K out of which 186.5k were reported in BHU(all), 101.2k were reported in RHC (all), 39.7k were reported in DHQ (all), 135.6k were reported in THQ(all) and 76.0k were reported in Teaching hospitals.

On average, 40 OPD per day visits were reported in BHU's, 155 per day visits were reported in RHC's, 1104 per day visits were reported in DHQ hospitals, 595 per day OPD visits were reported in THQ hospitals and 1810 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 12 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 35, the overall ANC-1 reported coverage in 12 districts of Punjab was 18,408 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 BHU i.e. 1362 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 12 districts of Punjab. During week 35 the highest (25%) C-section cases has reported in district Rawalpindi and the highest cases (75%) of normal delivery cases were reported in district Bhakkar. Likewise, the highest per day C-section has recorded in district Rahimyar Khan & Rahimyar Khan under the health facility teaching hospitals.

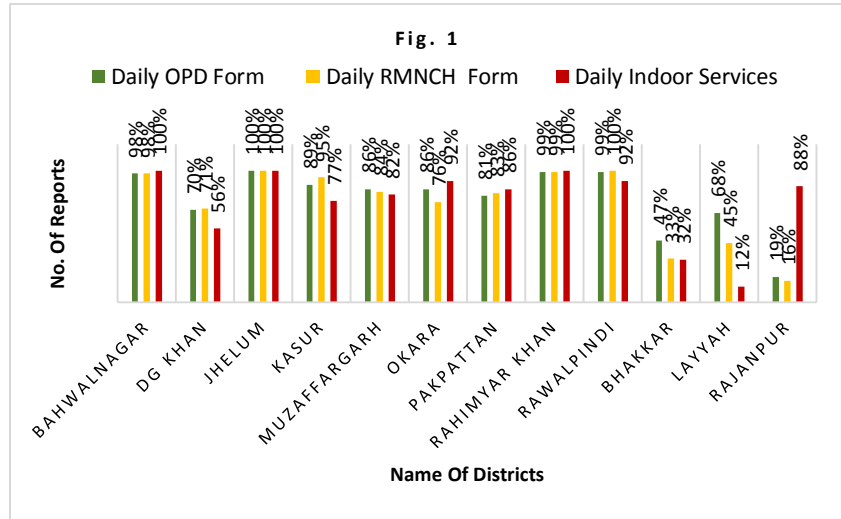
Indoor patient's data of week 34 has shown in (fig. 8 & fig. 9) which cleared the statistics of indoor admissions and death.

During week 35, family planning visits reported from the public health facilities against the expected population were 8,773. The highest number of FP visits were reported in district Rajanpur i.e. 88% visits under the health facility Basic Health Unit.

## DHIS-II WEEKLY REPORTING COMPLIANCE PUNJAB, WEEK 35

Reporting compliance showed that how timely and regularly the concerned 12 districts of Punjab are reporting data to meet the data targets.

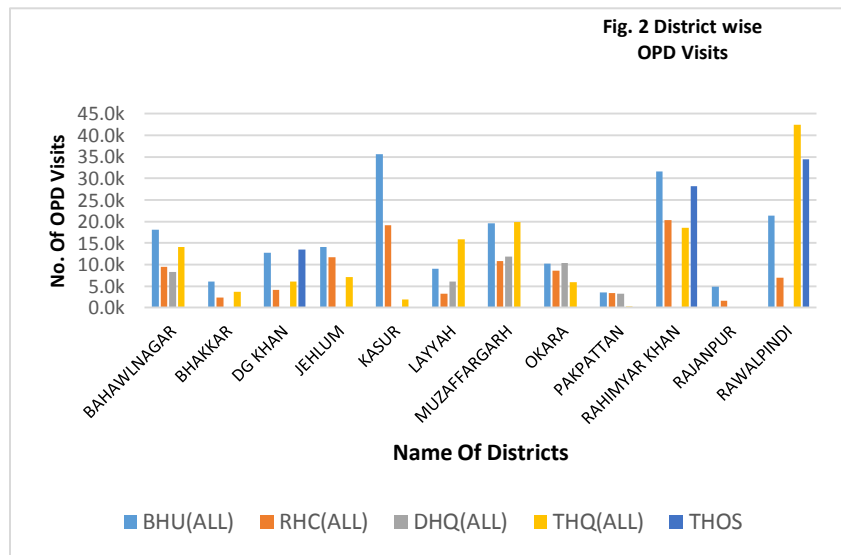
In DHIS-2, we have three daily basis reporting forms to which concerned districts enter the data on daily basis and else three monthly basis forms at which they enter the data on monthly basis as well. The target for reporting compliance



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 35. District D.G. Khan, Kasur, Muzaffargarh, Okara and Rawalpindi did not meet the reporting compliance targets completely. District Bhakkhar, Layyah and Rajanpur are recently shifted on DHIS-II software, that is why there reporting compliance is below the target.

