

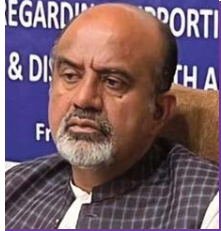


# DIRECTORATE GENERAL HEALTH SERVICES PUNJAB-LAHORE

24-Cooper Road, Lahore  
Ph. 042 -99200990; email: hmis.pb@yahoo.com



DHIS2 Weekly Bulletin (Week 49, December 4-10, 2023)



It is a matter of great pleasure for me to write this message. The importance of data planning and implementation is immense. DHIS is a decision support system that will help managers at all levels to make evidence based decisions. It will help in planning & development, strategy management, Budgeting and forecasting about future needs. The MIS team is praise-worthy to implement the system in the whole province and bring reporting regularity to more than 97%.

The performances of the district management teams and health facilities of the province are available for scrutiny and evaluation on DHIS. The issues of data validity and data accuracy needs more efforts and hard working The doctors and paramedics should pay heed to the plight of data quality and accuracy, so that correct and valid figures may be made available for the decision makers.

**Dr. Muhammad Ilyas Gondal**  
Director General Services Punjab



The weekly Bulletin would have not been possible without support, guidance, and expertise of Dr. Muhammad Ilyas Gondal, Director General Health Services Punjab. The regular reviews, discussion, and modification of methodological framework used to ensure that the Weekly Bulletin meets the most rigorous statistical standards and accurately reflects the status of our Provincial health system.

On behalf of MIS team, Dr. Khalid Mehmood (Director MIS), Dr. Muhammad Mohsan Wattoo (ADHS-MIS) Mr. Farooq Ahmed (CPO MIS) and Miss Rukhsana Fawad (Data Analyst) thank to the focal persons of Districts and public health professionals who worked to improve our provincial health information system with their tireless efforts and collaboration and deserve deepest appreciation for continuing efforts, to be better orientation to address the public health challenges of today and tomorrow.

**Dr. Khalid Mehmood**  
Director Health Services (P&D and MIS)

## Week 49, 2023: Key Healthcare Insights:

In Week 49 of 2023, the reporting compliance across all 36 Districts surged to an exceptional 96%, reflecting an encouraging improvement from the prior week. The total number of OPD visits during Week 49 witnessed a moderate increase, totaling 22,52,660 visits. This represents a 5% rise compared to the previous week's 21,70,231 visits in Week 48. Notably, new OPD patients comprised 96%, while follow-up visits accounted for 4% this week.

Facility-wise, the average OPD visits per day remained prominently higher in DHQs, marking an average of 1,030/day visits. Once again, District Faisalabad led in OPD visits with 1,95,355, closely followed by Lahore (1,74,859) and Multan (1,31,469) in terms of patient footfall.

The Indoor age and gender-wise analysis for Week 49 demonstrates a slight shift, with females contributing to 54% of visits, while males accounted for 46%. The age distribution remained consistent, predominantly encompassing individuals aged between 15 to 49 years' old.

This week, DHIS-2 documented a total of 68 diseases, encompassing 57% of all patient cases. Among the reported illnesses, communicable diseases constituted 60%, showcasing a slight increase, whereas non-communicable diseases accounted for 40%.

Regarding healthcare procedures, there were 1,11,733 indoor admissions recorded this week, with 63% of patients admitted due to specific diseases. Surgeries conducted with anesthesia saw a varied distribution: General Anesthesia (GA) was used in 17% (3,432), Local Anesthesia (LA) in 52% (10,581), Spinal Anesthesia in 26% (5,320), and alternative anesthesia methods in 6% (1,165).

