



DIRECTORATE GENERAL HEALTH SERVICES PUNJAB-LAHORE



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DHIS2 Weekly Bulletin (Week 22, 27 May~02 June, 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)

Highlights:

During the 22nd week of 2024, we carefully analyzed our data report, discovering valuable insights. By closely examining charts and graphs, we uncovered important patterns and metrics, providing clarity on significant trends.

The comprehensive analysis of Week 22, 2024, 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 22, 2024, across all 36 districts decreased to 90%, marking a decline compared to the previous week. The total number of OPD visits during Week 22 of 2024 reached 1,794,081 visits. This indicates a decrease of 20% compared to the previous week, which recorded 2,248,673 visits in Week 21, while 96% are new OPD patients and only 4% are follow up visits in current week. The highest number of OPD visits were conducted in District Lahore (190,853) followed by Faisalabad (150,413) and Multan (96,007). During the period of week 22. In age and gender wise analysis Females accounted for 55% of visits, while males accounted for 45%. The majority of patients in this context fell within the age range of 15 to 49 years old.

In Week 22 of 2024, a total of 68

diseases were documented in DHIS-2, constituting 55% of all patient cases. Among these reported illnesses, 57% were communicable diseases, while 43% 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 117,026 in-door admissions, with 65% of patients admitted due to specific diseases. Among the total 18,442 surgeries conducted with anesthesia, 18% (3,397) utilized General Anesthesia (GA), while 54% (9,873) involved Local Anesthesia (LA), 24% (4,416) employed Spinal Anesthesia and 4% (754) involving other alternative anesthesia methods.

Total ANC (190,559) visits were recorded in the Punjab, out of total ANC-1 (n= 68,577) women 16% (11,006) were reported with Hb<10g/dl. Total deliveries 18,712 was conducted in Punjab, during current week, 81% Normal deliveries, 19% C-Section and only 0.2% were Vacuum/Forceps. Out of total live births i.e., 18,633, 2% babies were born with LBW <2.5 kg and 0.6% were Pre-mature Births. We've also tabulated data regarding Kangaroo Mother Care (KMC) for newborns to monitor its implementation and impact.

Family Planning (FP) visits tallied 39,880 this week. Week-wise compari-

son shown in bar chart. Districts Chakwal Rahimyar Khan and Faisalabad retained their positions with 3,588, 2,975, and 2,813 FP visits, respectively, marking consistent engagement.

The bulletin provides a comprehensive analysis of disease alerts including Measles, Diarrhea gestation, and cases of heat stroke in both outpatient (OPD) and inpatient (IPD) departments during Week 22 of 2024, broken down by date.

In Week 22, there was a decline in several key indicators compared to the previous week. This decline was observed in reporting compliance, outpatient department (OPD) visits, antenatal care (ANC-1) visits, family planning visits, and deliveries. These trends highlight a negative progression in healthcare. The data from this week serves as a reflection of the current state of healthcare and emphasizes the need for improvements and innovations to achieve better public health outcomes in the future.

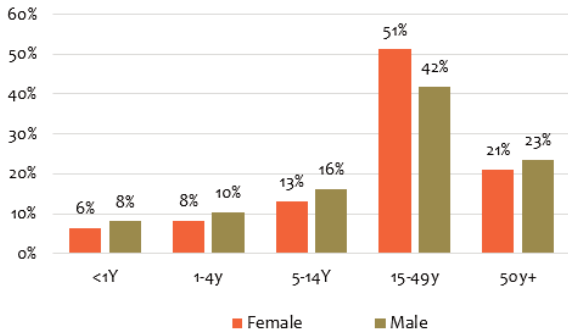
Diseases on high alert in this week-22, 2024

Alert: Outbreaks:

