



पोखरा नगरपालिका

पोखरा नगरपालिका प्रशासनिक
पोखरा नगरपालिका

पश्चिमाञ्चल विकास परिषद्



Annual Report

F/Y 2076/077



Pokhara Academy of Health Sciences
Western Regional Hospital
Pokhara, Kaski

General Catchment Area

गण्डकी प्रदेश

Pokhara Academy of
Health Sciences (PAHS)
Western Regional Hospital
Pokhara



Beds Distribution

Department	Deluxe cabin	Cabin Beds	Semi Cabin Beds	General Beds	Total beds
Medical ward	1	2	2	35	40
Pediatric			2	41	43
Orthopedic				50	50
Post operation		4	2	8	14
Gynecology		1	2	32	35
Surgical				50	50
ICU				9	9
NCU			6	14	20
Geriatric				8	8
Maternity		2	2	68	72
Dialysis				8	8
Emergency				25	25
NRH				10	10
Total	1	9	16	358	384

(For COVID-19 Case Management Firstly 10 beds after then 40 separate beds are allocated)

GENERAL FEATURES OF WESTERN REGIONAL HOSPITAL

LOCATION AND AREA:

Western Regional Hospital is located at Ramghat, ward No.11 of Pokhara Metropolitan city of Kaski district. It covers 207 ropanies (**10.5 hectores**) of land with boundary wall. Roads in north, south and west sides surround it. It is located at the distance of about 1 Km from the center of the city, 2 km from the inter-city bus park and 3 Kms from the domestic airport.

Altitude: 856 m

GPS Co-ordinates : N 28 12'46"

E 83 59'54"

CATCHMENT AREA:

Though this is a regional hospital and whole western region is the catchment's area, patients mainly from the surrounding districts use to visit this hospital. The people from other districts of Terai area usually prefer to go to Kathmandu instead of going to Pokhara.

Hospital Services

- Emergency Services
- Indoor Services
- OPD Services
- Health Insurance Services
- COVID-19 Treatment Service

OPD Services

- Medical
- Surgical
- Orthopedic
- Maternity/Antenatal
- Gynecology
- ENT
- Dental
- Psychiatric

- Pediatric
- Dermatology & STD
- Physiotherapy
- Cardiology
- Nephrology
- Gastrology
- Hepatology
- Neuro-Surgery

Indoor Services

- Medical
- Surgical
- Gynecology
- Maternity
- Paediatric
- NCU

- ✕ Orthopedic
- ✕ ENT
- ✕ Operation
- ✕ ICU
- ✕ Post operative
- ✕ Hemo-dialysis

Major Hospital Services

Preventive Services

- MCH Clinic
- Immunization
- Family Planning
- Nutrition Rehabilitation home
- PMTCT (Prevention of mother to child transmission of HIV)

Curative Services

OPD

- ❖ Dental
- ❖ Psychiatric
- ❖ Medical
- ❖ Surgical
- ❖ Orthopedic
- ❖ ENT
- ❖ Maternity/
Antenatal
- ❖ Gynecology
- ❖ Pediatric
- ❖ Dermatology/ STD
- ❖ Physiotherapy
- ❖ Cardiology
- ❖ Gastrology
- ❖ Nephrology
- ❖ Hepatology
- ❖ Neuro-Surgery

Indoor services

- ❖ Medical
- ❖ Surgical
- ❖ Gynecology
- ❖ Maternity
- ❖ Pediatric
- ❖ NCU
- ❖ Ortho/ENT
- ❖ Operation
- ❖ Post operation
- ❖ Hemo-dialysis
- ❖ Geriatric
- ❖ Psychiatric

Diagnostic Services

❖ Laboratory Services

- Hematology
- Para-cytology
- Bacteriology
- Virology
- Biochemistry
- Immunology
- Serology
- Cytology
- Histo-pathology
- Hormonology

- ❖ MRI
- ❖ CT Scan
- ❖ X-Ray
- ❖ Ultrasound
- ❖ ECG, EEG, PFT, ECT
- ❖ Echocardiography
- ❖ Endoscopies (ENT & upper GI)
- ❖ Colonoscopy
- ❖ Speech therapy
- ❖ Halter monitor
- ❖ Tread Mill Test

Hospital Statistics

S. N	Indicators	F/Y 2074/075	F/Y 2075/076	F/Y 2076/077
1	Total Number of OPD Cases	223155	269979	213773
2	Total Number of Emergency Cases	38682	39728	39251
3	Total Number of Inpatients Discharged	21380	20669	17321
4	Total Number of Lab Services Provided	1625789	2025254	1220320
5	Total Number of Hospital Services Provided	261837	309707	253024
6	Total Number of Delivery Conducted	8614	8399	7374
7	Referral Cases (Out) Total	142	112	26
8	Total Maternal Deaths	6	1	1
9	Total Late Neo-natal Deaths	8	6	3
10	Total Hospital Deaths	258	256	193

Special Programme

- ART, PMTCT, VCT, Child ART, OI Management.
- CAC, PAC.
- MCH Clinics
- SBA Program
- Safe Motherhood
- Methadone Maintenance Programme
- Nutrition Rehabilitation Home

