

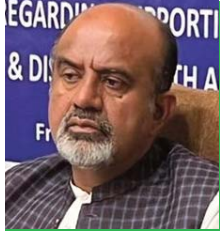


DIRECTORATE GENERAL HEALTH SERVICES PUNJAB-LAHORE

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DHIS2 Weekly Bulletin (Week 47, November 20-26, 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

The comprehensive analysis of Week 47, 2023, Exploring important information from our data report, this analysis uses tables and graphs to show key trends and essential indicators. The reporting compliance for Week 47, 2023, across all 36 Districts reached an impressive 96%. This marks an increase from the previous week's reporting rate. The total number of OPD visits during Week 47 of 2023 reached 2,342,749 visits. This indicates a slight increase of 0.4% compared to the previous week, which recorded 23,33,196 visits in Week 46, while 96% are new OPD patients and only 4% are follow up visits in current week. The average OPD per day visits in Facility types wise was higher in THOS i.e. (1,091/day visits). The highest number of OPD visits were conducted in District Lahore (2,40,986) followed by Faisalabad (2,10,203) and Multan (1,25,978) during the period of week 47. In age and gender wise analysis Females accounted for 54% of visits, while males accounted for 46%. The majority of patients in this context fell within the age range of 15 to 49 years old.

In Week 47 of 2023, a total of 68 diseases were documented in DHIS-2, constituting 55% of all patient cases. Among these reported illnesses, 59% were communicable diseases, while 41% were non-communicable, focusing on prioritized diseases. To offer a visual representation, graphs and tables were utilized to showcase the top 10 communicable diseases.

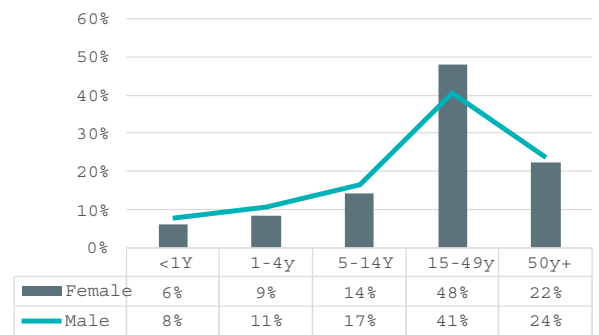
This week, there were 1,13,276 indoor admissions, with 60% of patients admitted due to specific diseases. Among the total 21,737 surgeries conducted with anesthesia, 17% utilized General Anesthesia (GA), while 51% involved Local Anesthesia (LA), 27% employed Spinal Anesthesia and 6% involving other alternative anesthesia methods.

Total ANC (2,17,923) visits were recorded in the Punjab, out of total ANC-1 (n= 82,628) women 16% were reported with Hb<10g/dl. Total deliveries 26,768 was conducted in Punjab, during current week, 79% Normal deliveries, 20% C-Section and only 0.2% were Vacuum/Forceps Out of total live births i.e., 26,270, 2% babies were born with LBW <2.5 kg and 0.4% were Premature Births.

During this week, a total of 46,067 FP visits were recorded. Among these visits, the highest, comprising 76%, occurred in BHUs. Specifically, Districts Faisalabad, Lahore, and Rahimyar Khan recorded the highest FP visits, with 3,842, 2,763, and 2,667 visits, respectively.

Out Patient Data

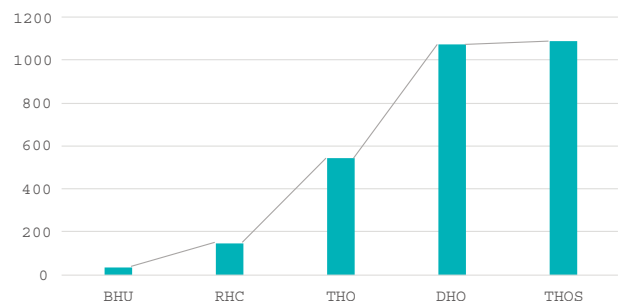
Age and Gender wise OPD Attendance week 47



Age and Gender Wise Analysis:

