

Annual Performance Review Meeting
2067/068

OF
Lumbini Zonal Hospital, Butwal

By
Dr. Altaf Hussain
Medical Superintendent

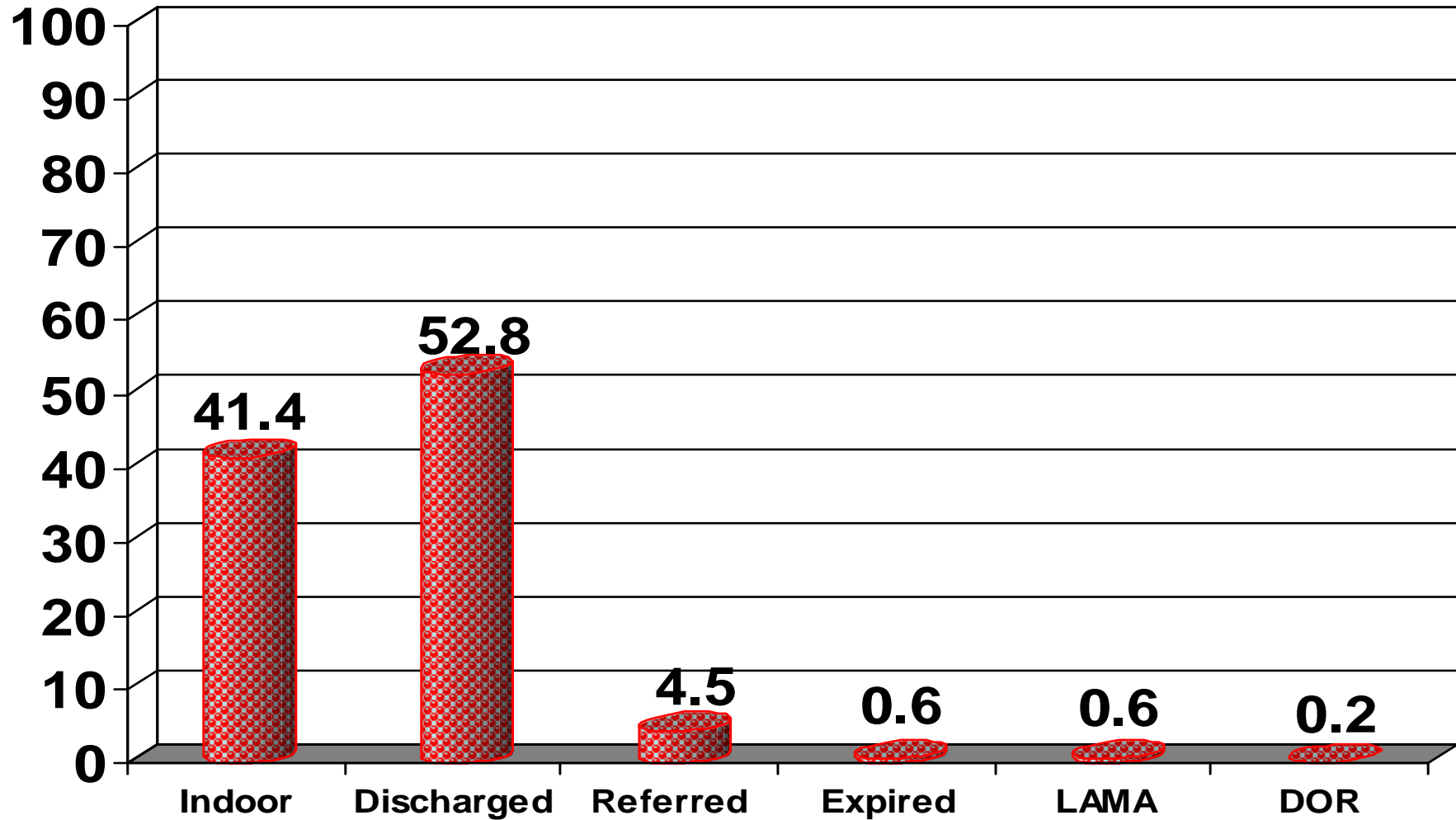
Clinical Services on
2067/067 in Short

1. Emergency

S. No.	Types of Emergency Services	Recorded Service on Three F.Y.			Trends
		2065/066	2066/067	2067/068	
1	General Emergency Cases	19,706	14,663	17,386	+
2	Police Cases	4,801	4,619	4,870	+
3	Total Snake Bite Cases	1,282	1,160	1,304	+
4	Obstetric & Gynecology Cases	6,914	7,156	7,647	+
5	Total Emergency Cases	32,703	27,598	31,207	+
Outcome From Emergency					
1	Admitted in Indoor Department	12,670	12,256	12,975	+
2	Discharged from Emergency	18,249	13,638	16,424	+
3	Referred Out	1,439	1,332	1,337	=
4	Expired on Observation	185	194	153	-
5	LAMA (Left Against Medical Advice)	106	116	289	+
6	DOR (Discharged On Request)	54	61	29	-
Total Emergency		32,703	27,598	31,207	+
A	Brought Death without Emergency	230	220	289	+
B	Average Daily Observation Patients	18	19	20	+

S. No.	% of Emergency Recording Coverage on 2067/068	Total No. of Patients	Remarks
1	Emergency Ticket Distribution From Counter (Account Department)	34,385	
2	Emergency Patients Recorded (Excluding of Obstetric & Gynaecology Cases)	23,560	Obstetric & Gynaecology cases are totally Free
3	Missing Emergency Record among Total Emergency Services	10,825	
4	Coverage (in %) of Emergency Record	68.5%	
5	% of Emergency Recording Miss	31.5%	

% of Different Types of Emergency Outcome in Last Three Financial Years



2. OPD

S. No.	Types of OPD Services	Counted Service on Three F.Y			Trends
		2065/066	2066/067	2067/068	
1	New Cases	91,365	95,933	98,706	+
2	Follow Ups	22,421	20,049	19,344	-
3	Total OPD	1,13,786	1,15,982	1,18.050	+

Above Mentioned OPD Services was generated as the OPD Ticket Selling. But We have still missing these OPD patients which were examined without OPD Ticket.

S. No.	OPD Patients Distribution in Various Department on 2067/068	OPD Patients Distribution %	OPD Patient by OPD Ticket	OPD Patient by Patient Count	OPD Services without Ticket	R e m a r k
1	Medical Cases	33.84%	39,948	52,320	12,372	
2	Orthopaedic Cases	15.68%	18,510	24,243	05,733	
3	Dermatology Cases	09.78%	11,545	15,121	03,576	
4	ENT Cases	09.68%	11,427	14,966	03,539	
5	Surgical Cases	09.38%	11,073	15,502	03,429	
6	Obs /G Cases	07.76%	09,161	11,998	02,837	
7	Dental Cases	07.36%	08,724	11,426	02,702	
8	Paediatric Cases	06.49%	07,661	10,034	02,373	
Total		100.00%	1,18,050	1,54,610	36,560	

S. No.	OPD Services on 2067/068	Total No. of Patients	Remarks
1	OPD Services with OPD Ticket	1,18,050	
2	Estimated OPD Service without OPD Ticket	36,560	(30.97%)
3	Estimated Total OPD Services	1,54,610	
4	OPD Service From Emergency Ticket	10825	(09.17%)
5	Estimated net OPD Services without Ticket	25,735	(21.80%)

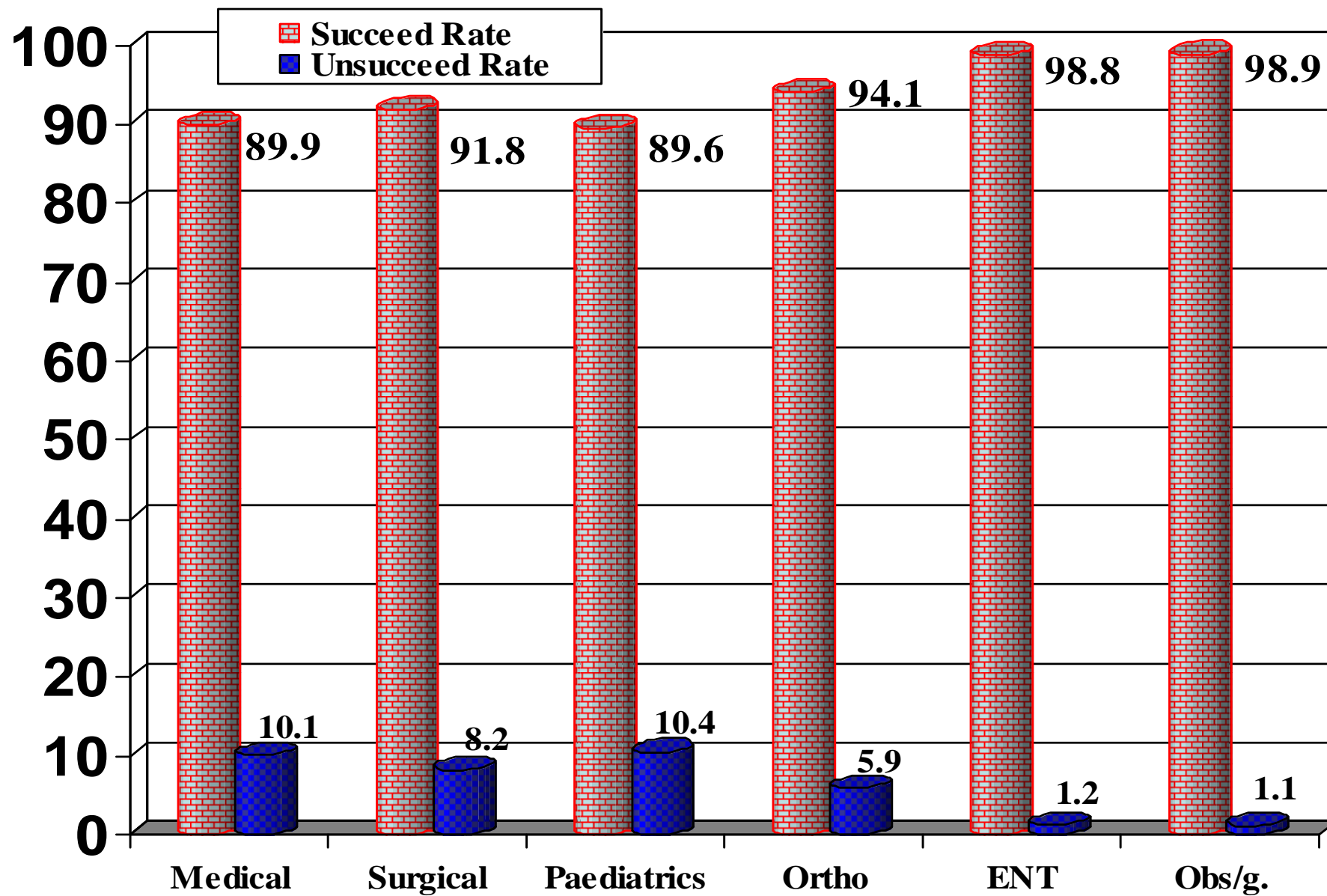
3. Inpatients

S. No.	Types of Emergency Services	Inpatients Service on Three F.Y.			Trends
		2065/066	2066/067	2067/068	
1	Medical Services	3,258	2,660	2,449	-
2	Surgical Services	1,396	1,262	1,384	+
3	Paediatrics Services	721	803	1,234	+
4	Orthopedic Services	312	251	271	+
5	ENT Services	175	127	81	-
7	Obstetric & Gynecology Service	7,156	7,153	7,556	+
Total Inpatients		12,670	12,256	12975	+

Outcomes of Inpatient Services on 2067/068

S. No.	Department	Cured / Improved	Referred	LAMA	DOR / ABS.	Expired	Total
1	Medical	2176	229	13	3	28	2449
2	Surgical	1271	94	10	3	6	1384
3	Paediatrics	1106	115	8	5	0	1234
4	Orthopaedic	255	5	10	1	0	271
5	ENT	80	1	0	0	0	81
6	Obs/Gyn.	7475	58	13	10	0	7556
Total		12,363	502	54	22	34	12975
% of Total		95.3%	3.9%	0.4%	0.2%	0.3%	100.0%

Types of Outcomes of Inpatient Services on 2067/068 (In %)



S. No.	Different Types of Hospital Indicators	Indicators of Last Three F.Y. Inpatients			Trends
		2065/066	2066/067	2067/068	
1	Average Length of Stay (ALS)	3.1 Days	3.3 Days	3.3 Days	=
2	Average Per Day Inpatients (APDP)	108 Patients	111 Patients	118 Patients	+
3	Bed Occupancy Rate (BOR)	80.3 %	82.0 %	87.7 %	+
4	Throughput (Total Bed Turnover)	94 Patients	91 Patients	96 Patients	+
5	Bed Turnover Interval (BTI)	0.8 Day	0.7 Day	0.5 Day	-

Operation

S. No.	Types of Operation	2065/066				2066/067				2067/067			
		Major	Inter	Minor	Total	Major	Inter.	Minor	Total	Major	Inter.	Minor	Total
1	Surgical	382	125	626	1136	295	157	412	864	343	179	686	1208
2	Obs / G	1176	82	215	1473	1481	99	256	1836	949	54	229	1232
	CAC	-	-	446	446	-	-	555	555	-	-	498	498
	PCA	-	-	202	202	-	-	239	239	-	-	395	395
3	ENT	97	108	253	458	83	131	226	440	69	78	194	341
4	Orthopedic	131	266	77	474	136	227	47	410	119	141	152	412
	Plaster A	-	341	-	341	-	372	-	372	-	239	-	239
	Plaster B	-	169	-	169	-	224	-	224	-	139	-	139
	Plaster C	-	-	2494	2494	-	-	2400	2400	-	-	2384	2384
	Total	131	776	2571	3478	136	823	2447	3406	119	492	2536	3147
Grand Total.....		1786	1091	4313	7190	1995	1210	4135	7340	1480	830	4538	6848

Delivery

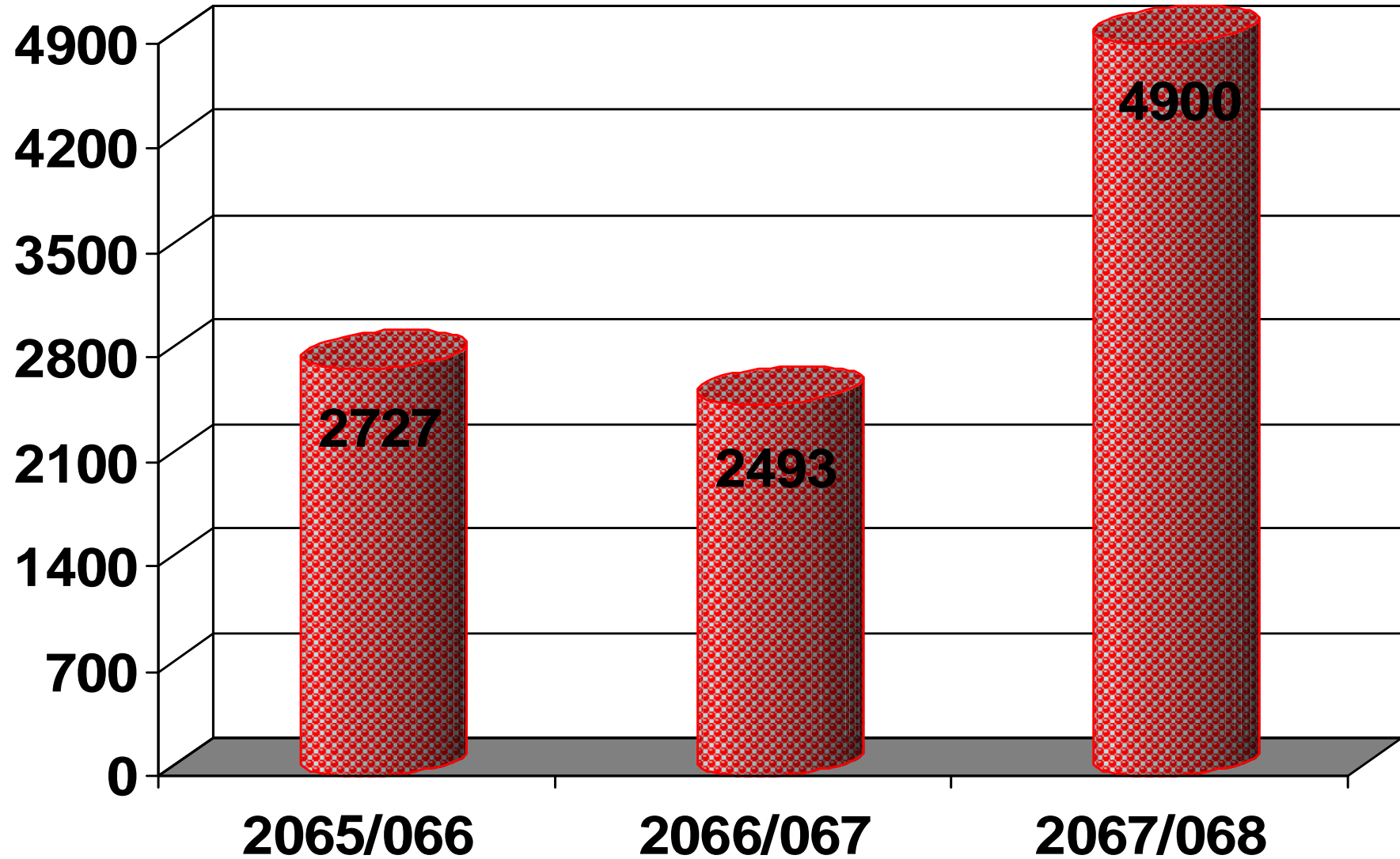
S. No.	Different Types of Delivery	Delivery Service on Last Three Financial Year			Trends
		2065/066	2066/067	2067/068	
1	Spontaneous Vaginal Delivery	4,495	4,294	5384	+
2	Instrumental Delivery	146	171	206	+
3	Operated (LSCS) Delivery	1,110	1,407	847	-
3	Total Delivery	5,751	5,872	6,437	+

