



DIRECTORATE GENERAL HEALTH SERVICES PUNJAB-LAHORE



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



DHIS2 Weekly Bulletin (Week 50, December 11-17, 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 praiseworthy 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)

Key Takeaways:

In Week 50 of 2023, a detailed 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 50 stood impressively high at 97%. The total number of Outpatient Department (OPD) visits during this week reached 22,27,517, signifying a 3% decrease compared to the previous week's 22,94,730 visits in Week 49. 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 1,023/day visits. The highest number of OPD visits were reported in District Lahore (1,82,106) followed by Faisalabad (1,72,399), and Multan (1,28,410) during Week 50.

Analyzing OPD age and gender demographics, females constituted 54% of visits while males accounted for 46%. The majority of patients, spanning ages 15 to 49, comprised the largest age group.

Regarding documented diseases in DHIS-2 during Week 50, 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.

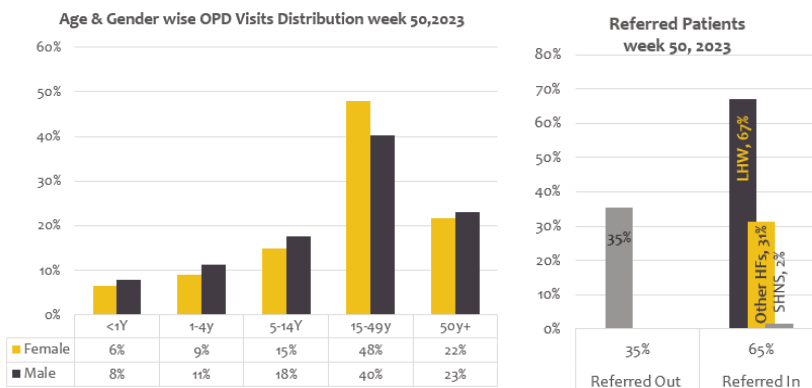
Additionally, indoor admissions totaled 1,09,410, with 60% admitted due to specific diseases. Surgeries with anesthesia numbered 20,498, with 17% utilizing General Anesthesia (3,561), 50% involving Local Anesthesia (10,330), 27% employing Spinal Anesthesia (5,520), and 5% utilizing other alternative anesthesia methods (1,103).

In the field of Maternal and Child Health in Punjab, there were a total of 213,880 ANC visits. Among the 81,718 women, 16% (12,822) reported having Hb levels below 10g/dl during ANC-1. A week-wise comparative study highlighted anemic women. Out of 25,594 deliveries, 80% were normal, 20% were C-sections, and only 0.1% involved Vacuum/Forceps deliveries. Maternal complications in obstetrics were visualized through a bar graph. Among the 25,315 live births, 2% had Low Birth Weight (<2.5 kg), 0.4% were premature, and 4% (1,000) faced complications leading to infant mortality.

Moreover, 48,234 Family Planning (FP) visits were recorded during the week, with 77% occurring in BHUs. Districts Faisalabad, Lahore and Rahimyar khan recorded the highest FP visits, with 4,280, 2,659, and 2,587FP visits, respectively.

The week's data not only serves as a snapshot of the current state of healthcare but also as a guide for future improvements and innovations in the pursuit of better public health outcomes.

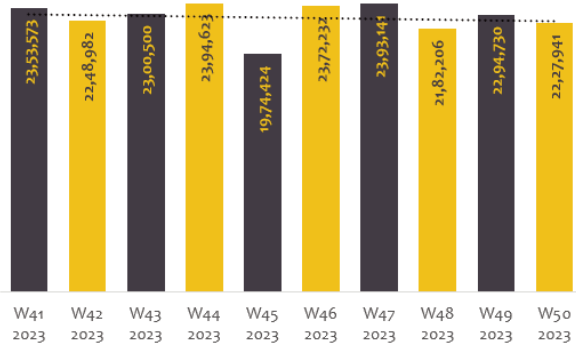
Out Patient Data



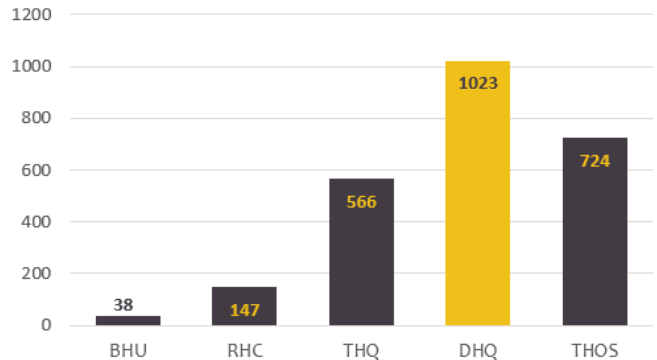
Total OPD 22,27,517 visits were recorded in this week there were more females (54%) visits than that of males (46%). As is presented in the graph, the maximum number of patients belonged to age group (15-49) y