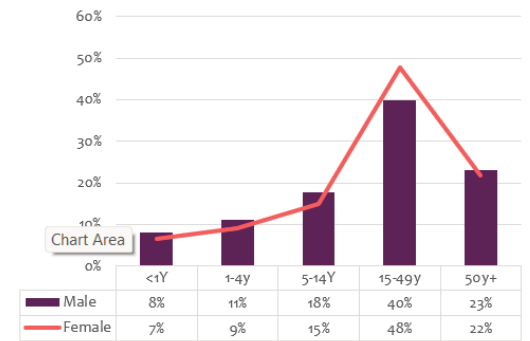
Within the maternal health domain, ANC visits totaled 2,12,196 in Punjab for Week 49, with ANC-1 (n= 81,374) reporting 16% (12,992) with Hb<10g/dl. Deliveries numbered 25,257, comprising 79% Normal deliveries, 21% C-Section, and 0.1% Vacuum/Forceps. Among the live births (24,916), 2% babies were born with LBW <2.5 kg, and 0.3% were Premature Births. Tragically, 4% (909) of the babies faced specific complications and did not survive. We've also tabulated data regarding Kangaroo Mother Care (KMC) for newborns to monitor its implementation and impact.

Family Planning (FP) visits tallied 47,085 this week, with 77% occurring in BHUs. Districts Faisalabad, Lahore and Multan retained their positions with 4,057, 2,561, and 2,544 FP visits, respectively, marking consistent engagement.

In Week 49, the overall indicators saw an upward trend compared to the previous week, signaling positive progress across reporting compliance, OPD visits, communicable diseases, ANC-1 with Hb<10g/dl, and normal deliveries, despite the tragic loss observed among newborns facing complications.

## Out Patient Data

Age & Gender wise OPD Visits Distribution week 49,2023



## Age and Gender Wise Analysis:

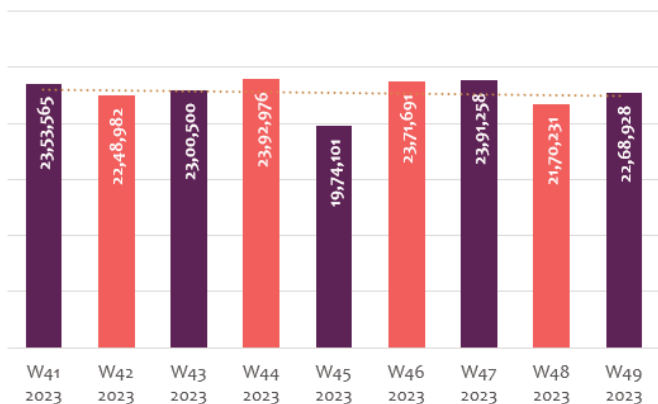
Total OPD 22,52,660 visits were recorded in this week there were more females (54%) visits than that of males (46%). As is presented in the graph, the maximum number of patients belonged to age group (15-49) y.

Bar Graph of Referred Patients week 49, 2023

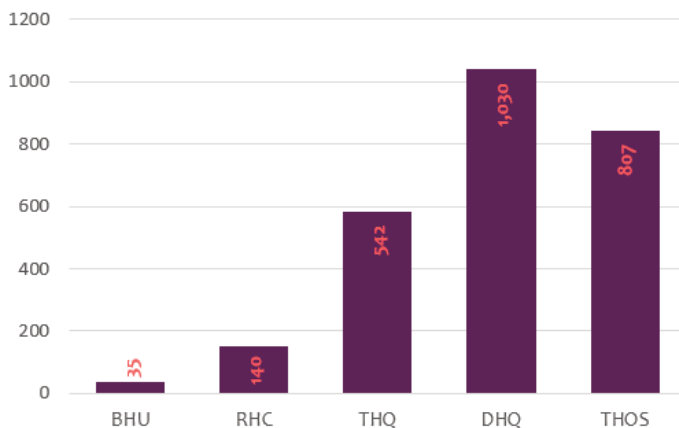


# DHIS2 Weekly Bulletin (Week 49, December 4-10, 2023)

Total OPD Visits Weekly Comparison



Average OPD perday Visits during week 49,2023



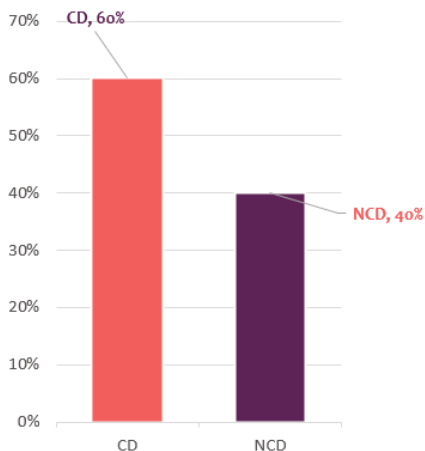
## OPD Visits Week Wise Comparison:

During week 44, the peak number of OPD visits reached 2,392,976, the highest compared to other weeks. However, in the most recent week, week 49, there was a 5% increase in OPD visits compared to the previous week, week 48.