Dental Surgery Department

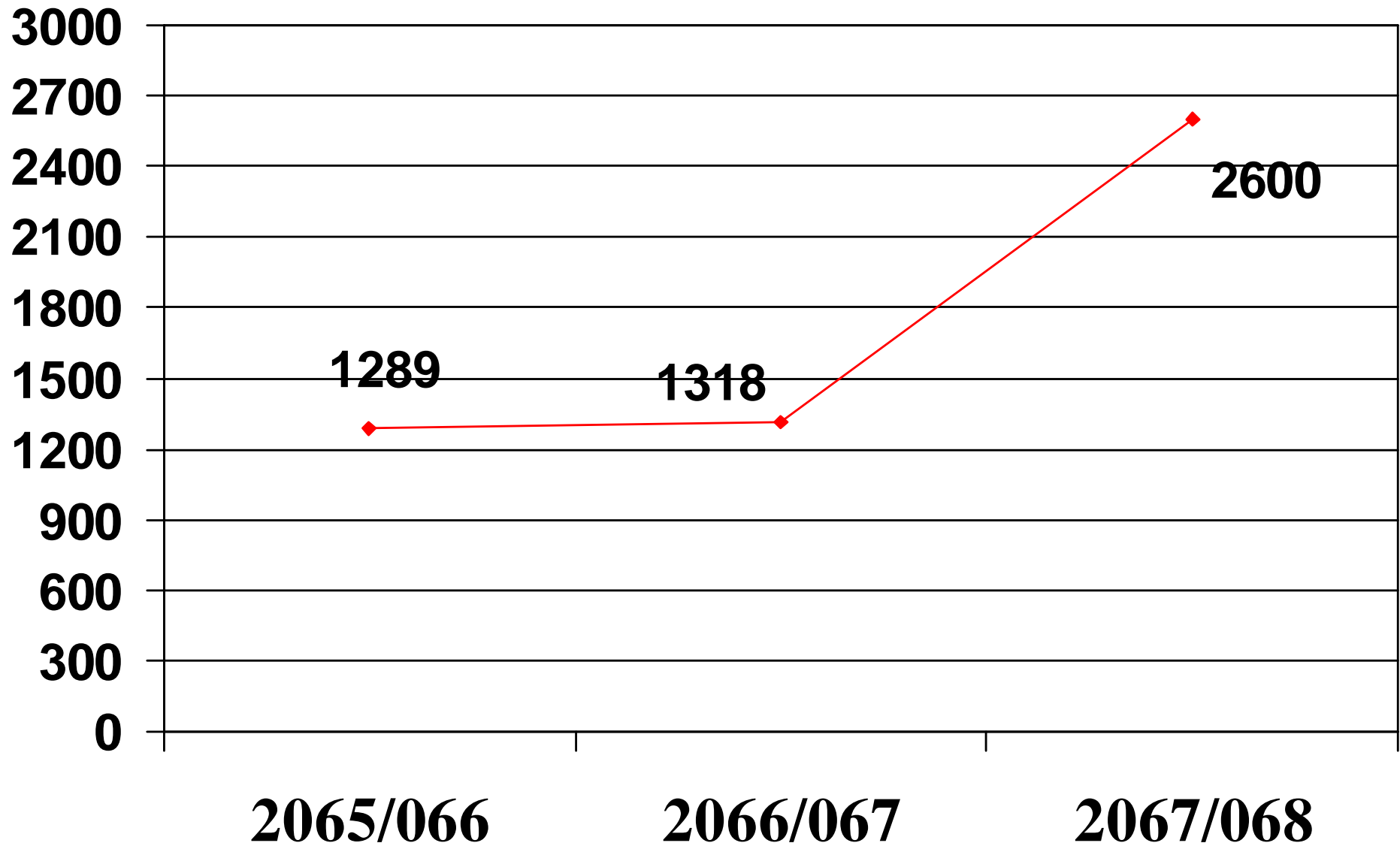
Clinical Aspect Review Completed

Dental Surgery

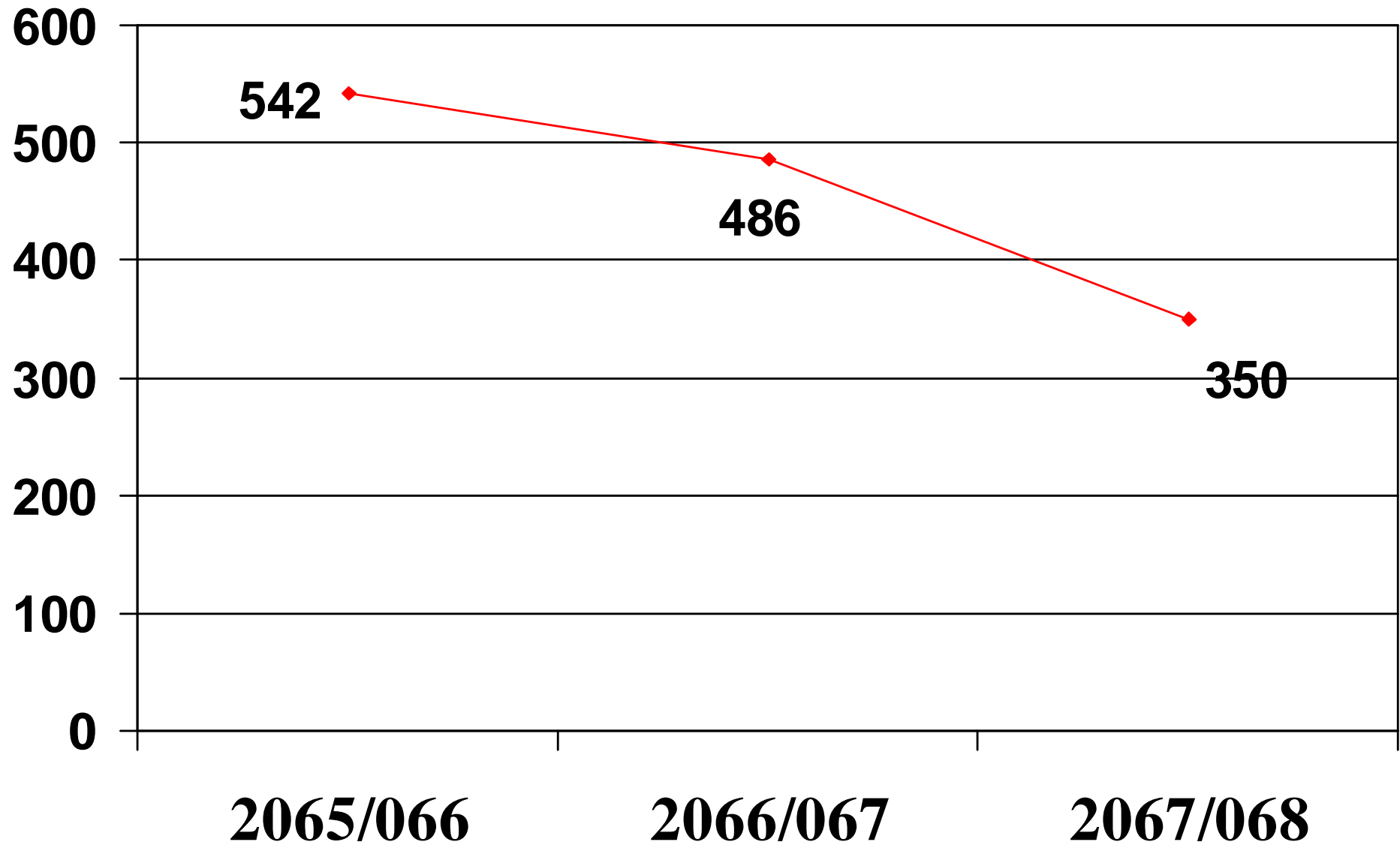
Total No of Dental Surgery



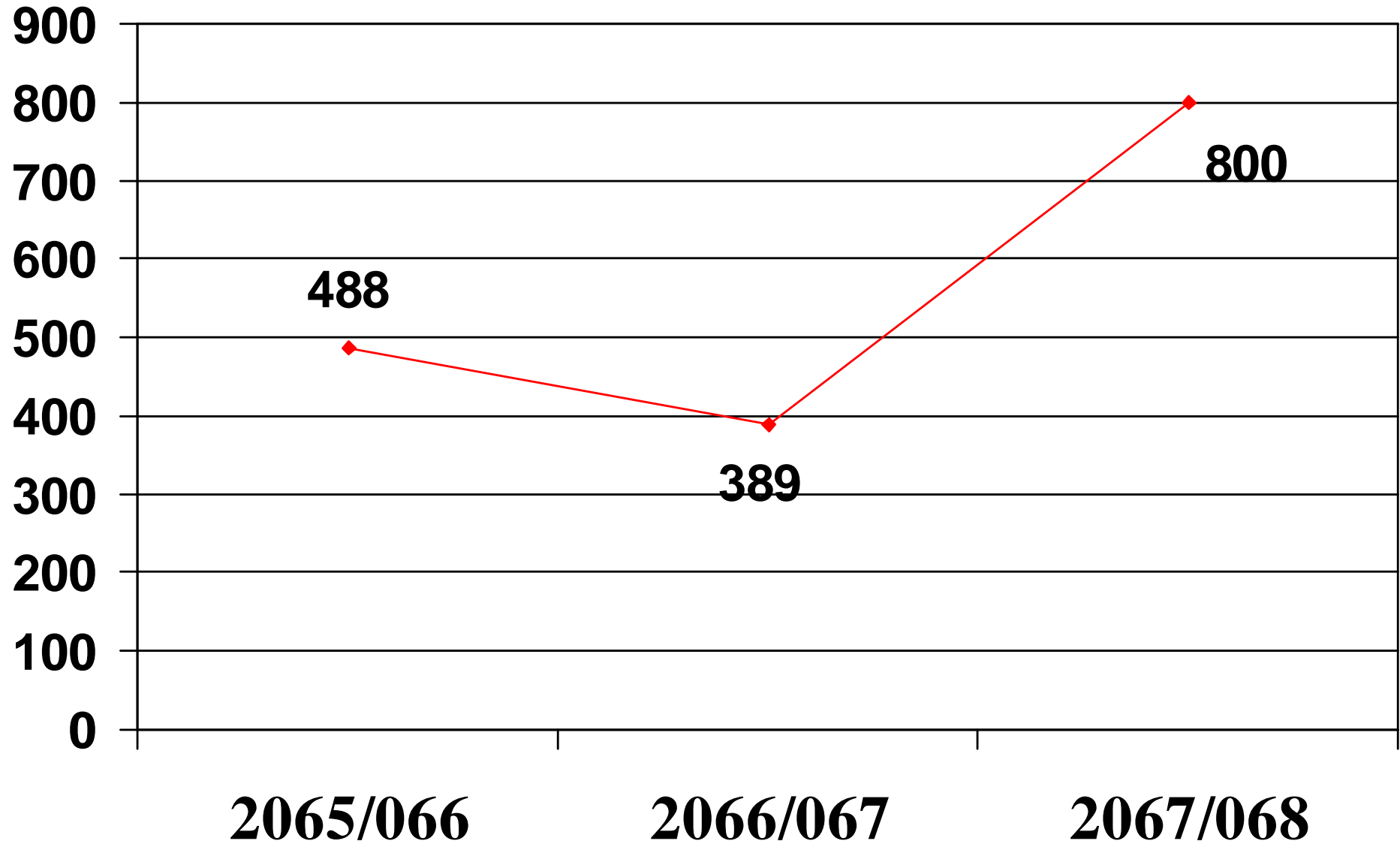
Extactions



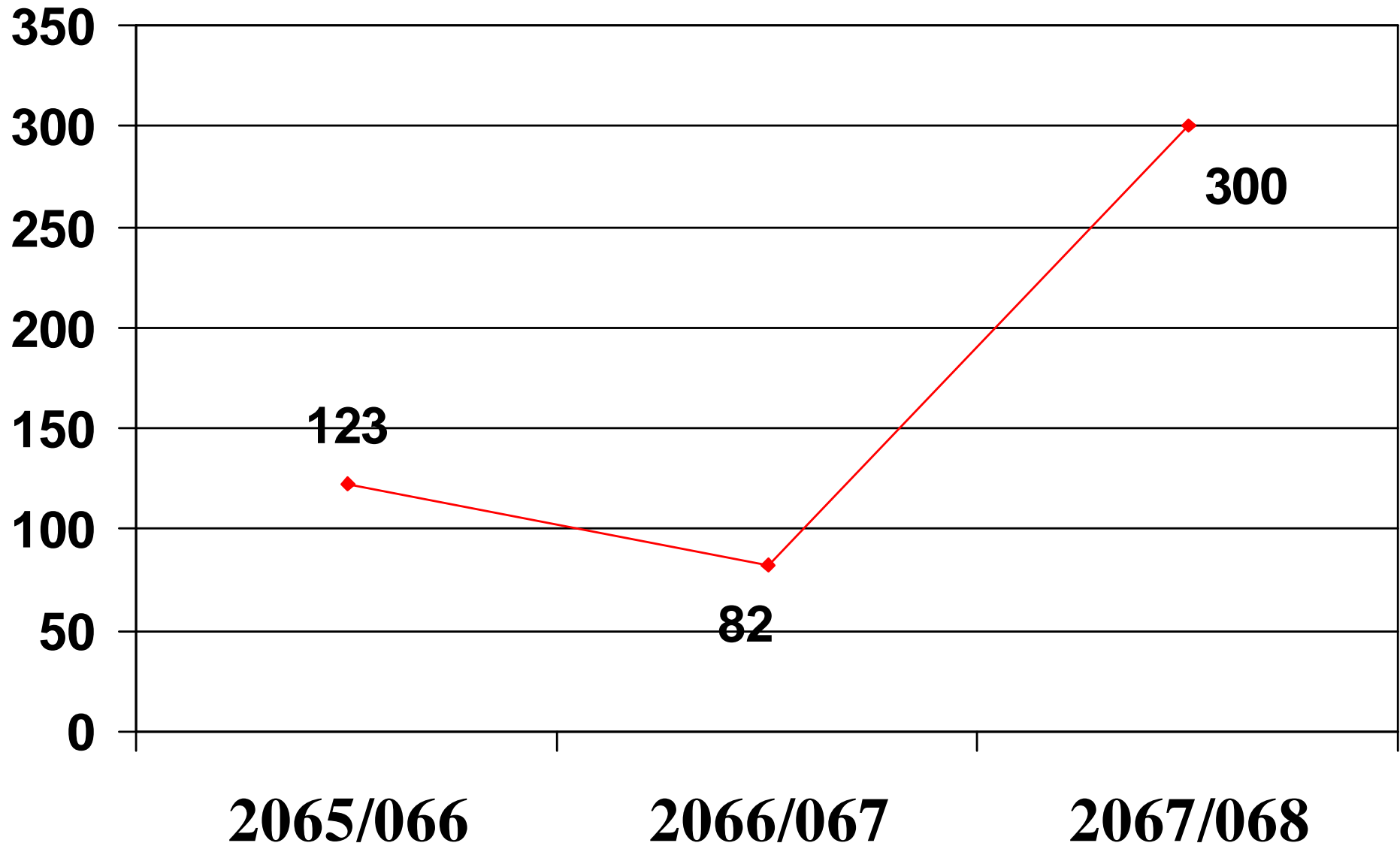
Scaling



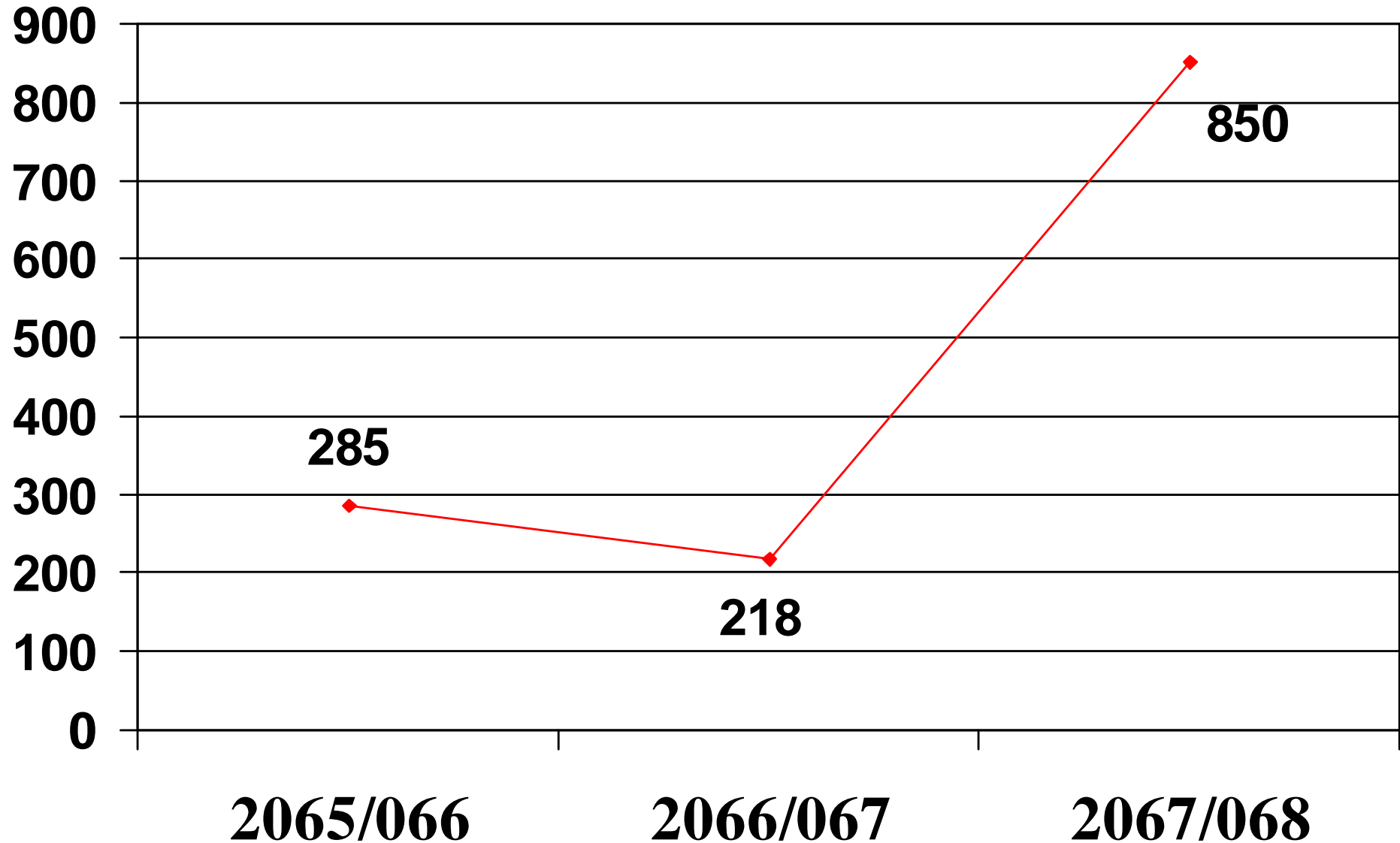
Fillings (Restoration)