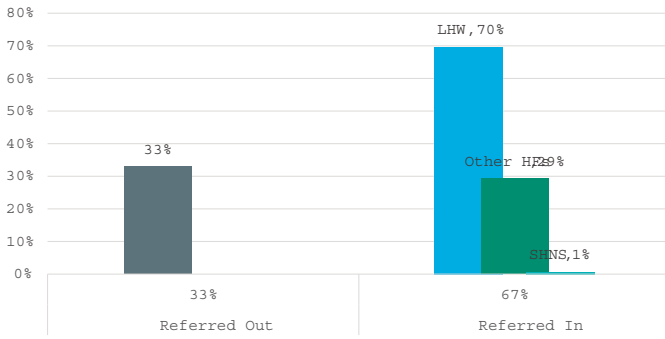
Total OPD 23,42,749 visits were recorded in this week there were more females (54%) visits than that of males (46%). As is presented in the graph, the maximum number of patients belonged to age group (15-49y).

Average OPD perday Visits during week 47, 2023



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Bar Graph of Referred Patients week 47,2023



Referred patients:

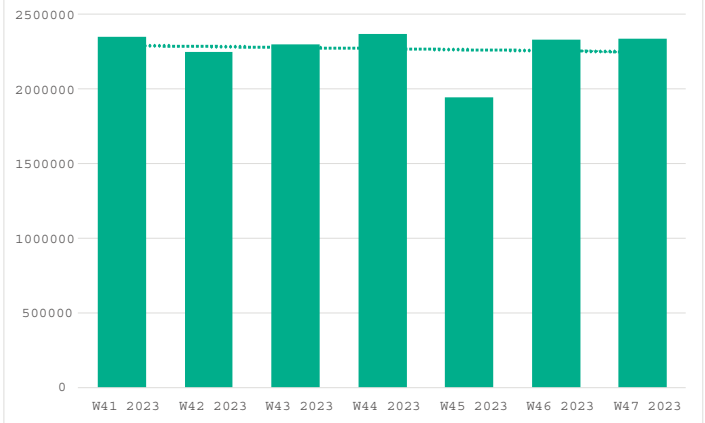
Total Referred Patients 4,242 patients in total.

Outgoing Referrals: 33% (1,379) of the referred patients were referred out to other healthcare facilities or institutions.

Incoming Referrals: 67% (2,863) of the referred patients were referred into the healthcare facility from other sources.

Source of Referrals: 70% referred from LHW, 1% patients referred from SHNS, 29% from other HF (Health Facilities).

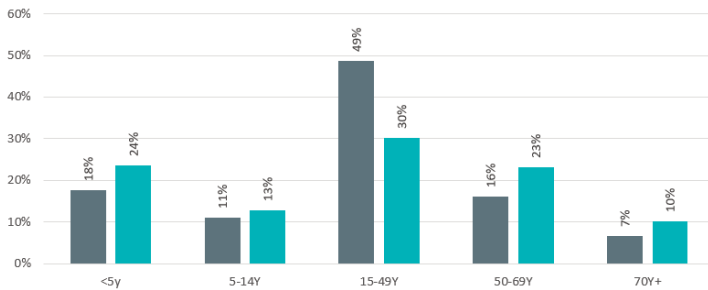
Total OPD Visits Weekly Comparison



OPD Visits Week Wise Comparison:

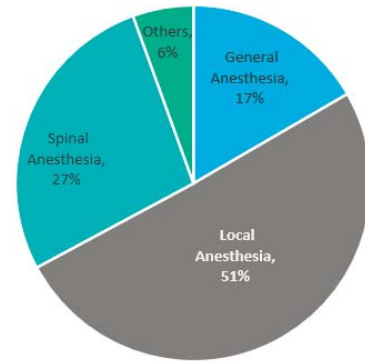
In week 44, the highest number of OPD visits, totaling 23,75,270, were recorded compared to other weeks. Furthermore, there was a slight increase of 0.4% OPD visits in the current week in comparison to the previous week 46.