## Reported Patients Through OPD in Health Facility, Week 35

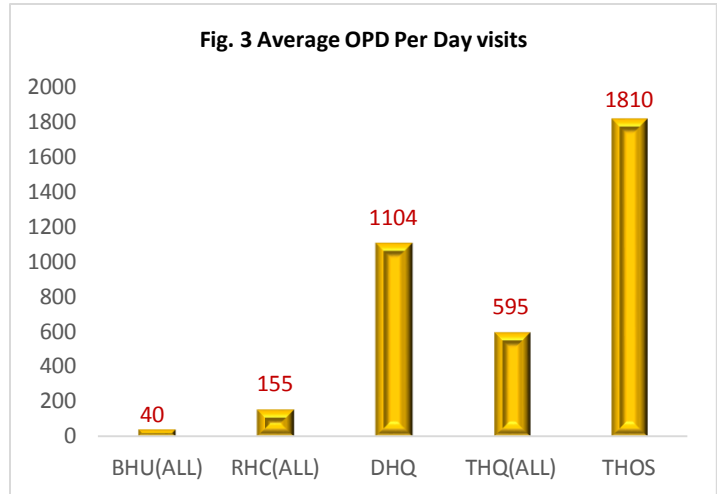
In figure 2, the total OPD Visits during week 35 of year 2021 has displayed through bar chart. The total OPD Visits during week 35 of 2021 was reported as 539K out of which 186.5k were reported in BHU(all), 101.2k were reported in RHC (all), 39.7k were reported in DHQ (all), 135.6k were reported in THQ(all) and 76.0k 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 THQ (all) i.e. 42.4k OPD visits during the period week 35 of year 2021.

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

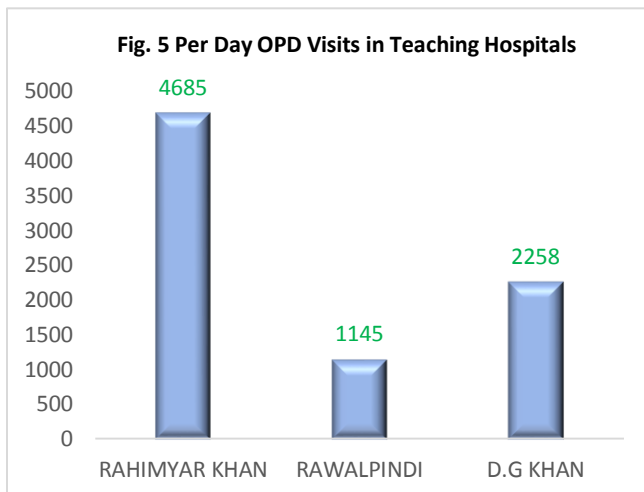
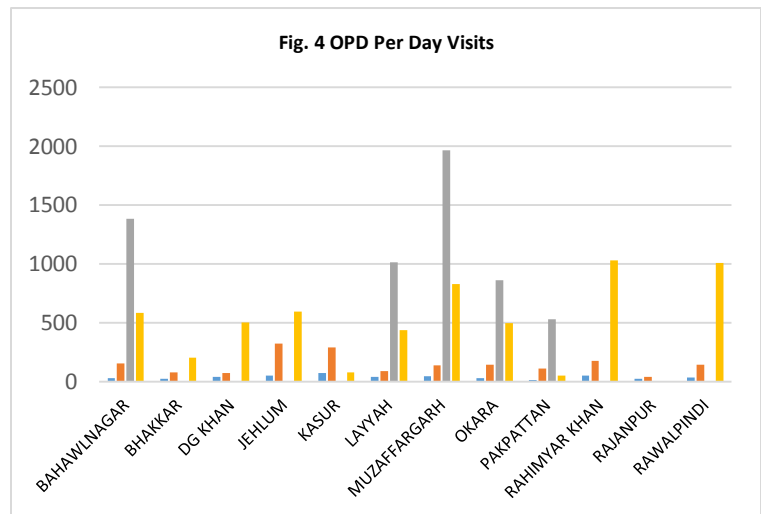
Fig. 3 displayed the OPD per day visits by health facility. This is calculated as ratio between the total OPD visits in all 12 districts of Punjab reported in DHIS-2 software and reporting number of health facilities and then divided it to the 6 week days excluding Sunday. During week 35 of year 2021, 40 per day visits were reported in Basic Health Unit (BHU's), 155 per day visits per reported in Rural Health Care



(RHC's), 1104 per day visits were reported in DHQ hospitals, 595 per day visits were reported in THQ hospitals and 1810 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, the average per day health facility is affected.