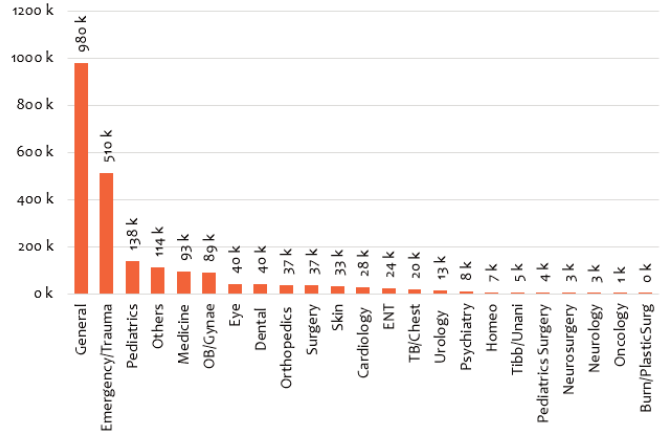
- Heatstroke
- Suspected Measles
- Suspected Diarrhea/Gastroenteritis

DHIS2 Weekly Bulletin (Week 22, 27 May~02 June, 2024)

Age and Gender wise OPD Attendance week 22, 2024



Speciality wise OPD new cases during week 22, 2024



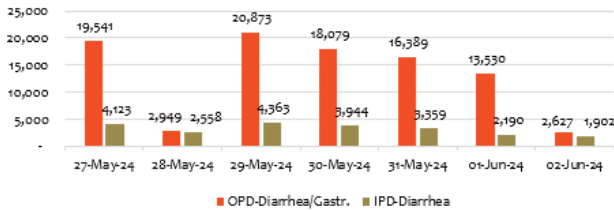
OPD Attendance: Age and Gender Demographics:

In Week 22 of 2024, a total of 1,794,081 OPD visits were recorded. Notably, female patients accounted for 55% of these visits, while male patients made up 45%. The corresponding graph illustrates that the majority of these patients were in the 15-49 age group.

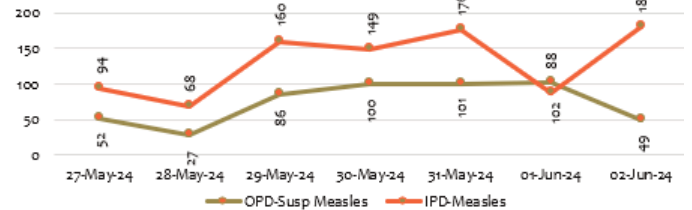
Specialty wise OPD cases:

OPD visits by speciality were distributed as follows

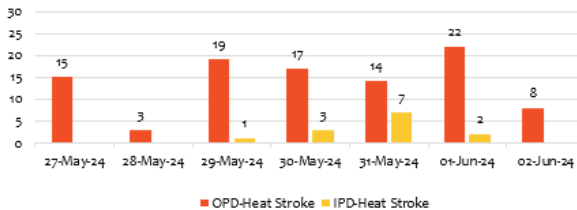
Trend Analysis of Diarrhea/Gastr. week 22, 2024



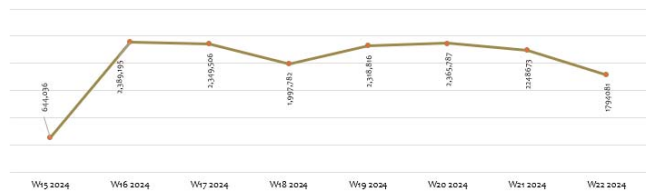
Trend Analysis of Measles week 22, 2024



Trend Analysis of Heat Stroke week 22, 2024



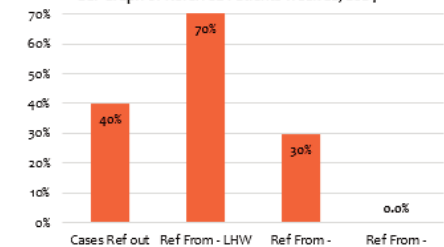
Total OPD Visits Weekly Comparison



OPD Visits Week Wise Comparison:

In Week 16, the highest number of OPD visits was recorded, totaling 2,389,195. However, in the current Week 22, there was a 20% decrease in OPD visits (1,794,081) compared to the preceding Week 21. This indicates an overall downward trend.