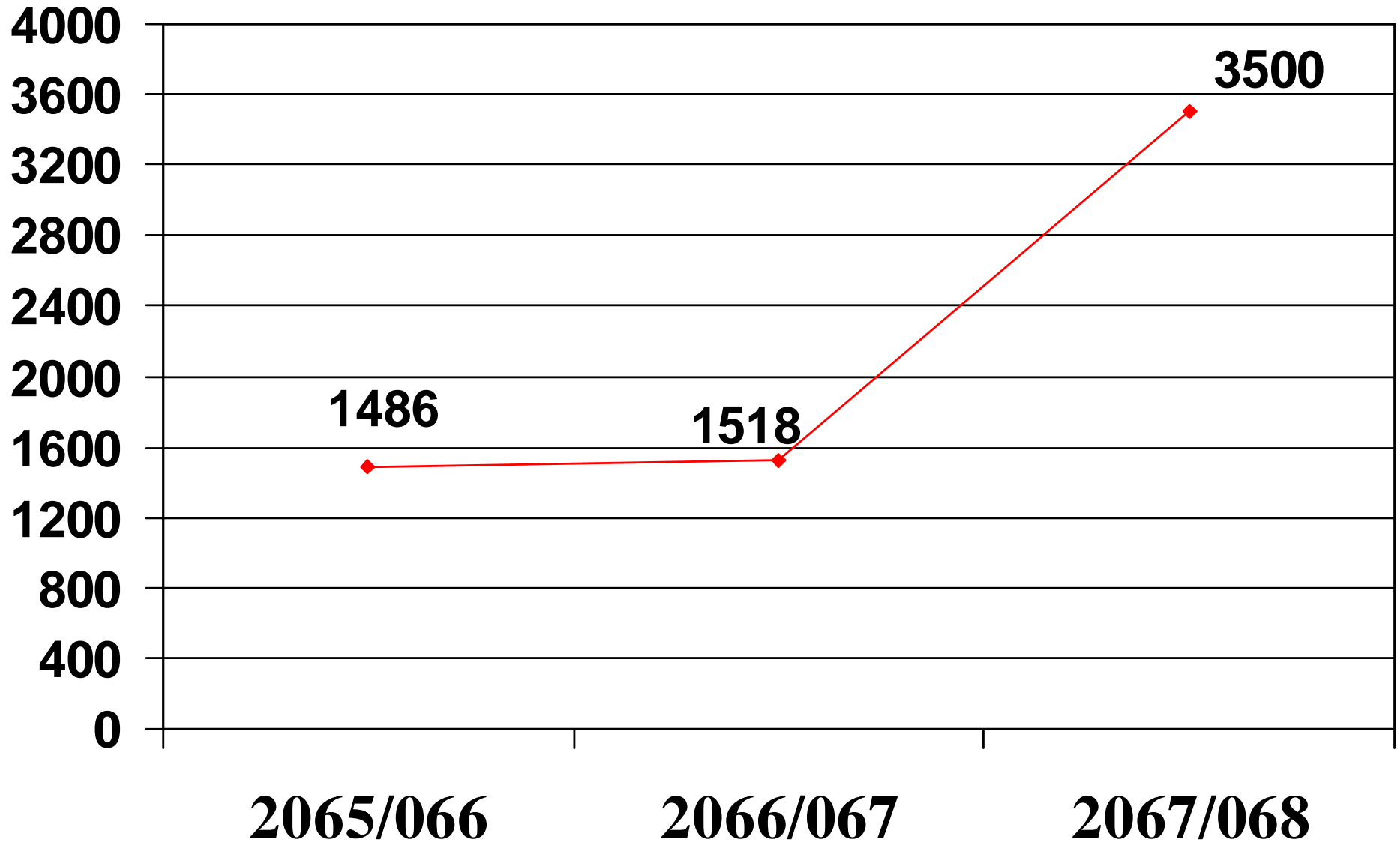
Minor Surgery



Root Canal Treatment



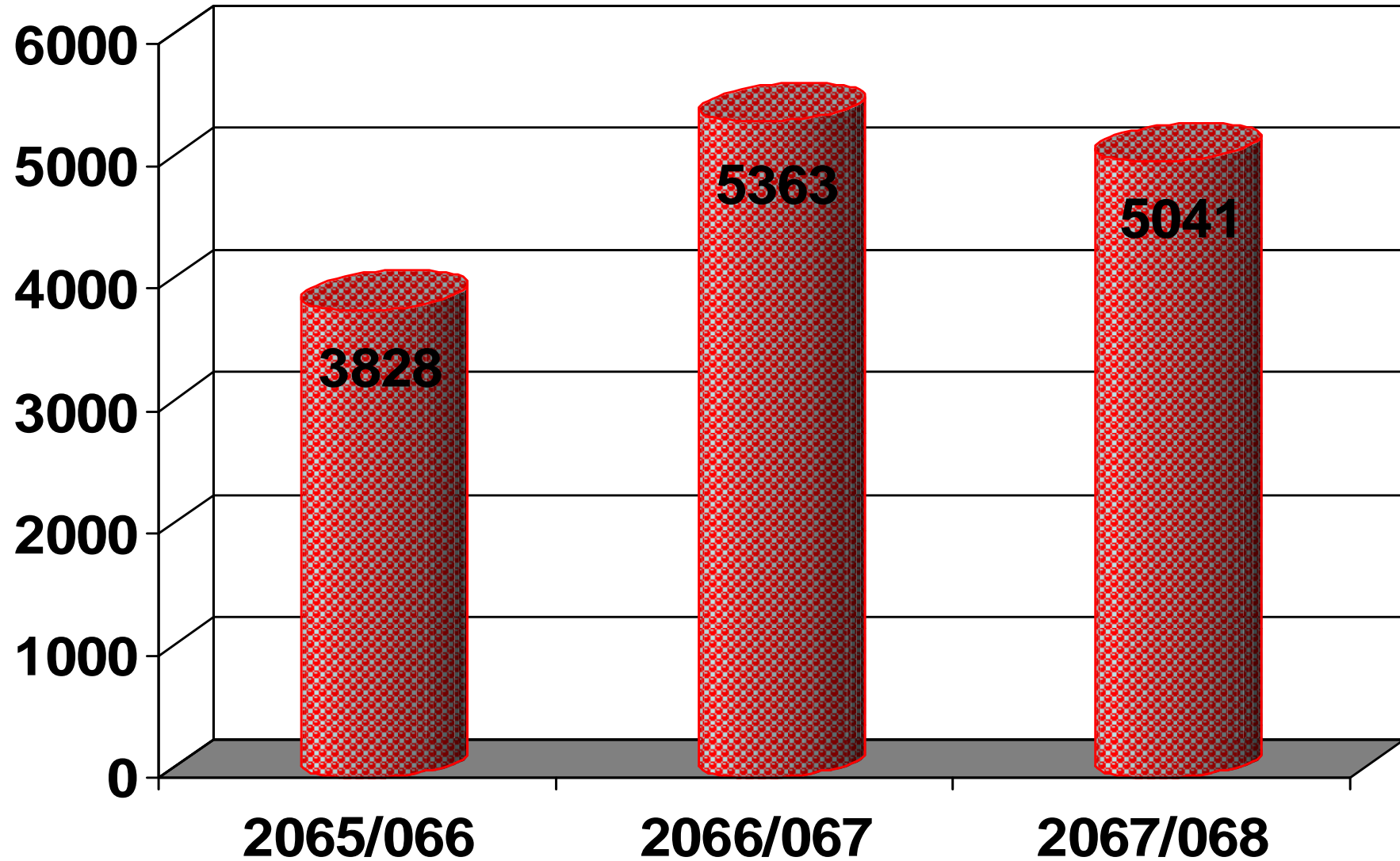
Dental X-ray



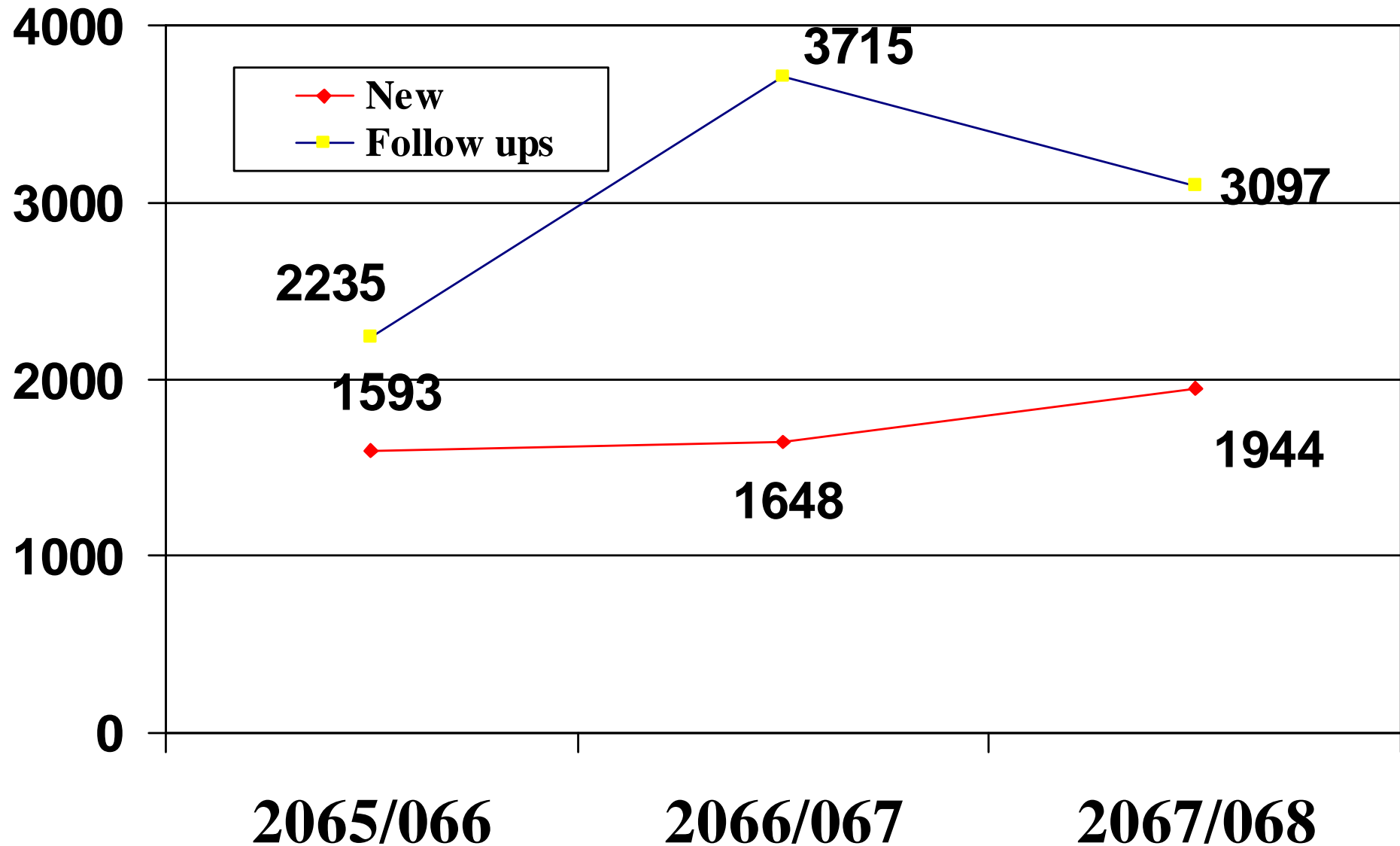
Orthopaedic Surgery Department

1. Physiotherapy Unit

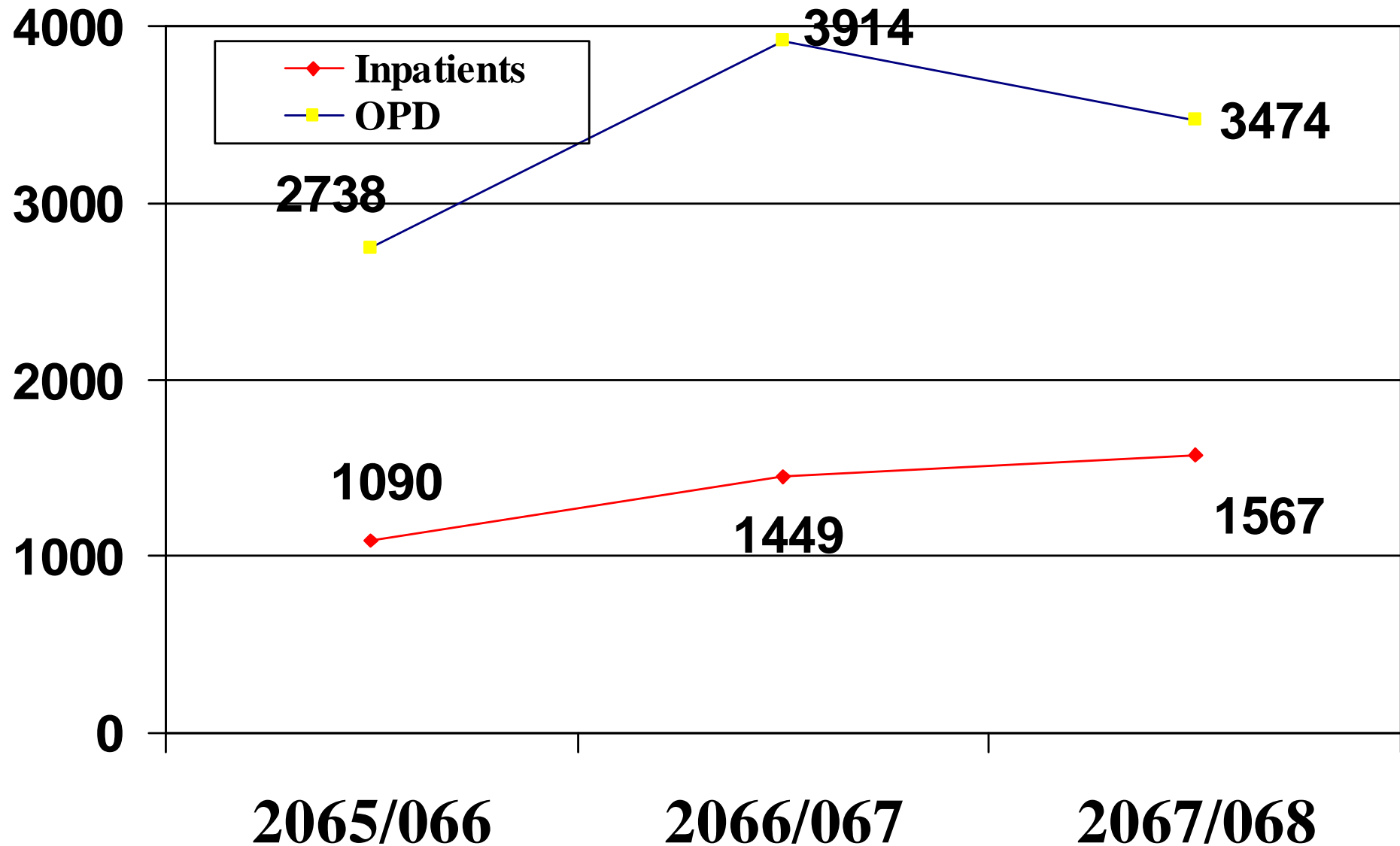
No of Physiotherapy Services



Types of Physiotherapy Patients-1



Types of Physiotherapy Patients-2



१. स्थायी प्रकृतिको एकजना कार्यालय सहयोगी आवश्यक रहेको,

२. मर्मत नगरी नहुने अवस्थामा रहेका औजारहरु

१. S.W. Diathermy,

२. U.S. Therapy,

३. TENS

४. Traction

३. सेवा बृद्धि गर्न नयाँ खरिद गर्नु पर्ने औजारहरु

१. IFT (Delta Company)

२. UST 1/3 MHZ (Delta Company)

३. SWD – 500 Watt (Delta Company)

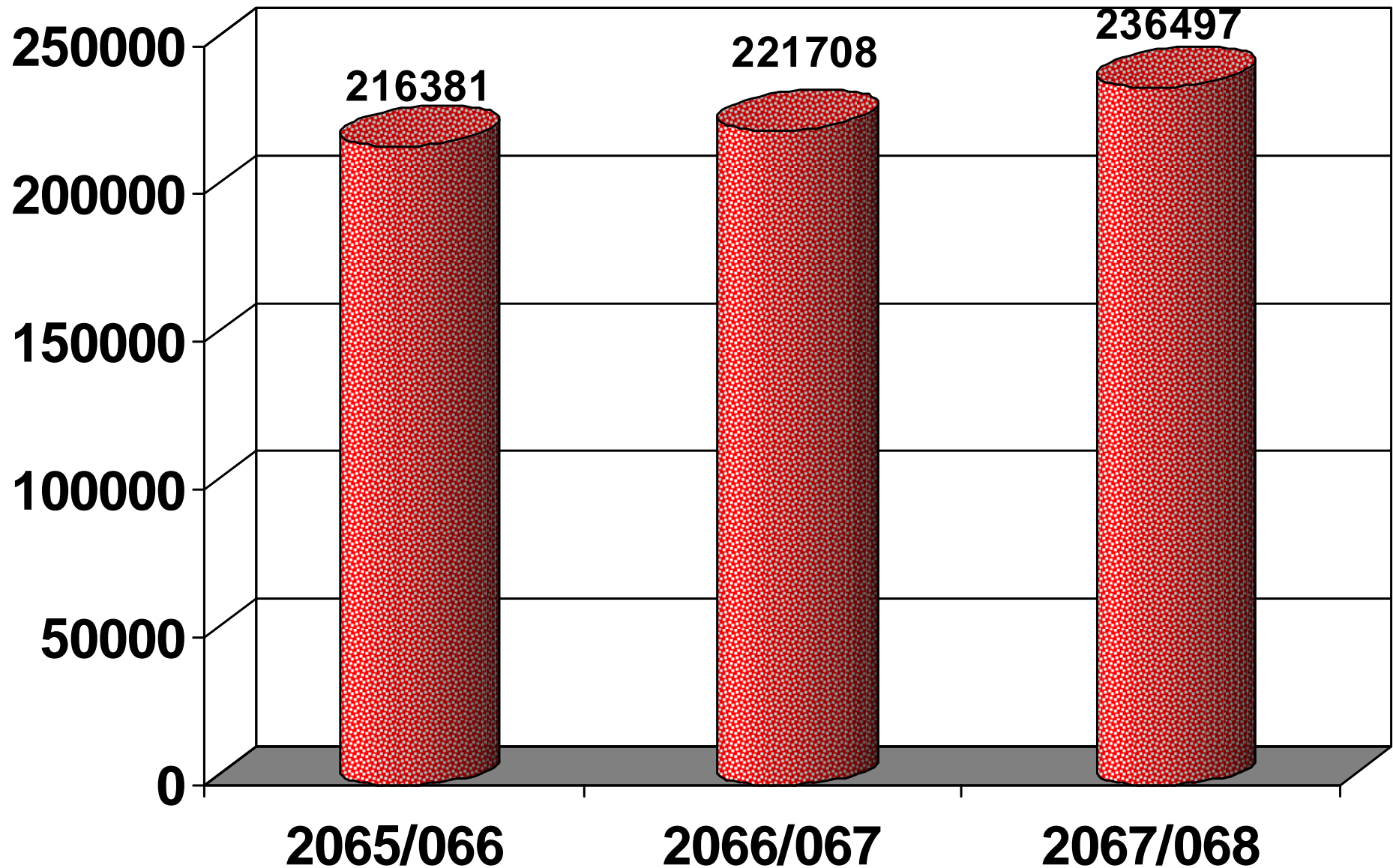
४. CPM – Deluxe (Delta Company)

५. Electric Traction Machine Manual (Delta Company)

६. Hydroculator – 4 Pack (Delta Company)

Laboratory Department

Total No. of Laboratory Services

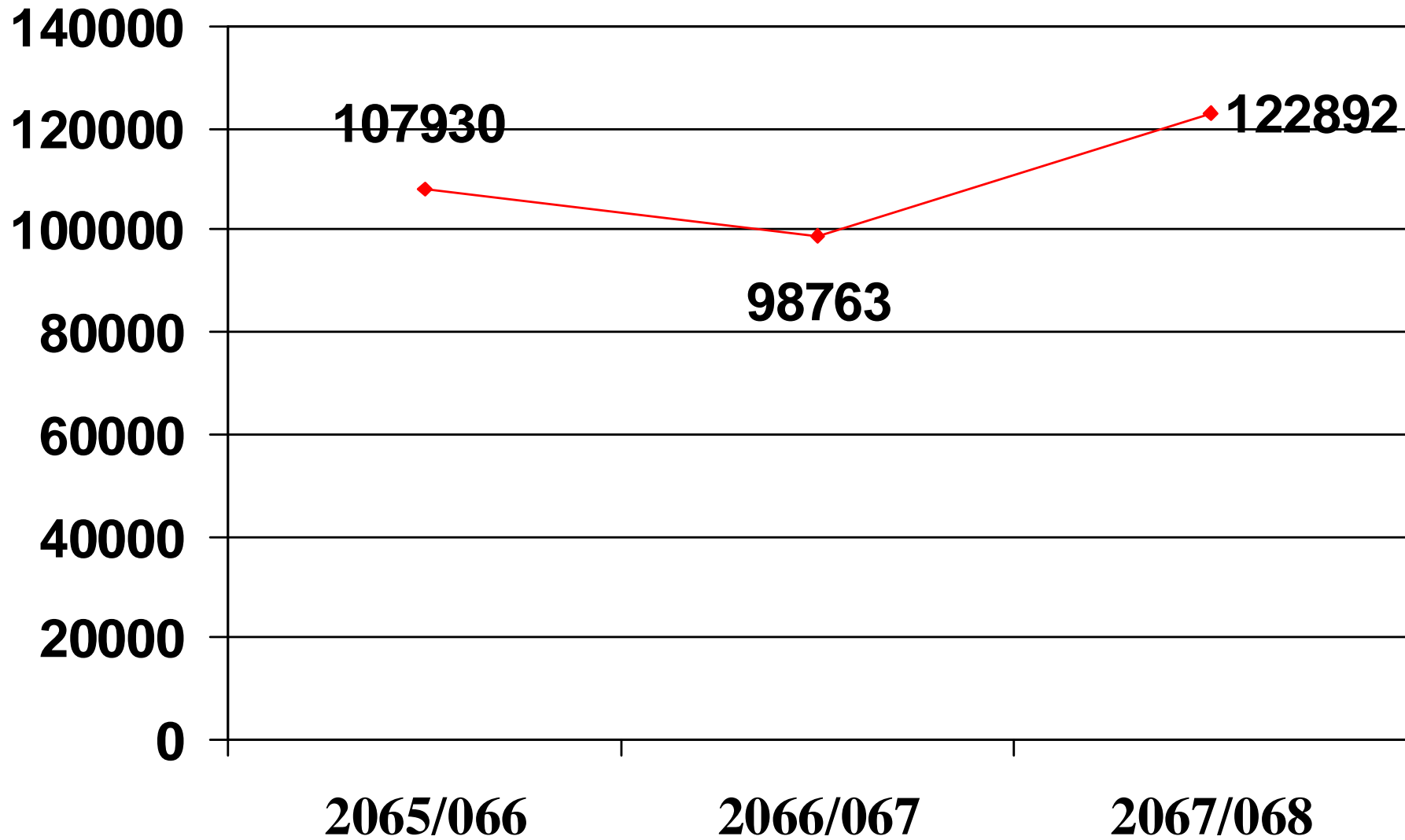


Name of Unit Under Laboratory Service Department

- 1. Hematology Unit**
- 2. Biochemistry Unit**
- 3. Immunology Unit**
- 4. Microbiology Unit**
- 5. Parasitology Unit**
- 6. Hystocytopathology Unit**