### District Wise Average OPD Per Day Visits:

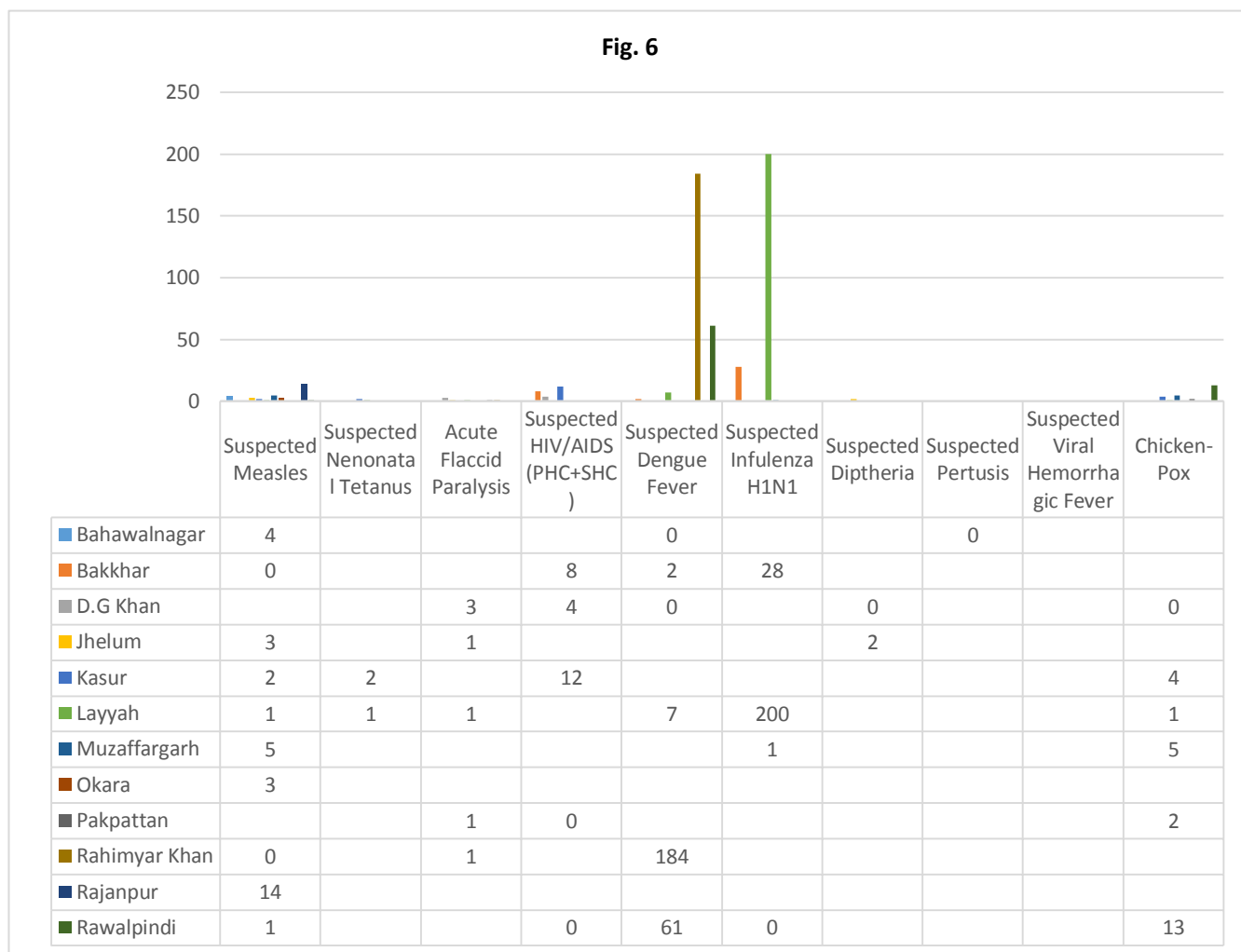
Fig. 4 represented the district wise OPD Visits by health facility wise. On average, the highest no. of OPD per day visits were reported in Muzaffargarh under the health facility DHQ i.e. 1966 per day OPD visits during the week 35 of year 2021.



### OPD Per Day Visits in Teaching Hospitals:

Fig. 5 displayed the OPD per day visits in teaching hospitals during the week 35 of year 2021. It can be seen that the highest no. of OPD visits were recorded in district Rahimyar Khan.