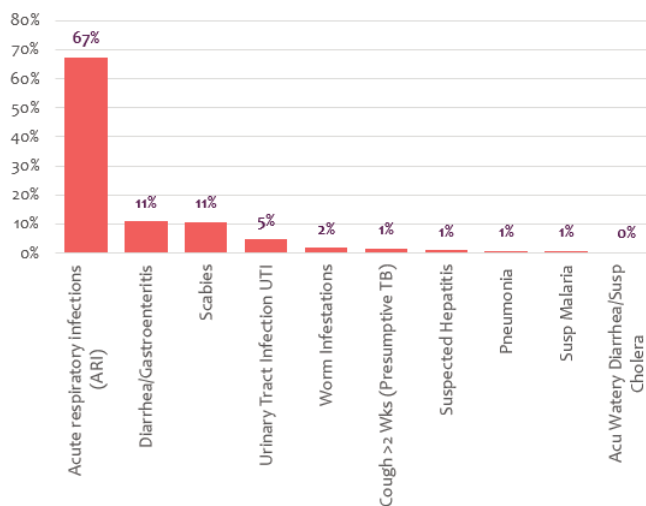
## Average OPD per day visits:

In the assessment for week 49, the analysis showcased that, according to the bar chart, DHQ facilities stood out with the highest daily average of 1,030 OPD visits among various facility type.

Communicable Diseases(CD) Vs Non Communicable Diseases (NCD)



Top 10 Communicable diseases week 49, 2023



## Communicable Diseases:

week 49 data from Punjab in 2023 highlighted major communicable diseases. Acute Respiratory Infection (ARI) stood out, constituting 67% of cases. Diarrhea/Gast and Scabies issues followed at 11%, with Urinary Tract Infection (UTI) at 5%. These percentages were based on patients visiting the Outpatient Department for communicable diseases during that period.

Suspected OPD Communicable Diseases Week 49, 2023			
Sr.	Respiratory Diseases	Sr.	Skin Diseases
1	Acute respiratory infections (ARI)	21	Susp Scabies
2	Pneumonia	22	Cutaneous Leishmaniasis
3	Cough >2 Wks (Presumptive TB)		Sexually Transmitted Infections
	Communicable Diseases	23	Urinary Tract Infection UTI
4	Susp Malaria	24	Suspected Syphilis
5	Susp Meningitis	25	Suspected Gonorrhoea
6	Susp Dengue Fever		Vaccine Preventable Diseases/ Hepatitis
7	Seasonal Influenza ILI	26	Suspected Hepatitis
8	Chicken Pox	27	Susp Measles
9	Susp Viral Hemorrhagic Fever (CCHF)	28	Susp Neonatal Tetanus
10	Susp Chikungunya	29	Susp Acute Flaccid Paralysis AFP
11	Suspected Anthrax	30	Susp pertussis
12	Suspected Brucellosis	31	Susp diphtheria
13	Suspected Leprosy	32	Susp Corona Virus
14	Suspected Rubella (CRS)	33	Mumps
15	Suspected SARI		Water Born Diseases
16	Cervical cancer	34	Diarrhea/Gastroenteritis
17	Suspected Monkey Pox	35	Susp Acu Watery Diarrhea/Susp Cholera
18	Suspected Naegleria	36	Susp Enteric / Typhoid Fever
19	Susp HIV/ AIDS	37	Worm Infestations
20	Acute Conjunctivitis		

