



DIRECTORATE GENERAL HEALTH SERVICES PUNJAB-LAHORE

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DHIS2 Weekly Bulletin (Week 30, July 22~28, 2024)



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)

Key Findings: Health Indicators Analysis:

During the 30th week of 2024, our data report underwent a thorough analysis, revealing invaluable insights. Through the careful examination of charts and graphs, key patterns and metrics were illuminated.

In Week 30 of 2024, the reporting compliance across all 36 Districts stood impressively high at 92%, reflecting an encouraging improvement from the prior week. The total number of OPD visits during Week 30 was impressively high, totaling 2,310,752 visits compared to the previous week's 1,379,351 visits in Week 29. Notably, new OPD patients comprised 96%, while follow-up visits accounted for 4%.

In terms of facility types, the average daily OPD visits were notably higher in THOS, with 1,119 visits per day. The highest number of OPD visits were reported in District Lahore, which led with 258,331 visits, closely followed by Faisalabad (189,339) and Multan (132,963) in terms of patient footfall.

In the analysis of OPD visits during Week 30th, there was a slight shift in gender distribution, with females representing 55% of visits and males 45%. Interestingly, the age distribution remained consistent, with the majority of visits coming from individuals aged between 15 and 49 years old.

This week, DHIS-2 documented a total of 68 diseases, encompassing 54% of all patient cases. Among the reported illnesses, communicable diseases constituted 55%, showcasing a slight increase,

whereas non-communicable diseases accounted for 45%.

Regarding healthcare procedures, this week saw a total of 124,979 indoor admissions recorded, with 61% of patients admitted due to specific diseases. A total of 22,929 surgeries were conducted with anesthesia, distributed as follows: General Anesthesia (GA) was used in 19% (42,88) of cases, Local Anesthesia (LA) in 51% (11,751), Spinal Anesthesia in 26% (6,014), and alternative anesthesia methods in 4% (876).

Within the maternal health domain, ANC visits totaled 230,377 in Punjab for Week 30, with ANC-1 (n= 80,117) reporting 16% (12,509) with Hb<10g/dl. Deliveries numbered 25,661, comprising 79% Normal deliveries, 21% C-Section, and 0.32% Vacuum/Forceps. Among the live births (25,184), 2% babies were born with LBW <2.5 kg, and 0.3% were Premature Births.

Tragically, 3% (821) of the babies faced specific complications and did not survive. We've also compiled data on Live Births with Low Birth Weight (LBW) under 2.5kg and Premature Births, comparing it with data from previous weeks. We've also tabulated data regarding Kangaroo Mother Care (KMC) for newborns to monitor its implementation and impact.

Moreover, 47,738 Family Planning (FP) visits were recorded during the week, with 75% occurring in BHUs. Districts Faisalabad, Chakwal and Sialkot recorded the highest FP visits, with 3,860, 3,650, and 3,558 FP visits, respectively.

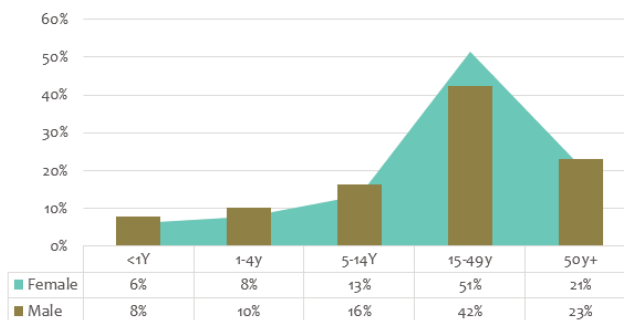
In Week 30, the overall indicators saw an upward trend compared to the previous week, signaling positive progress across reporting compliance, OPD visits, communicable diseases, ANC-1, deliveries and family planning visits.

Out Patient Data

Age and Gender Wise Analysis:

Total OPD 2,310,752 visits were recorded in this week there were more females (55%) visits than that of males (45%). The majority of patients in this context fell within the age range of 15 to 49 years old.