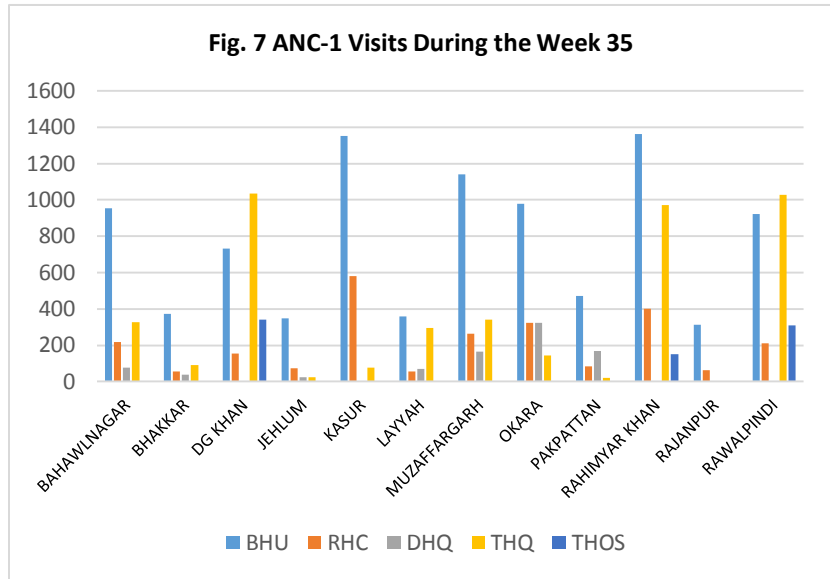
## Prone Epidemic Diseases:



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 12 districts which are successfully implemented on dhis-2 software, shown through graph. According to the descriptive analysis, the highest number of cases for suspected measles has reported in district Rajanpur. The highest number of suspected neonatal tetanus cases has reported in district Kasur. The highest Acute Flaccid Paralysis cases has found in district D.G Khan. The highest number of HIV/AIDS cases has reported from the district Kasur. District Rahimyar Khan has highest number of cases for suspected dengue fever. The highest number of cases for the disease Suspected Influenza H1N1 has reported in district Layyah. The highest number of Suspected Diphtheria cases has found in district Jhelum. The highest number of chicken-pox cases has reported in District Rawalpindi during the week 35 of year 2021.

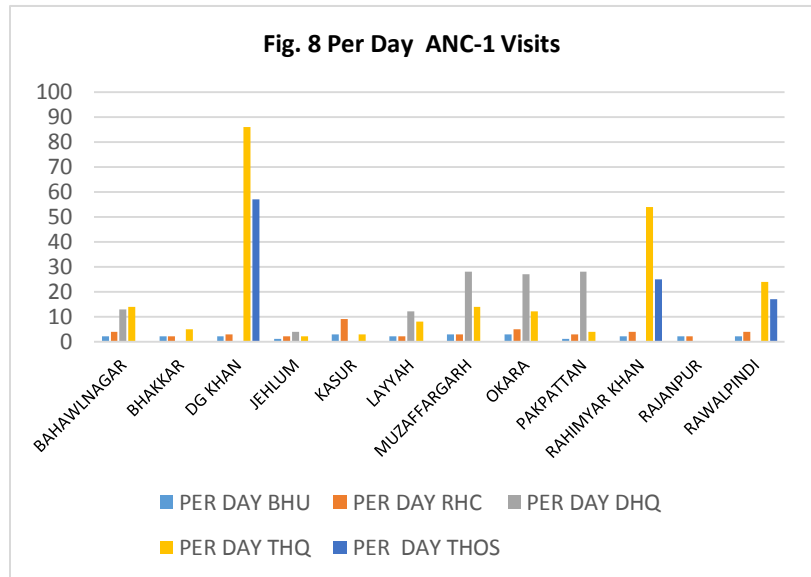
## DHIS-II Weekly Reported ANC-1 Visits in Health Facility, Week 35

Fig. 7 showed the weekly basis visits of ANC-1 in all BHU's, RHC's, THQ's and Teaching Hospitals for the 12 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 BHU i.e. 1353 visits during week 35. 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 and may affect the overall statistics.



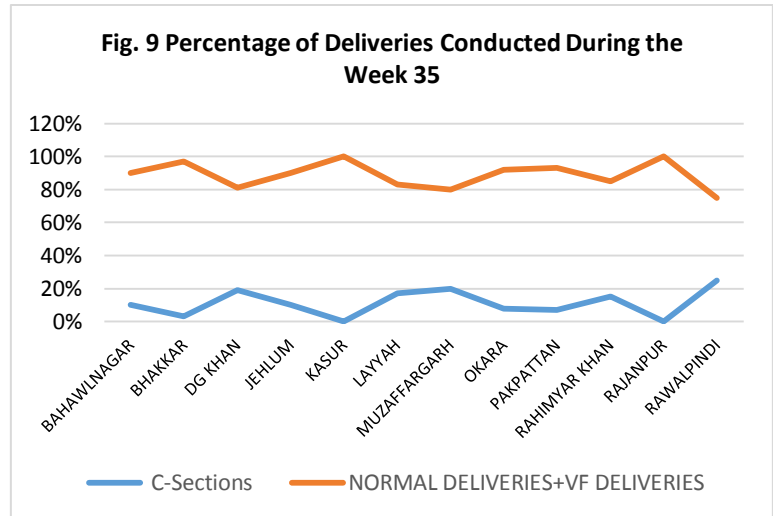
### Per Day ANC-1 Visits by Health Facility Wise:

Fig. 8 showed the per day Anc-1 visits by health facility wise during the week 35 of year 2021. The statistics showed that the highest per day ANC-1 visits have reported in district D.G Khan (86 per day visits) under the health facility THQ.