ART- ANTI RETRO VIRAL THERAPY

PMTCT-PREVENTION OF MOTHER TO CHILD TRANSMISSION,

VCT-VOLUNTARY COUNSELING AND TESTING

CAC-COMPREHENSIVE ABORTION CARE

PAC-POST ABORTION CARE

RHD-RHEUMATIC HEART DISEASE PROGRAM

SBA-SKILLED BIRTH ATTENDANT PROGRAM

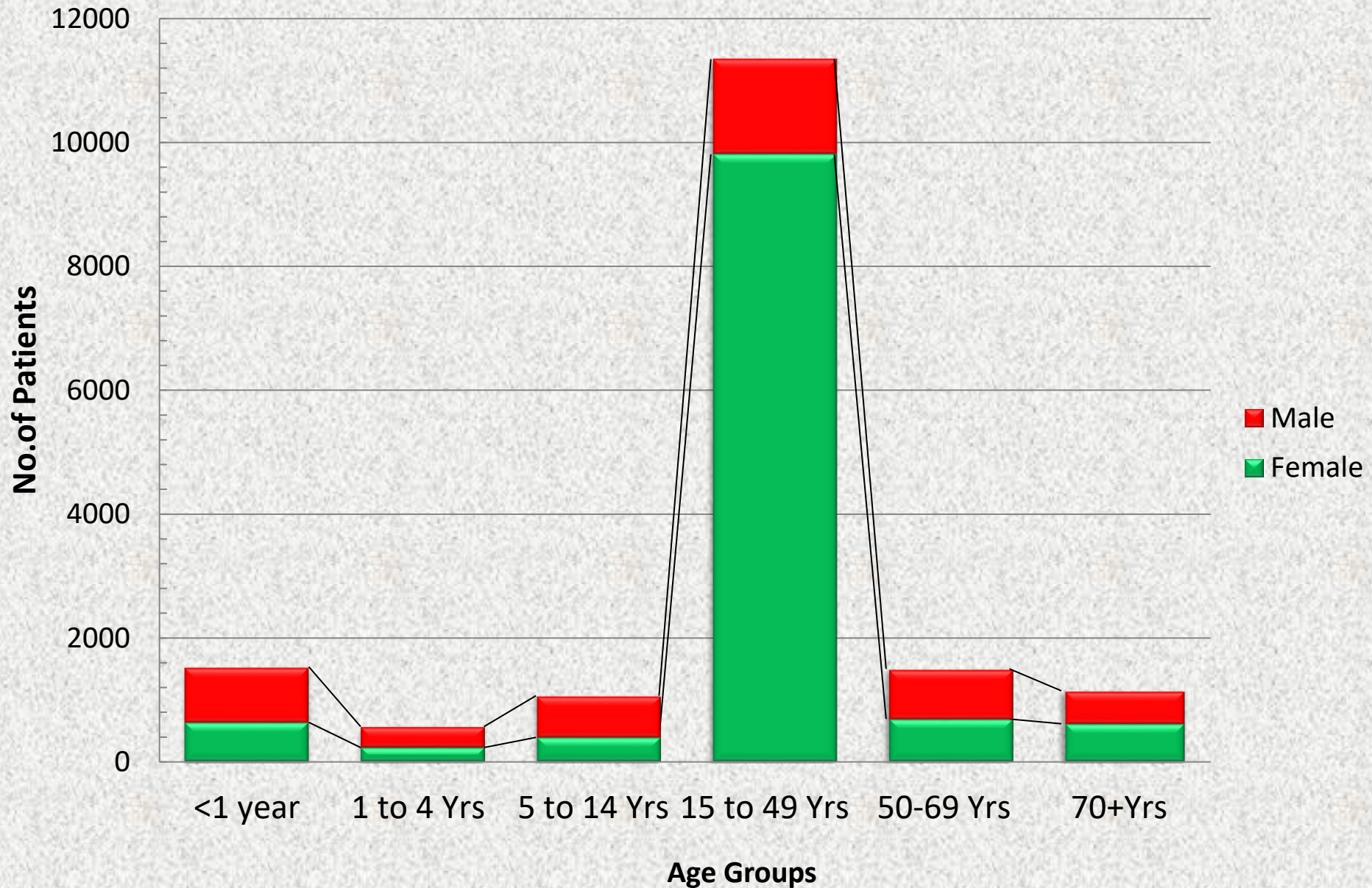
OI -OPPURTUNITISTIC INFECTION

MMT-METHADONE MAINTENANCE TREATMENT

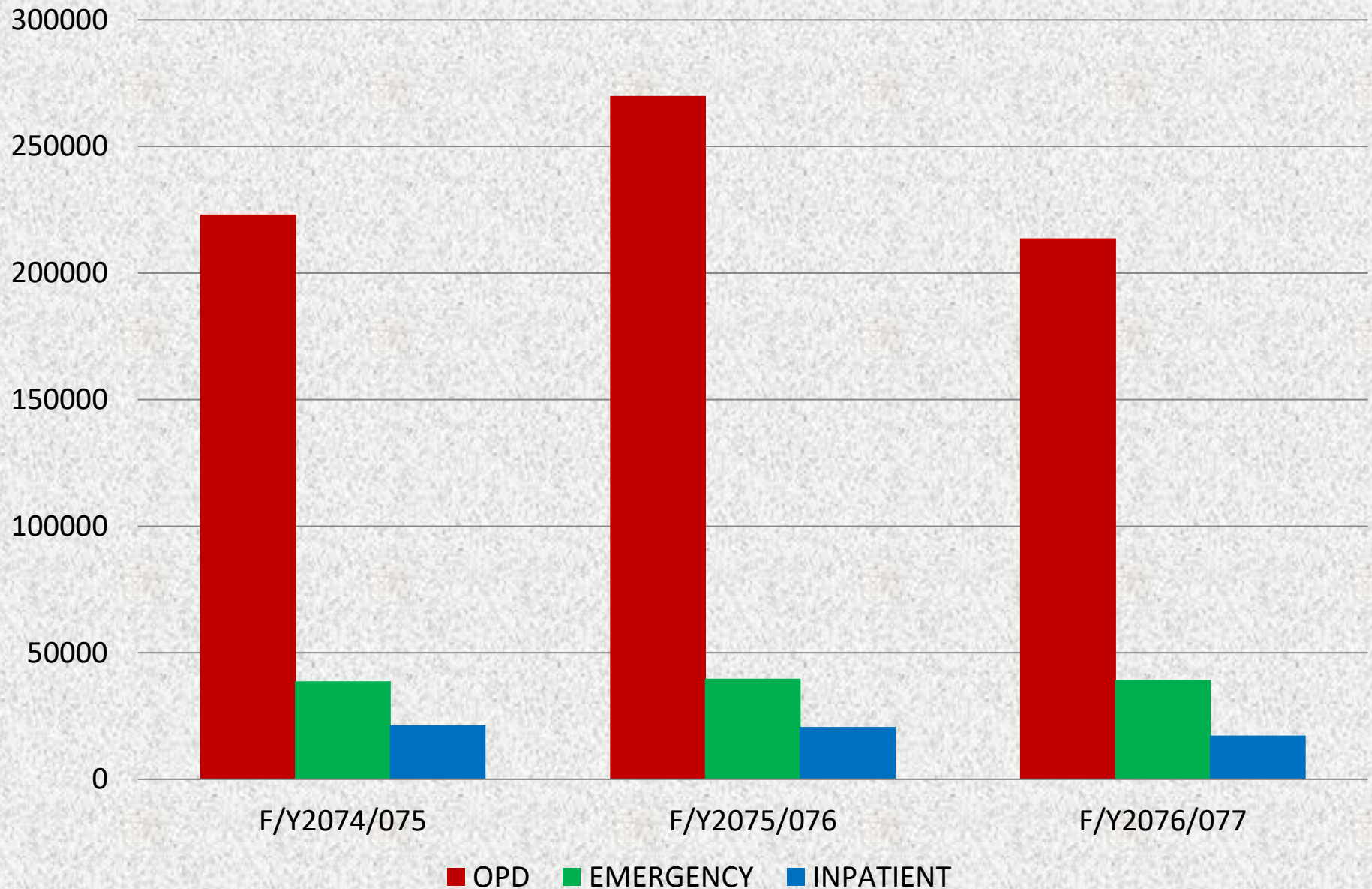
Inpatients Admitted in F/Y 2076/077

Age Group	Number			% of Subtotal		% of Total
	Female	Male	Sub-Total	Female	Male	
<1 year	636	897	1533	41.5	58.5	8.9
1 to 4 Yrs	232	337	569	40.8	59.2	3.3
5 to 14 Yrs	394	673	1067	36.9	63.1	6.2
15 to 49 Yrs	9809	1537	11346	86.5	13.5	66.1
50-69 Yrs	691	810	1501	46.0	54.0	8.7
60+Yrs	614	534	1148	53.5	46.5	6.7
Total	4788	12376	17164	27.9	72.1	100.0