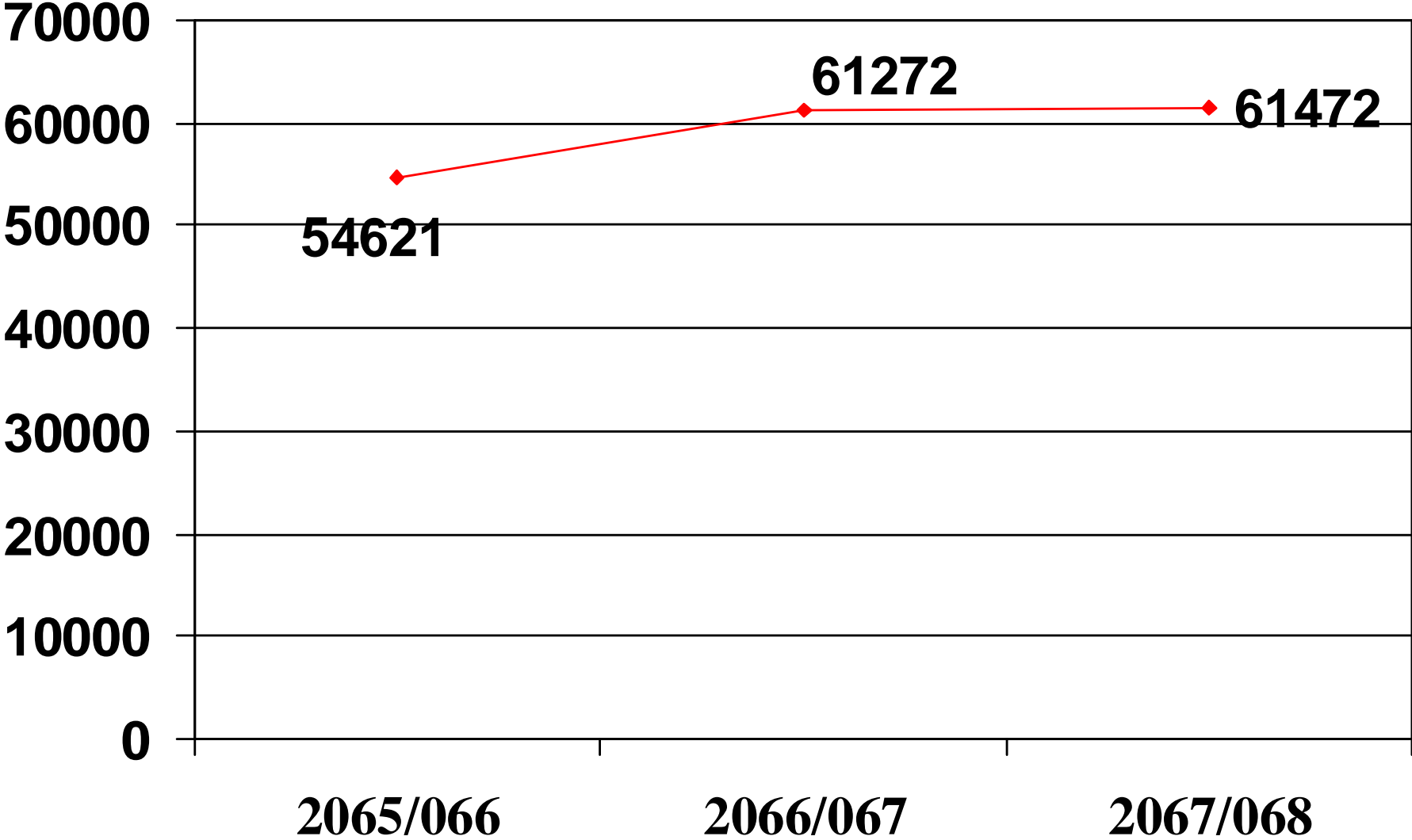
1 Hematology Unit

Total No. of Haematology Services



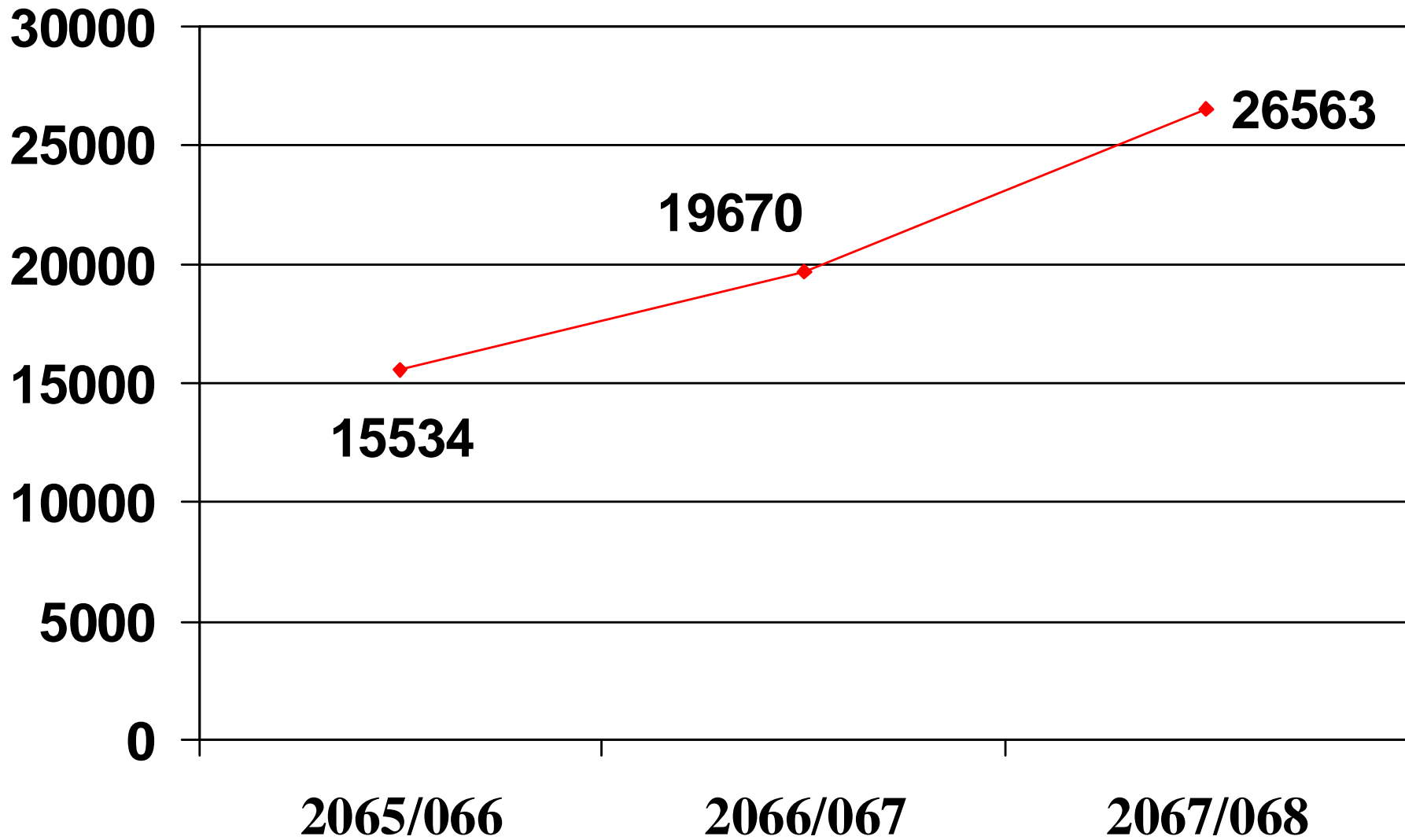
2 Biochemistry Unit

Total No. of Bio-Chemistry Services



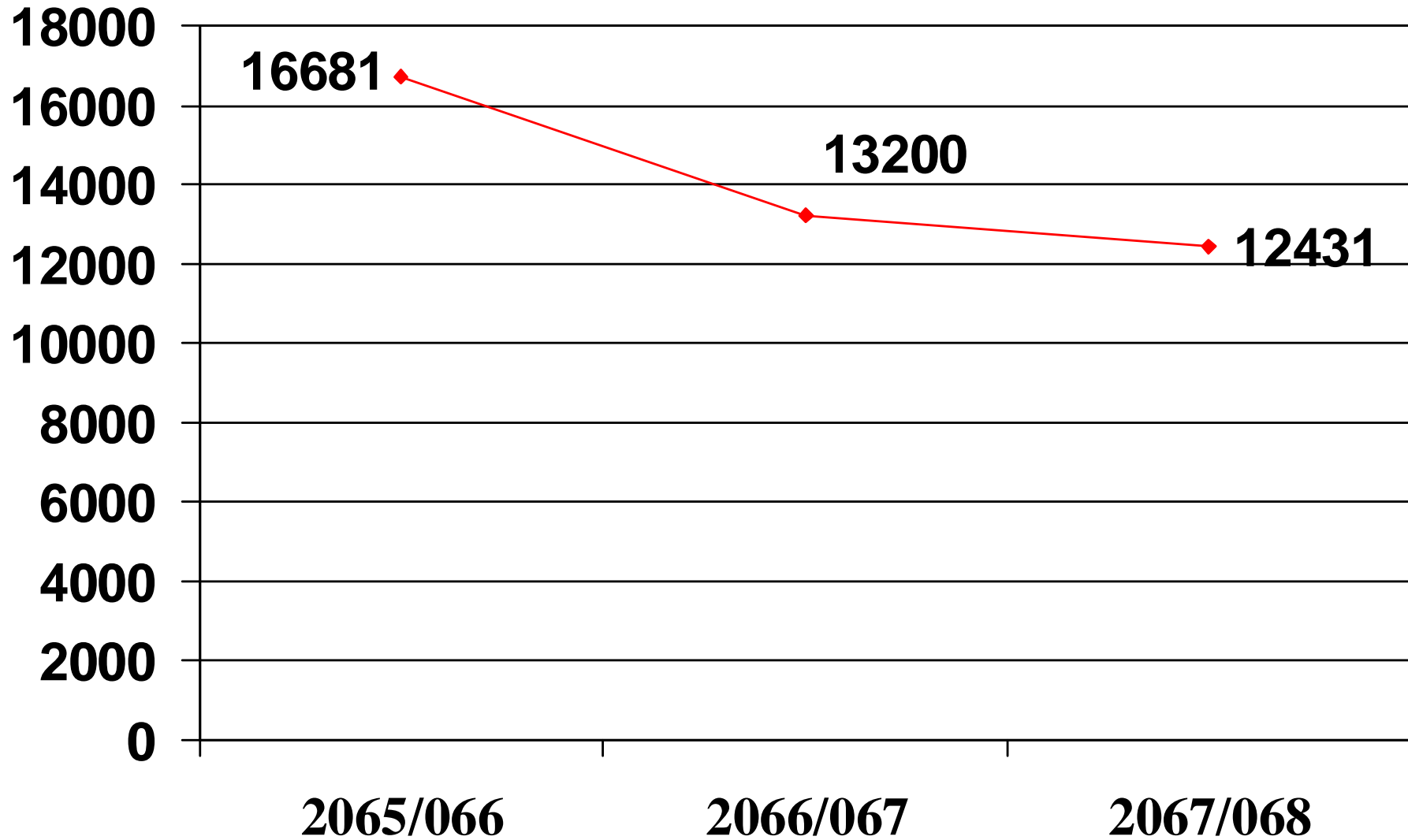
3 Immunology Unit

Total No. of Immunology Services



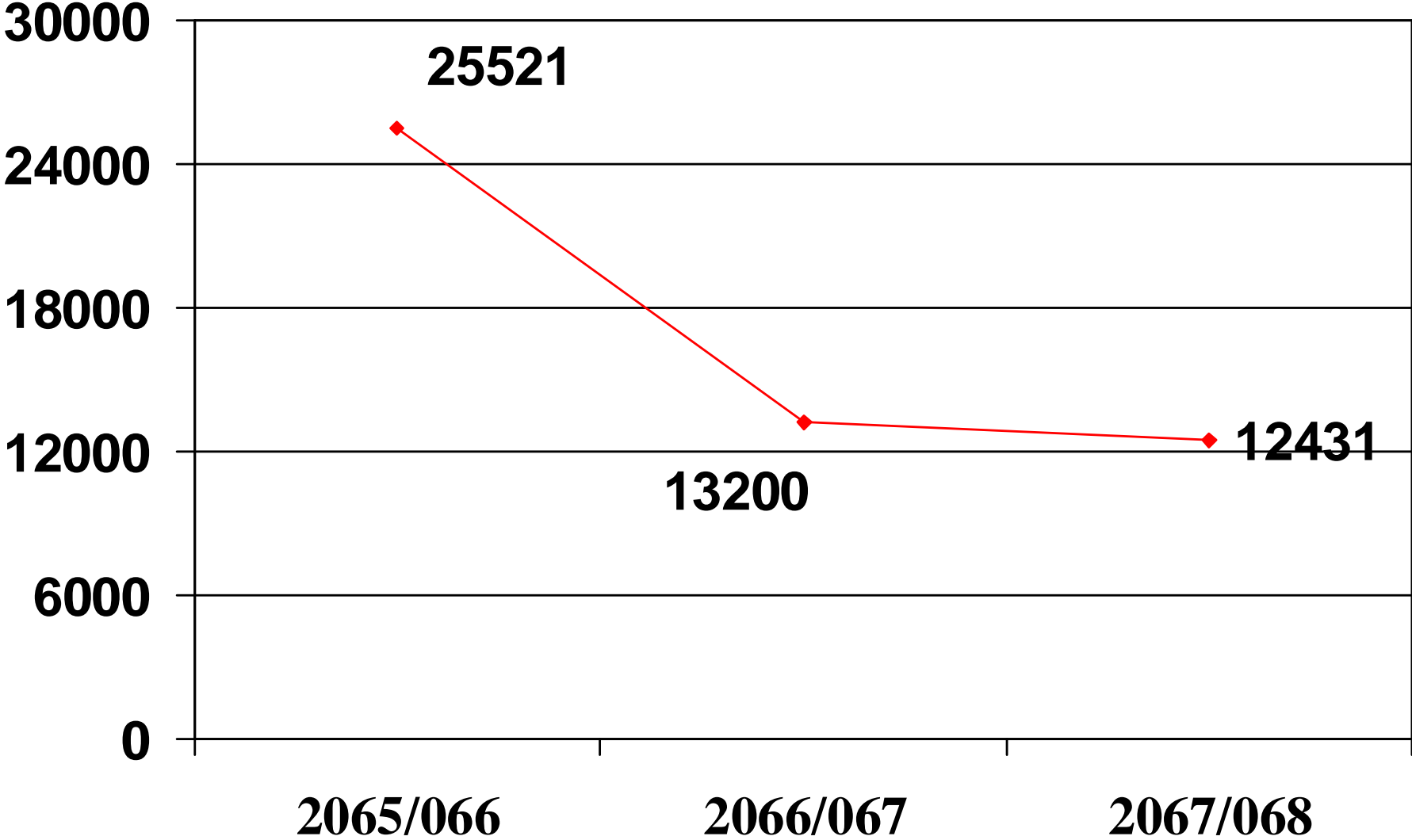
4 Micro Biology Unit

Total No. of Micro-Biology Services



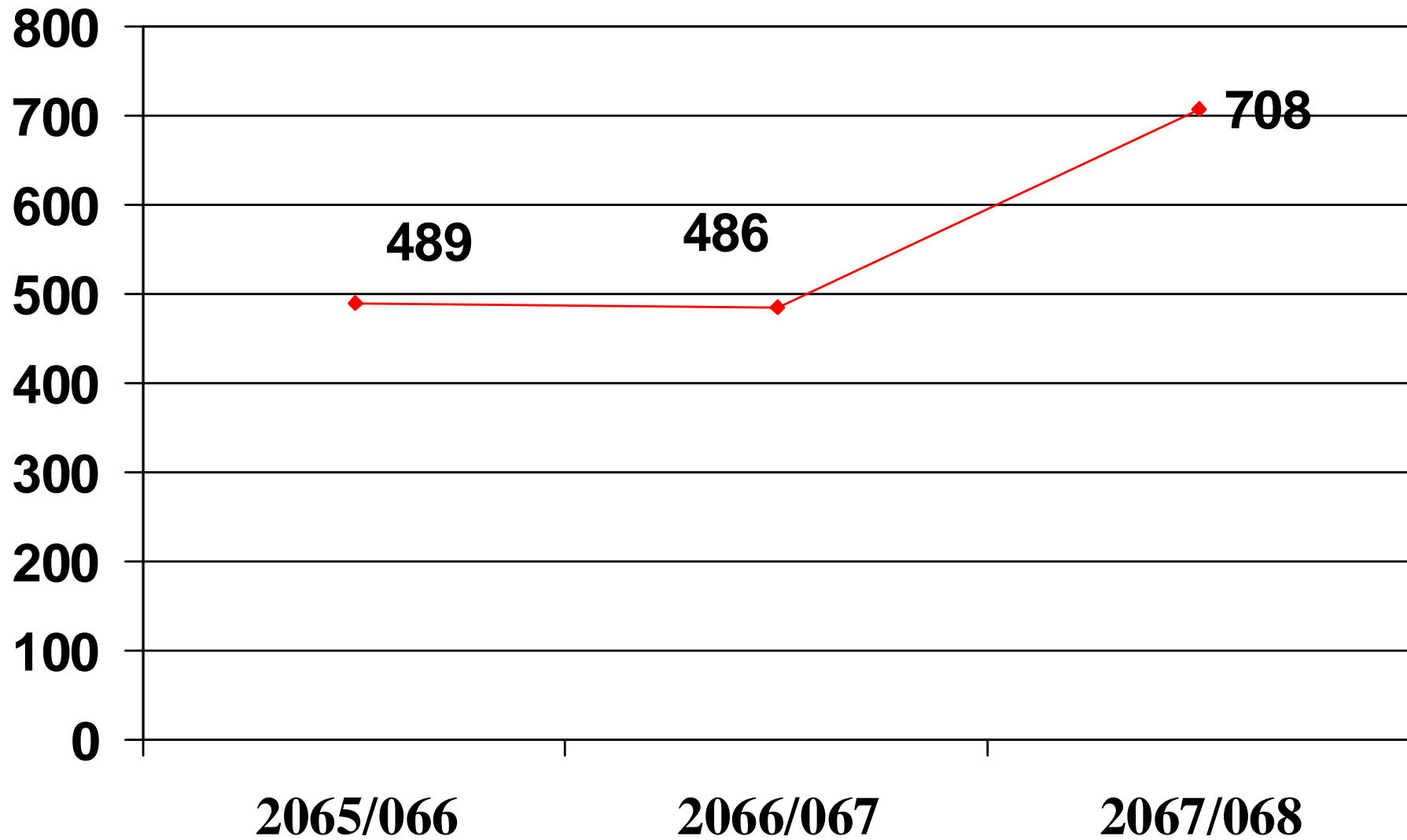
1 Parasitological Unit

Total No. of Parasitological Services

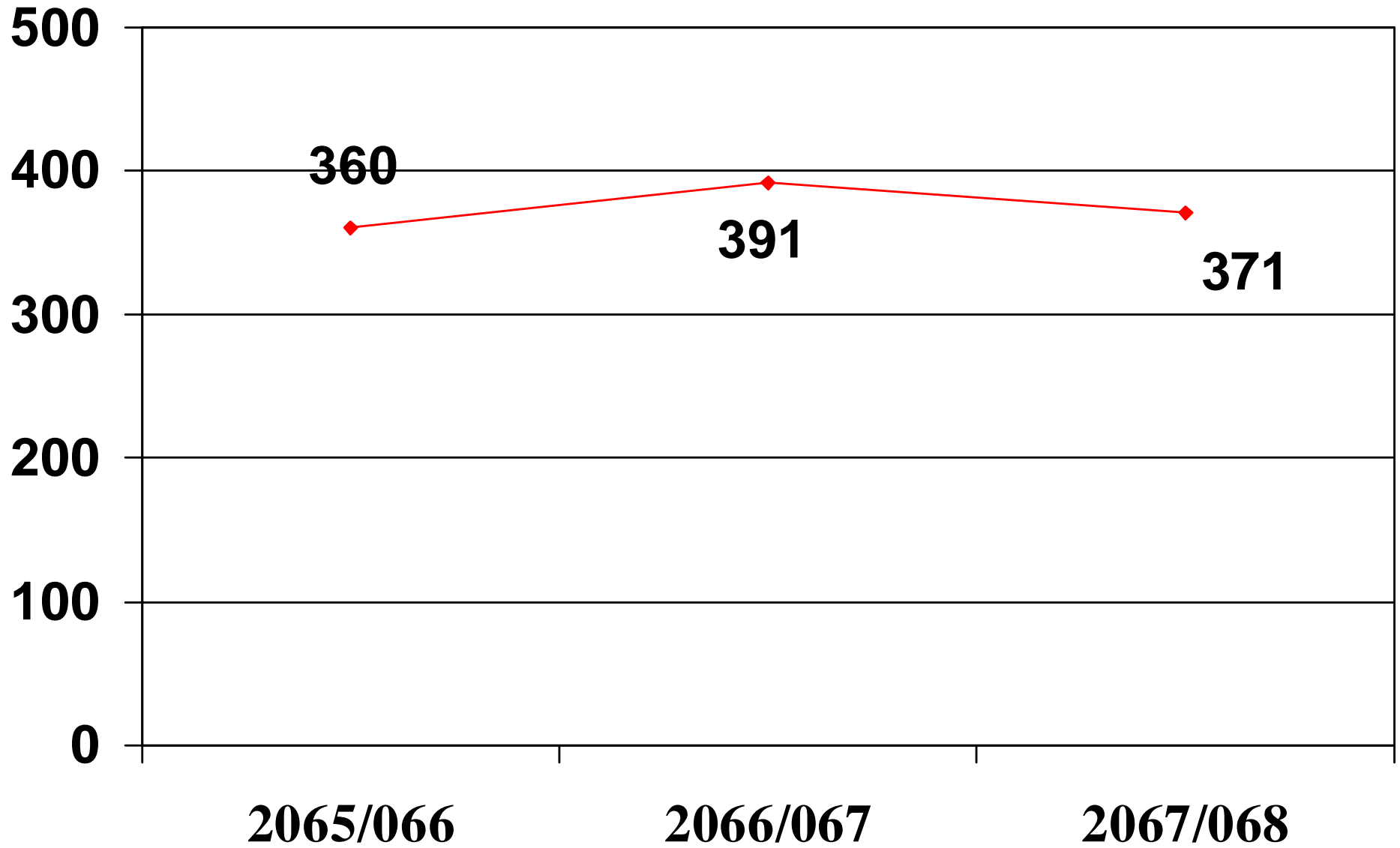


Histo-cytopathology Unit

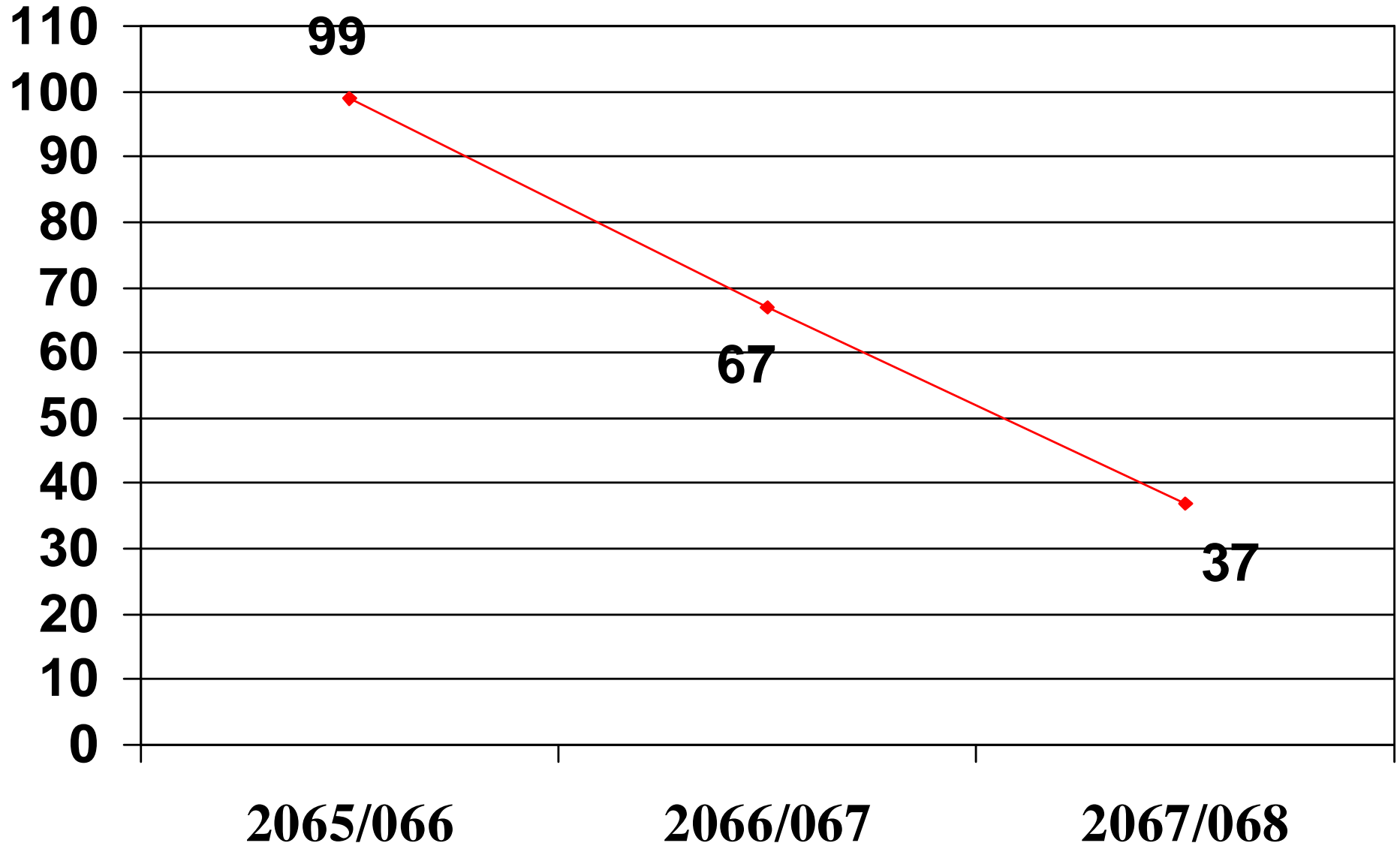
Total No. of Histo-Cytopathological Services