## Deliveries Coverage at Health Facility:

The statistics of delivery coverage at health facility (fig. 9) of 12 district of Punjab showed that the highest number of C-section has reported in district Rawalpindi i.e. 25% C-section during the week 35 of year 2021 and also the highest number of normal+ VF deliveries has reported in district Bhakkar (96%) for the week 35 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 35 of year 2021.



District Kasur and Rajanpur is showing 0 C-section as their DHQ Hospital is not reporting on daily basis in DHIS-2 Software. Because of this, their Normal+VF Deliveries showed 100% statistics for Normal+VF Deliveries which visualized the discrepancy in data reported on DHIS-2.

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

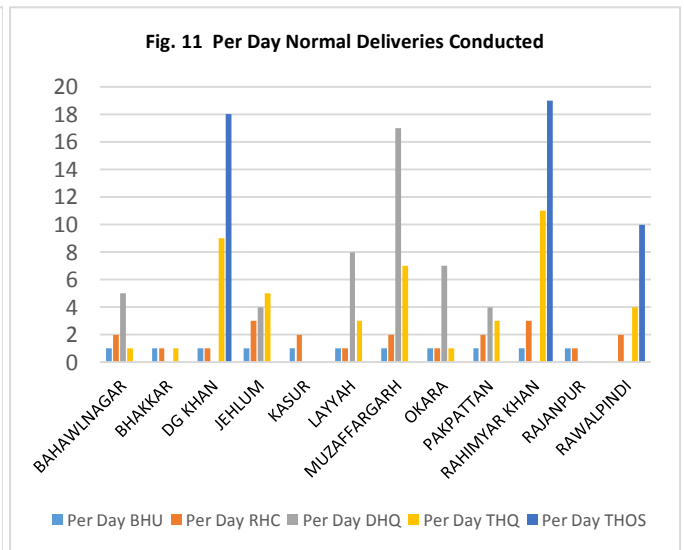
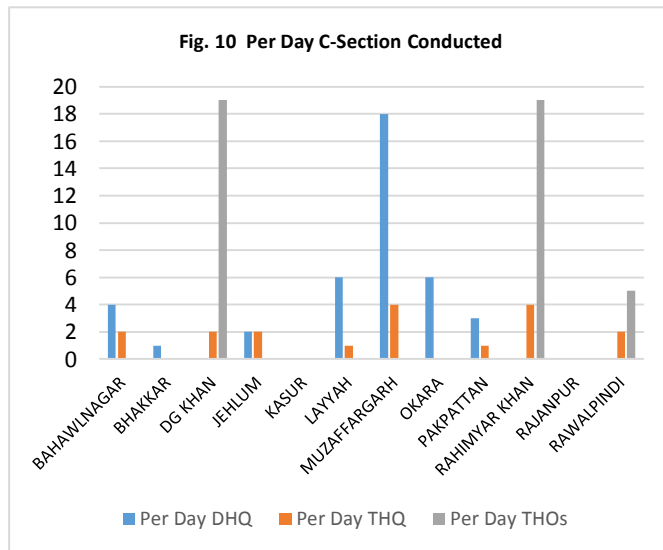


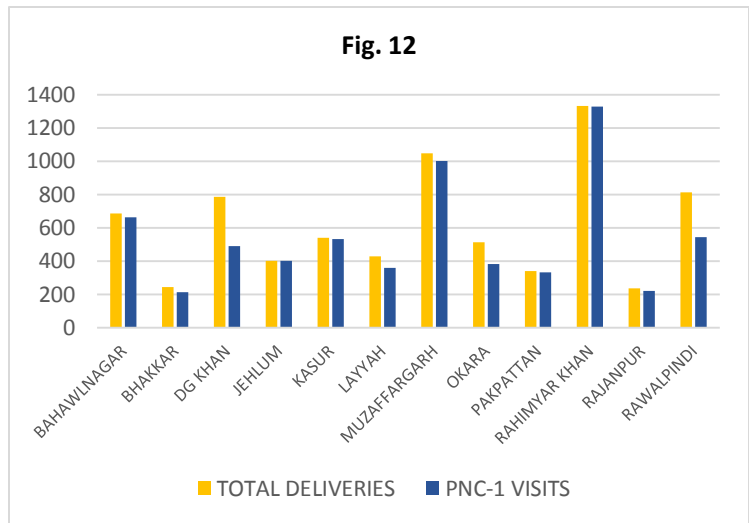
Fig. 10 & Fig. 11 visualized the per day C-section and normal deliveries conducted at the 12 districts of Punjab during the week 35 of year 2021. According the descriptive analysis of C-section, the highest number of C-section has recorded in district Rahimyar khan and D.G Khan

under the health facility of teaching hospital and also the highest number of per day normal deliveries has reported in district Rahimyar khan under the health facility of teaching hospitals.