Age and Gender wise Indoor Admission Week 47,2023



Age and Gender Wise Analysis:

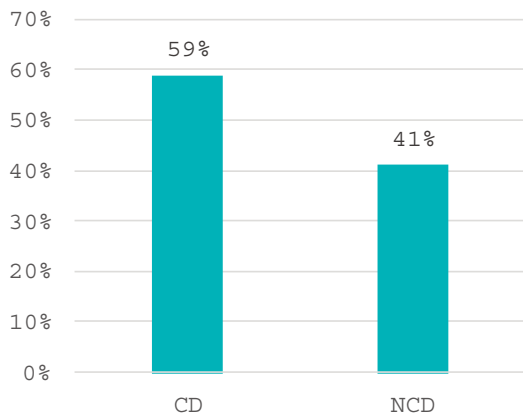
Total indoor 1,13,276 patients were admitted during current week, out of which 60% patient disease wise admitted only 1% was Referred 3% indoor deaths were occurred in this week. Age and gender wise analysis the highest number of patients were under the age group (15-49) yr. The percentage of female patients in this age group were 49% and male were 30%.



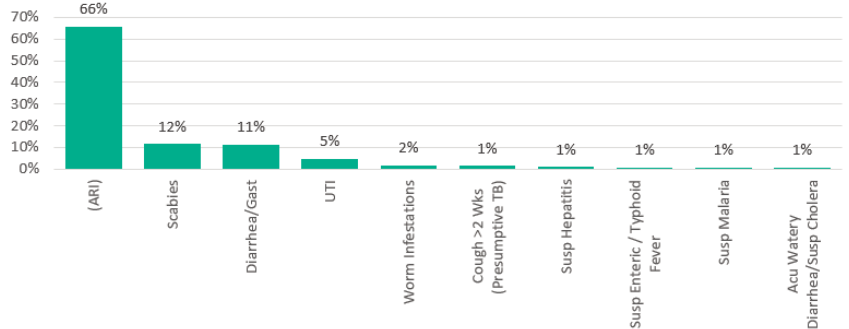
Surgeries with type of Anesthesia:

Throughout 21,737 surgeries, various anesthesia methods were employed. General anesthesia (GA) was used in 17% of surgeries, while local anesthesia (LA) was 51%. Spinal anesthesia contributed to 27% of procedures, with 6% involving other alternative anesthesia methods.

Communicable Diseases (CD) vs Communicable diseases (NCD) Week 47, 2023



Top 10 Communicable diseases week 47,2023



Communicable Diseases:

week 47 data from Punjab in 2023 highlighted major communicable diseases. Acute Respiratory Infection (ARI) stood out, constituting 66% of cases. Scabies and Diarrhea/Gast issues followed at 12% and 11% respectively, with Urinary Tract Infection (UTI) at 5%. These percentages were based on patients visiting the Outpatient Department for communicable diseases during that period.

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SUSPECTED OPD DISEASE WISE NEW CASES WEEK 47 OF THE YEAR 2023

Districts	Acu Watery Diarrhea&Susp Cholera	Acute Conjunctivitis	Acute respiratory infections (ARI)	Anxiety & Depression	Asthma	Bloody Diarrhea/Dysentery	Breast cancer	Burns	CVA Stroke	Cataract	Chicken Pox	Chikungunya	Chronic Liver Dis	Chronic Obstructive Pulmonary Dis	Cough > 2 Wks (Presumptive TB)	Cutaneous Leishmaniasis	Dental Caries	Dermatitis	Diabetes Mellitus	Diarrhea/Gastroenteritis	Dog bite	Drug Dependence	Epilepsy	Fever (other causes)	Fractures	Glaucoma	Goler	Heat Stroke	Hypertension	Injuries	Ischemic Heart Dis	Lung Cancer	Monkey Pox (Suspected)	Mumps	Other Unusual Disease
Total	4,041	2,465	501,600	9,232	30,664	2,092	28	1,079	556	5,965	11	-	2,687	8,611	10,669	1	28,802	24,515	54,542	85,491	4,095	702	1,563	171,875	3,897	1,145	818	53,180	17,938	11,578	-	-	-	-	