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Total OPD Visits Weekly Comparison



Average OPD perday Visits during week 50,2023



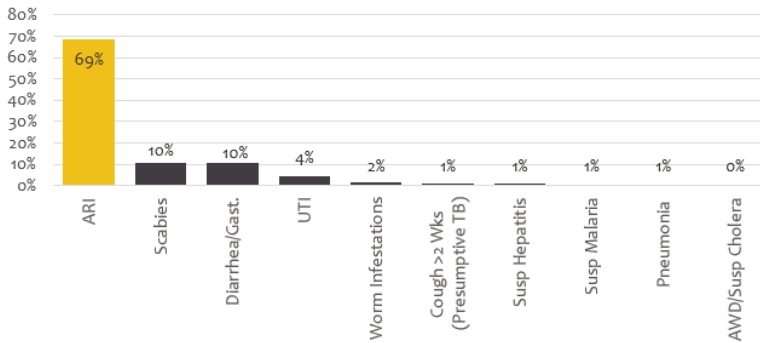
OPD Visits Week Wise Comparative Analysis:

Week wise comparative analysis, during week 44, the peak number of OPD visits reached 23,94,623, the highest compared to other weeks. However, in the most recent week, week 50, there was a 3% decrease in OPD visits compared to the previous week, week 49.

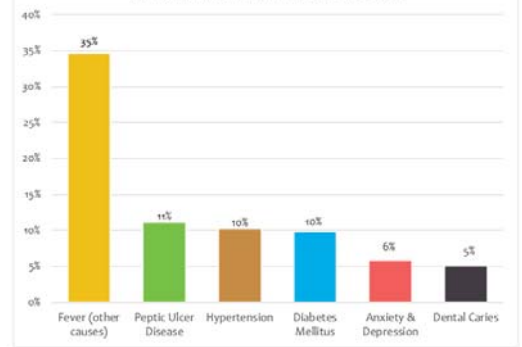
Average OPD per day visits:

In the assessment for week 50, the analysis showcased that, according to the bar chart, DHQ facilities stood out with the highest daily average of 1,023 OPD visits among various facility type.

Top 10 Communicable diseases week 50, 2023



Top 6 Non Communicable Diseases week 50, 2023



Communicable and Non-Communicable Diseases:

The data from Week 50 in 2023 from Punjab highlighted significant cases of major communicable diseases. Acute Respiratory Infection (ARI) stood out, constituting 69% of cases, followed by Scabies and Diarrhea/Gastrointestinal issues at 10%. Con-

versely, the highest percentage for Non-Communicable Diseases was Fever due to unknown causes at 35%, followed by Peptic Ulcer and Hypertension at 11% and 10%, respectively.

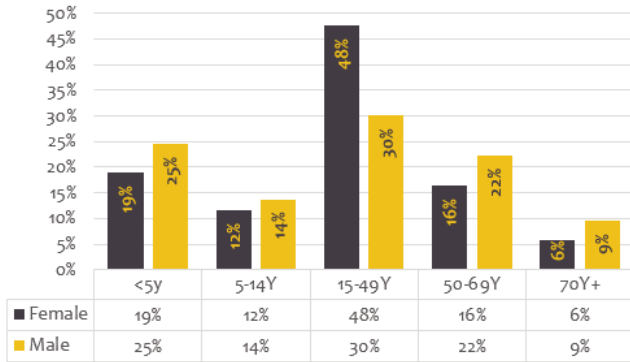
*These percentages were derived from patients visiting the OPD for communicable and non-communicable diseases during that period.