Bar Graph of Referred Patients week 22, 2024



Suspected OPD DISEASE WISE NEW CASES WEEK 22 OF THE YEAR 2024										
Susp. OPD Non-Communicable Diseases	Respiratory Diseases		Oral Disease		Eye & ENT Diseases					
	1	Chronic Obstructive Pulmonary Dis	5411	11	Dental Caries	26,228	21	Cataract	4,568	
	2	Asthma	20,989	Cancer Diseases		22	Trachoma	685		
	Communicable Diseases		12	Lung Cancer	11	23	Glaucoma	651		
	3	Fever (other causes)	135,549	13	Breast cancer	63	24	Otitis Media	9,918	
	Skin Diseases		14	Prostate cancer	11	Endocrine Disorder		25	Diabetes Mellitus	38,003
	4	Dermatitis	17,900	Psychiatric Diseases		26	Goiter	268		
	Injuries/Poisoning		15	Anxiety & Depression	8,648	Cardiovascular Diseases		27	Ischemic Heart Dis	6,975
	5	Road Traffic Accidents	24,660	16	Epilepsy	1,340	28	Hypertension	42,670	
	6	Injuries	15,522	17	Drug Dependence	702	Neurological/Neurosurgical		29	Worm Infestations
7	Fractures	2,900	Gastro Intestinal Diseases		20	Sexually Transmitted Infections	30	Urinary Tract Infection UTI	29,507	
8	Burns	937	18	Bloody Diarrhea/Dysentery	1,333	Waterborne Diseases		19	Diarrhea/Gastroenteritis	94,041
9	Dog bite	4,631	19	Peptic Ulcer Disease	49,473	20	Acu Watery Diarrhea/Susp Cholera	1,934		
10	Snake bite	51	20	Chronic Liver Dis	2,119	21	Susp Enteric /Typhoid Fever	1,613		
Susp. OPD Communicable Diseases	Communicable Diseases		Vaccine Preventable Diseases/ Hepatitis		Respiratory Diseases					
	1	Susp Malaria	2,464	10	Susp Hepatitis	7,953	16	Acute (upper) Respiratory Infections (AUR)	341,518	
	2	Susp Meningitis	9	11	Susp Measles	521	17	Pneumonia	1,301	
	3	Susp dengue fever	587	12	Susp Acute Flaccid Paralysis AFP	5	18	Cough >= Wks (Presumptive TB)	7,862	
	4	Seasonal Influenza ILI	3	13	Susp diphtheria	2				
	5	Chicken Pox	36	14	Susp Corona Virus	2				
	6	Susp Cervical Cancer (HPV)	23	15	Mumps	1				
	7	Susp HIV/AIDS	1							
	8	Acute Conjunctivitis	2,122							
9	Scabies	55,097								

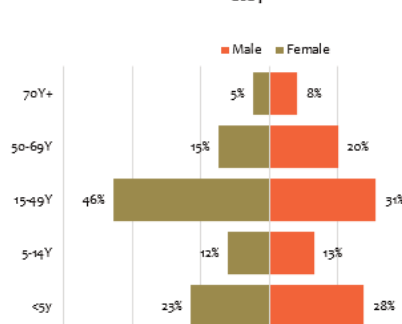
DHIS2 Weekly Bulletin (Week 22, 27 May~02 June, 2024)