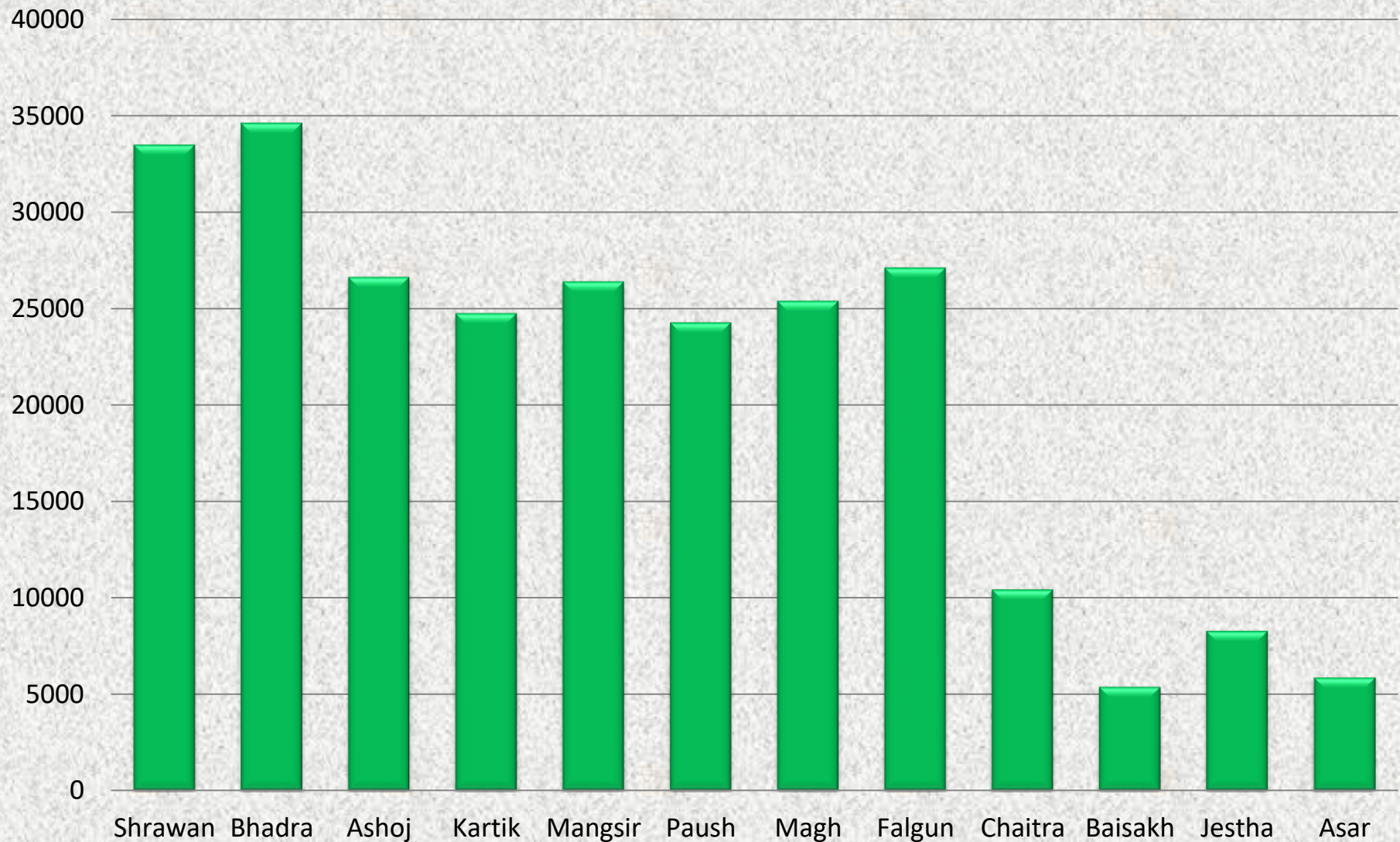
Age wise Inpatients in F/Y 2076/077



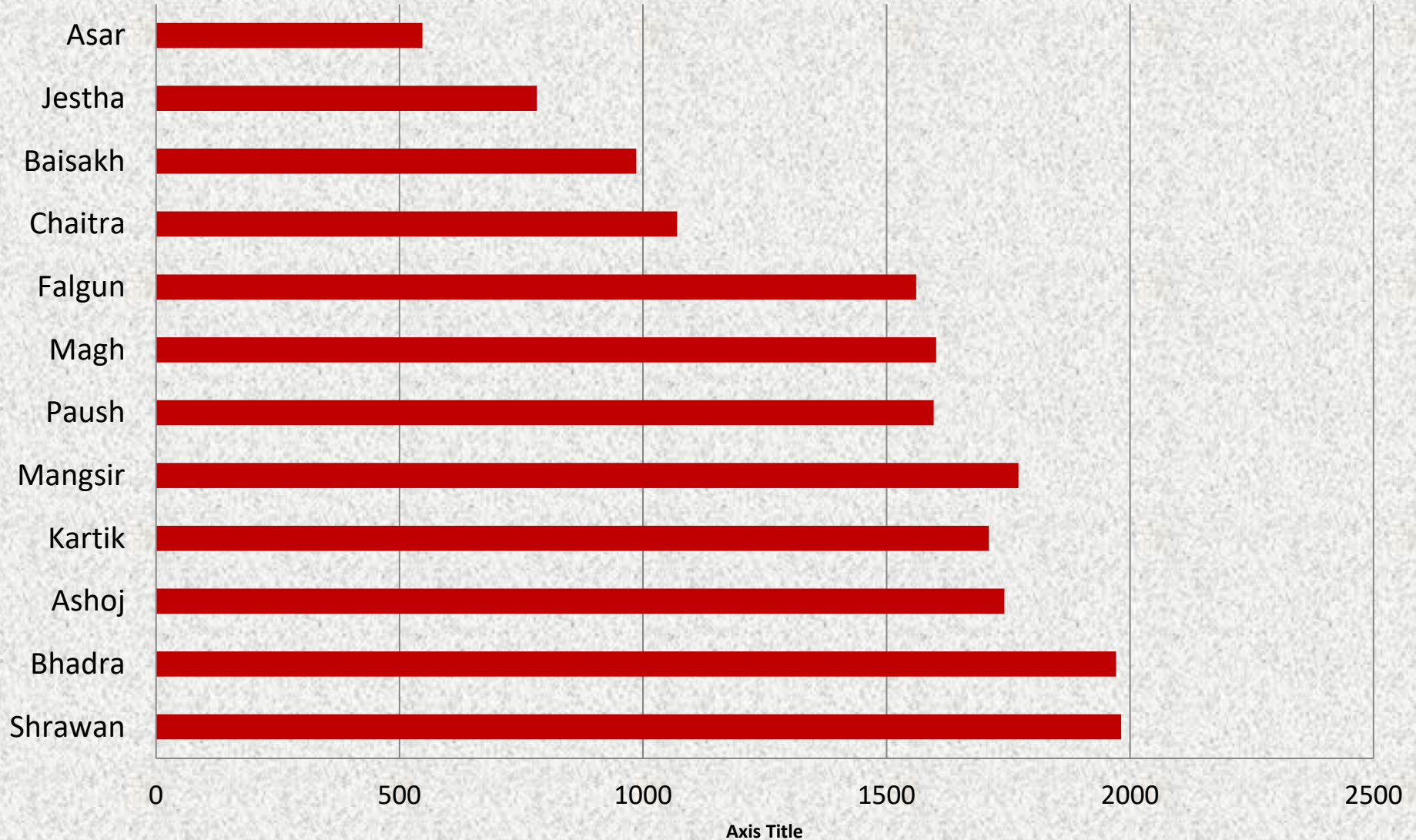
Flow of Patients in WRH



Month-wise OPD Patients in F/Y 2076/077



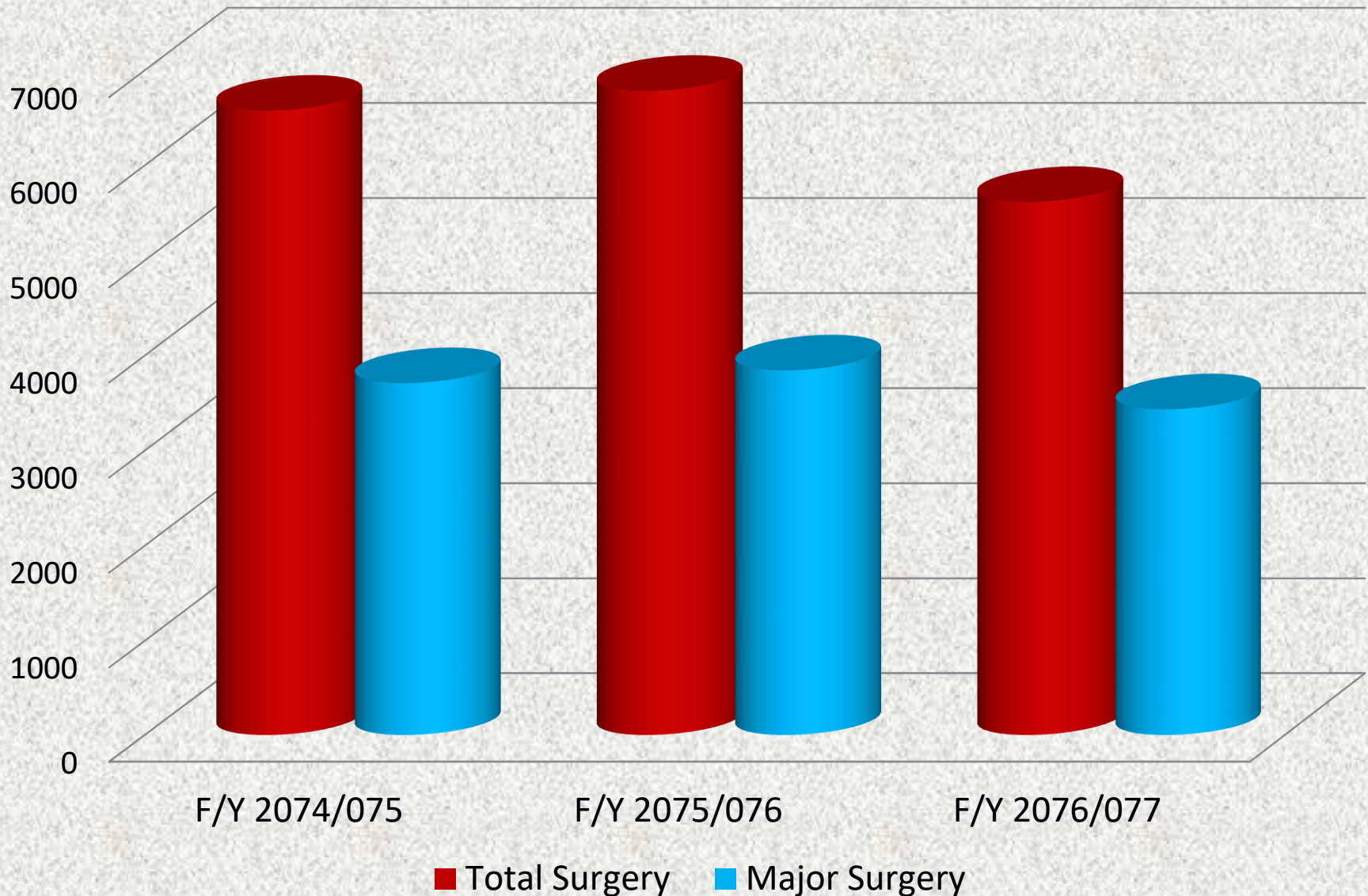
Month-wise Inpatients in F/Y 2076/077



Hospital Indicators

S.N	Indicators	F/Y 2074/075	F/Y 2075/076	F/Y 2076/077
1	Total OPD Visits as % of Total Population	8.97	10.79	8.51
2	% of Emergency Visits Among Total hospital Visits	15.82	12.83	15.51
3	Bed Occupancy Rate	74.78	73.32	55.68
4	Delivery Conducted as a % of Expected Pregnancy	12.45	12.3	10.91
5	Number of CAC Services Provided	199	245	212
6	Death Rate among In-patients	1.20	1.24	1.11
7	Total Surgery Cases	6575	6784	5615
8	% of Major Surgery among Total Surgery Cases	56.43	56.67	61.18
9	Doctor: In-patient Ratio	1:153	1:191	1:150
10	Doctor: Out patient Ratio	1:1605	1:2499	1:1858
11	Nurse: In-patient Ratio	1:92	1:120	1:104

