

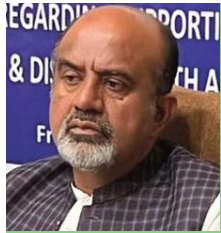


# DIRECTORATE GENERAL HEALTH SERVICES PUNJAB-LAHORE

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



## DHIS2 Weekly Bulletin (Week 51, December 18~24, 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)

### Summary

In Week 51 of 2023, a comprehensive analysis was conducted, exploring crucial insights from our data report. Utilizing tables and graphs, this analysis highlighted significant trends and vital indicators. Across all 36 Districts, the reporting compliance for Week 51 stood impressively high at 97%. The total number of Outpatient Department (OPD) visits during this week reached 23,29,275, signifying a 4% increase compared to the previous week's 22,30,217 visits in Week 50. Notably, 96% of these visits accounted for new OPD patients, while only 4% were follow-up visits.

In terms of Facility types, the average daily OPD visits were notably higher in DHQ at 999/day visits. The highest number of OPD visits were reported in District Lahore (2,27,458) followed by Faisalabad (2,00,670), and Multan (1,23,072) during Week 51.

Analyzing OPD age and gender demographics, females constituted 55% of visits while males accounted for 45%. The majority of patients, spanning ages 15 to 49, comprised the largest age group.

Regarding documented diseases in DHIS-2 during Week 51, a total of 68 diseases were recorded, encompassing 57% of all patient cases. Among these illnesses, 60% were communicable diseases, while 40% were non-communicable, focusing on prioritized diseases. Graphs and tables were employed to visually represent the top 10 communicable and Non Communicable diseases.

Additionally, indoor admissions totaled 1,04,687, with 61% admitted due to specific diseases. Surgeries with anesthesia numbered 20,468, with 18% utilizing General Anesthesia (3,631), 49% involving Local Anesthesia (10,142), 27% employing Spinal Anesthesia (5,556), and 6% utilizing other alternative anesthesia methods (1,139).

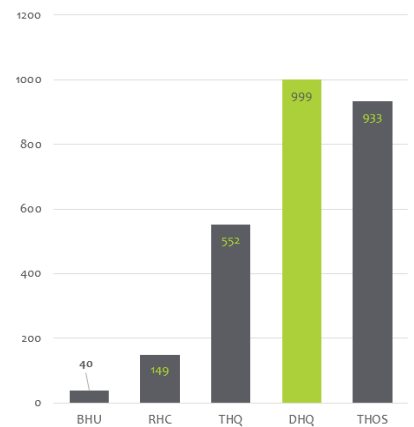
In the field of Maternal and Child Health in Punjab, there were a total of 2,23,625 ANC visits. Among the 88,028 women, 14% (12,540) reported having Hb levels below 10g/dl during ANC-1. A week-wise comparative study highlighted anemic women. Out of 25,940 deliveries, 79% were normal, 21% were C-sections, and only 0.32% involved Vacuum/Forceps deliveries. Maternal complications in obstetrics were visualized through a bar graph. Among the 25,485 live births, 2% had Low Birth Weight (<2.5 kg), 0.5% were premature, and 4% (1,017) faced complications leading to infant mortality.

Moreover, 48,489 Family Planning (FP) visits were recorded during the week, with 76% occurring in BHUs. Districts Faisalabad, Lahore and Rahimyar Khan recorded the highest FP visits, with 4,183, 3304, and 2,563 FP visits, respectively.

In Week 51, the overall indicators exhibited an upward trend compared to the previous week, indicating positive progress across reporting compliance, outpatient department (OPD) visits, antenatal care (ANC-1) visits, family planning visits, and deliveries. The week's data not only provides a snapshot of the current state of healthcare but also serves as a guide for future improvements and innovations in the pursuit of better public health outcomes.

### Out Patient Data

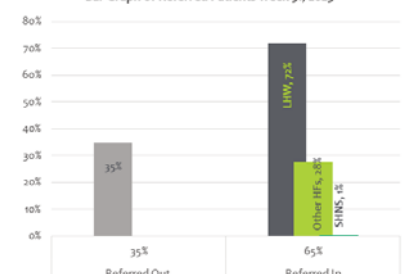
Average OPD perday Visits during week 51, 2023



### Average OPD per day visits:

In the assessment for week 51, the analysis showcased that, according to the bar chart, DHQ facilities stood out with the highest daily average of 999 OPD visits among various facility type.