OPD Non-Communicable Diseases Week 49, 2023			
Sr.	Respiratory Diseases	Sr.	Oral Disease
1	Chronic Obstructive Pulmonary Dis	16	Dental Caries
2	Asthma		Cancer Diseases
	Communicable Diseases	17	Lung Cancer
3	Fever (other causes)	18	Breast cancer
	Skin Diseases	19	Prostate cancer
4	Dermatitis		Psychiatric Diseases
	Gastrointestinal Diseases	20	Anxiety & Depression
5	Bloody Diarrhea/Dysentery	21	Epilepsy
6	Peptic Ulcer Disease	22	Drug Dependence
7	Chronic Liver Dis		Occupational Lung Diseases
	Eye & ENT Diseases	23	Silicosis
8	Cataract		Injuries/Poisoning
9	Trachoma	24	Road Traffic Accidents
10	Glaucoma	25	Injuries
11	Otitis Media	26	Fractures
	Endocrine Disorder	27	Burns
12	Diabetes Mellitus	28	Dog bite
13	Goiter	29	Snake bite
	Cardiovascular Diseases		Neurological/Neurosurgical
14	Ischemic Heart Dis	30	CVA Stroke
15	Hypertension	31	Heat Stroke

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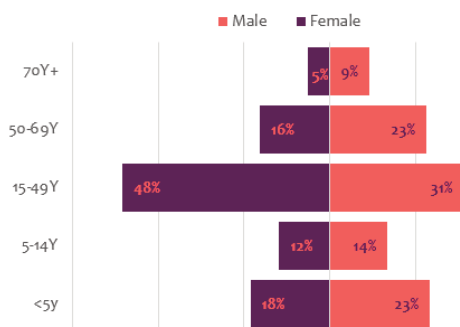
## DISEASE WISE INDOOR ADMISSION WEEK 49 OF YEAR 2023

Acu Appendicitis	624	Confirmed Monkey Pox	0	Hyperplasia of Prostate	102	Puerperal Sepsis	140
Acu Flaccid Paralysis (AFP)	11	Congestive Cardiac Failure	986	Hypertension	2,865	Pulmonary Tuberculosis	542
Susp Acute Watery Diarrhea / Cholera	754	Corneal Opacity	42	Inflam.Female Pelvic Organs	284	Susp Rabies	48
Allergic Conjunctivitis	73	Susp Corona Virus Dis (COVID19)	0	Ischemic Heart Disease (IHD)	2,561	Rupture Uterus	83
Anti Partum Hemorrhage (APH)	281	DNS	84	Malaria	29	Seasonal Influenza I L I	148
Arthropathies	518	Susp Dengue fever	437	Susp Measles	81	Silicosis	0
Asthma	3,092	Diabetes Mellitus	2,270	Susp Meningitis	319	Skin Cancer	1
Bloody Diarrhea/Dysentery	139	Diarrhea	12,472	Susp Neonatal Tetanus	0	Susp Enteric / Typhoid Fever	3,120
Breast Cancer	42	Susp Diphtheria	1	Other Diseases	20,622	Urolithiasis	165
Burns	294	Drug Abuse	88	Other Obstetric Complications	1,970	Uterine Prolapse	66
CVA Stroke	1,261	Ectopic Pregnancies	99	Susp Pertussis	0	Valvular Heart Disease	213
Cataract	318	Extra Pulmonary Tuberculosis	170	Pneumonia	3,371	Vesico -Vaginal Fistula	162
Cholelithiasis / Cholecystitis	386	Fibroid Uterus	136	Postpartum Hemorrhage (PPH)	146	Susp. Hemorrhagic Fever (CCHF)	1
Chronic Liver Disease	1,426	Fractures	1,285	Pre-Eclampsia/ Eclampsia	181	Viral Hepatitis A	81
Chronic Obstructive Airways	1379	Glaucoma	61	Probable Monkey Pox	0	Viral Hepatitis B	32
Chronic Otitis Media	110	Head Injury	878	Prolonged/ Obstructed Labour	299	Viral Hepatitis C	59
Chronic Renal Disease	2,757	Heat Stroke	0	Prostate Cancer	1	Viral Hepatitis E	4
Complication of Abortion	251	Hernias	472	Psychiatric Disorder	144		