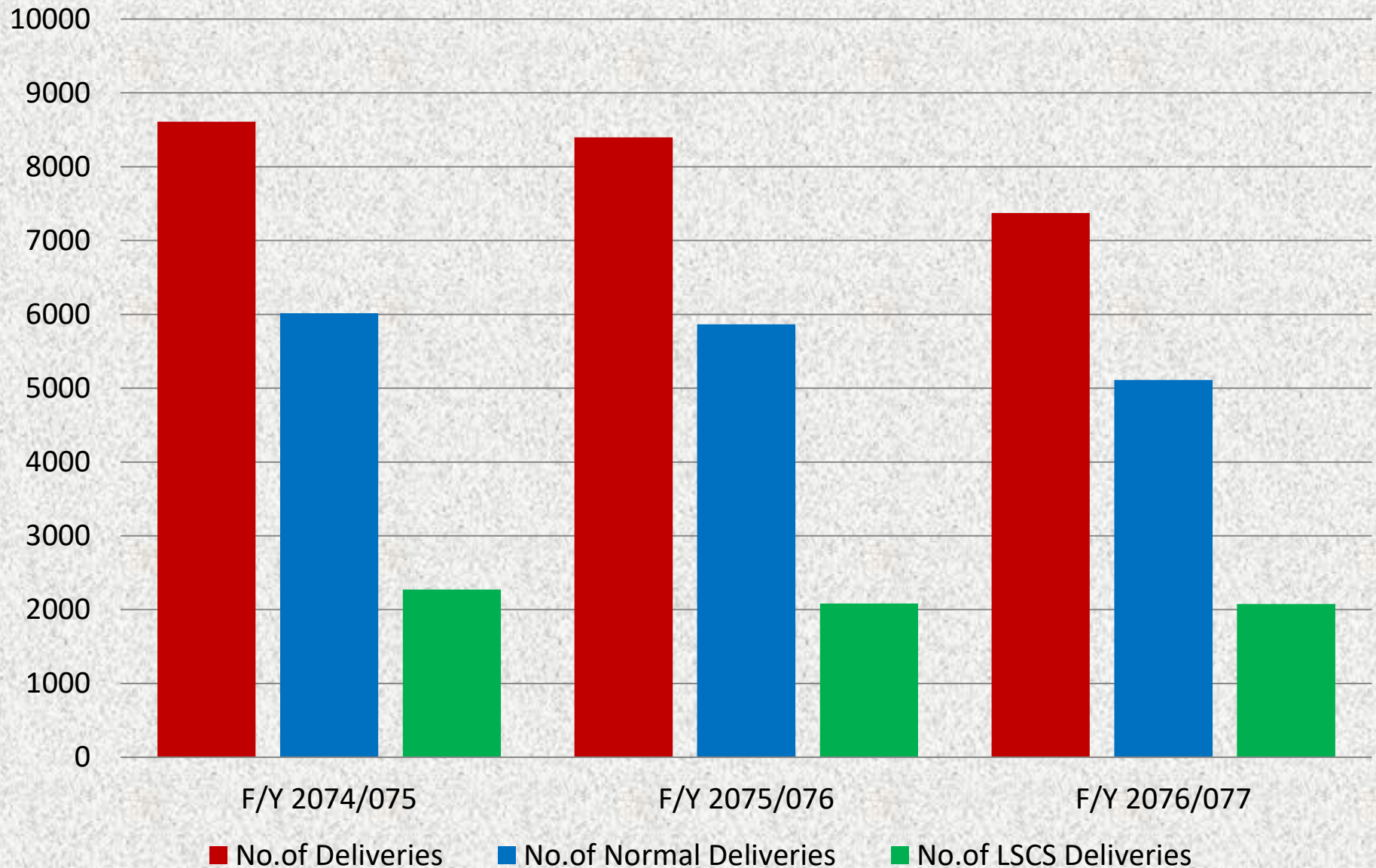
Total Surgery Vs. Major Surgery



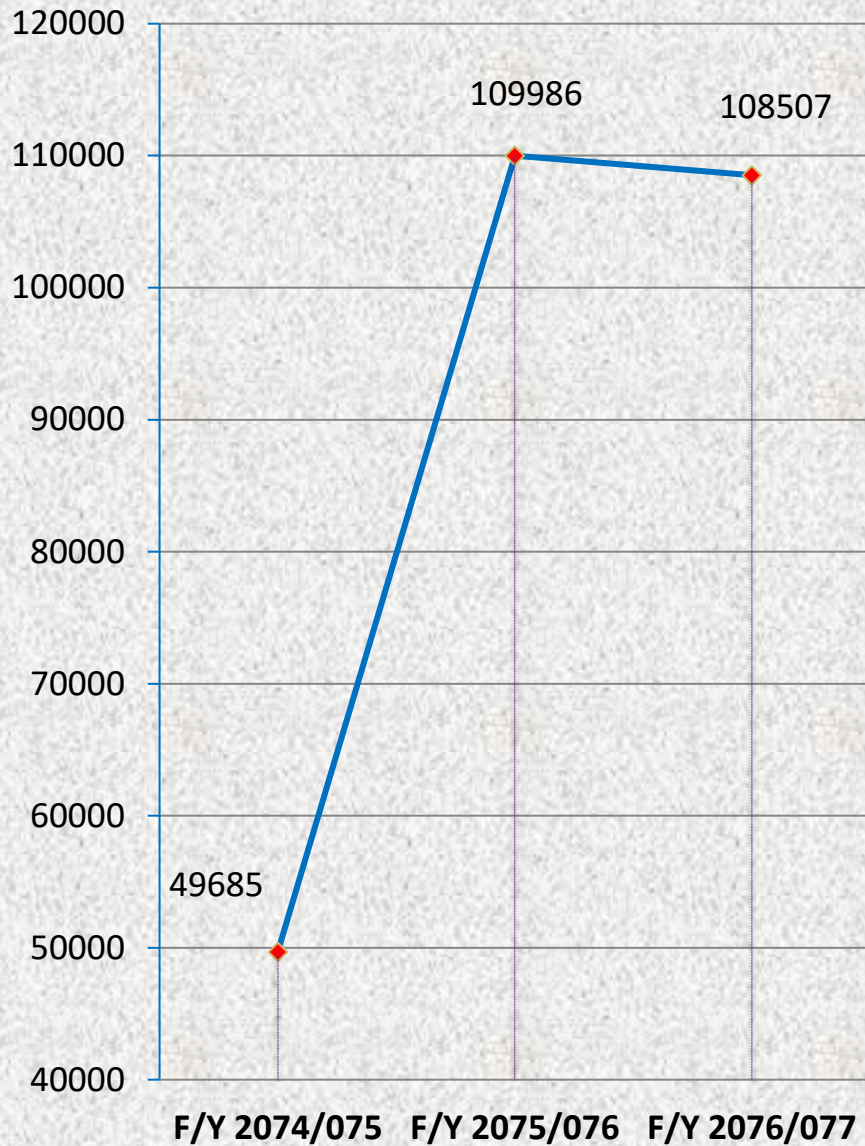
Hospital Delivery Statistics

Description	F/Y 2074/075	F/Y 2075/076	F/Y 2076/077
No. of Deliveries	8610	8399	7374
No. of Normal Deliveries	6017	5867	5113
No. of Assisted Deliveries (Complicated)	236	189	149
No. of LSCS	2274	2084	2078
LSCS %	26.41	24.81	28.18
Breech	83	259	33
No. of Maternal Deaths	6	1	1
No. of Perinatal Deaths	203	192	141
No. of Early Neonatal Deaths	67	49	30
No. of Late Neonatal Deaths	8	6	3
No. of Still Birth	136	143	111