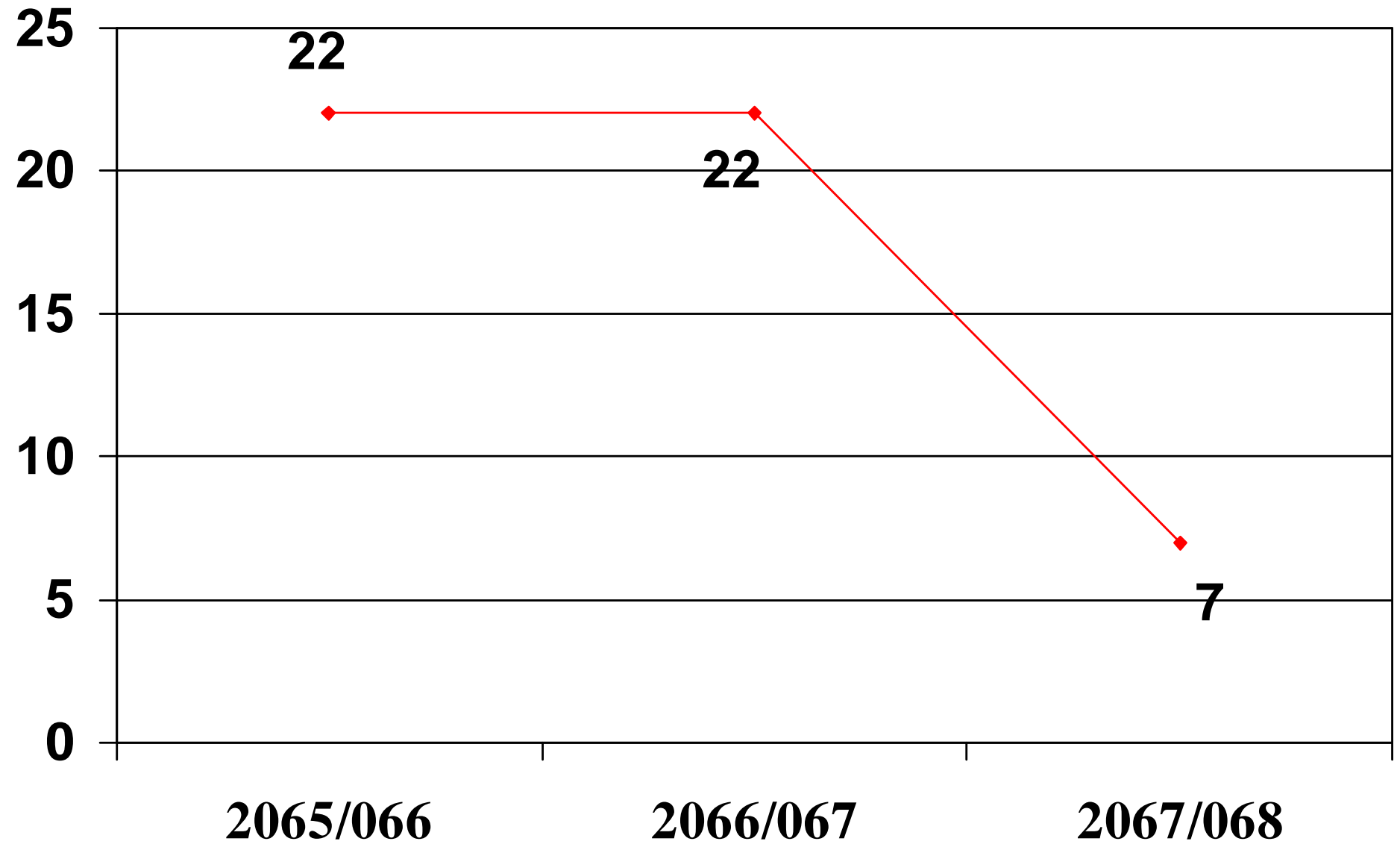
FNAC Services



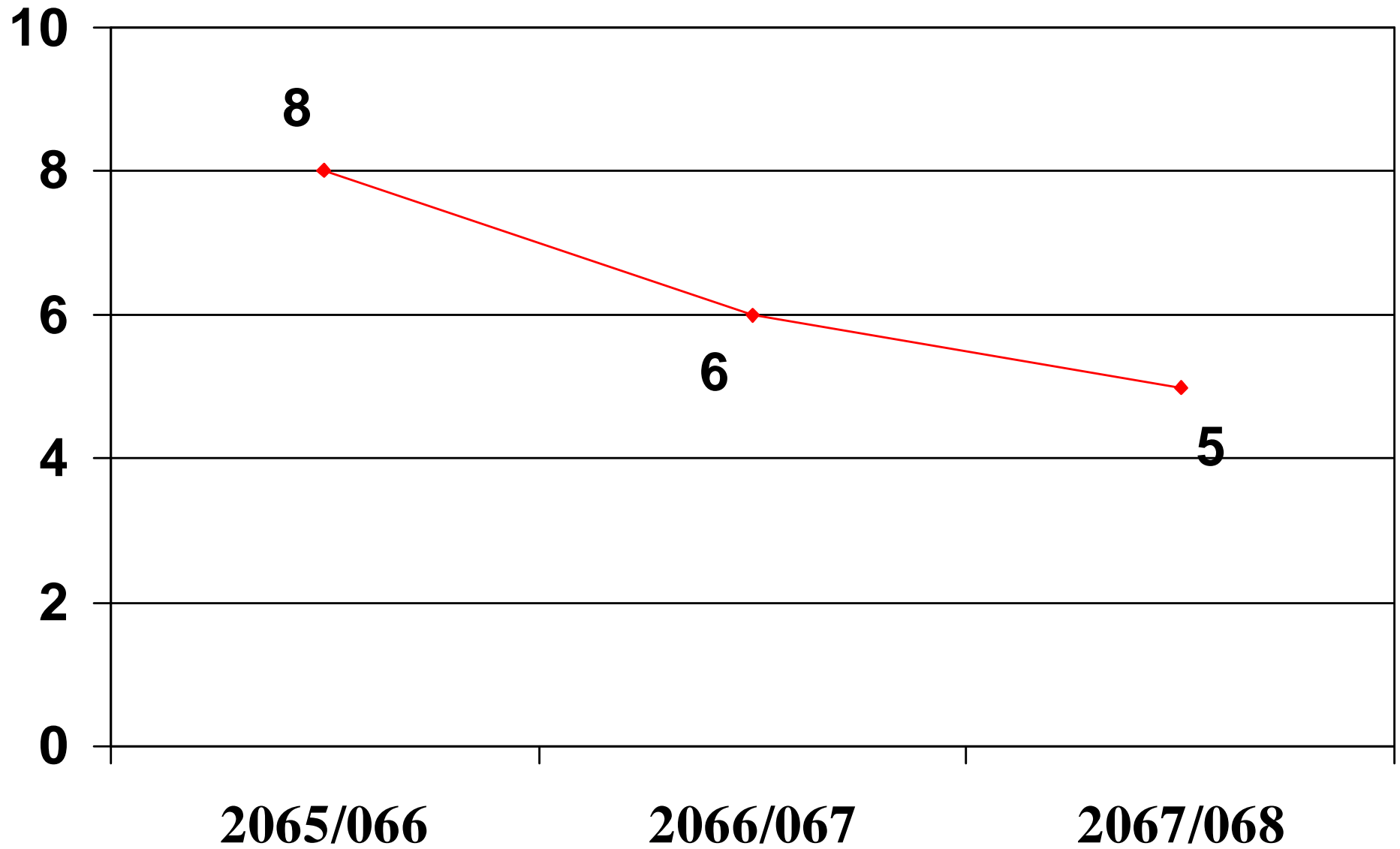
PAP Smear Services



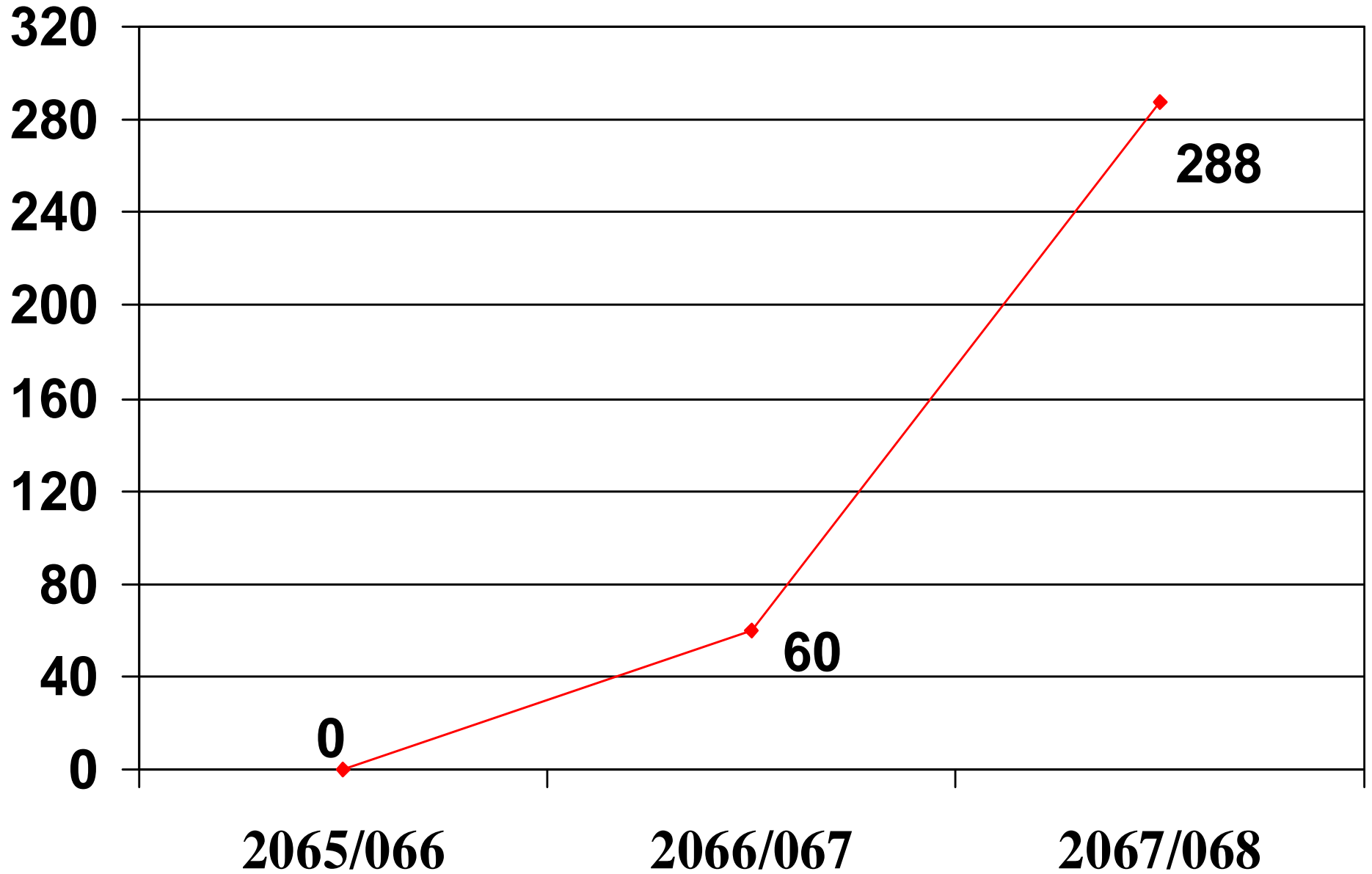
Fluid Cytology Services



Bone Marrow Services



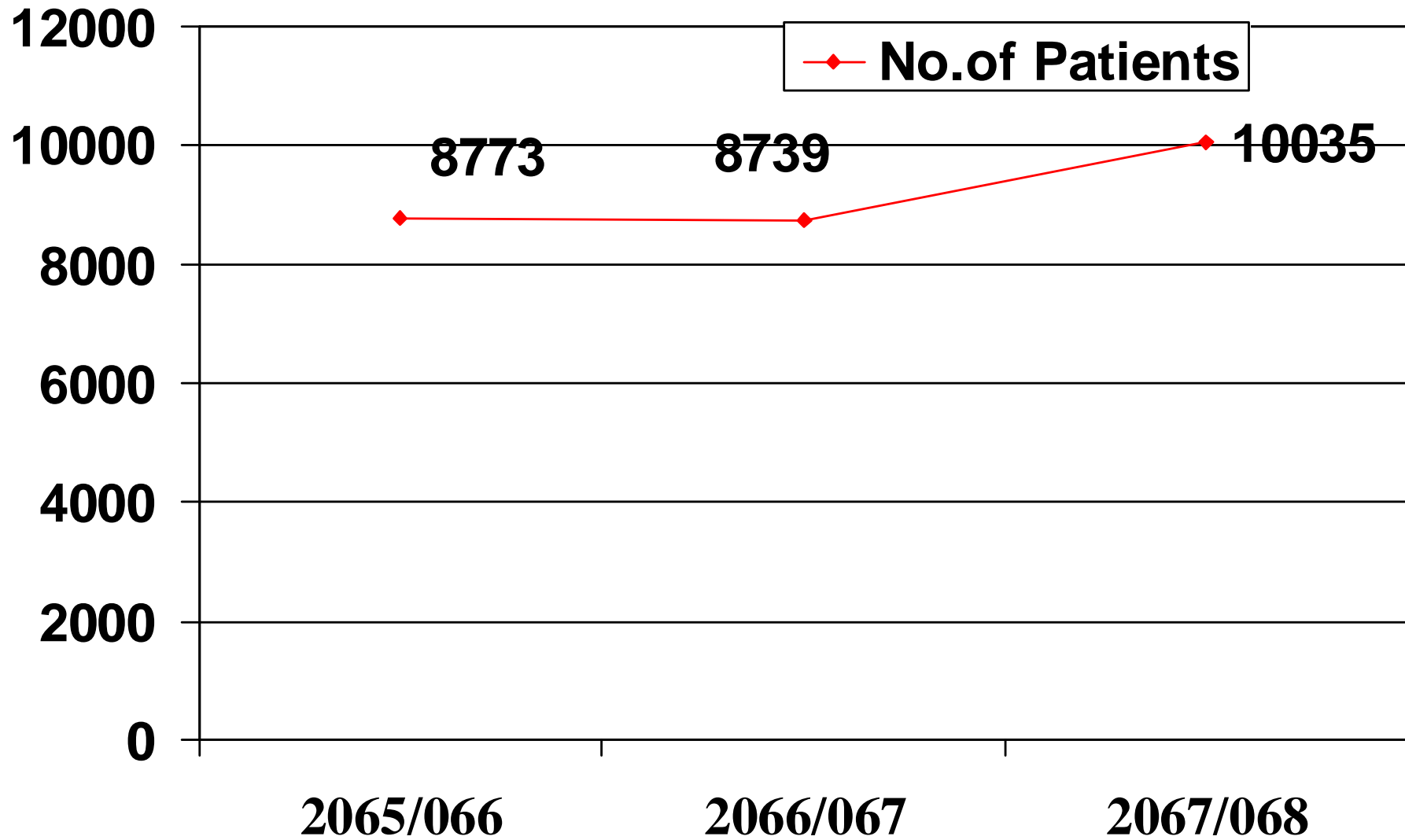
Biopsy Test Services



Radiology Department

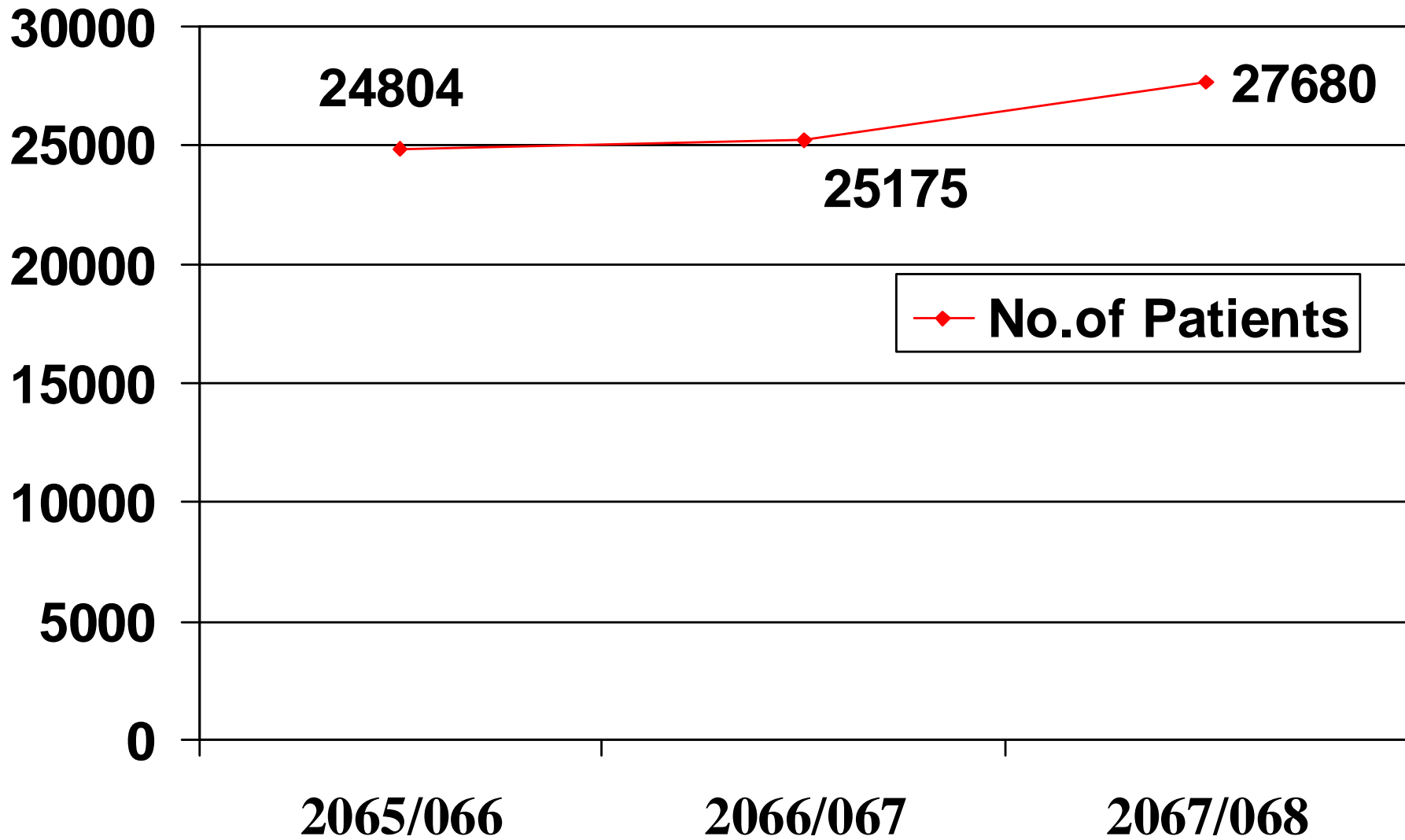
1. Ultrasound Unit

Total Ultrasound Services

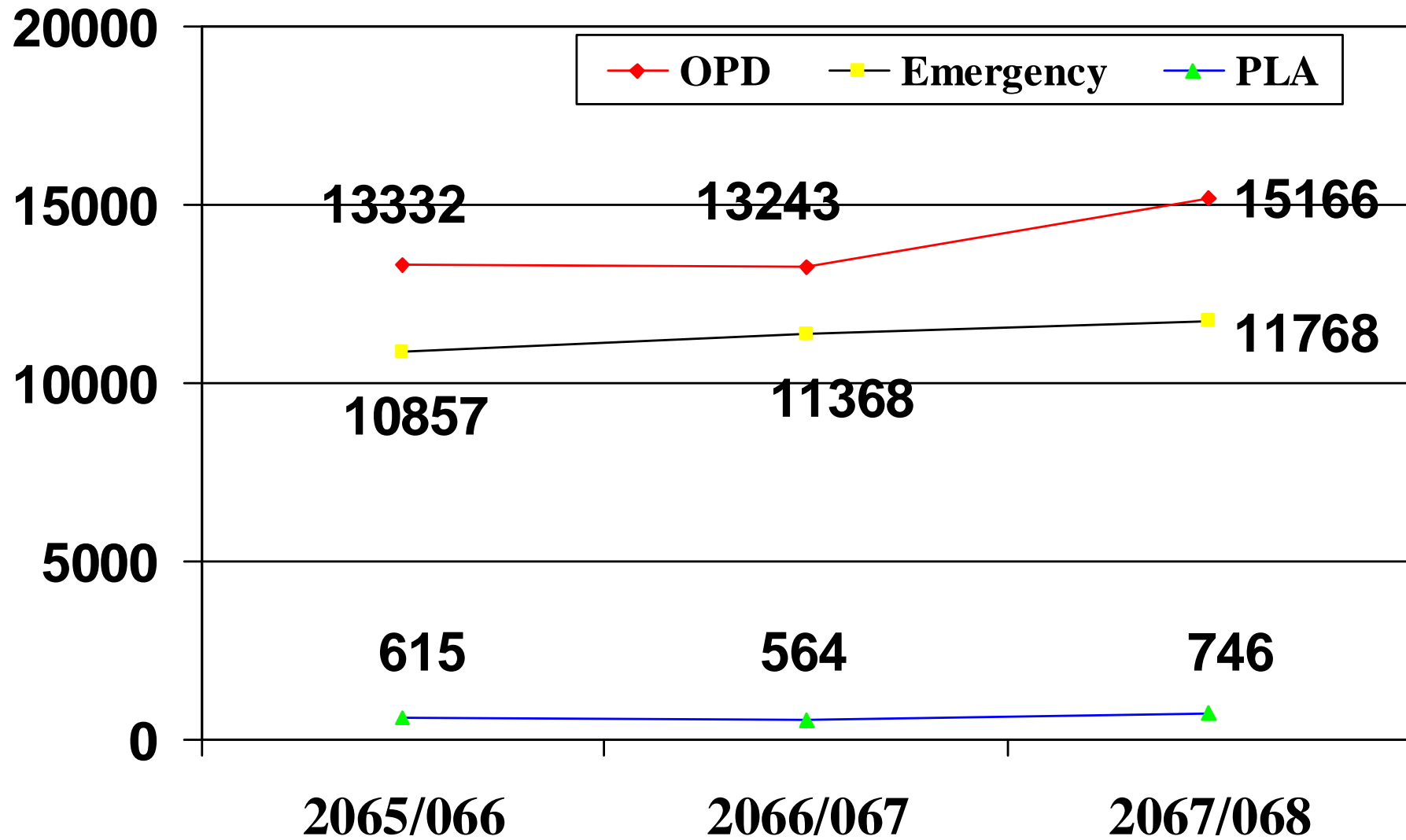


2. X-ray Unit

Total No. of X-ray



Different Types of X-ray



% of OPD Patients' X-ray

S. No.	Financial Year	Total OPD Cases	Total No. of OPD Patients X-ray	% of OPD Patients X-ray
1	2065/066	1,13,786	15,166	11.7%
2	2066/067	1,15,986	13,243	11.4%
3	2067/068	1,18,100	15,166	12.8%
Grand Total		3,47,872	43,575	12.5 %

% of Emergency Patients' X-ray

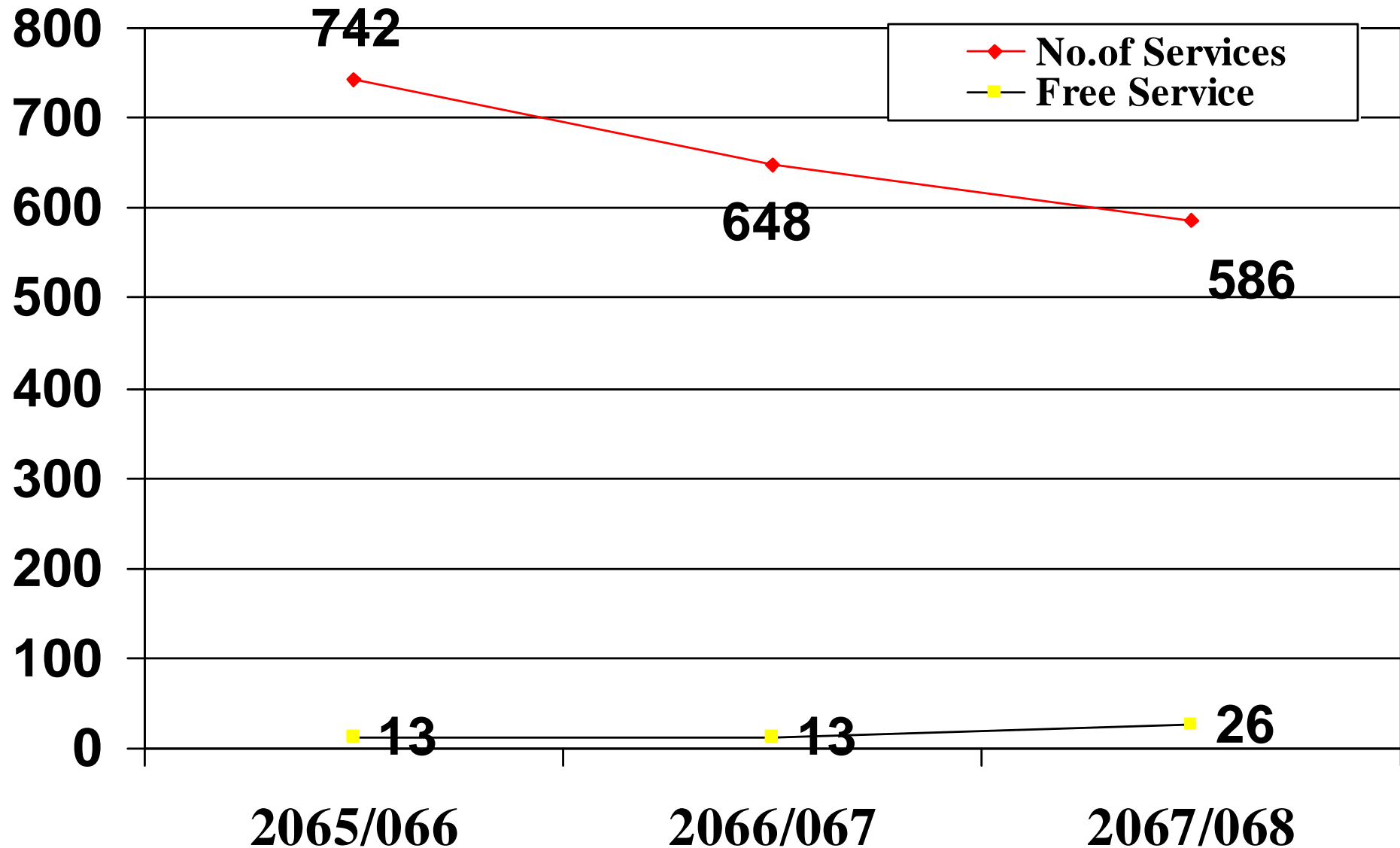
S. No.	Financial Year	Total Emergency Cases	Total No. of Emergency Patients' X-ray	% of Emergency Patients' X-ray
1	2065/066	32,703	10,857	33.2 %
2	2066/067	26,252	11,368	43.3 %
3	2067/068	31,207	11,768	37.7 %
Grand Total		90,162	33,993	37.7 %