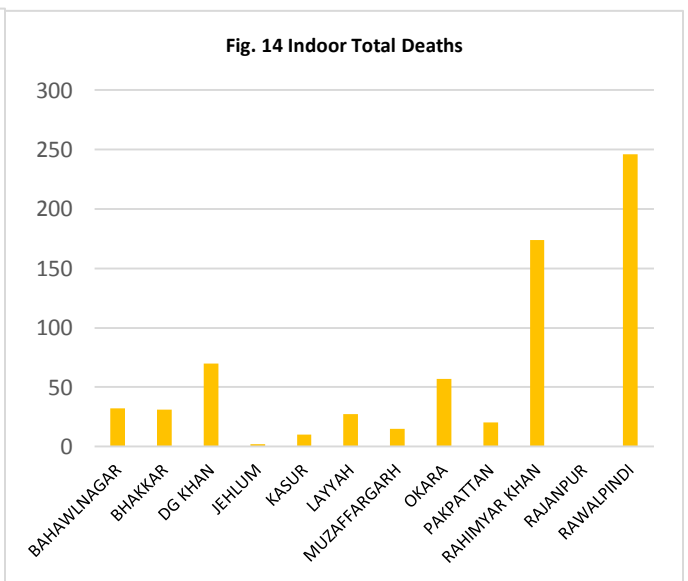
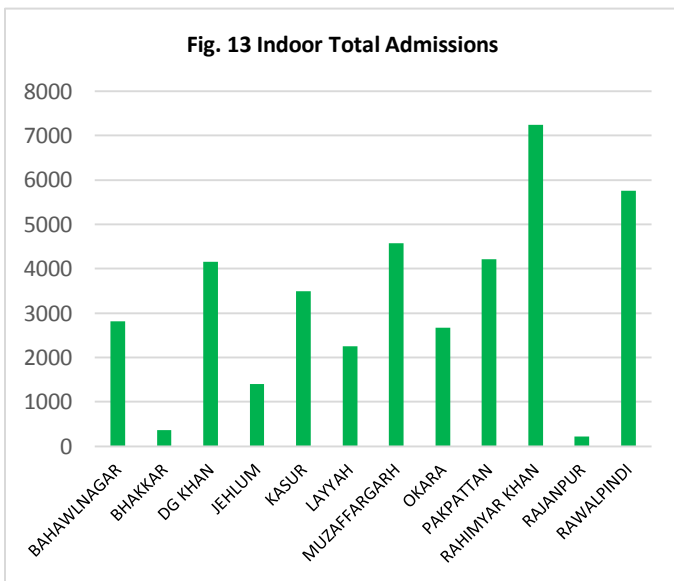
**Total Number of Deliveries Conducted and PNC-1 Visits:**

In Fig. 12, the comparison between the total number of deliveries conducted with the number of PNC-1 visits in 12 districts of Punjab during the week 35 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. 1332 deliveries out of which 1328 PNC-1 visits were reported in week 35 of year 2021.



**DHIS-II Weekly Reported Daily Indoor Patient (IPD), Week 35**



Above Fig. 13 visualized the total admissions in Indoor and Fig. 14 represented the Indoor Total Deaths.

The highest number of indoor admissions were reported in districts Rahimyar Khan i.e. 7240 whereas the highest number of indoor total deaths has reported in district Rawalpindi i.e. 246 deaths during the week 35 of year 2021.