Suspected OPD DISEASE WISE NEW CASES WEEK 50 OF THE YEAR 2023

sr.	Respiratory Diseases										
1	Acute respiratory infections (ARI)	5,30,483	21	Susp Naegleria	0	39	Susp Bloody Diarrhea/Dysentery	1,935	56	Hypertension	51,505
2	Susp Pneumonia	4,000	22	Susp HIV/AIDS	43	40	Susp Enteric / Typhoid Fever	3,123	Psychiatric Diseases		
3	Susp Cough >2 Wks (Presumptive TB)	9,528	Skin Diseases			41	Worm Infestations	12,611	57	Anxiety & Depression	7,845
4	Chronic Obstructive Pulmonary Dis	7,654	23	Susp Scabies	80,668	42	Peptic Ulcer Disease	55,764	58	Epilepsy	1,055
5	Asthma	29,710	24	Susp Dermatitis	20,553	43	Chronic Liver Dis	1,172	59	Drug Dependence	559
			25	Susp Cutaneous Leishmaniasis	2	Oral Diseases			Occupational Lung Diseases		
	Communicable Diseases		Sexually Transmitted Infection			44	Dental Caries	25,666	60	Susp Silicosis	0
6	Susp Malaria	4,253	26	Urinary Tract Infection (UTI)	33,770	Eye & ENT			Injuries / Poisoning		
7	Susp Meningitis	18	27	Susp Syphilis	0	45	Cataract	4,355	61	Road Traffic Accidents	23,925
8	Susp dengue fever	1,395	28	Susp Gonorrhoea	0	46	Trachoma	842	62	Injuries	16,194
9	Susp Seasonal Influenza ILI	0	Vaccine Preventable Diseases/Hepatitis			47	Glaucoma	607	63	Fractures	2,825
10	Susp Chicken Pox	12	29	Susp Hepatitis	6,011	48	Otitis Media	11,560	64	Burns	913
11	Susp Viral Hemorrhagic Fever (CCHF)	0	30	Susp Measles	14	49	Acute Conjunctivitis	1,694	65	Dog bite	4,111
12	Susp Chikungunya	0	31	Susp Neonatal Tetanus	0	Cancer Diseases			66	Snake bite	16
13	Fever (other causes)	1,74,329	32	Susp Acute Flaccid Paralysis (AFP)	19	50	Susp Lung Cancer	39	Neurological/ Neurosurgical		
14	Susp Anthrax	0	33	Susp pertussis	0	51	Susp Breast cancer	42	67	CVA Stroke	127
15	Susp Brucellosis	0	34	Susp diphtheria	1	52	Susp Prostate cancer	0	68	Heat Stroke	52
16	Susp Leprosy	0	35	Susp Corona Virus	0	Endocrine Disorder			Unusual Diseases (Specify)		
17	Susp Rubella (CRS)	0	36	Susp Mumps	13	53	Diabetes Mellitus	49,471	69		
18	Susp SARI	0	Gestro Intestinal Diseases			54	Goiter	780			
19	Susp Cervical Cancer (HPV)	62	37	Susp Diarrhea/Gastroenteritis	79,769	Cardiovascular Diseases					
20	Susp Monkey Pox	0	38	Acu Watery Diarrhea/Susp Cholera	3,149	55	Ischemic Heart Dis		Chart Area		

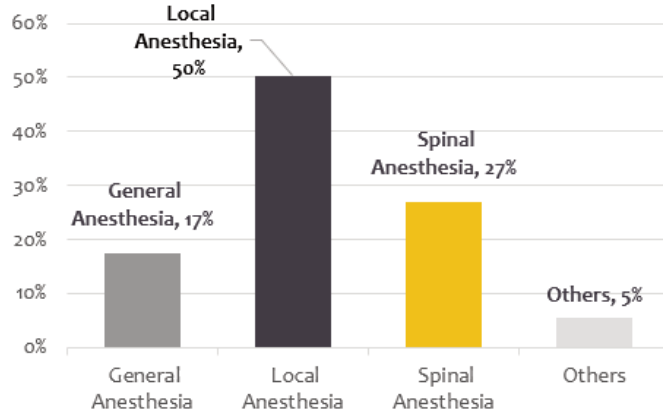
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Age and Gender wise Indoor Admission Week 50,2023



Age and Gender Wise Analysis:

Total indoor 1,09,410 patients were admitted during current week, out of which 60% 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 30%.