SUSPECTED OPD DISEASE WISE NEW CASES WEEK 47 OF THE YEAR 2023

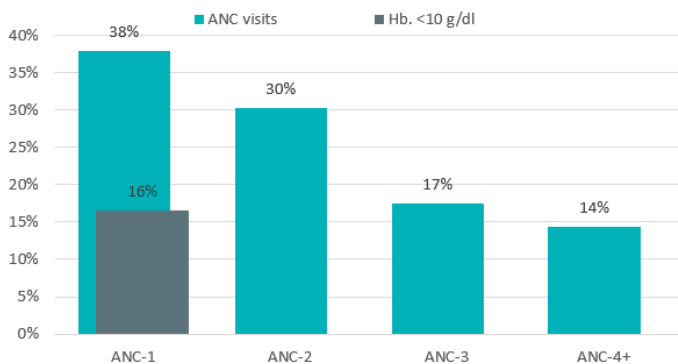
Districts	Otitis Media	Peptic Ulcer Disease	Pneumonia	Prostate cancer	Road Traffic Accidents	Scabies	Seasonal Influenza I/LI	Silicosis	Snake bite	Susp Acute Flaccid Paralysis (AFP)	Susp Corona Virus	Susp Enteric / Typhoid Fever	Susp HIV/AIDS	Susp Malaria	Susp Measles	Susp Meningitis	Susp Neonatal Tetanus	Susp Viral Hemorrhagic Fever (CCHF)	Susp dengue fever	Susp diptheria	Susp pertussis	Suspected Anthrax	Susp Brucellosis	Susp Cervical Cancer (HPV)	Susp Gonorrhoea	Susp Hepatitis	Susp Leprosy	Susp Naegleria	Susp Rubella (CRS)	Susp SARI	Susp Syphilis	Trachoma	Urinary Tract Infection UTI	Worm Infestations
Total	13,226	57,447	3,410	7	26,414	88,210	30	-	27	7	-	4,778	10	4,487	9	48	-	-	1,818	-	-	-	-	17	-	7,338	-	-	-	-	-	904	35,376	13,721

DISEASE WISE INDOOR ADMISSION WEEK 47 OF YEAR 2023

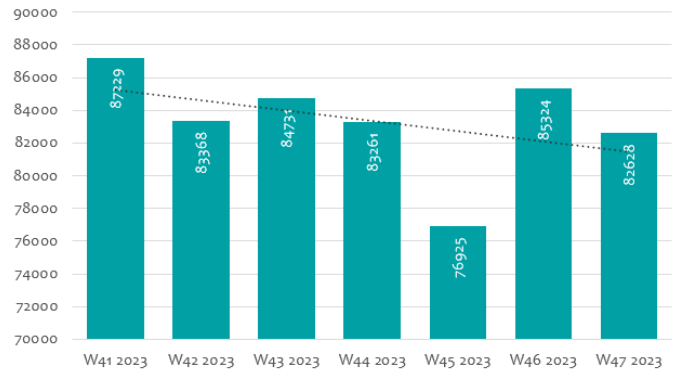
Acu Appendicitis	488	Confirmed Monkey Pox	0	Hyperplasia of Prostate	108	Puerperal Sepsis	150
Acu Flaccid Paralysis (AFP)	8	Congestive Cardiac Failure	1,081	Hypertension	2,927	Pulmonary Tuberculosis	649
Acute Watery Diarrhea / Cholera	828	Corneal Opacity	95	Inflam.Female Pelvic Organs	287	Rabies	68
Allergic Conjunctivitis	63	Corona Virus Dis (COVID)	0	Ischemic Heart Disease (IHD)	2,369	Rupture Uterus	58
Anti Partum Hemorrhage (APH)	248	DNS	60	Malaria	88	Seasonal Influenza I/LI	26
Arthropathies	577	Dengue fever	507	Measles	103	Silicosis	0
Asthma	2,296	Diabetes Mellitus	2,302	Meningitis	269	Skin Cancer	7
Bloody Diarrhea/Dysentery	267	Diarrhea	12,409	Neonatal Tetanus	1	Sus Enteric / Typhoid Fever	2,722
Breast Cancer	45	Diphtheria	6	Other Diseases	19,918	Urolithiasis	172
Burns	386	Drug Abuse	89	Other Obstetric Complications	2,068	Uterine Prolapse	49
CVA Stroke	1,077	Ectopic Pregnancies	71	Pertussis	0	Valvular Heart Dis	328
Cataract	518	Extra Pulmonary Tuberculosis	114	Pneumonia	2,676	Vesico-Vaginal Fistula	175
Cholelithiasis / Cholecystitis	350	Fibroid Uterus	146	Postpartum Hemorrhage (PPH)	161	Hemorrhagic Fever (CCHF)	0
Chronic Liver Disease	1,254	Fractures	1,339	Pre-Eclampsia/ Eclampsia	182	Viral Hepatitis A	60
Chronic Obstructive Airways	1,031	Glaucoma	67	Probable Monkey Pox	0	Viral Hepatitis B	38
Chronic Otitis Media	105	Head Injury	872	Prolonged/ Obstructed Labour	295	Viral Hepatitis C	119
Chronic Renal Disease	2,598	Heat Stroke	0	Prostate Cancer	4	Viral Hepatitis E	0
Complication of Abortion	236	Hernias	456	Psychiatric Disorder	120		