## DHIS-II Weekly Reported Family Planning Visits, Week 35

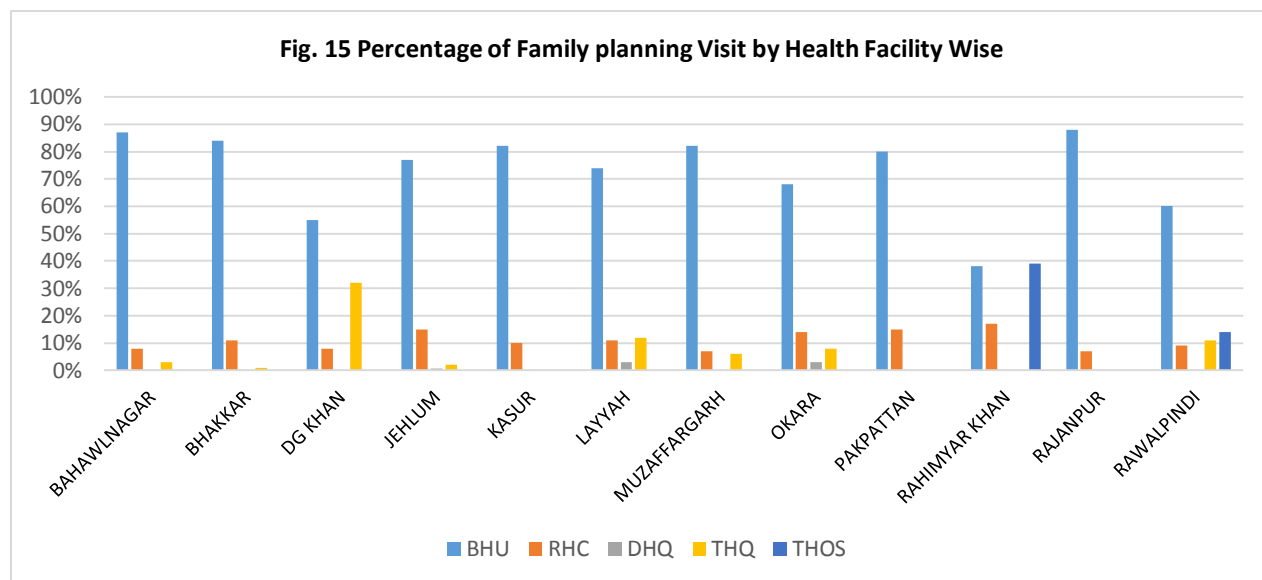


Fig. 15 exhibited the weekly FP visits by health facility wise. During week 35, the overall total FP visits were reported as 8773 visits out of which the highest number of FP visits were recorded in BHU's i.e. 88% in district Rajanpur. These percentages were calculated as total FP visits in districts divided by the total FP visits by health facility wise reported during week 35 of year 2021.

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

DISTRICT	COC cycles	Condom Pieces	DMPA Inj	IUCD	Implants	POP cycles	Tubal Ligation	Vasectomy
Bahawalnagar	39	878	40	184	3	0	1	0
Bhakkar	69	479	58	41	0	15	0	0
D.G Khan	181	1200	157	109	26	51	5	0
Jehlum	223	482	178	72	0	0	0	0
Kasur	37	221	37	89	1	3	0	0
Layyah	50	791	69	228	2	35	2	0
Muzaffargarh	225	1070	196	120	10	3	1	4
Okara	92	2633	83	100	0	0	0	0
Pakpattan	54	200	109	109	0	0	0	0
Rahimyar Khan	69	385	78	124	0	0	14	0
Rajanpur	35	17	24	38	0	8	9	0
Rawalpindi	429	3248	389	105	14	18	16	0



**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
Bahawalnagar	583	-	17	13		1
Bahkkar	308	5	20	41	2	3
D.G Khan	528	1	9	7	10	-
Jhleum	750	19	30	33	5	-
Kasur	873	18	14	55	-	-
Layyah	445	8	56	48	10	3
Muzaffargarh	961	2	32	51	5	-
Okara	1359	12	73	115	9	6
Pakpattan	384	12	44	18	-	-
Rahimyar Khan	1022	72	192	156	20	14
Rajanpur	313	37	25	21	12	8
Rawalpindi	1337	16	248	91	31	6

**Disease Data Reported, in DHIS-2 Week 35**

Name of Disease	Bahawalnagar	Bhakkar	D.G Khan	Jhelum	Kasur	Layyah	Muzaffargarh	Okara	Pakpattan	Rahimyar Khan	Rajanpur	Rawalpindi
Acute respiratory infections (ARI)	10,472	4,320	10,927	8,449	12,727	5,872	16,291	13,647	5,271	17,226	2,931	14,932
Pneumonia	55	114	382	22	3	107	513	31	41	86	8	50
Cough >2 Wks (TB Susp)	256	83	357	183	128	54	473	270	320	267	35	355
Chronic Obstructive Pulmonary Dis	115	89	430	49	77	33	349	97	83	195	9	133
Asthma	735	307	1,000	290	400	440	1,582	620	264	1,171	195	767
Susp Malaria	256	120	212	387	69	97	705	199	25	209	24	61
Susp Meningitis						1	15	18			10	
Susp dengue fever		10				7				184		61
Seasonal Influenza ILI		167				200	1					96
Chicken Pox		-			4	1	5		2			13
Susp Viral Hemorrhagic Fever (CCHF)			2						2			1
Chikungunya		9									2	12
Fever (other causes)	2,784	1,278	7,034		5,411	2,511	11,993	3,745	1,718	5,077	762	5,358
Scabies	2,418	542	1,095	641	4,740	758	4,917	4,336	1,107	2,173	389	2,261