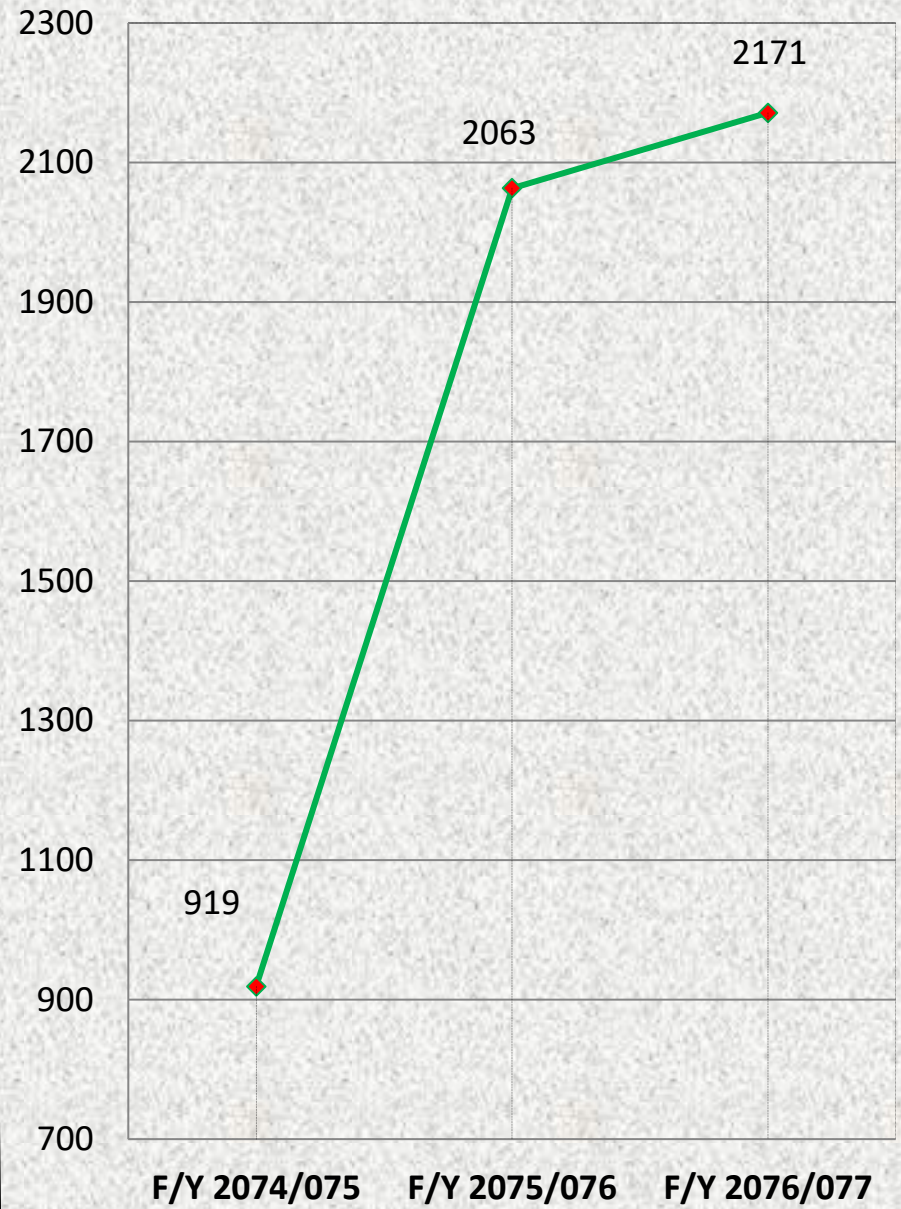
Hospital Delivery Statistics



Trend of HI OPD Cases



Trend of HI IPD Cases



Major Innovations

- Development of PAHS
- Super-Speciality Services
- MD seat allocation (17+26 seats)
- Admission of MD Residents
- COVID-19 treatment center
- Hospital waste management
- Expansion of dialysis Service
- Free maternity and neonatal care
- Post mortem Building and Mortuary freeze

Continued.....

- Hospital beds Increased
- Token system for OPD and Insurance counter
- Health Insurance Program
- Separate Health Insurance Counter
- New services; RIRS, PCNL, MRI, ESWL, Biopsy, Vit.D, B12 etc

Hospital Strength

- Adequate Hospital ownership land
- Adequate Water Supply
- ICU, NCU Department
- Advanced Medical Equipments
- Own hospital pharmacy
- Attachment with PAHS
- Health Insurance Program

Major Challenges

- Patient's crowd management
- Management of Health Insurance Program
- To run Academic activities in PAHS
- To manage quarter for staffs
- Dead body management
- Insufficient financial subsidy
- Accessibility of beds in maternity /Orthopaedic /Surgical Wards
- To develop as a central and competitive hospital of Gandaki province

Recommendations

- To establish Oxygen power plant
- Need to expand Maternity ,Medical and other over crowded wards.
- Need to expand Hospital Pharmacy and counter in Non-Overlapping Mode.
- Need to establish another OT room.
- Need to establish NICU , MICU as soon as possible
- Need to install necessary medical equipments like CT-Scan,Endoscopy etc as soon as possible
- To initiate for the installing of EMR

Continue..

- Need to establish the Critical Care Management of heart, kidney etc
- Construction of library building.
- To improve overall sanitation system with liquid waste management.
- To increase financial subsidy
- Construction of adequate staff quarter as soon as possible
- Scientific Management of Health Insurance Program
- Development of EMR system
- To Add other Academic activities in PAHS



Administrative Building of Western Regional
Hospital, Pokhara



पोखरा स्वास्थ्य विज्ञान प्रतिष्ठान



कोविड-१९ उपचार केन्द्र, पोखरा
COVID-19 Treatment Center, Pokhara



New Maternity Building (Under Construction)
Western Regional Hospital, Pokhara



Queries???



Thank You