MNCH Services

ANC visits during week 47,2023



Weekly Comparative Analysis of ANC-1 Visits



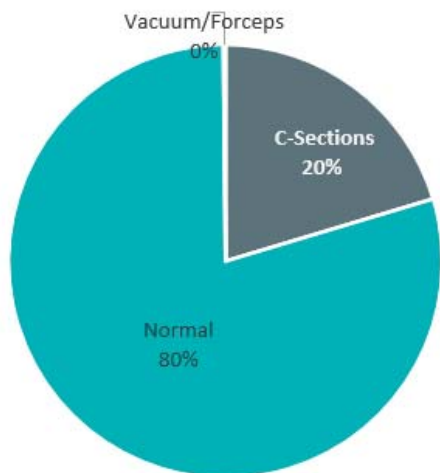
Weekly Comparative Analysis of ANC-1 Visits:

The comparison of ANC-1 visits with previous weeks reveals a noticeable decreasing trend. Week 41 was notable for having the highest recorded ANC-1 visits. However, in the current week (Week 47), there was a distinct 3% decrease in ANC-1 visits compared to the preceding Week 46

ANC Detail:

Total ANC 2,17,923 visits were conducted during this week, out of which 38% (82,628) were ANC-1 visits with 16% (13,631) of Hb<10g/dl, ANC-2 30% (66,007), ANC-3 17% (38,092) and ANC-4 14% (31,196).

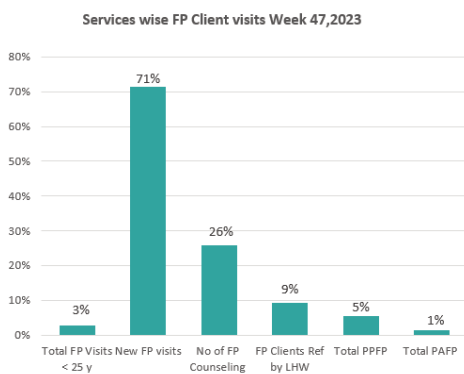
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Types of Deliveries:

During the current week in Punjab, a total of 26,768 deliveries were recorded. Of these, 79% were normal deliveries, 20% were C-sections, and a very small proportion (0.2%) involved vacuum/forceps.

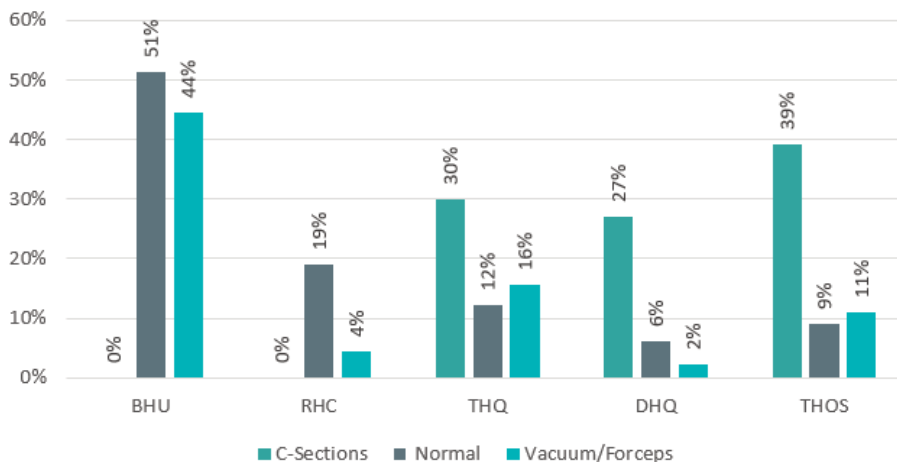
The highest number of normal deliveries occurred in District Faisalabad (n=1,586), Lahore (n=1,250), and Rahimyarkhan (n=1,246). Meanwhile, C-sections were primarily performed in Lahore (n=1,090) and Rawalpindi (n=351). However, vacuum/forceps-assisted deliveries were notably fewer, with Districts Lahore and Toba Tek Singh reporting 14 and 9 cases, respectively.