DISEASE WISE INDOOR ADMISSION WEEK 22 OF YEAR 2024																																																																																																																																																																																																																																																																																																																																									
sr.	Medicine		24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	2,689	14	56	182	295	482	454	42	75	78	54	1276	137	182	48	87	182	144	67	114	135	194																																																																																																																																																																																																																																																																						
1	Diarrhea	22,439	Viral Hepatitis B	5	Chronic Renal Disease	2,689	2	Pneumonia	1,462	Viral Hepatitis C	160	46	Glaucoma	14	3	Bloody Diarrhea/Dysentery	146	Viral Hepatitis E	1	47	Allergic Conjunctivitis	56	4	Acute Watery Diarrhea / Cholera	961	27	Dengue fever	24	48	Anti Partum Hemorrhage (APH)	182	5	Asthma	1,937	28	Acu Appendicitis	606	49	Burns	295	6	Chronic Obstructive Airways	550	29	Diphtheria	3	50	Cholelithiasis / Cholecystitis	482	7	Pulmonary Tuberculosis	412	30	Pertussis	1	51	Hernias	454	8	Extra Pulmonary Tuberculosis	81	31	Viral Hemorrhagic Fever (CCHF)	1	52	Hyperplasia of Prostate	42	9	Sus Enteric / Typhoid Fever	2,025	32	Meningitis	254	53	Urolithiasis	75	10	Diabetes Mellitus	1,908	33	Rabies	38	54	Puerperal Sepsis	78	11	Chronic Liver Disease	1,309	34	Drug Abuse	66	55	Rupture Uterus	54	12	Chronic Renal Disease	2,689	35	Psychiatric Disorder	82	56	Other Obstetric Complications	1276	Cardiac Diseases										Neurological/Neurosurgical										Surgical										Gynaecological										13	Congestive Cardiac Failure (CCF)	469	CVA Stroke	911	57	Fibroid Uterus	137	14	Hypertension	2,272	36	CVA Stroke	911	58	Inflam. Diseases of Female Pelvic Organs (PID)	182	15	Ischemic Heart Disease (IHD)	1,982	37	Head Injury	656	59	Uterine Prolapse	48	16	Valvular Heart Dis	110	38	Heat Stroke	13	60	Vesico -Vaginal Fistula	87	Orthopedic Diseases										Cancer Diseases										Obstetrics/Maternal Complications										17	Arthropathies	229	Silicosis	2	61	Anti Partum Hemorrhage (APH)	182	18	Fractures	1,210	40	Breast Cancer	37	62	Complication of Abortion	144	Vaccine Preventable diseases/hepatitis										ENT										Obstetrics/Maternal Complications										19	Neonatal Tetanus	2	Chronic Otitis Media	62	65	Pre-Eclampsia/ Eclampsia	135	20	Acu Flaccid Paralysis (AFP)	13	42	Chronic Otitis Media	62	66	Prolonged/ Obstructed Labour	194	21	Measles	915	43	DNS	75	66	Prolonged/ Obstructed Labour	194	22	Malaria	38	Eye										Obstetrics/Maternal Complications										23	Viral Hepatitis A	80	Cataract	247											Obstetrics/Maternal Complications									
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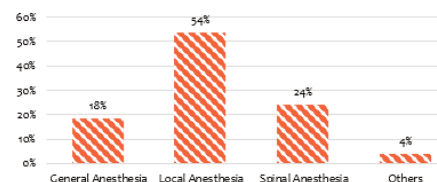
Age and Gender Wise Analysis:

During the current week, a total of 117,026 patients were admitted indoors, with 65% of them being affected by various diseases. Merely 1% of these cases were referrals, while 2% resulted in indoor deaths. In terms of gender distribution, females comprised 52% of the admitted patients, while males made up 48%. Notably, the age group between 15 and 49 years witnessed the highest patient count, with females accounting for 46% and males for 31% within this cohort.

Age and Gender wise Indoor Admission week 22, 2024



Surgeries with type of Anesthesia week 22, 2024

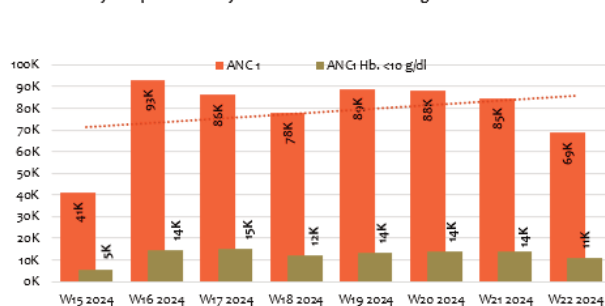


Surgeries with type of Anesthesia:

Throughout 21,450 surgeries, various anesthesia methods were employed. General anesthesia (GA) was used in 19% (4,177) of surgeries, while local anesthesia (LA) was 53% (11,341). Spinal anesthesia contributed to 23% (4,952) of procedures, with 5% (980) involving other alternative anesthesia methods.