### Age and Gender Wise Analysis:

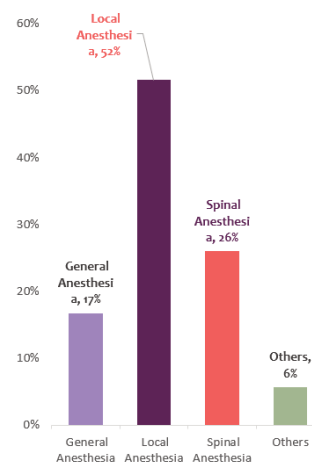
Total indoor 1,11,733 patients were admitted during current week, out of which 63% patient disease wise admitted only 1% was Referred 3% indoor deaths were occurred in this week. Age and gender wise analysis the highest number of patients were under the age group (15-49) yr. The percentage of female patients in this age group were 48% and male were 31%.

Age and Gender wise Indoor Admission week 49,2023



### Surgeries with type of Anesthesia:

Throughout 20,498 surgeries, various anesthesia methods were employed. General anesthesia (GA) was used in 17% (3,432) of surgeries, while local anesthesia (LA) was 52% (10,581). Spinal anesthesia contributed to 26% (5,320) of procedures, with 6% (1,165) involving other alternative anesthesia methods.



Geographically presentation of **Dengue** fever in Punjab, Lahore Lahore (862), Sheikhupura (139), Rahimyar Khan (60) and Bahawalpur (58) have most Dengue cases



This map displays the geographically distribution of **Meningitis** cases. It indicates the highest cases of Meningitis in District Bahawalpur (15) Sargodha (14) and Gujranwala (2)

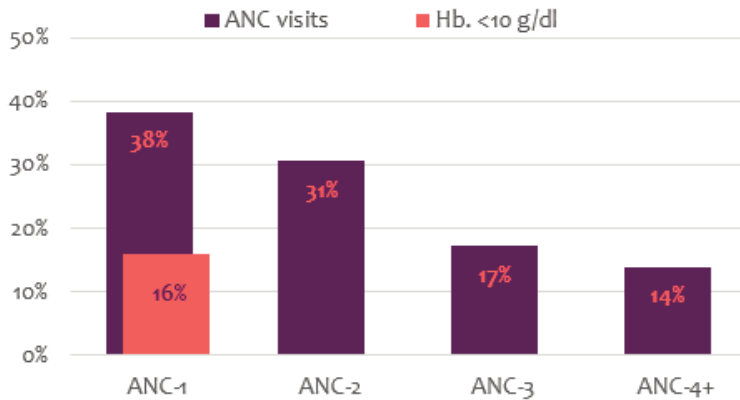


This Map illustrate weekly summary reported cases of **Pneumonia**. The Highest cases of Pneumonia in Districts Rawalpindi (609), Pakpattan (412), Chiniot (321) and Sheikhupura (310).

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## MNCH Services

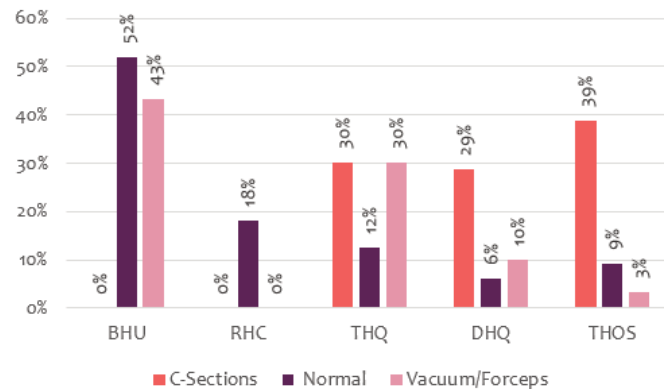
ANC visits during week 49, 2023



### ANC Detail:

Among the total 2,12,196 ANC visits this week, ANC-1 constituted 38% (81,374) with 16% (12,992) showing Hb<10g/dl, while ANC-2, ANC-3, and ANC-4 comprised 31% (64,869), 17% (36,483), and 14% (29,470) respectively.