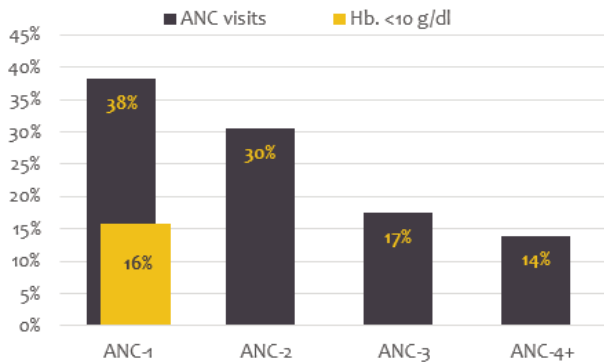


Surgeries with type of Anesthesia:

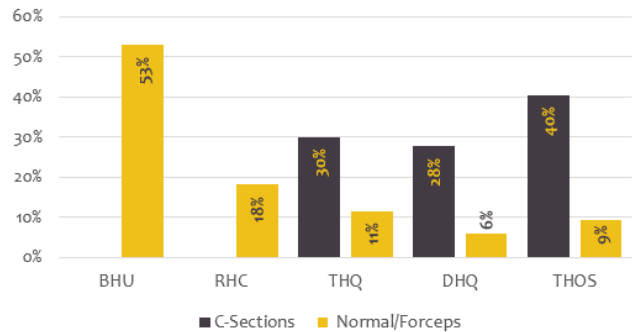
Throughout 20,498 surgeries, various anesthesia methods were employed. General anesthesia (GA) was used in 17% (3,432) of surgeries, while local anesthesia (LA) was 51% (10,581). Spinal anesthesia contributed to 26% (5,320) of procedures, with 6% (1,165) involving other alternative anesthesia methods.

MNCH Services

ANC visits during week 50, 2023



Deliveries conducted by Health Facility type-wise week (50, 2023)



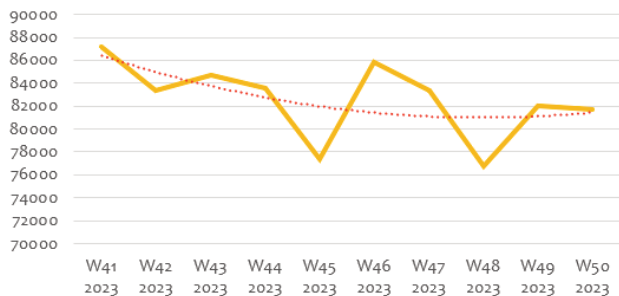
ANC Detail:

Among the total 2,13,880 ANC visits this week, ANC-1 constituted 38% (81,718) with 16% (12,822) showing Hb<10g/dl, while ANC-2, ANC-3, and ANC-4 comprised 30% (65,183), 17% (37,241), and 14% (29,738) respectively.

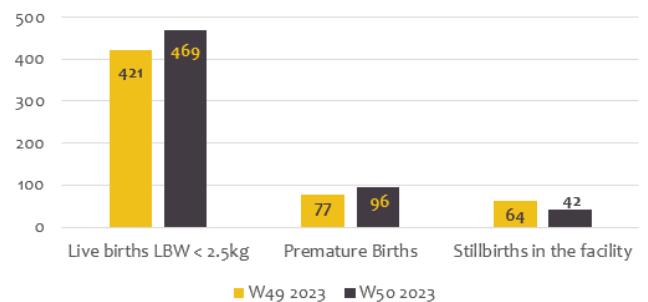
Deliveries by Health Facilities types wise:

Out of the total 25,594 deliveries, BHU accounted for 53% 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.

Weekly Comparative Analysis of ANC-1 Visits

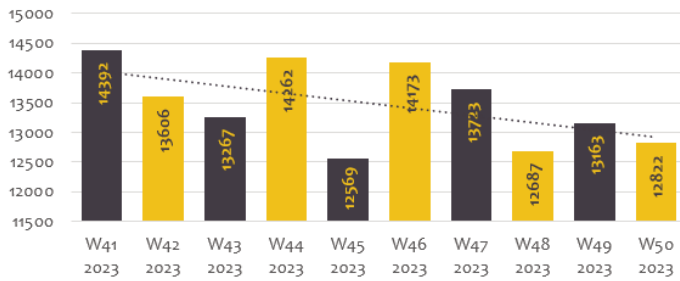


Comparative Analysis of Live Birth LBW<2.5, Premature Birth and Still Birth with previous week



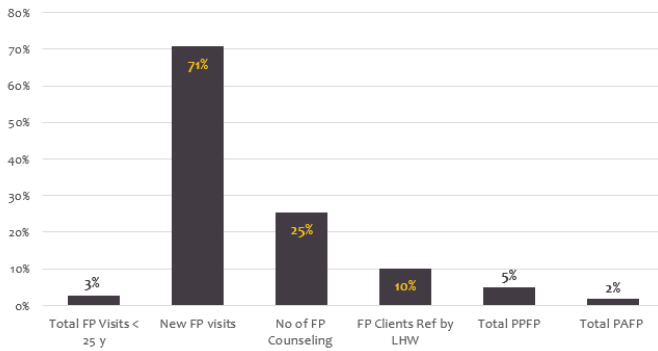
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Weekly Comparative Study of Anemia in ANC-1 Women



Weekly Comparative Study of Anemia (Hb<10g/dl) in ANC-1 Women: The graphical study depicting the weekly analysis of women with Hb<10g/dl revealed a 3% decline during this week compared to Week 49.