Bar Graph of Referred Patients week 51, 2023



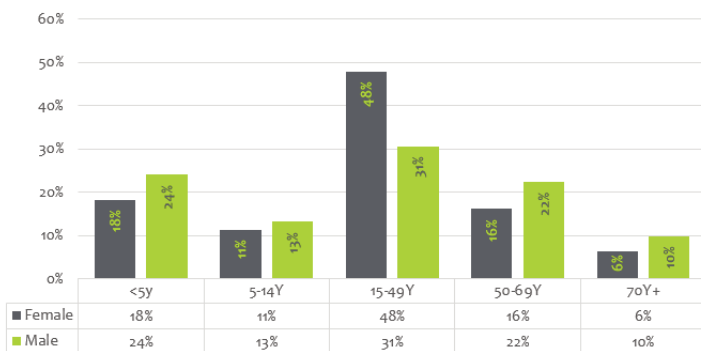


# DHIS2 Weekly Bulletin (Week 51, December 18~24, 2023)

SUSPECTED DISEASE WISE INDOOR ADMISSION WEEK 51 OF YEAR 2023

sr.	Medicine		Vaccine Preventable diseases/hepatitis		Neurological/Neurosurgical		Chronic Renal Disease	
1	Diarrhea	10,002	19	Susp Neonatal Tetanus	1	37	CVA Stroke	1,083
2	Pneumonia	4,087	20	Acu Flaccid Paralysis (AFP)	13	38	Head Injury	658
3	Bloody Diarrhea/Dysentery	132	21	Susp Measles	54	39	Heat Stroke	3
4	Acute Watery Diarrhea / Cholera	782	22	Susp Malaria	48	40	Cancer Diseases	
5	Asthma	2,708	23	Susp Viral Hepatitis A	69	41	56	Chronic Otitis Media
6	Chronic Obstructive Airways	1,072	24	Susp Viral Hepatitis B	117	42	57	DNS
7	Pulmonary Tuberculosis	584	25	Susp Viral Hepatitis C	159	43	Gynecological	
8	Extra Pulmonary Tuberculosis	98	26	Susp Viral Hepatitis E	12	44	58	Fibroid Uterus
9	Sus Enteric / Typhoid Fever	2,678	Communicable Diseases		Surgical		59	Inflam. Female Pelvic Organs (PID)
10	Diabetes Mellitus	1,867	27	Susp Dengue fever	265	45	60	Uterine Prolapse
11	Chronic Liver Disease	1,219	28	Susp Seasonal Influenza I LI	45	46	61	Vesico -Vaginal Fistula
12	Chronic Renal Disease	2,399	29	Susp Diptheria	2	47	Obstetrics/Maternal Complications	
Cardiac Diseases			30	Susp Pertussis		48	62	Anti Partum Hemorrhage (APH)
13	Congestive Cardiac Failure (CCF)	941	31	Viral Hemorrhagic Fever (CCHF)	48	49	63	Complication of Abortion
14	Hypertension	2,455	32	Susp Meningitis	253	50	64	Ectopic Pregnancies
15	Ischemic Heart Disease (IHD)	2,104	33	Susp Rabies	43	51	65	Postpartum Hemorrhage (PPH)
16	Valvular Heart Dis	318	34	Susp Corona Virus Dis (COVID)	50	Psychiatric Diseases		66
OrthoPedic Diseases			35	Probable Monkey Pox	51	52	67	Prolonged/ Obstructed Labour
17	Arthropathies	489	36	Confirmed Monkey Pox		53	68	Puerperal Sepsis
18	Fractures	1,086	Eye		69		70	Rupture Uterus
						70		Other Obstetric Complications
						337		1916

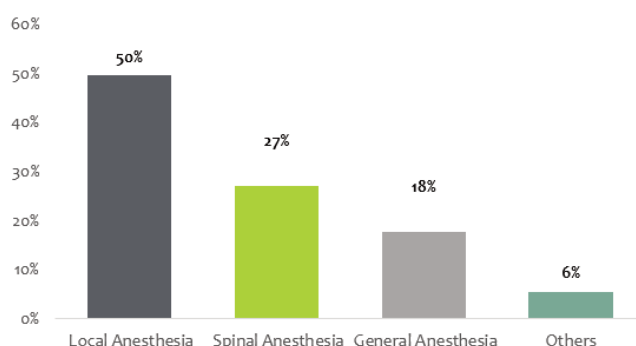
Age and Gender wise Indoor Admission Week 51, 2023



## Age and Gender Wise Analysis:

Total indoor 1,04,687 patients were admitted during current week, out of which 61% patient disease wise admitted only 1% was Referred 4% 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%.