Distribution of OPD Visits by Age and Gender, Week 30, 2024

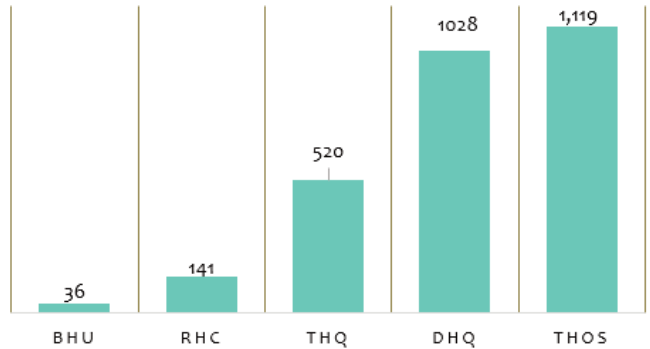


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Comparison of Total Outpatient Visits on a Weekly Basis



Average OPD perday Visits during week 30, 2024



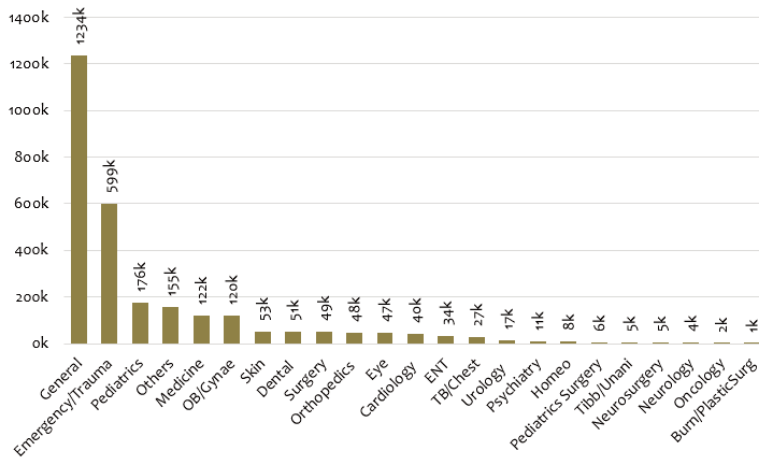
OPD Visits Week Wise Comparative Analysis:

During the week-wise comparative analysis of OPD visits over the past weeks, Week 30 stood out with the highest turnout, reaching 2,310,752 visits. This marked a 68% increase in OPD visits compared to the previous week, reflecting the impact of health facilities being closed in Week 29 due to Ashura holidays.

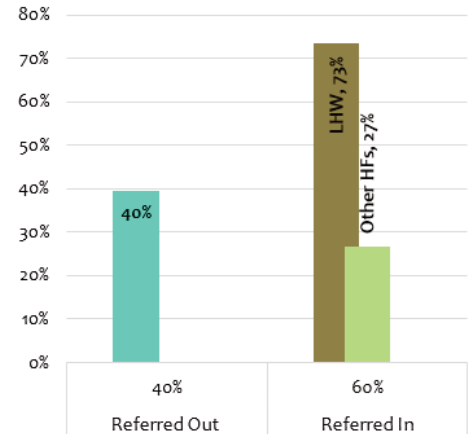
Average OPD per day visits:

In the assessment for week 30, the analysis showcased that, according to the bar chart, THOS facilities stood out with the highest daily average of 1,119 OPD visits among various facility type.

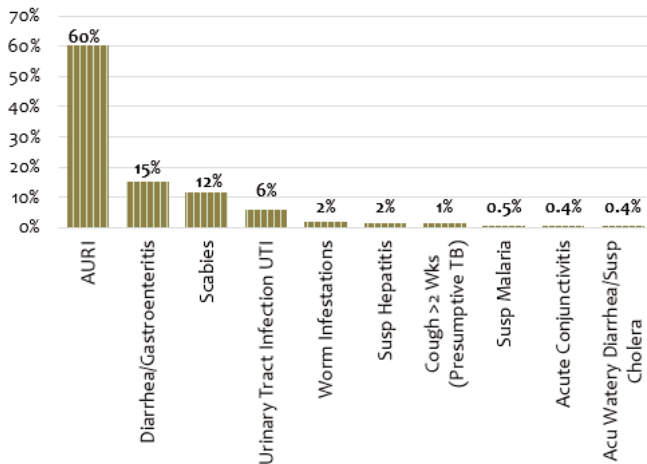
Speciality wise OPD new cases during week 30, 2024



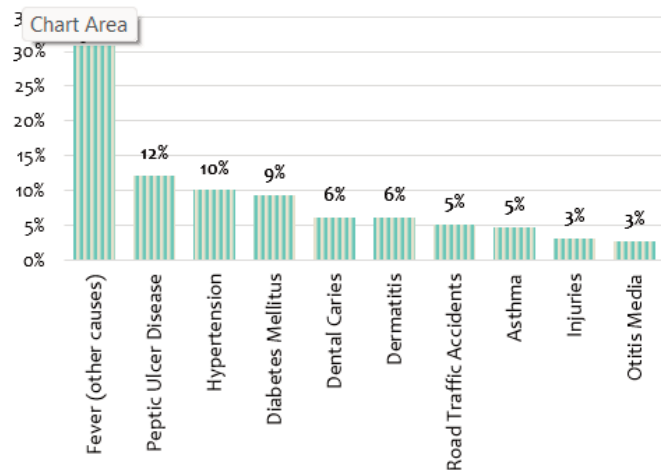
Bar Graph of Referred Patients week 30, 2024