ENT Department

Clinical Aspect Review Completed

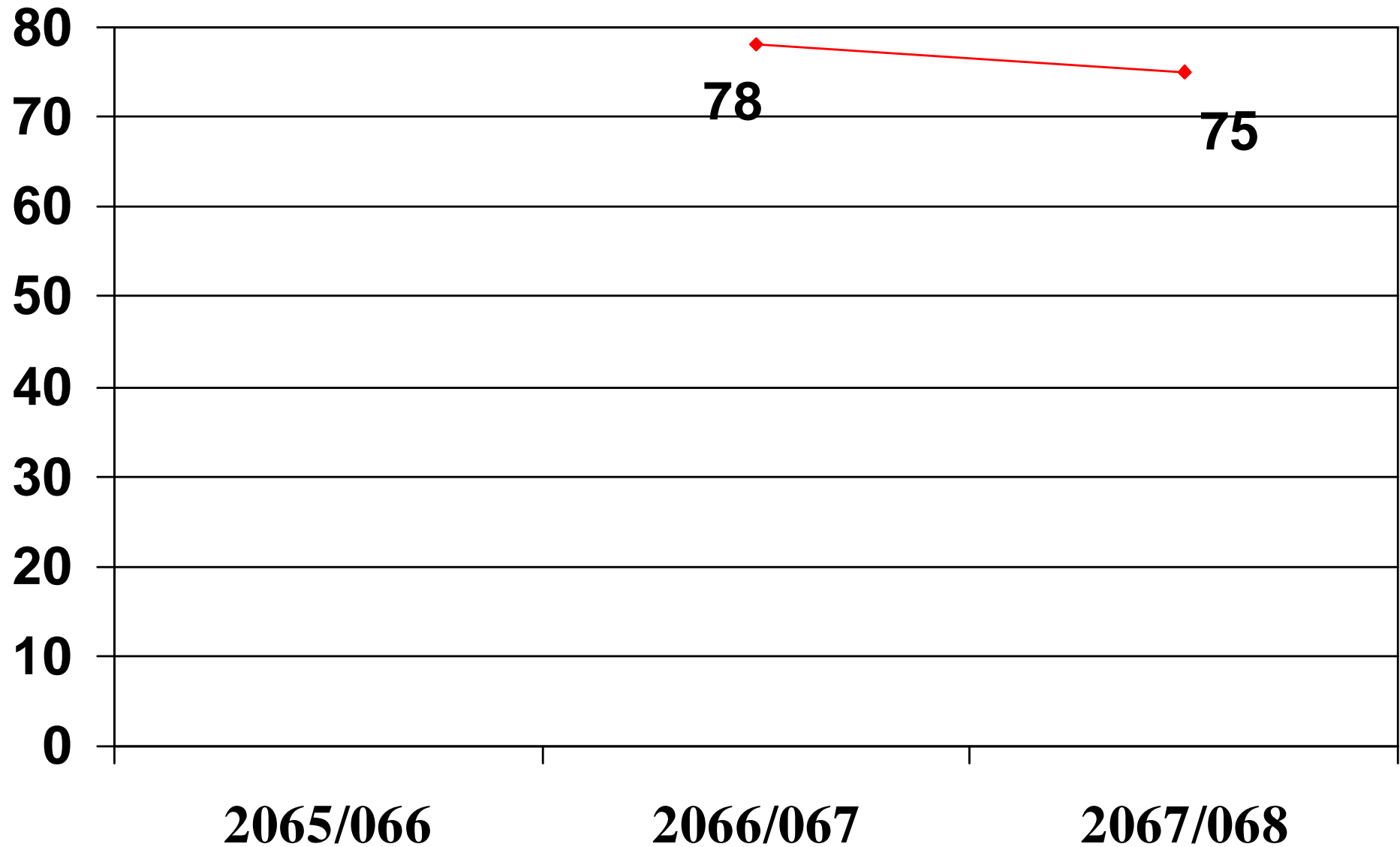
1. Adialogram Unit

Total No. of Audiogram



2 Tympanogram Unit

Total No. of Tympanogram

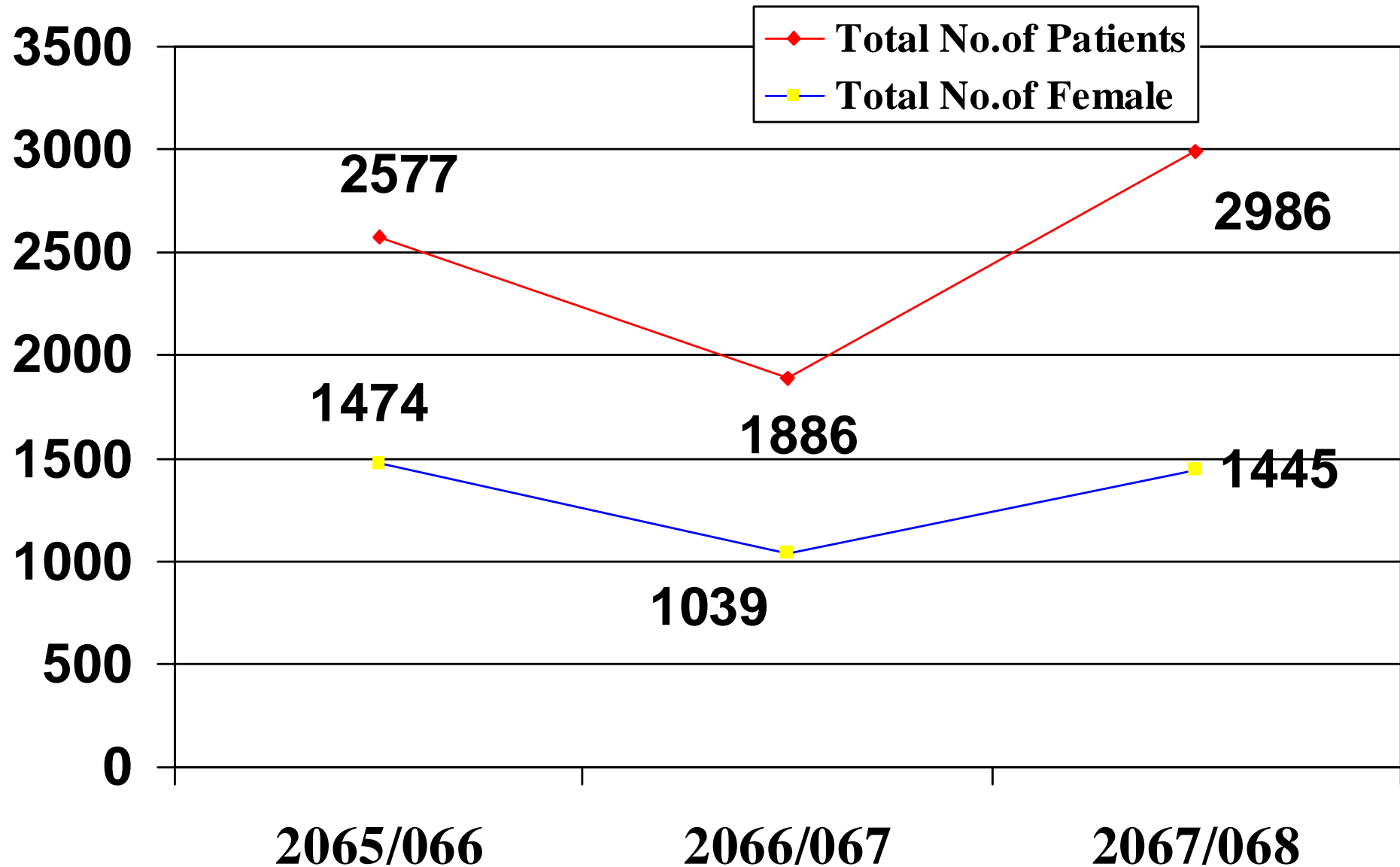


Medical Department

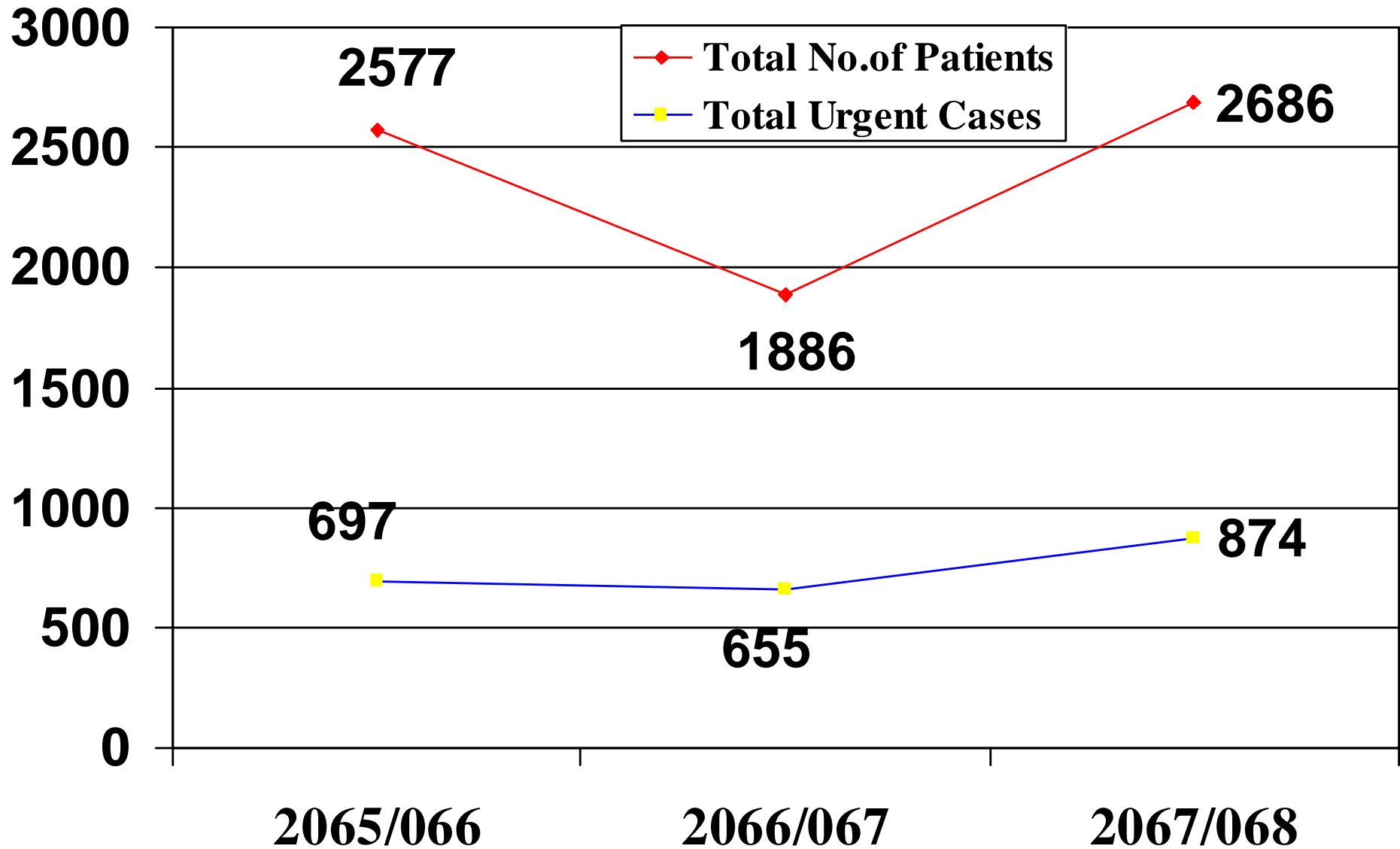
Clinical Aspect Review Completed

1. ECG Unit

Total No. of ECG Services

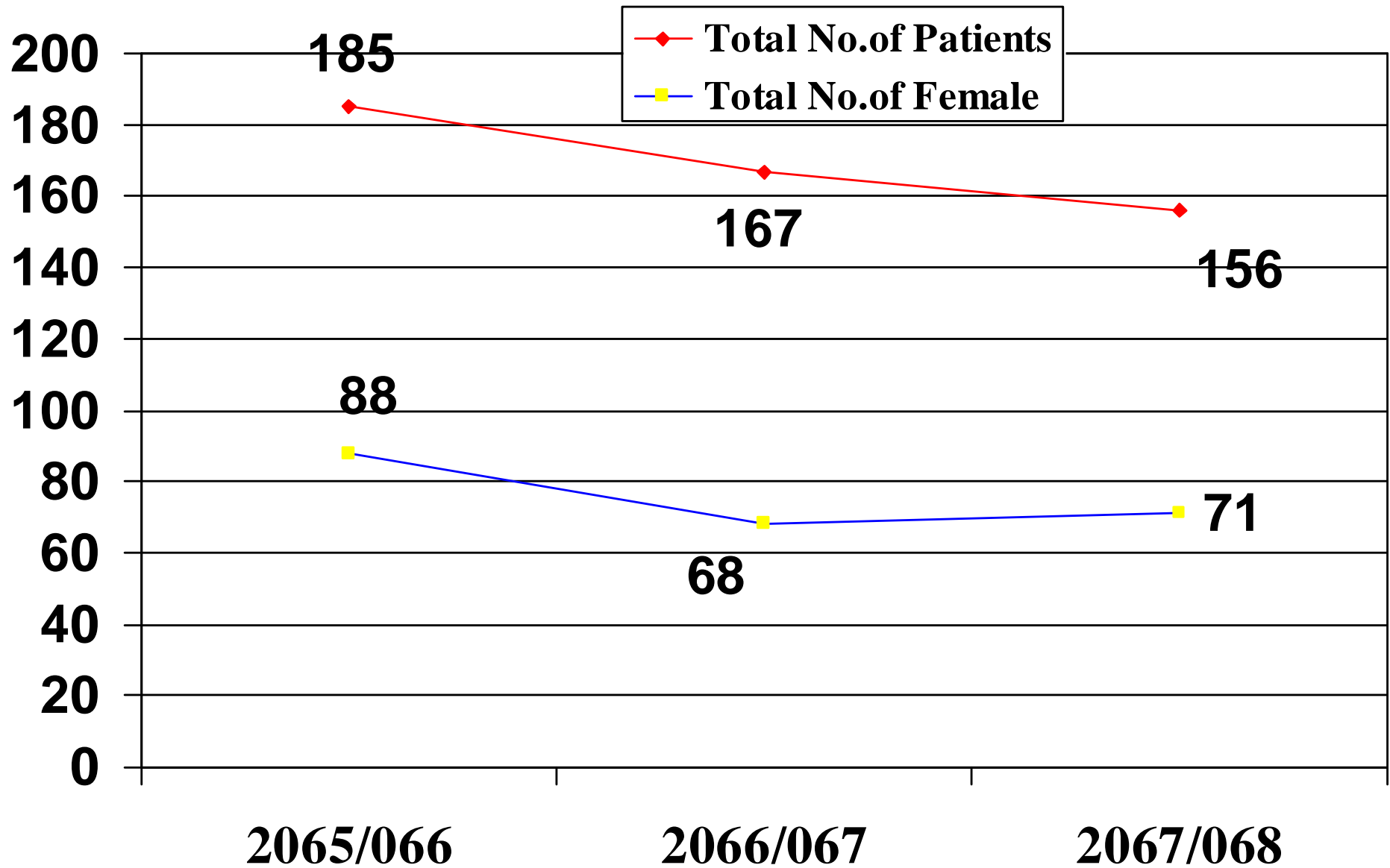


Types of ECG Services

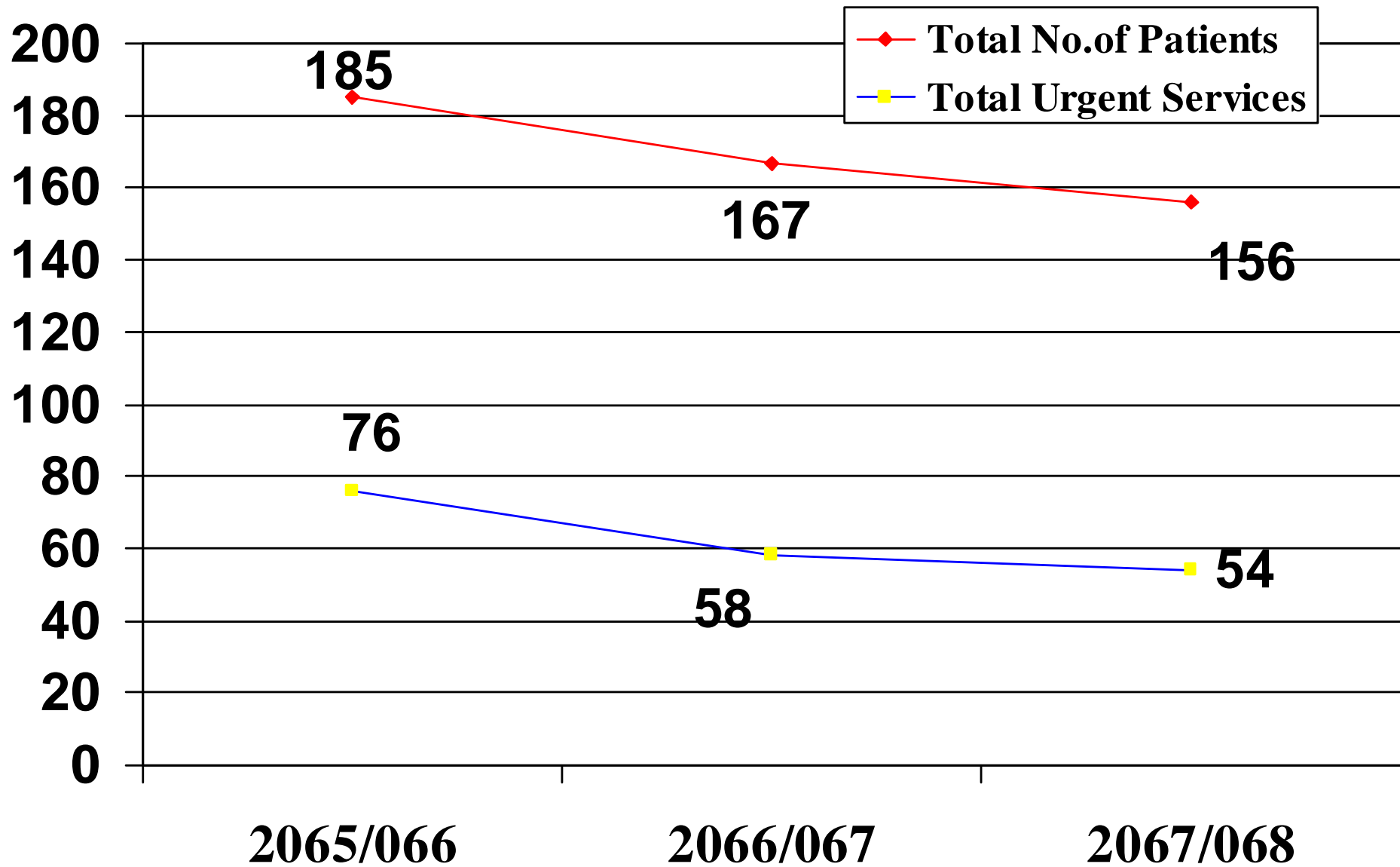


2 Endoscopy Unit

Total No. of Endoscope Services



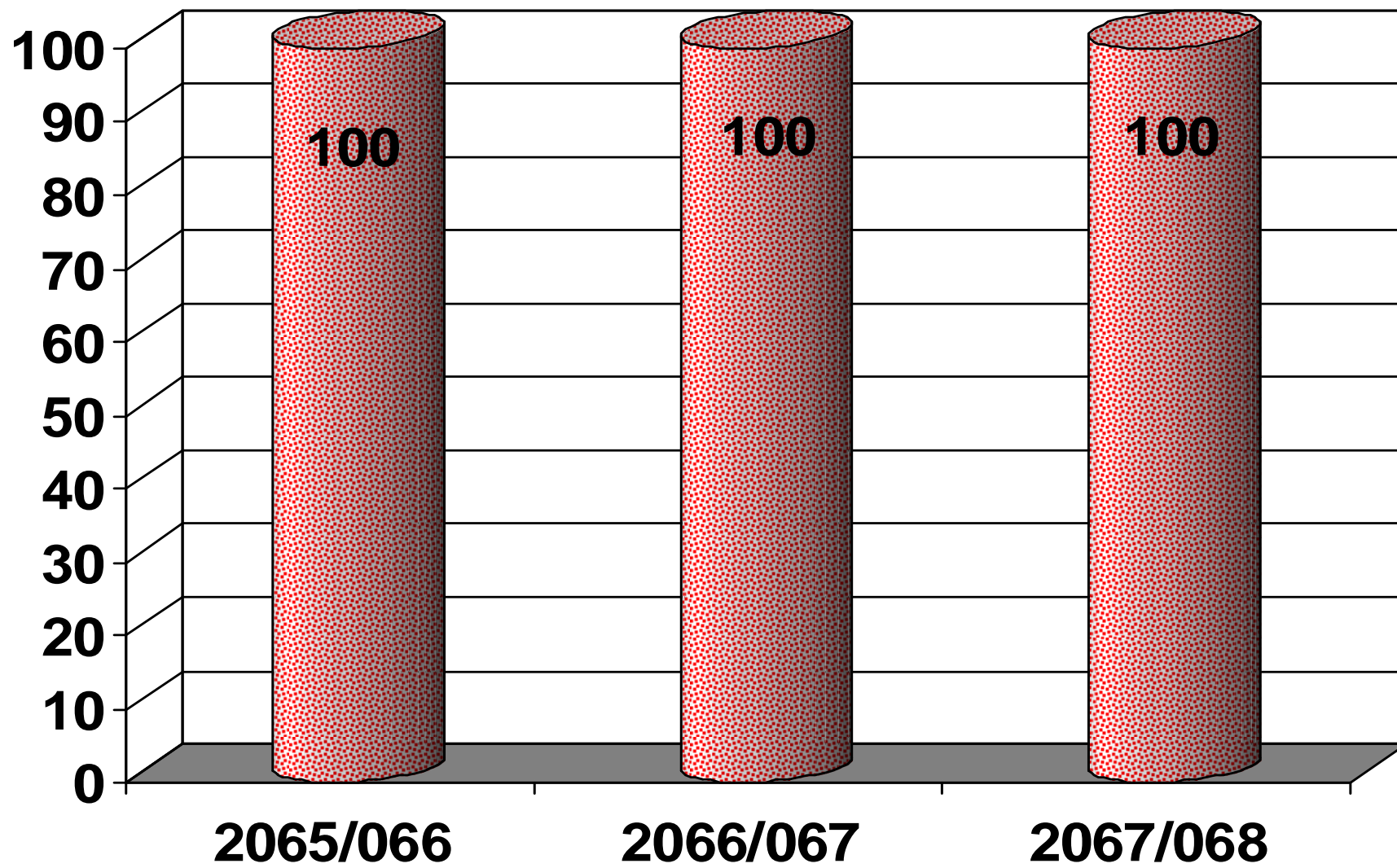
Total No. of Endoscopy Services



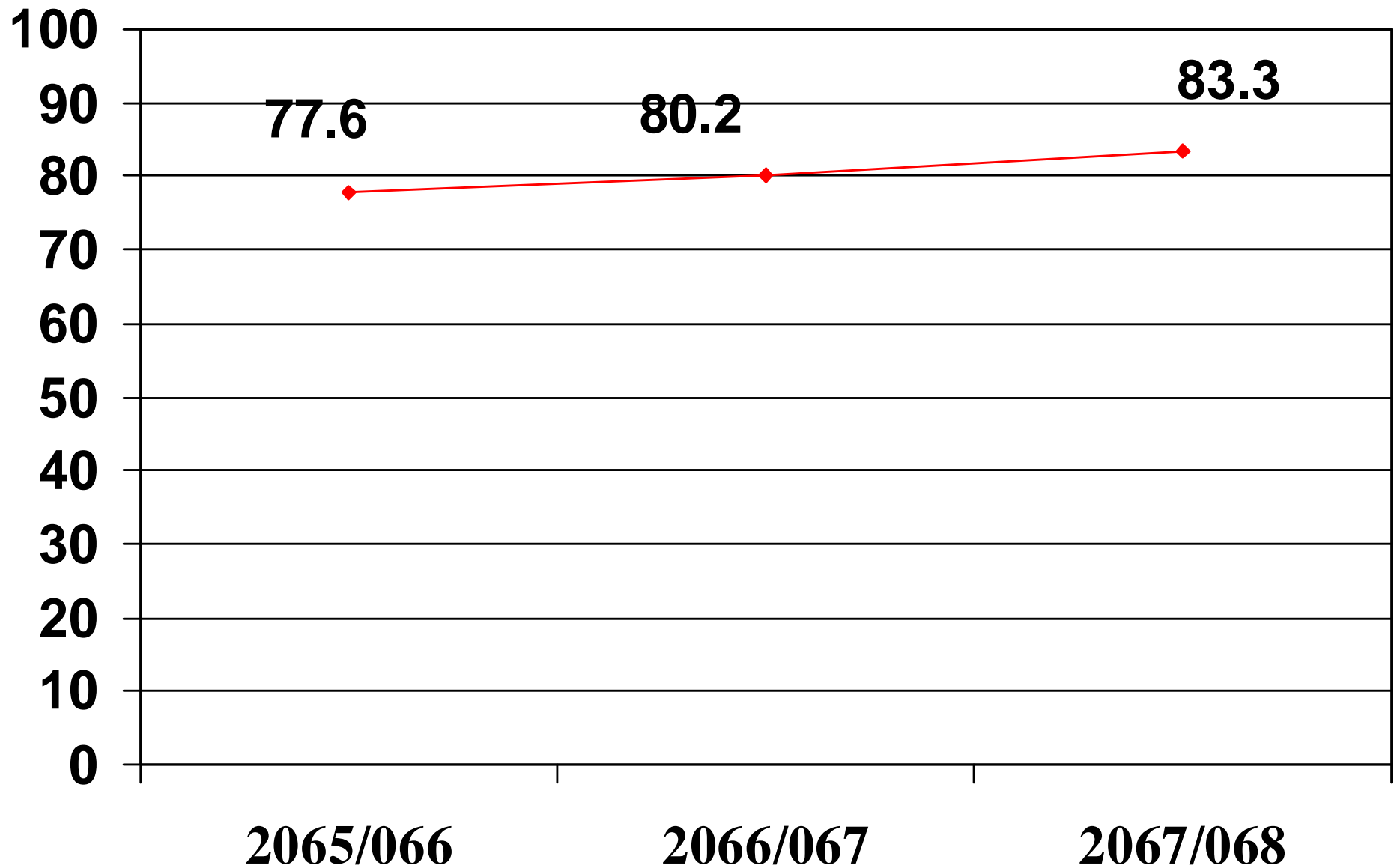
Preventive & Promotive Services

1 Immunization Programme

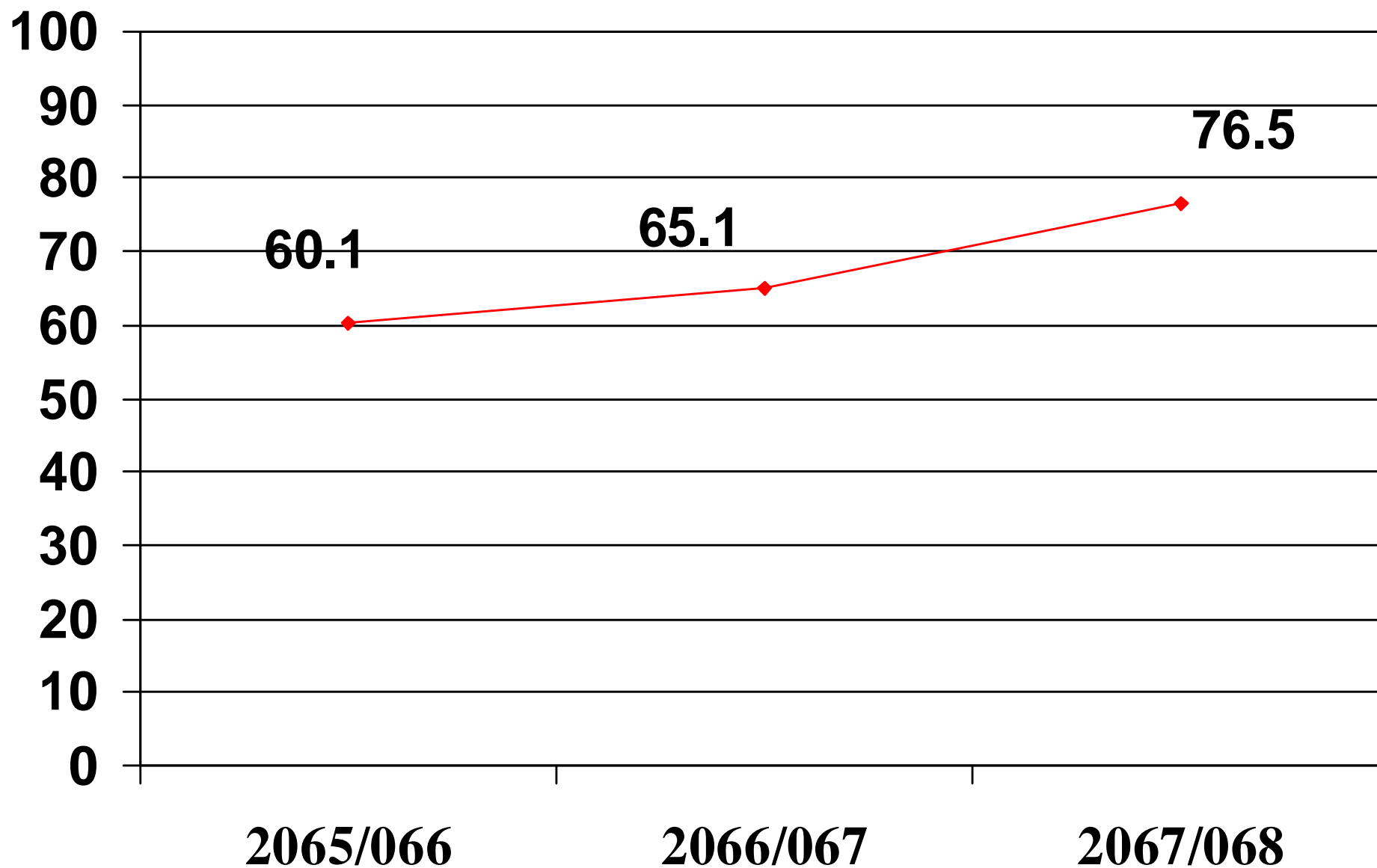
BCG Coverage Rate of Butwal MP (in %)



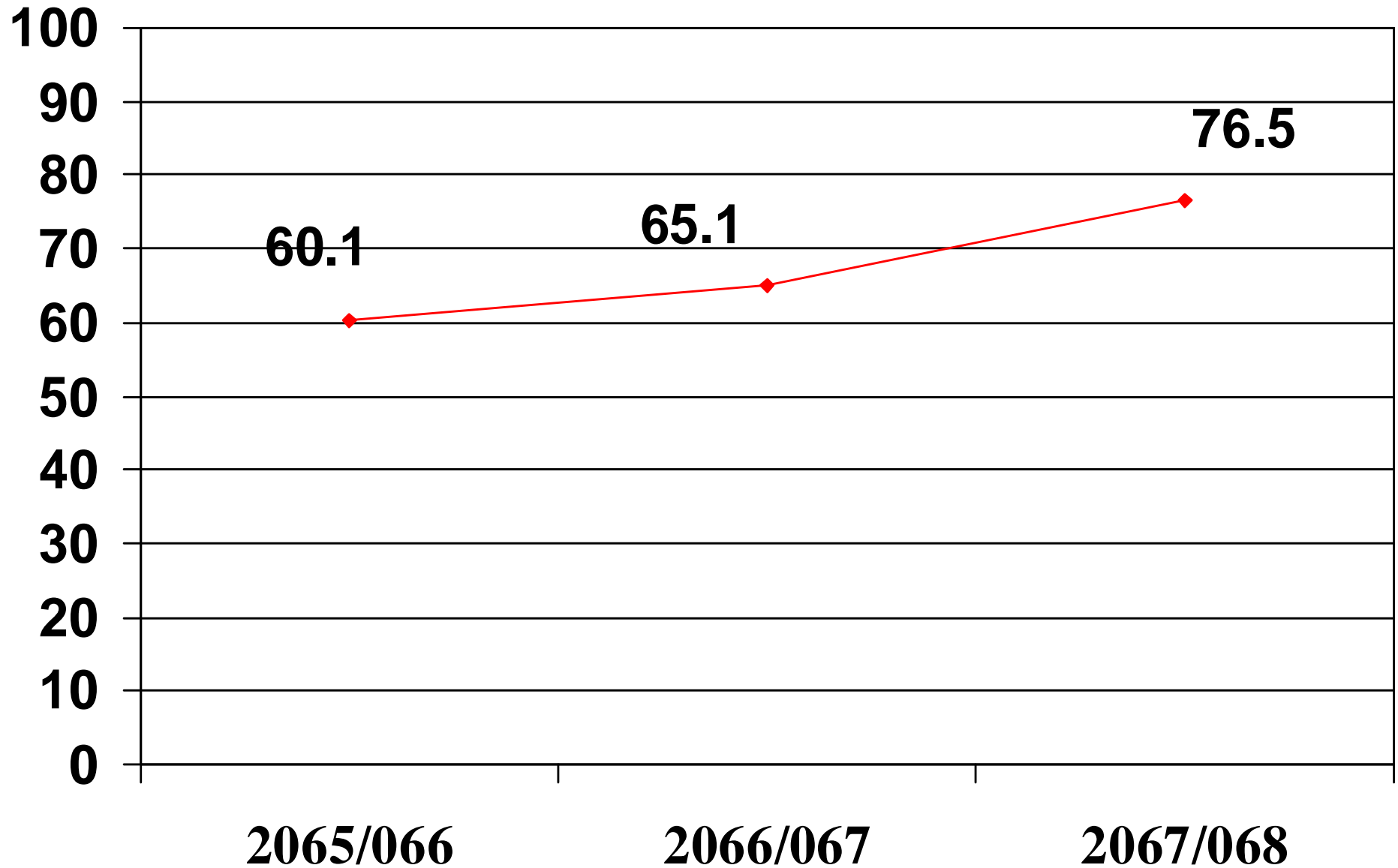
Coverage of DPT-Hep B 3 of Butwal MP (in %)



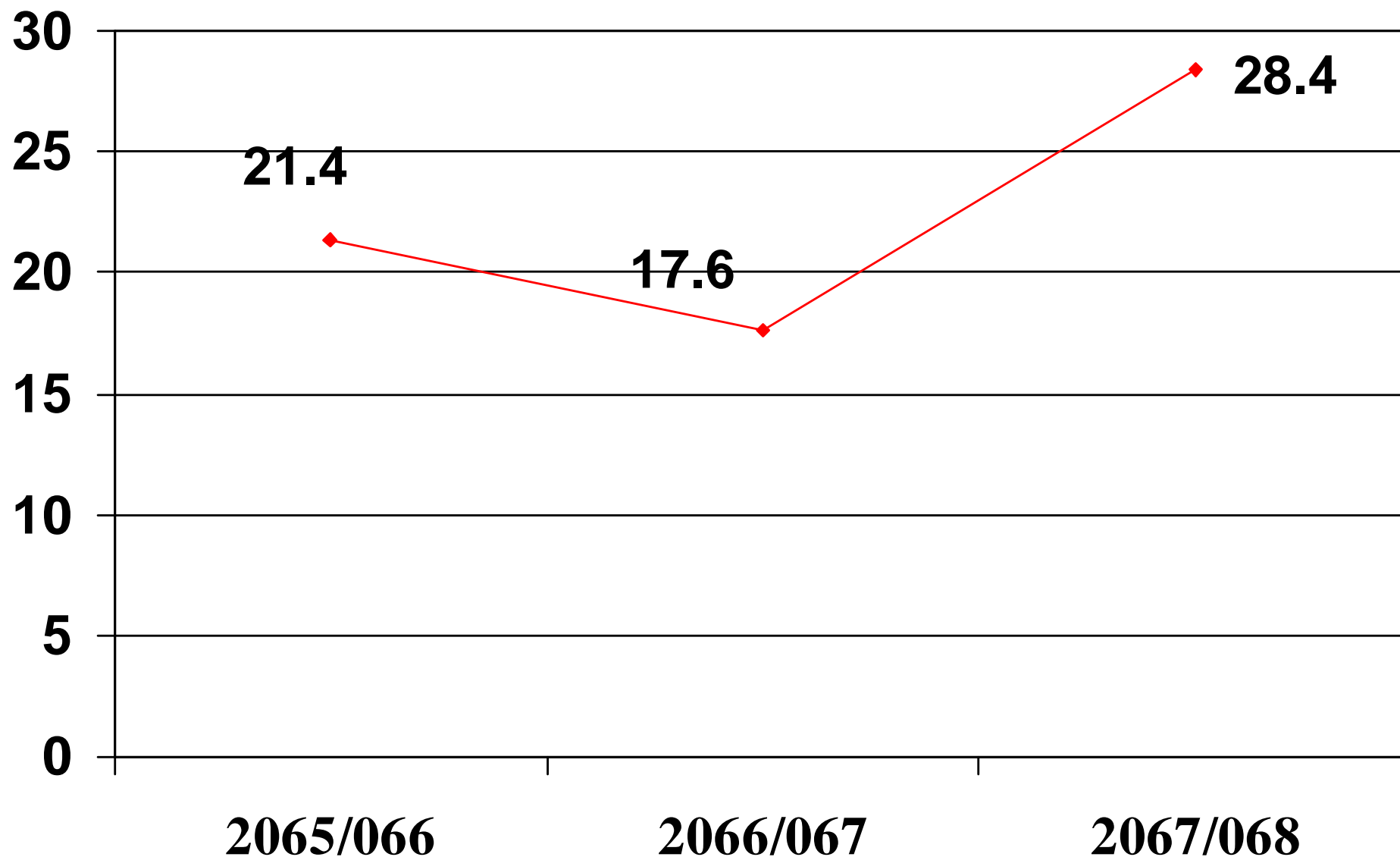
Coverage of Measless of Butwal MP (in %)