Surgeries performed with type of Anesthesia

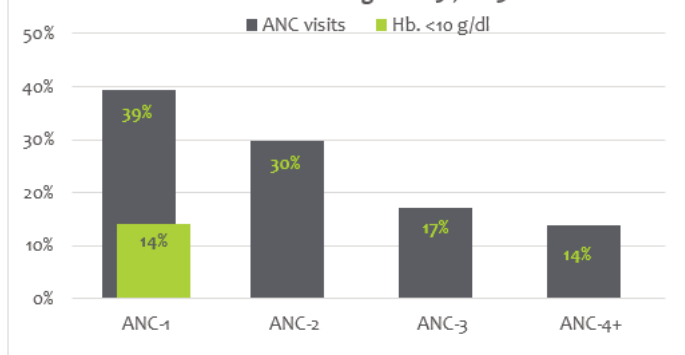


## Surgeries with type of Anesthesia:

Throughout 20,468 surgeries, various anesthesia methods were employed. General anesthesia (GA) was used in 18% (3,631) of surgeries, while local anesthesia (LA) was 49% (10,142). Spinal anesthesia contributed to 27% (5,556) of procedures, with 6% (1,139) involving other alternative anesthesia methods.

## MNCH Services

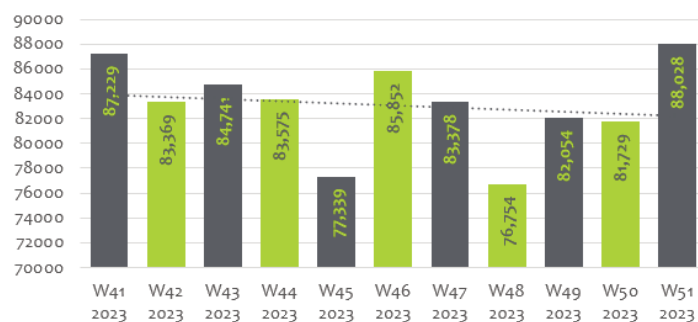
ANC Visits during week 51, 2023



## ANC Detail:

Among the total 2,23,625 ANC visits this week, ANC-1 constituted 39% (88,028) with 14% (12,540) showing Hb<10g/dl, while ANC-2, ANC-3, and ANC-4 comprised 30% (66,485), 17% (38,240), and 14% (30,872) respectively.

Weekly Comparative Analysis of ANC-1 Visits

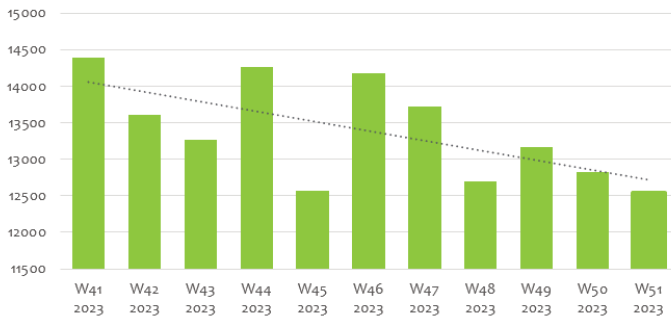


## Weekly Comparative Analysis of ANC-1 Visits

In Week 51, there was a notable 8% marginal increase in ANC-1 visits compared to the preceding week, Week 50. This increase is particularly noteworthy given the prevailing declining trend observed in ANC-1 visits in recent weeks. Notably, Week 51 represented the peak in recorded ANC-1 visits, indicating a significant shift in attendance patterns.

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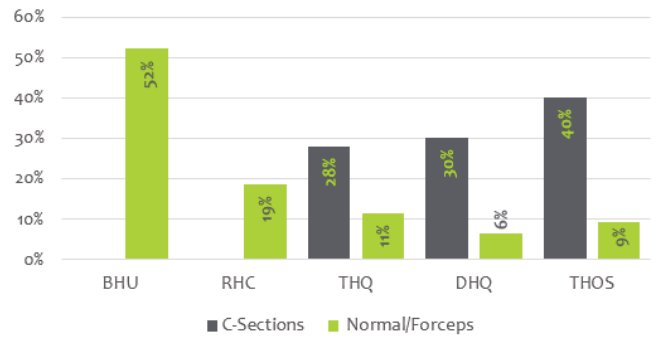
Weekly Burden of Anemia in Pregnancy Among Women Attending the Health Facilities during ANC-1



## Weekly Burden of Anemia (Hb<10g/dl) in Pregnancy Among Women Attending the Health Facilities during ANC-1:

The graphical study illustrating the weekly analysis of women with Hb<10g/dl revealed a 2% decline during this week compared to Week 50. Moreover, it's significant that from Week 41 to Week 51, there has been a consistent declining trend in the data.