Week 30, 2024: Leading Communicable Diseases



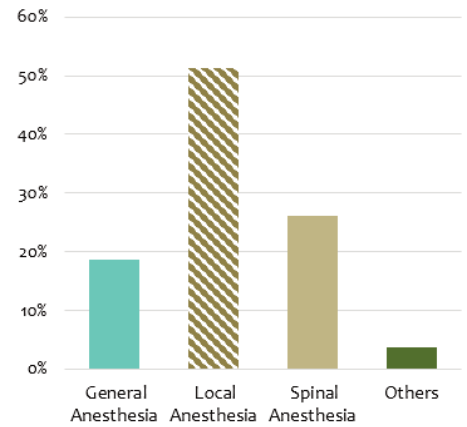
Week 30 2024: Leading Non-Communicable Diseases



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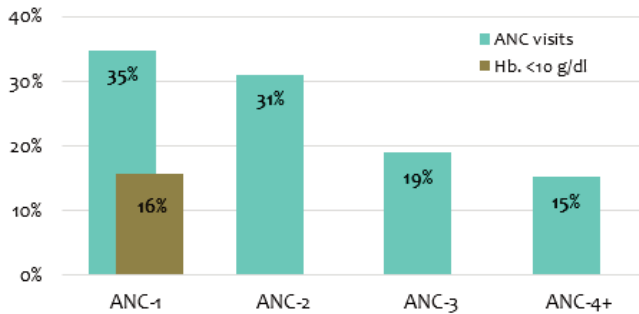
DISEASE WISE INDOOR ADMISSION WEEK 30 OF YEAR 2024								
sr.	Medicine	Communicable Diseases	Surgical					
1	Diarrhea	20,721	24	Dengue fever	49	43	Acu Appendicitis	675
2	Pneumonia	994	25	Diphtheria	1	44	Burns	269
3	Bloody Diarrhea/Dysentery	88	26	Meningitis	159	45	Cholelithiasis / Cholecystitis	426
4	Acute Watery Diarrhea / Cholera	880	27	Rabies	38	46	Hernias	610
5	Asthma	1,601				47	Hyperplasia of Prostate	66
6	Chronic Obstructive Airways	475		Neurological/Neurosurgical		48	Urolithiasis	110
7	Pulmonary Tuberculosis	367	28	CVA Stroke	777		Gynaecological	
8	Extra Pulmonary Tuberculosis	68	29	Head Injury	483	49	Fibroid Uterus	145
9	Sus Enteric / Typhoid Fever	1,687	30	Heat Stroke	4	50	Inflam. Diseases of Female Pelvic Organs (PID)	251
10	Diabetes Mellitus	1,859		Cardiac Diseases		51	Uterine Prolapse	73
11	Chronic Liver Disease	1,168	31	Congestive Cardiac Failure (CCF)	620	52	Vesico-Vaginal Fistula	108
12	Chronic Renal Disease	2,456	32	Hypertension	2,268		Obstetrics/Maternal Complications	
	Vaccine Preventable diseases/hepatitis		33	Ischemic Heart Disease (IHD)	1,872	53	Anti Partum Hemorrhage (APH)	204
13	Neonatal Tetanus	1	34	Valvular Heart Dis	215	54	Complication of Abortion	144
14	Acu Flaccid Paralysis (AFP)	9		Psychiatric Diseases		55	Ectopic Pregnancies	59
15	Measles	369	35	Drug Abuse	67	56	Postpartum Hemorrhage (PPH)	160
16	Malaria	17	36	Psychiatric Disorder	138	57	Pre-Eclampsia/ Eclampsia	157
17	Viral Hepatitis A	64		Eye		58	Prolonged/ Obstructed Labour	312
18	Viral Hepatitis B	48	37	Cataract	205	59	Puerperal Sepsis	113
19	Viral Hepatitis C	73	38	Chronic Renal Disease	2,456	60	Rupture Uterus	125
20	Viral Hepatitis E	5	39	Glaucoma	11	61	Other Obstetric Complications	2,340
	Cancer Diseases		40	Allergic Conjunctivitis	13		Orthopedic Diseases	
21	Silicosis	5		ENT		62	Arthropathies	255
22	Breast Cancer	51	41	Chronic Otitis Media	56	63	Fractures	1,161
23	Prostate Cancer	4	42	DNS	90	64	Other Diseases	28,678