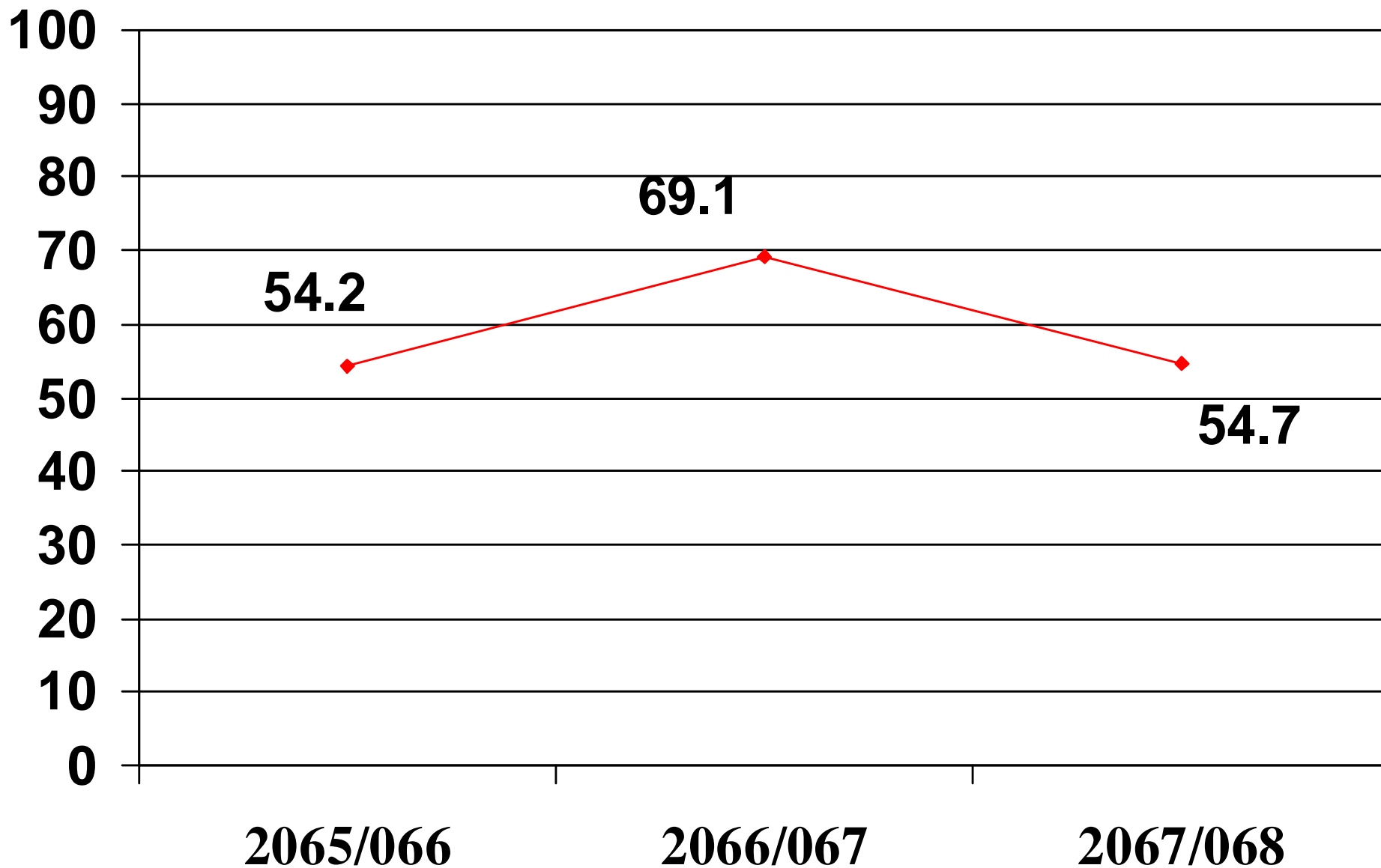
Coverage of Complete Vaccine of Butwal MP (in %)



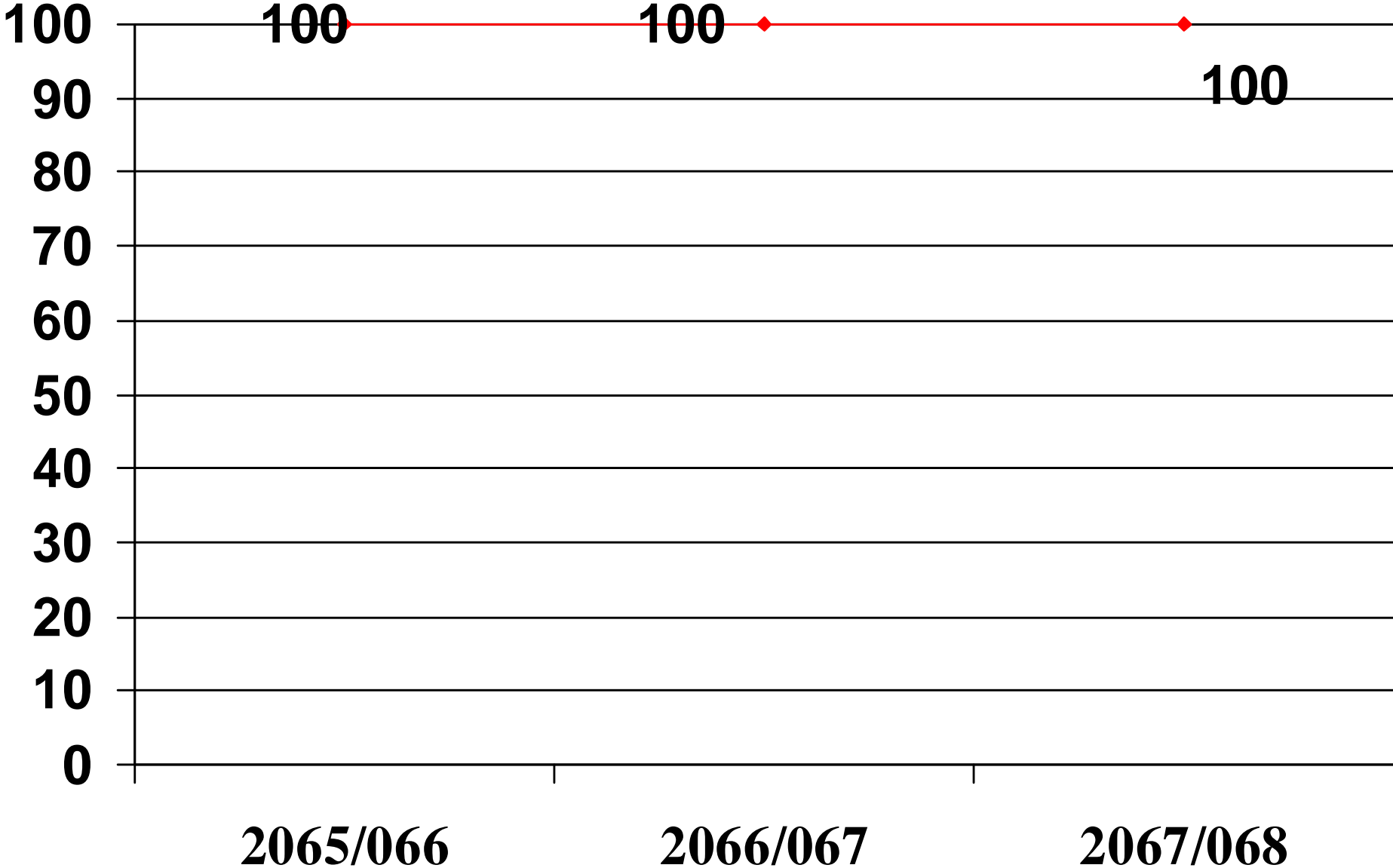
Coverage of Japanese Encephalitis of Butwal MP (in %)



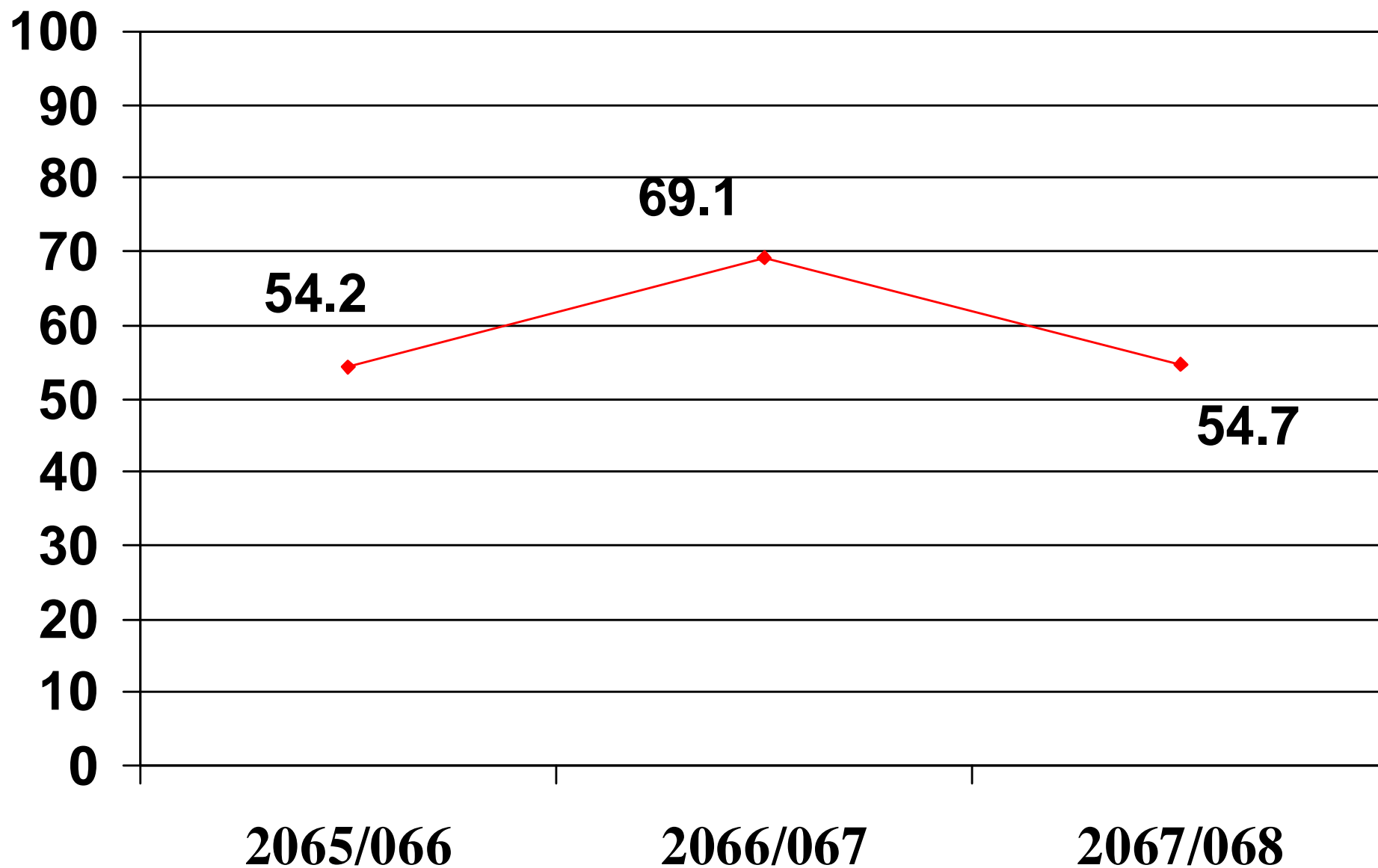
Dropout Rate BCG VS Measles of Butwal MP (in %)



Coverage of TT2 & TT2+ of Butwal MP (in %)

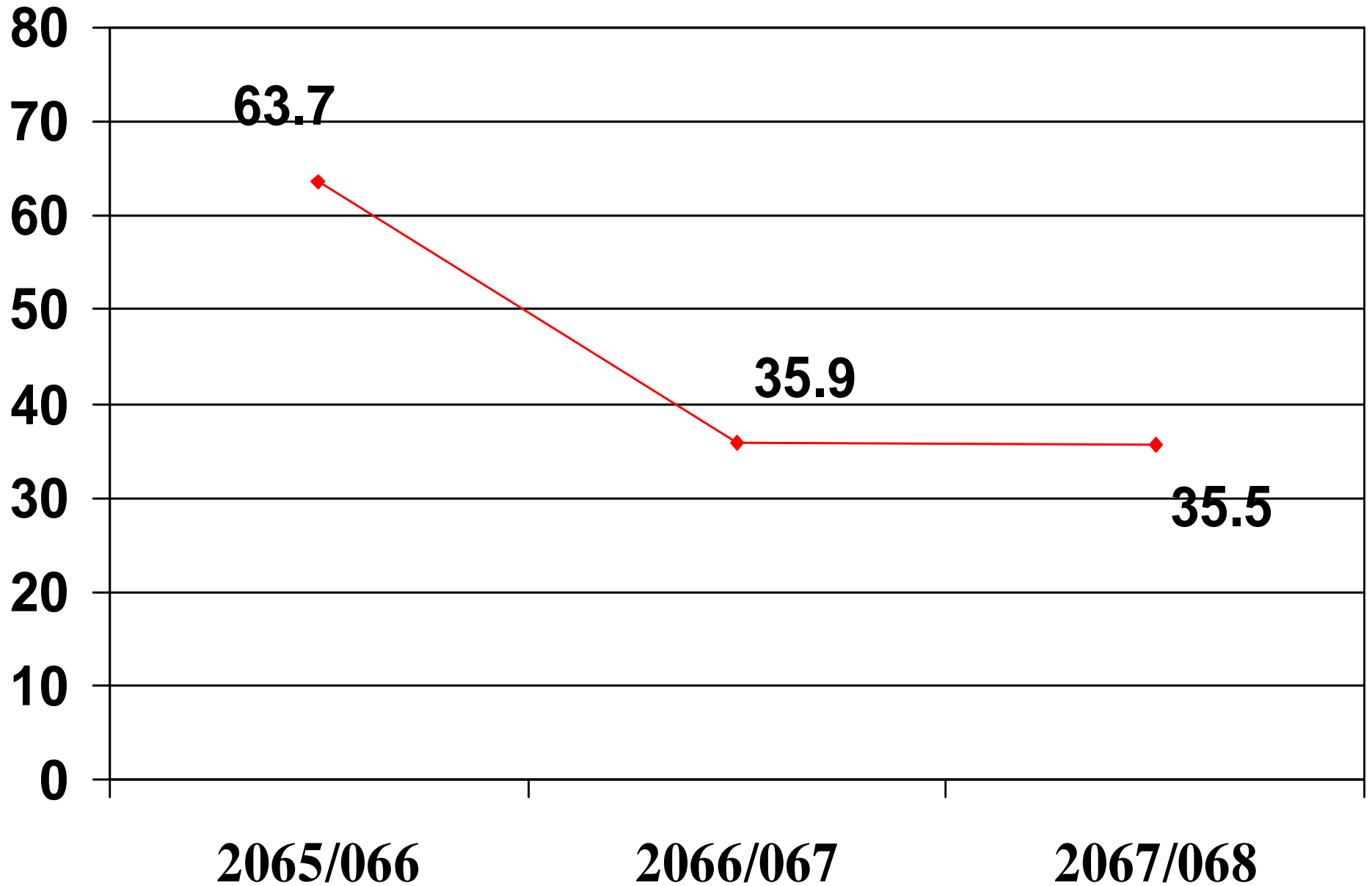


Dropout Rate DPT-Hep B I VS III of Butwal MP (in %)

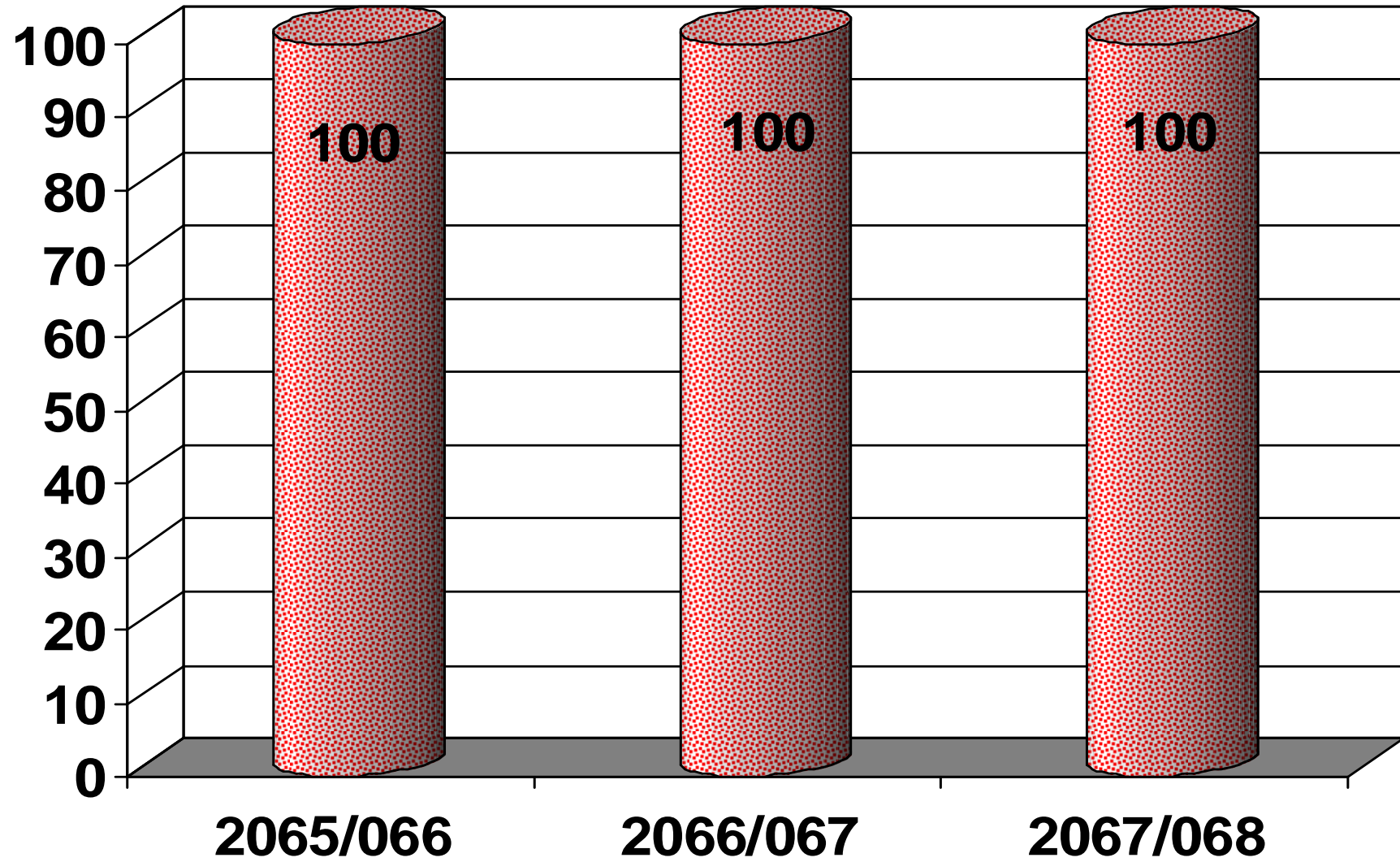


2 Nutrition Programme

% of New Growth Monitoring (Under 5yrs) of Butwal MP (in %)