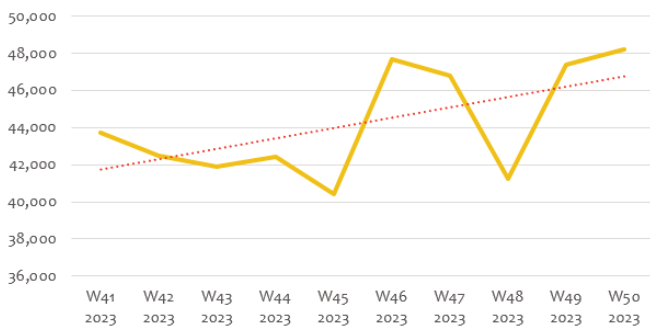
Services wise FP Client visits Week 50, 2023



Family Planning:

In the 50th week of 2023, there were 48,234 family planning visits. Of these, 3% (1,231) were by women under 25 years old. Among these visits, 71% (34,129) were from new clients. Family planning counseling accounted for 25% (12,250) of visits, with 85% (10,421) being new clients and 15% (1,829) returning. 10% (4,850) were referrals by LHWs. Postpartum family planning (PFPF) visits made up 5% (2,410), with 4% (88) by women under 25 years old. Finally, Post-Abortion Family Planning (PAFP) visits were 2% (826), with 4% (40) made by women under 25.

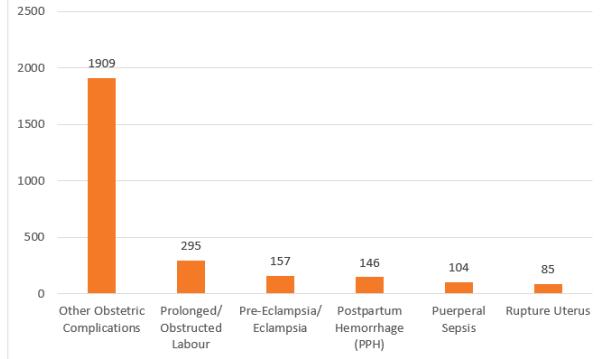
Week wise FP visits Comparison



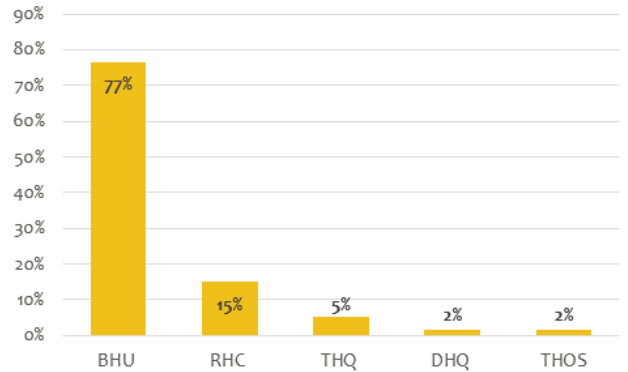
Week wise Family Planning Visits:

In the current week, Family Planning visits exhibit a positive trend, experiencing a 2% increase from the previous week (Week 49). Notably, this week records the highest number of FP visits. The overall trend, as reflected in the line graph, indicates an upward trajectory.

Maternal Complications in Obstetrics: Inpatient Admissions, Week 50, 2023



Family Planning Visits by Health Facility type wise week 50, 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 77% of the total visits, took place in BHUs, followed by RHCs at 15%, THQs at 5%, DHQs at 2%, and THOS at 1%.

Sr#	Babies Initiated with KMC Services	Total	Sr#	Information on KMC Outcome	Total
1	No. of Babies initiated with KMC Services	55	1	No. of Babies received KMC & discharge as per protocol	46
2	No. of Babies born in Facility initiated KMC Services	68	2	No. of Babies received KMC & discharge on request	15
3	No. of Babies born outside the Facility received KMC Services	36	3	No. of Babies initiated KMC & referred / discontinued due to complication	12
			4	No. of Babies die during KMC	12