Family Planning:

In the 47th week of 2023, out of 46,067 family planning visits, 3% (1,262) were made by women under 25 years. Among these visits, 71% (1,262) were new clients. FP counseling made up 26% (11,904) of visits, with 85% (10,127) new clients and 15% (1,777) returning. 09% (4,304) were referred by LHW. Postpartum family planning (PFPF) visits were 5% (2,472), 4% (93) of which were by women < 25yr. Lastly, Post-Abortion Family Planning (PAFP) visits were 1% (614), with 7% (43) by women under 25.

Deliveries conducted by Health Facility type-wise week (47,2023)

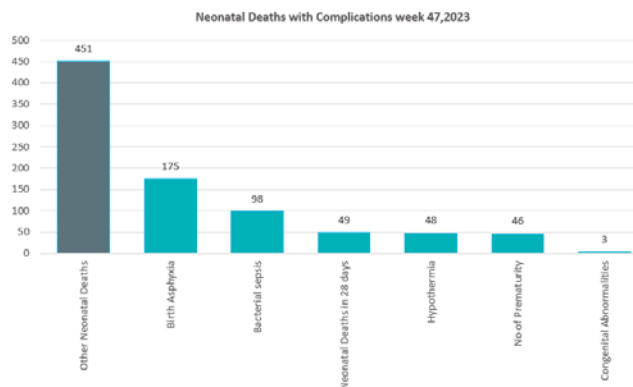


Deliveries by Health Facilities types wise:

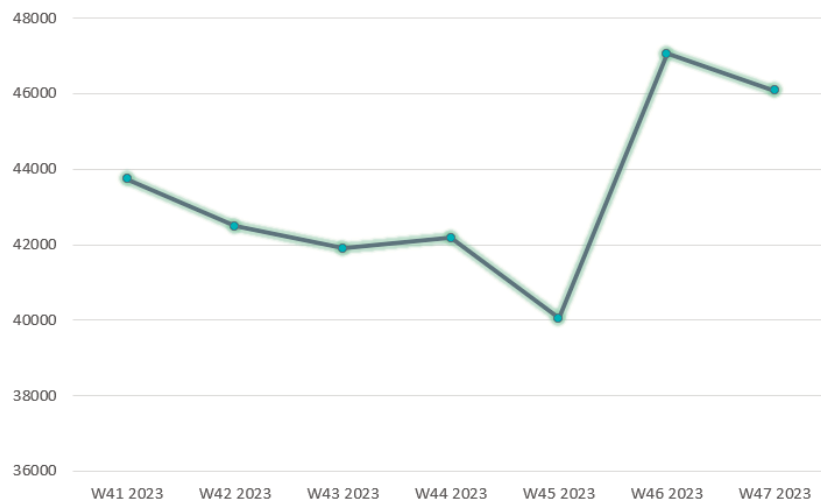
Out of the total 26,768 deliveries, BHU accounted for 51% of normal deliveries, THOS handled 39% C-sections, and BHU managed 44% of vacuum/forceps deliveries. These percentages are based on deliveries within healthcare facilities.

Maternal and Neonatal Deaths:

Throughout this week, there were 11 reported cases of maternal deaths. Specifically, one death resulted from Postpartum Hemorrhage (PPH). Additionally, complications led to 3% (870) Neonatal deaths among the total 26,270 live births.



Week wise FP visits Comparison



Week wise Family Planning Visits:

This graph represents the downward trend over Weeks 41 to 45, the notable increase in Week 46, and the subtle 2% decrease in Week 47 compared to Week 46. It's a line chart showing the fluctuations in the trend.