MNCH Services

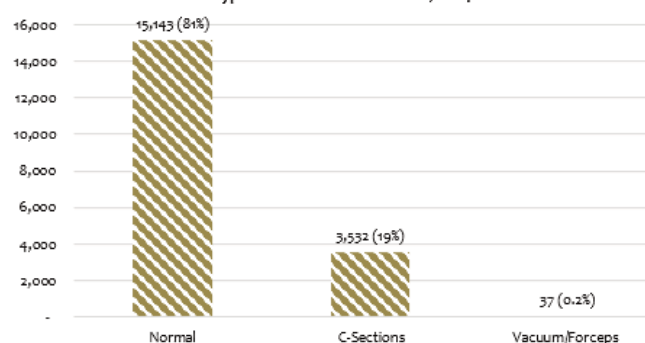
Weekly Comparative Study of Anemic Women Attending First Antenatal Care



Weekly Comparative Analysis of Anemia in ANC-1 Women coming for Antenatal care:

The trend analysis of ANC-1 visits indicates a noticeable decrease when compared to previous weeks. Week 16 stood out with the highest recorded ANC-1 visits. However, in the current Week 22 there was a clear 19% decline in ANC-1 visits compared to Week 21.

Types of Deliveries in week 22, 2024

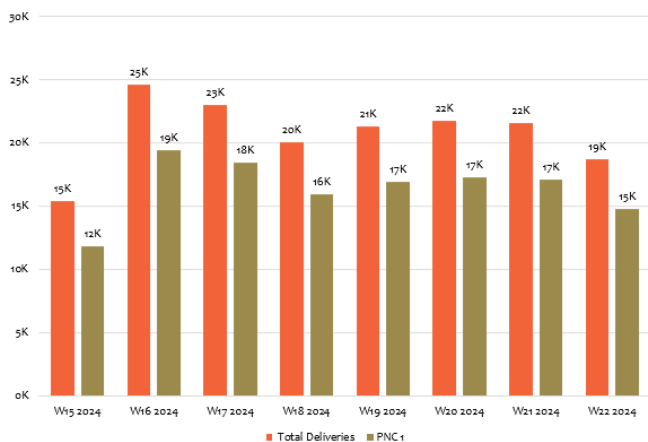


Delivery Modes:

During the current week in Punjab, a total of 18,712 deliveries were recorded. Of these, 81% (15,143) were normal deliveries, 19% (3,532) were C-sections, and a very small proportion 0.2% (37) involved vacuum/forceps.

DHIS2 Weekly Bulletin (Week 22, 27 May~02 June, 2024)

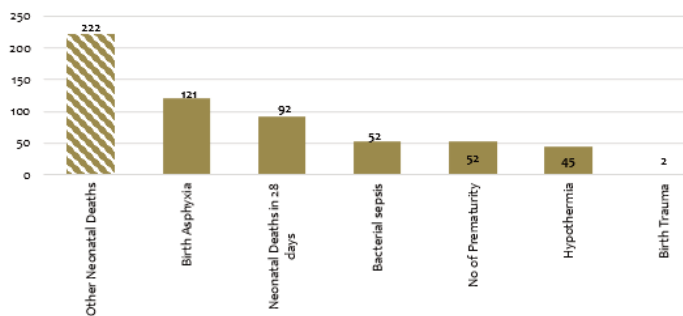
Analyzing Weekly Trends in Types of Deliveries and PNC1



Analyzing Weekly Trends in Deliveries and PNC-1 visits:

The multiple bar chart compares week-wise deliveries and PNC-1 visits. Week 16 shows the highest number of deliveries among all weeks, with 25k deliveries. In contrast, Week 15 has the lowest number of deliveries, with only 15k, potentially due to the closure of health facilities. Additionally, in the current week (Week 22), there is a 13% decline compared to the previous week (Week 21), where deliveries decreased from 22k to 19k. For PNC-1 visits, Week 16 also has the highest number of visits with 19k, while Week 15 has the lowest with 12k.