Dermatitis	1,131	355	1,197	1,145	1,902	620	1,924	998	396	1,841	456	996
Cutaneous Leishmaniasis		31	26		12		3	20	19		3	
Urinary Tract Infection UTI	838	638	580	1,294	713	468	1,173	1,283	298	711	72	2,577
Sexually Transmitted Infections	4	10	34	43	7	5	20	16	153	54	6	26
Susp Hepatitis A	3			21		5	27	33		2		5
Susp Hepatitis B	132		46	39	11	13	113	23	3	27		715
Susp Hepatitis C	11		40	104	41	28	273	78	142	401		768
Susp Hepatitis D					1	1						
Susp Hepatitis E						1						1
Susp Measles	4	5		3	2	1	5	3				1
Susp Neonatal Tetanus					2	1						
Susp Acute Flaccid Paralysis AFP			3	1					1	1		
Susp pertussis												
Susp diphtheria			20	2								
Susp Corona Virus			3		8	2	7	3		4	14	233
Diarrhea/Gastroenteritis	1,927	555	2,801	1,912	2,774	1,061	5,555	2,728	840	2,838	382	4,033
Acu Watery Diarrhea/Susp Cholera	105	24	100		99	56	302	313	148	53	5	692
Bloody Diarrhea/Dysentery	89	77	166		25	26	224	315	36	149	31	117
Susp Enteric / Typhoid Fever	105	63	217	11	204	126	563	443	75	140	57	155
Worm Infestations	329	181	625	379	256	165	1,045	248	97	112	42	378
Peptic Ulcer Dis	2,372	588	670	2,442	1,277	575	1,070	2,114	1,713	1,579	97	2,097
Chronic Liver Dis	42	35	13	12	3	40	55	116	6	74	2	56
Dental Caries	938	201	868	992	691	210	722	504	592	2,160	101	1,916
Cataract	49	21	194	12	6	44	360	72	110	209	2	80
Trachoma	5	10		1	9	46	3	6	67	1		
Glaucoma	6	13	20		1	4	77	10	8	59		15
Otitis Media	267	233	281	427	264	92	702	447	83	489	129	436
Acute Conjunctivitis	170	26	24	62	23	84	242	118	85	499	3	129
Lung Cancer										2		2
Breast cancer								3		28	3	5
Prostate cancer							1	4				1
Diabetes Mellitus	518	113	475	1,031	800	530	1,612	1,000	395	2,305	42	1,712
Goiter		19	3	17	2	5	5	5	5	2	1	53
Ischemic Heart Dis	228	11	262	69	10	39	229	135	47	639	1	384
Hypertension	875	318	588	1,036	946	303	1,318	723	440	1,085	108	2,236
Depression	203	77	232	36	71	48	489	163	7	220		612
Epilepsy	5	1	64	1		5	68	1		28		64
Drug Dependence	1		5			1	12			11		65
Silicosis		1			1			3				
Road Traffic Accidents	1,016	214	755	617	592	531	1,652	394	319	1,684	69	1,150
Injuries	1,101	147	375	452	273	222	832	293	141	1,313	54	539
Fractures	117	26	366	32	16	25	309	39	46	961	1	306
Burns	39	34	196	13	34	24	74	27	38	45	6	39

Dog bite	102	33	418	40	38	46	254	44	22	150	6	276
Snake bite	3	1	42	11	2		5	1	1			7
Susp HIV/ AIDS		15	4		12				12			-
Other UnUsual Disease		1,053	1,999		2,631	896	1,016	4,777	2,518		241	3,538
Emergency Patient Attended	1,463	2	5,400	813	664	82	4,587	2,915	340			3,252

## EVENTS



Pre-Launching Orientation Session for Implementation of DHIS2 at District Attock

Focal Person:

- Dr. Mohsan Watto (Epidemiologist, DGHS)
- Mr. Farooq Ahmed (CPO, DGHS)

Dr Ghazanfar Shafeeq(DHO HRM),Dr Imran Abbas(Focal Person),Dr Billal Anjum(The Aga Khan University) DHA-Rahimyarkhan visited RHC Sanjarpur



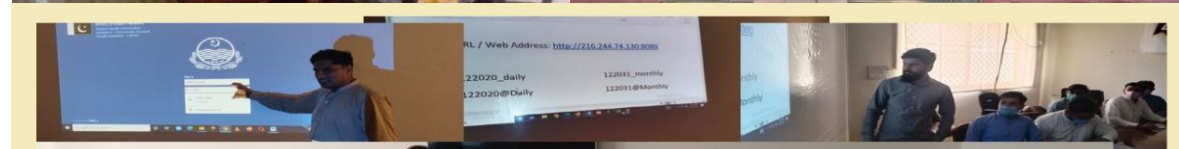
DHIS2 training sessions for Medical officers and charge of BHU's of the health facilities of District Mianwali.

Focal Person: Mr. Riaz ( Statistical Officer, Mianwali)



Visited OPD, ANC and LQAS section of BHU Bakhral, & Rehmatabad

Focal Person: Miss Farzana Asgar (Senior Computer Operator) (District Rawalpindi)



Pre-Launching Orientation Session for Implementation of DHIS2 at District Attock.

Focal Person:

- Dr. Shakeel Goundal
- Mr. Farooq Ahmed (CPO, DGHS)
- Mr. Azizullah