Surgeries Categorized by Anesthesia Type: Week 30, 2024



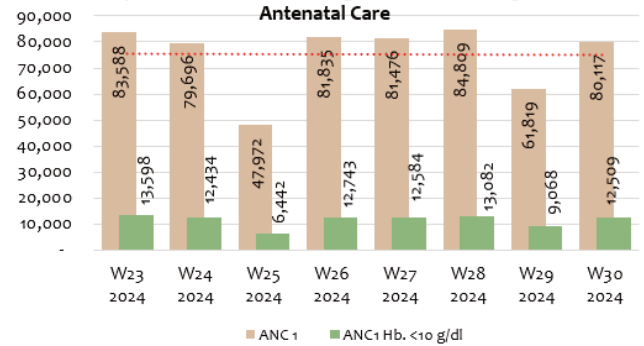
MNCH Services

ANC Observations - Week 30, 2024



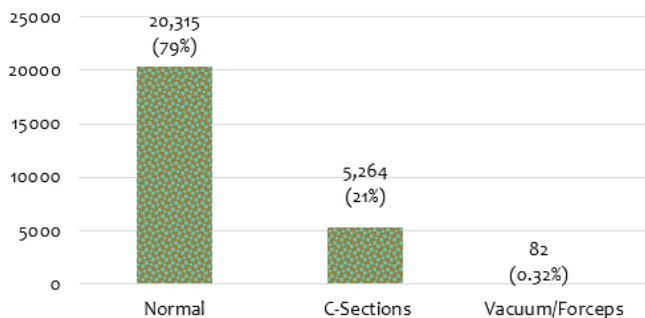
The trend analysis of pregnant women receiving their first antenatal services shows notable fluctuations over the observed weeks. Week 28 recorded the highest ANC-1 visits with 84,809 women. In the current Week 30, there was a

Comparison of Anemia Among Women Attending First Antenatal Care



significant 29.6% rise in ANC-1 visits compared to Week 29, increasing from 61,819 to 80,117. Additionally, the number of anemic women attending first antenatal care also rose over this period.

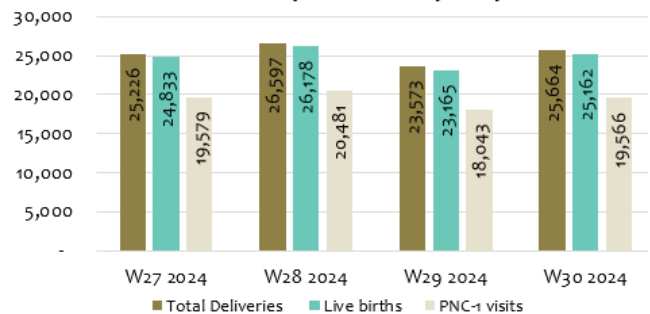
Distribution of Delivery Modes in week 30, 2024



Exploring Weekly Delivery Method Trends:

Out of a total of 25,661 deliveries, 79% were normal, 21% were C-sections, and only 0.32% involved the use of Vacuum/Forceps. Analyzing weekly patterns in delivery

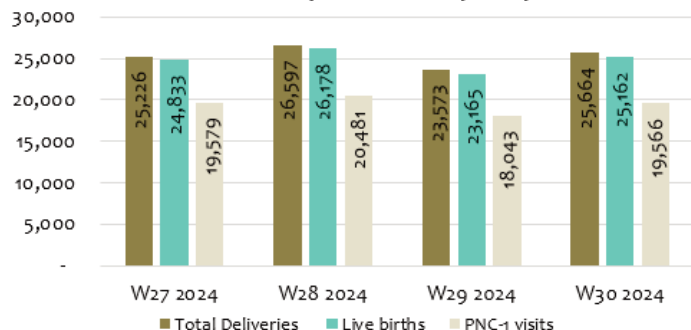
Total Deliveries Conducted, Live Births and PNC-1 Visits in HF Comparative weekly Analysis



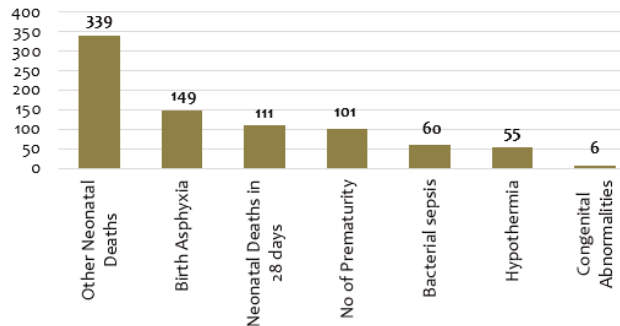
methods reveals that Week 28 experienced the highest number of deliveries. In the current Week 30, there was a remarkable 9% increase in deliveries compared to Week 29