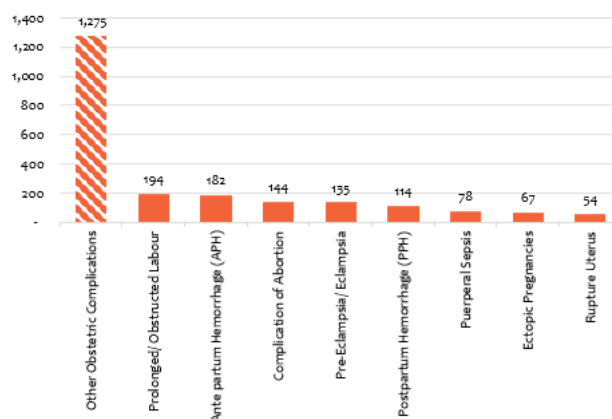
Neonatal Deaths with Complications week 22, 2024



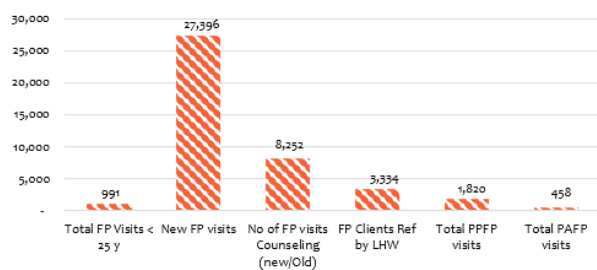
Maternal and Neonatal Deaths

Throughout this week, there were 07 reported cases of maternal deaths. Additionally, complications led to 3% (586) Neonatal deaths among the total 18,633 live births.

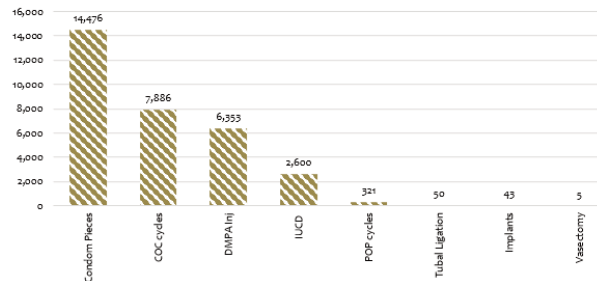
Maternal Complications in Obstetrics: Inpatient Admissions, Week 22, 2023



Services wise FP Client visits week 22, 2024



Method wise Family Planning week 22, 2024



Family Planning:

In the 22nd week of 2024, there were 39,880 family planning visits. Of these, 2% (991) were by women under 25 years old. Among these visits, 69% (27,396) were from new clients. Family planning

counseling accounted for 21% (8,252) of visits, with 85% (6,980) being new clients and 15% (1,272) returning. 08% (3,334) were referrals by LHWs. Postpartum family planning (PFFP) visits made up 5% (1,820), with 7% (121) by women under 25 years old. Finally, Post-Abortion Family Planning (PAFP) visits were 1% (458), with 7% (30) made by women under 25.

Kangaroo Mother Care (KMC) Newborn Indicators , week 22, 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	42	1	No. of Babies received KMC & discharge as per protocol	25	1	No. of Babies received 1st follow-up	28
2	No. of Babies born in Facility initiated KMC Services	39	2	No. of Babies received KMC & discharge on request	8	2	No. of Babies received 2nd follow-up	8
3	No. of Babies born outside the Facility received KMC Services	23	3	No. of Babies initiated KMC & referred / discontinued due to complication	17	3	No. of Babies received 3rd follow-up	7
			4	No. of Babies die during KMC	8	4	No. of Babies received 4th follow-up	7

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