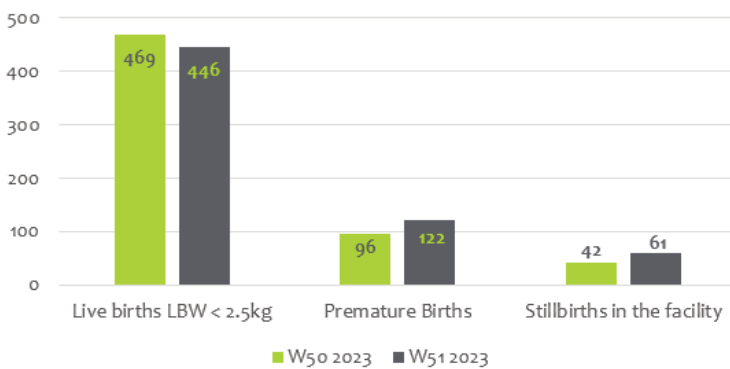
%age of Deliveries conducted by Health Facility type-wise during week 51, 2023)



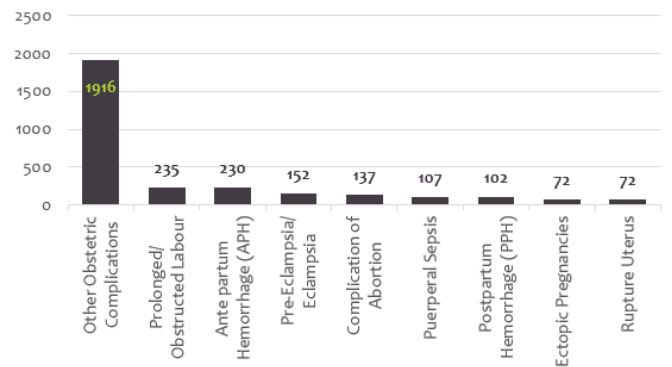
## Deliveries by Health Facilities types wise:

Out of the total 25,940 deliveries, BHU accounted for 52% of normal/forceps deliveries, while THOS handled 40% of C-sections. It's important to note that these percentages are based on deliveries within healthcare facilities.

Comparitive Analysis



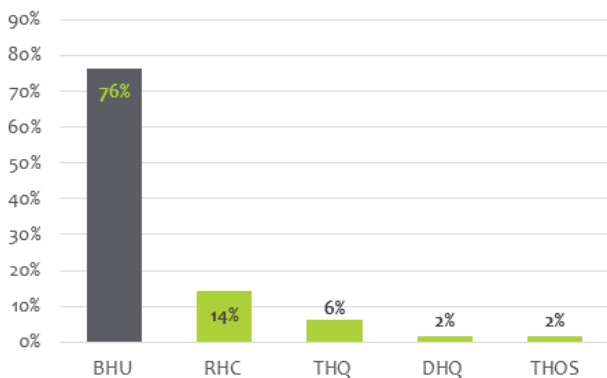
Maternal Complications in Obstetrics: Inpatient Admissions, Week 51, 2023



## Live Births and Maternal Deaths:

This week, we tragically recorded 14 maternal deaths, with one attributed to complications from Puerperal Sepsis. Additionally, out of the 25,485 total live births, 4% (1,017 newborns) did not survive due to complications during childbirth.

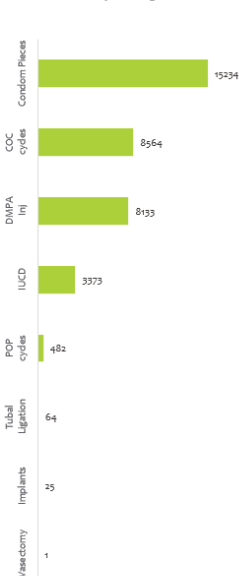
Family Planning Visits by Health Facility type wise week 51, 2023



## Family Planning by Health Facility type wise:

This graph illustrates the distribution of FP visits across different Health Facility types. The largest share, comprising 76% of the total visits, took place in BHUs, followed by RHCs at 14%, THQs at 6%, DHQs at 2%, and THOS at 2%.

Method wise Family Planning week 51, 2023



Week wise FP Visits