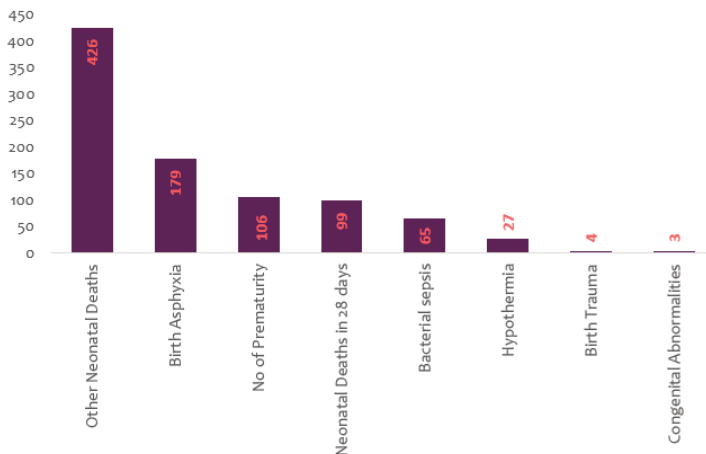
Deliveries conducted by Health Facility type-wise week (49,2023)



### Deliveries by Health Facilities types wise:

Out of the total 25,257 deliveries, BHU accounted for 52% of normal deliveries, THOS handled 39% C-sections, and BHU managed 43% of vacuum/forceps deliveries. These percentages are based on deliveries within healthcare facilities.

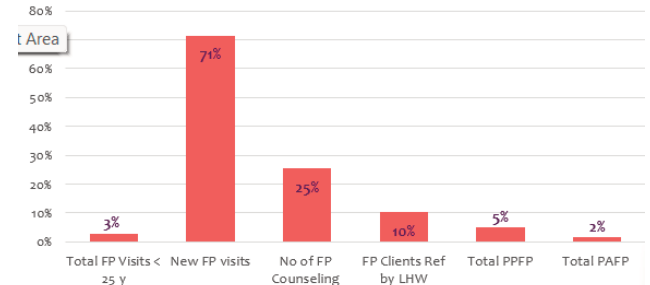
Neonatal Deaths with Complications week 49, 2023



### Neonatal Deaths by Complication:

Throughout this week, there were 08 reported cases of maternal deaths. Additionally, complications led to 4% (909) Neonatal deaths among the total 24,916 live births.

Services wise FP Client visits Week 49, 2023



### Family Planning:

In the 49th week of 2023, there were 47,085 family planning visits. Of these, 3% (1,211) were by women under 25 years old. Among these visits, 71% (33,608) were from new clients. Family planning counseling accounted for 25% (11,937) of visits, with 85% (10,184) being new clients and 15% (1,753) returning. 10% (4,813) were referrals by LHWs. Postpartum family planning (PFPF) visits made up 5% (2,324), with 3% (77) by women under 25 years old. Finally, Post-Abortion Family Planning (PAFP) visits were 2% (780), with 3% (23) made by women under 25.

Kangaroo Mother Care (KMC) Newborn Indicators, week 49, 2023

Sr.	Babies Initiated with KMC Services	Total	Sr	Information on KMC Outcome	Total	Sr	Information on KMC Follow-up	Total
1	No. of Babies initiated with KMC Services	47	1	No. of Babies received KMC & discharge as per protocol	39	1	No. of Babies received 1st follow-up	42
2	No. of Babies born in Facility initiated KMC Services	50	2	No. of Babies received KMC & discharge on request	12	2	No. of Babies received 2nd follow-up	13
3	No. of Babies born outside the Facility received KMC Services	26	3	No. of Babies initiated KMC & referred / discontinued due to complication	12	3	No. of Babies received 3rd follow-up	12
			4	No. of Babies die during KMC	11	4	No. of Babies received 4th follow-up	19

\*Note: This Section is Only for DHQs where KMC Project is Implemented