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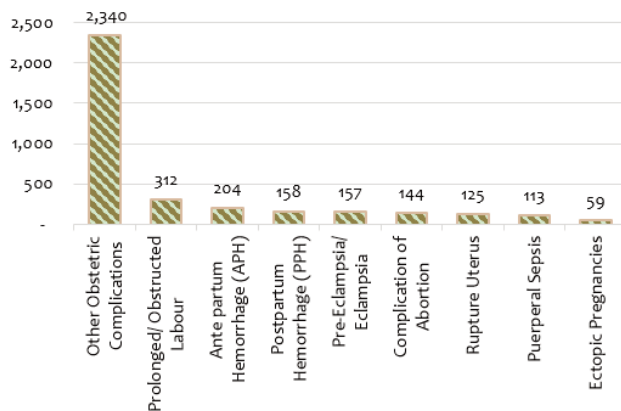
Total Deliveries Conducted, Live Births and PNC-1 Visits in HF Comparative weekly Analysis



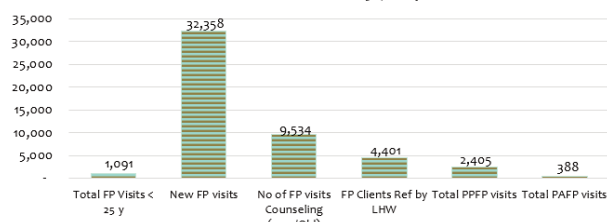
Neonatal Deaths with Complications week 30, 2024



Maternal Complications in Obstetrics: Inpatient Admissions, Week 30, 2023



Services wise FP Client visits week 30, 2024



Family Planning:

In the 30th week of 2024, there were 47,738 family planning visits. Of these, 2% (1,091) were by women under 25 years old. Among these visits, 68% (32,358) were from new clients. Postpartum family planning (PFPF) visits made up 5% (2,405), with 2% (48) by women under 25 years old. Finally, Post-Abortion Family Planning (PAFF) visits were 1% (388), with 5% (20) made by women under 25.

Kangaroo Mother Care (KMC) Newborn Indicators, week 30, 2024

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	50	1	No. of Babies received KMC & discharge as per protocol	35	1	No. of Babies received 1st follow-up	41
2	No. of Babies born in Facility initiated KMC Services	58	2	No. of Babies received KMC & discharge on request	11	2	No. of Babies received 2nd follow-up	10
3	No. of Babies born outside the Facility received KMC Services	22	3	No. of Babies initiated KMC & referred / discontinued due to complication	10	3	No. of Babies received 3rd follow-up	10
			4	No. of Babies die during KMC	10	4	No. of Babies received 4th follow-up	12

* Note: This Section is Only for DHQ's where KMC Project is implemented

Laboratory Investigation for Communicable Diseases (Month, July 2024)

Sr.	Viral Hepatitis & HIV	Sr.	Malaria	Sr.	T.B	AWD / Suspected Cholera		Dengue Screening						
1	Total screened Patients (Hepatitis)	334,423	1	Slides Prepared	80,822	1	No. of all type TB Cases Registered	15,753	1	Total Screened	2,985			
	1a) Hepatitis A +ve	159	2	Slides examined	64,746	2	No. of presumptive TB cases Identified	45,115	1a)	Tested Positive	57			
	1b) Hepatitis B +ve	15,431	3	Slides MP +ve	408	3	Presumptive TB Cases Undergoing Bacteriological Examination	37,736		Samples Collected	1021			
	1c) Hepatitis C +ve	29,868	4	Slides P. falciparum +ve	4	4	Presumptive TB Cases With Positive Bacteriological Result	4,064	2	2a) Samples Dispatched	616			
	1d) Hepatitis E +ve	354	5	Screened by RDT	11,649	5	Number of patients screened for Drug Resistant TB through Gene Xpert	20,920	2b)	Samples Positive	67			
2	No of RDT kits used for Hepatitis A	1,809	6	Falciparum +ve on RDT	286	6	Number of patients with Positive Drug Resistant TB results through Gene Xpert	1522	3	RDT Kits used for Cholera in detail of screen	50	3	RDT Kits for Dengue	1,330
3	No of RDT kits used for Hepatitis E	1305	7	V+ve on RDT	582				Measles					
4	Total screened Patients (HIV)	64,480	8	Mix Positive (+ve)	119				1	Samples Collected	438	2	Samples Positive	4
	4a) HIV Screened +ve	406							1a)	Samples Dispatched	254			