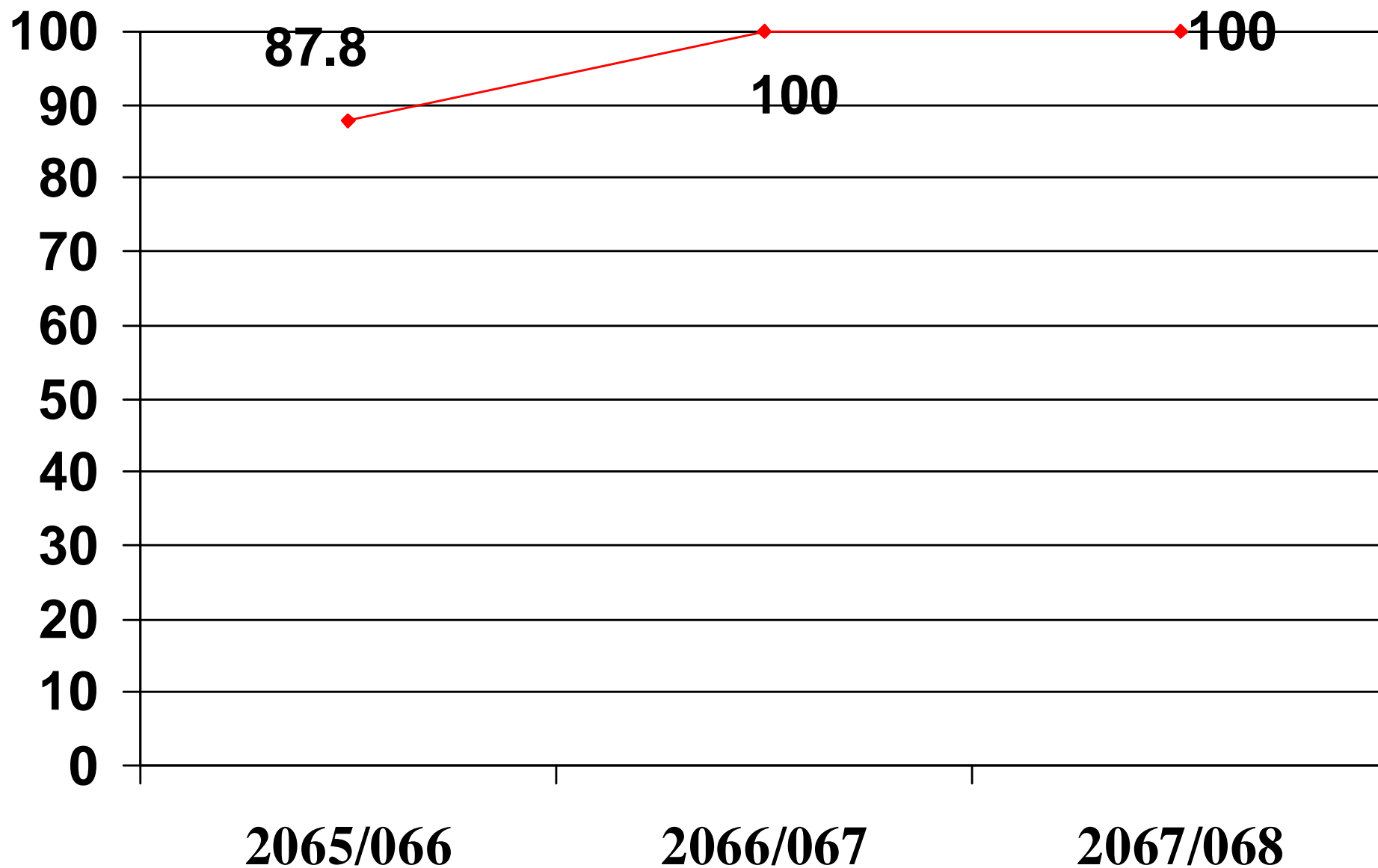


% of Expected Pregnant Mothers receiving Iron Tablets of Butwal MP Areas

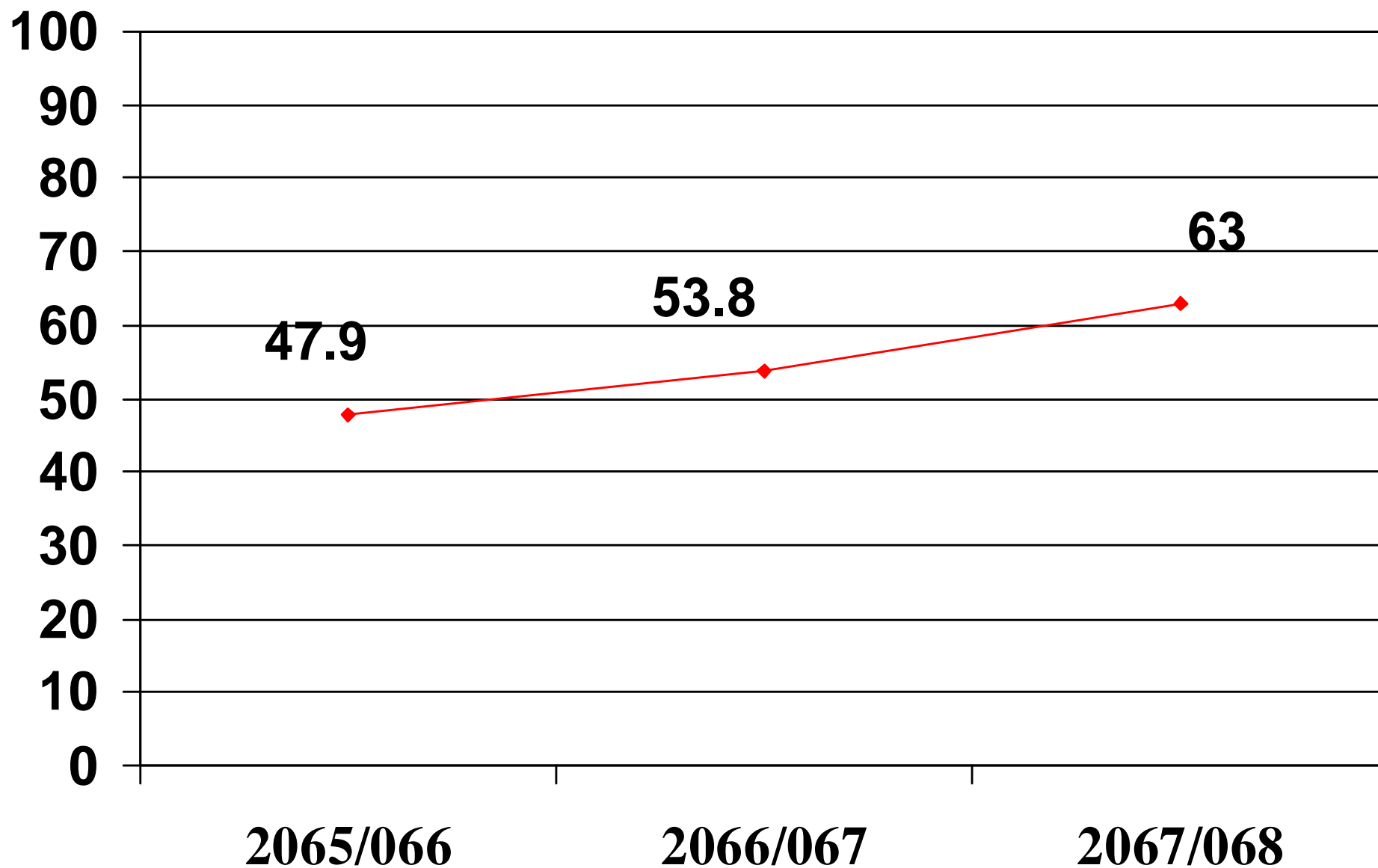


Safe Motherhood Programme

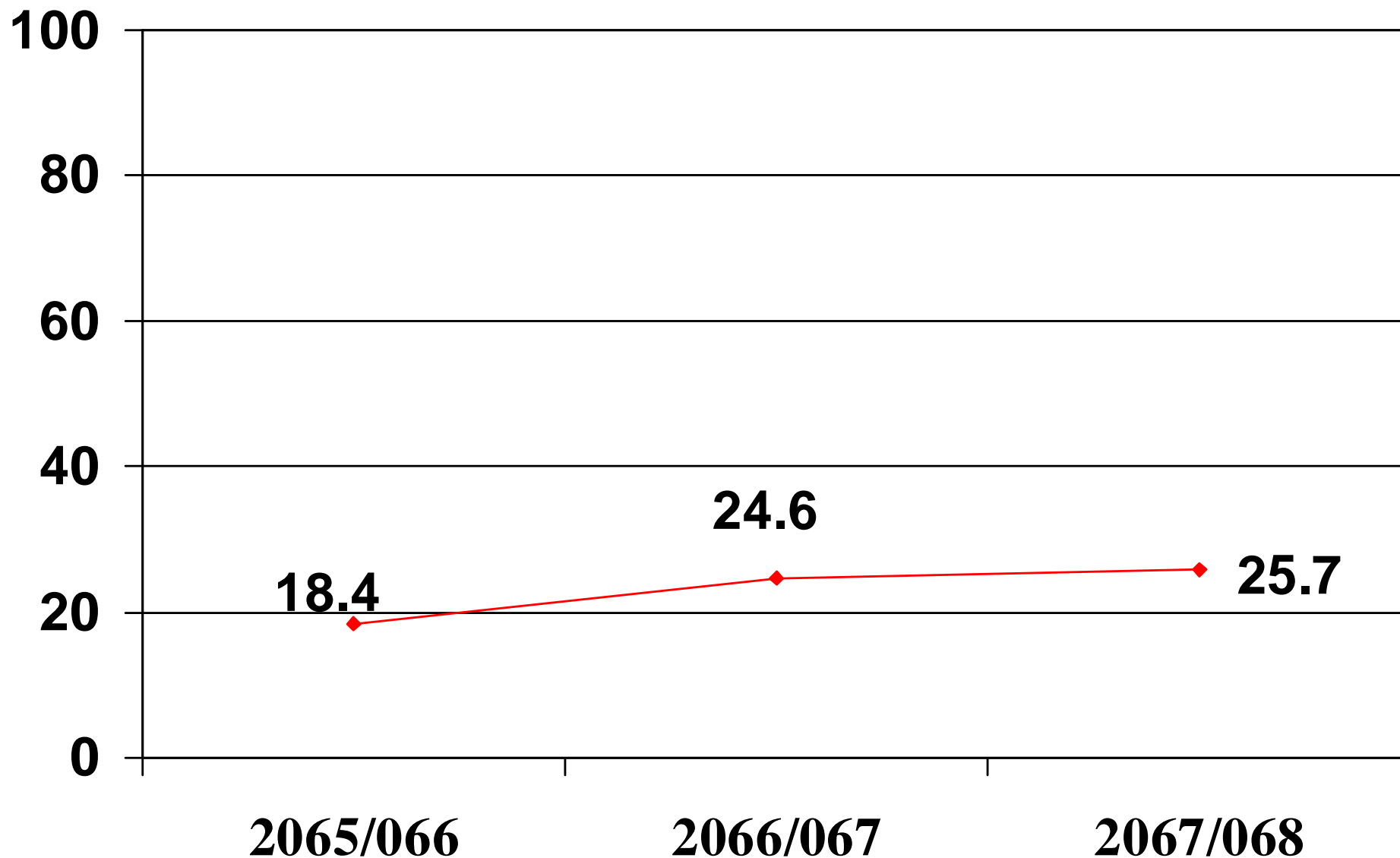
I st ANC Visit as % of Expected Pregnancy of Butwal MP (in %)



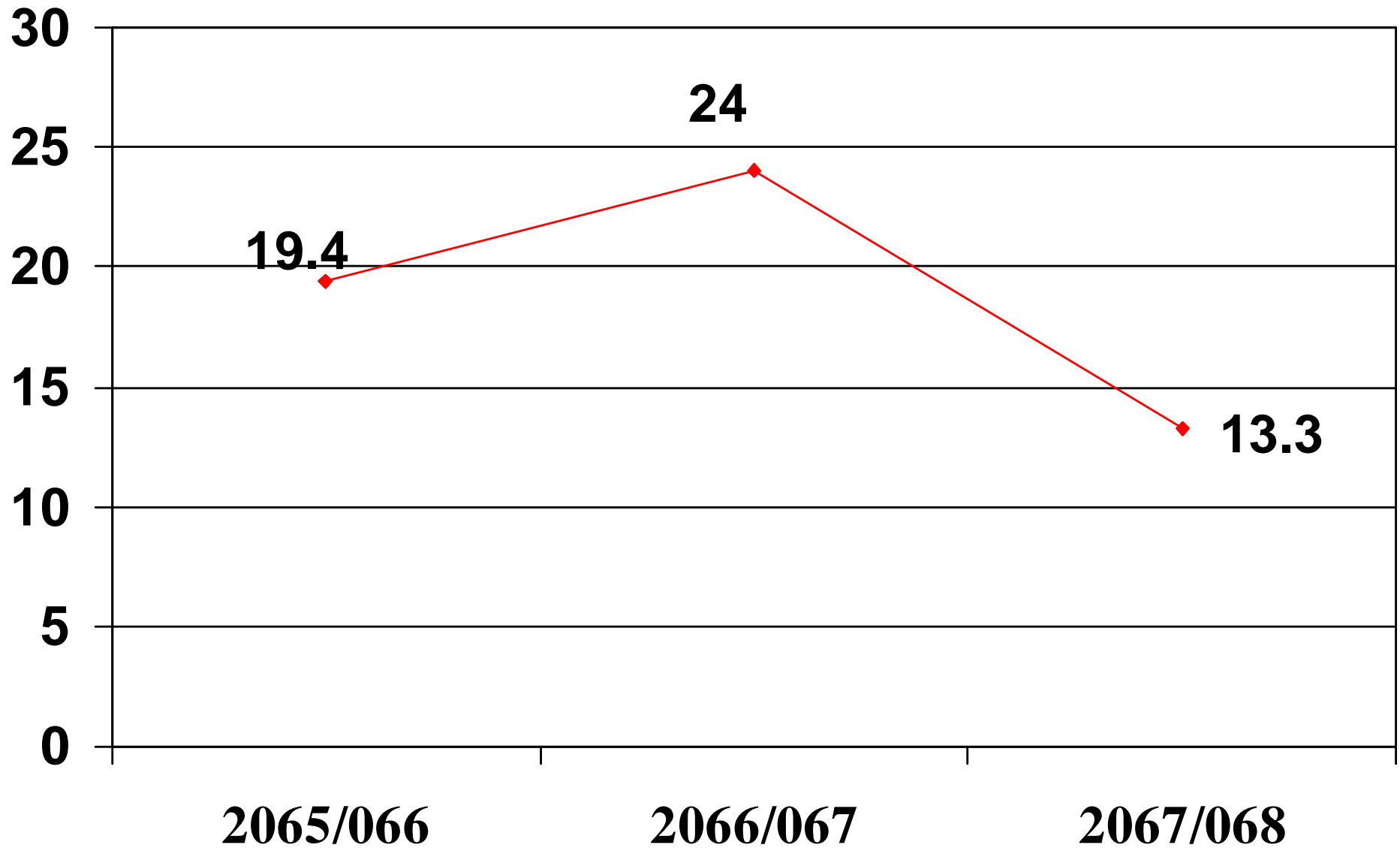
4 st ANC Visit as % of Expected Pregnancy of Butwal MP (in %)



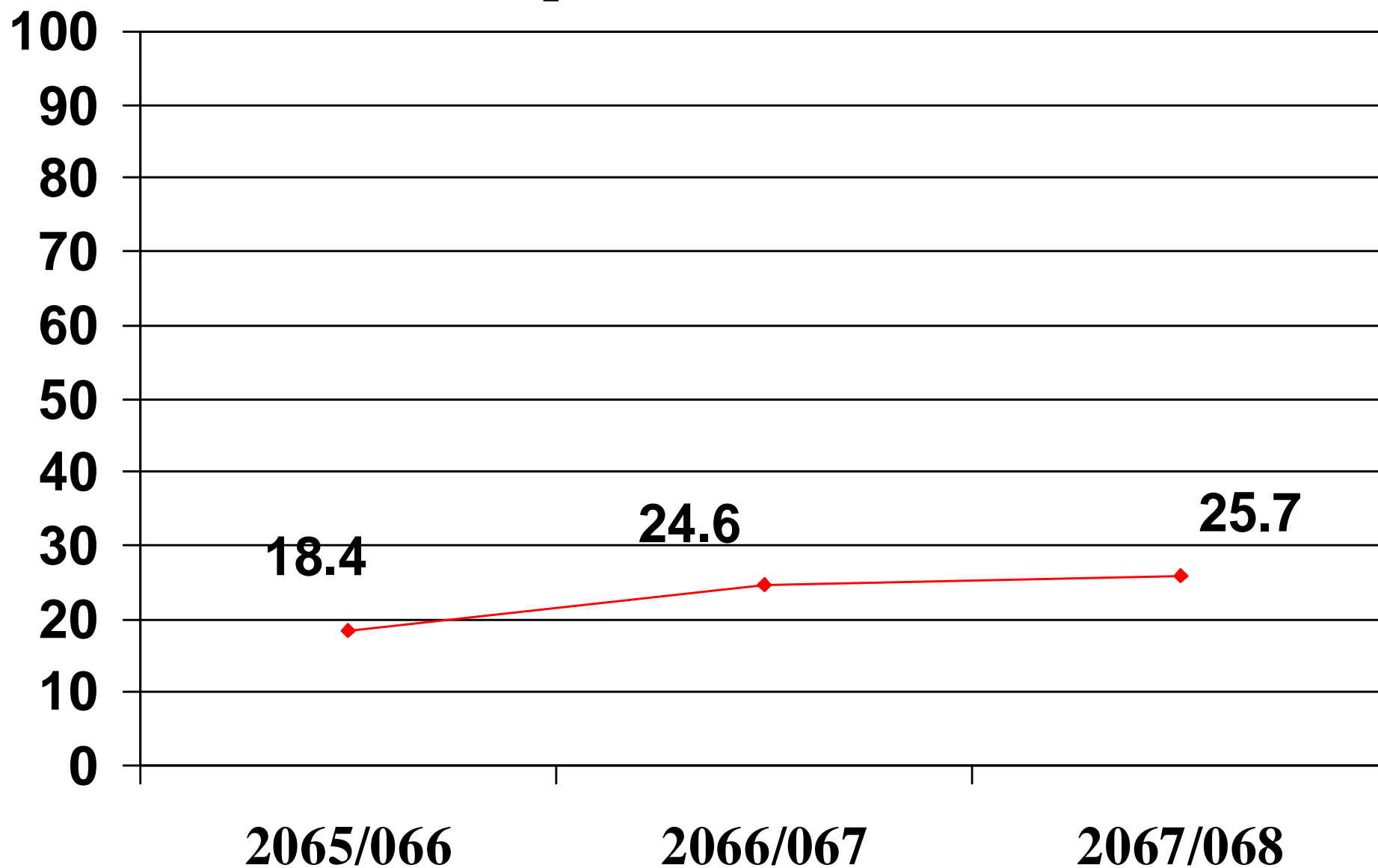
Delivery Conducted by SBA and Doctors as % Expected Pregnancy of Rupandehi District



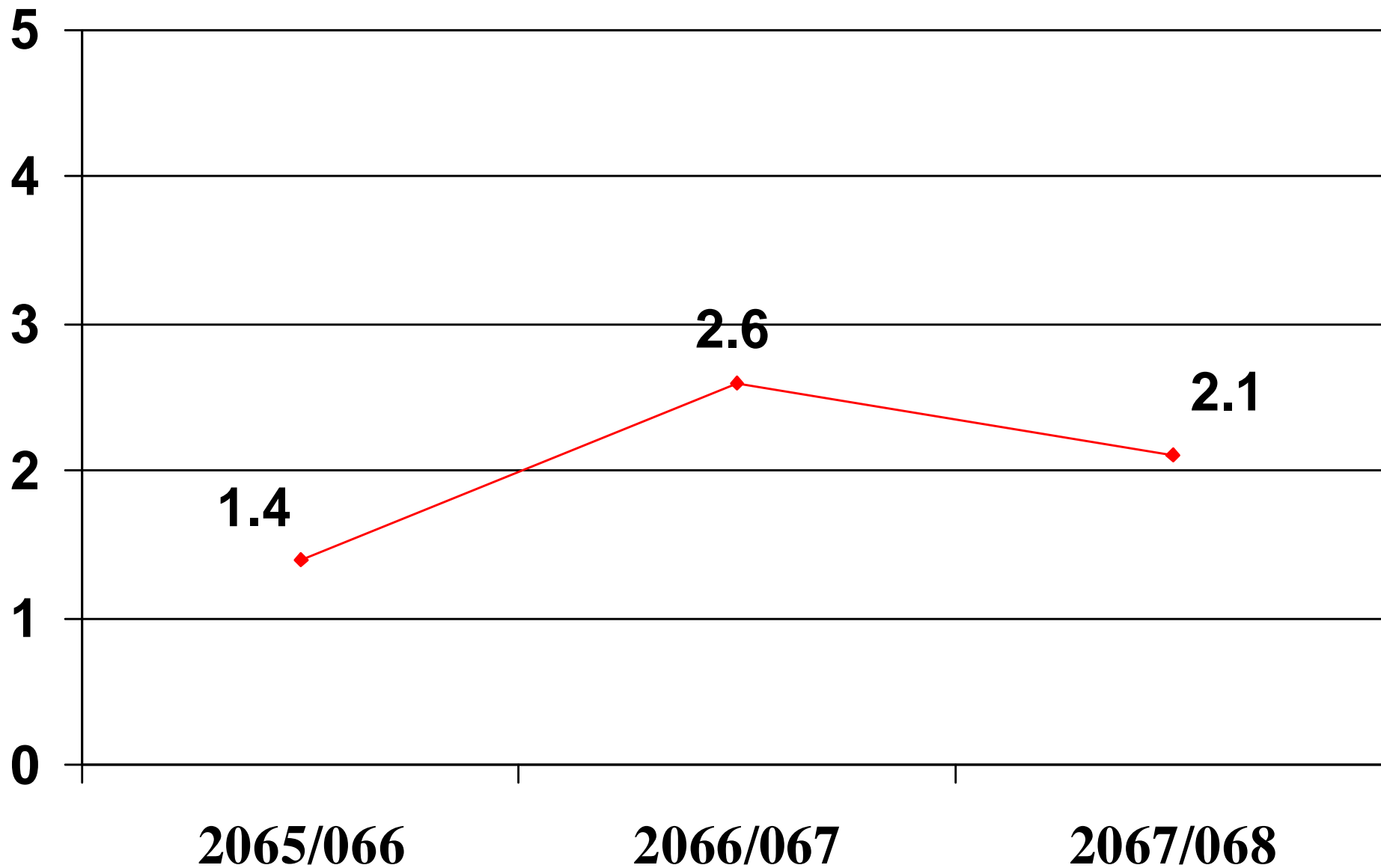
% of LSCS among Total Delivery



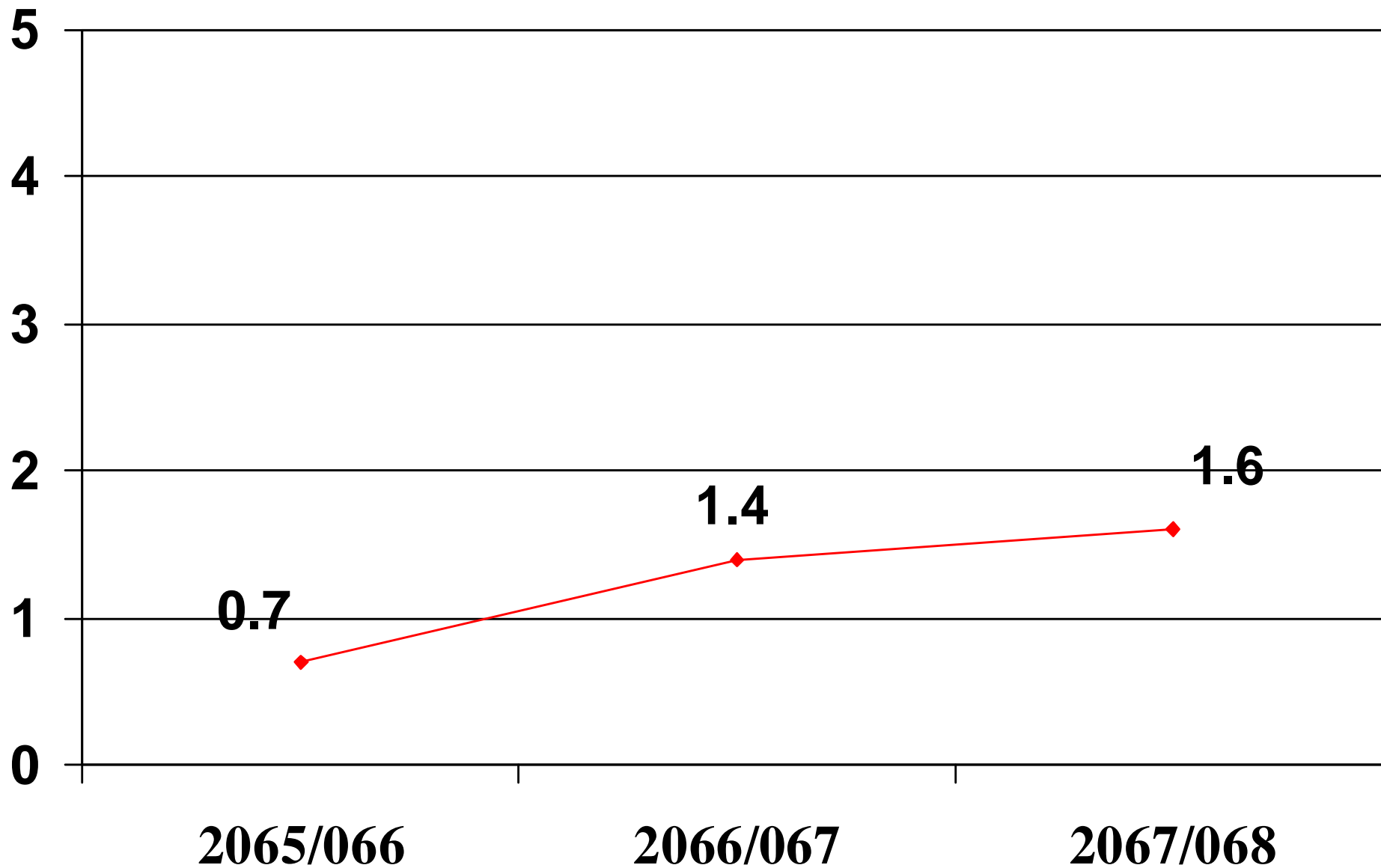
PNC 1 st Visit as % of Expected Pregnancy of Rupandehi District



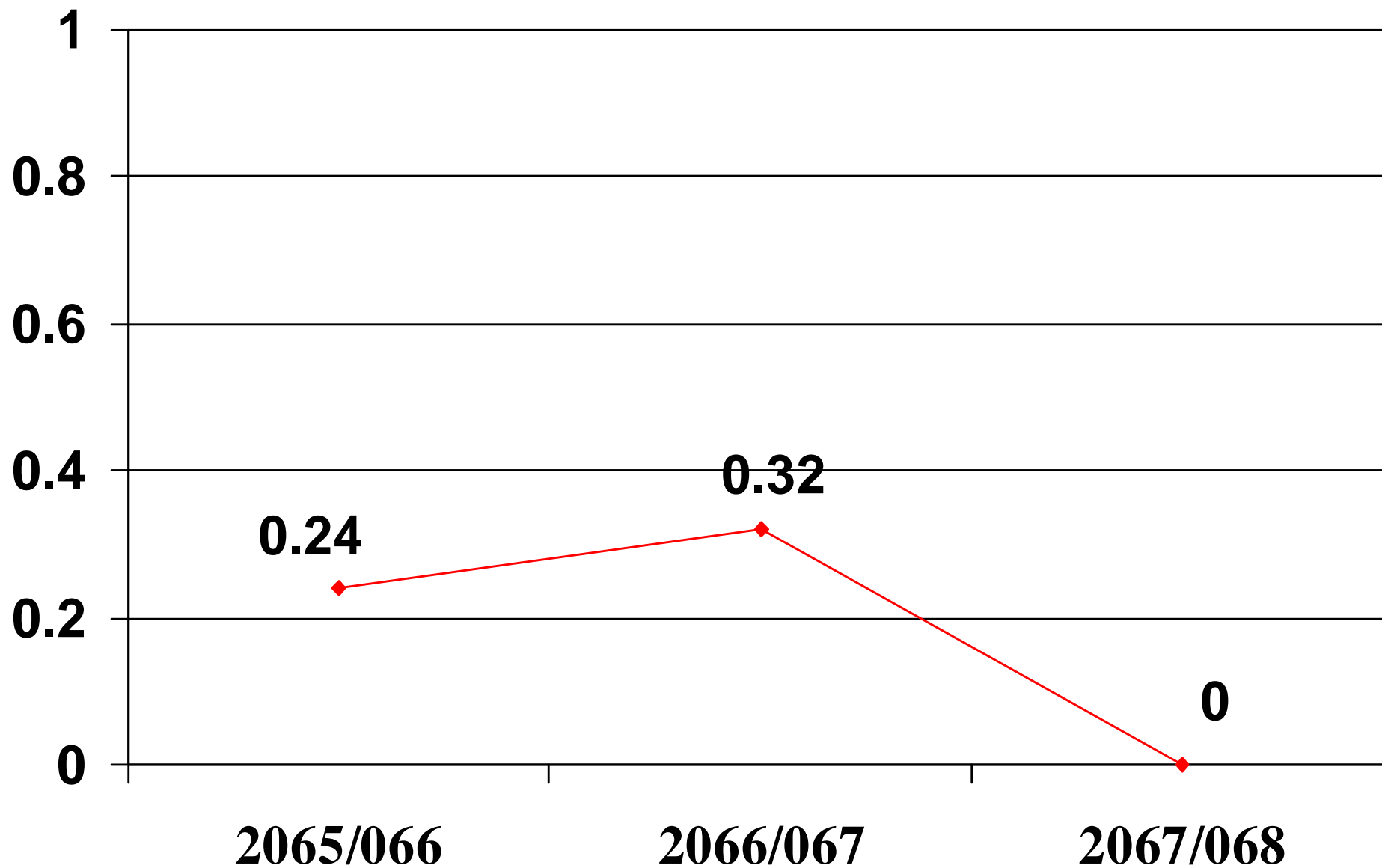
CAC Services Provided as % of Expected Pregnancy of Rupandehi District



PAC Services Provided as % of Expected Pregnancy of Rupandehi District

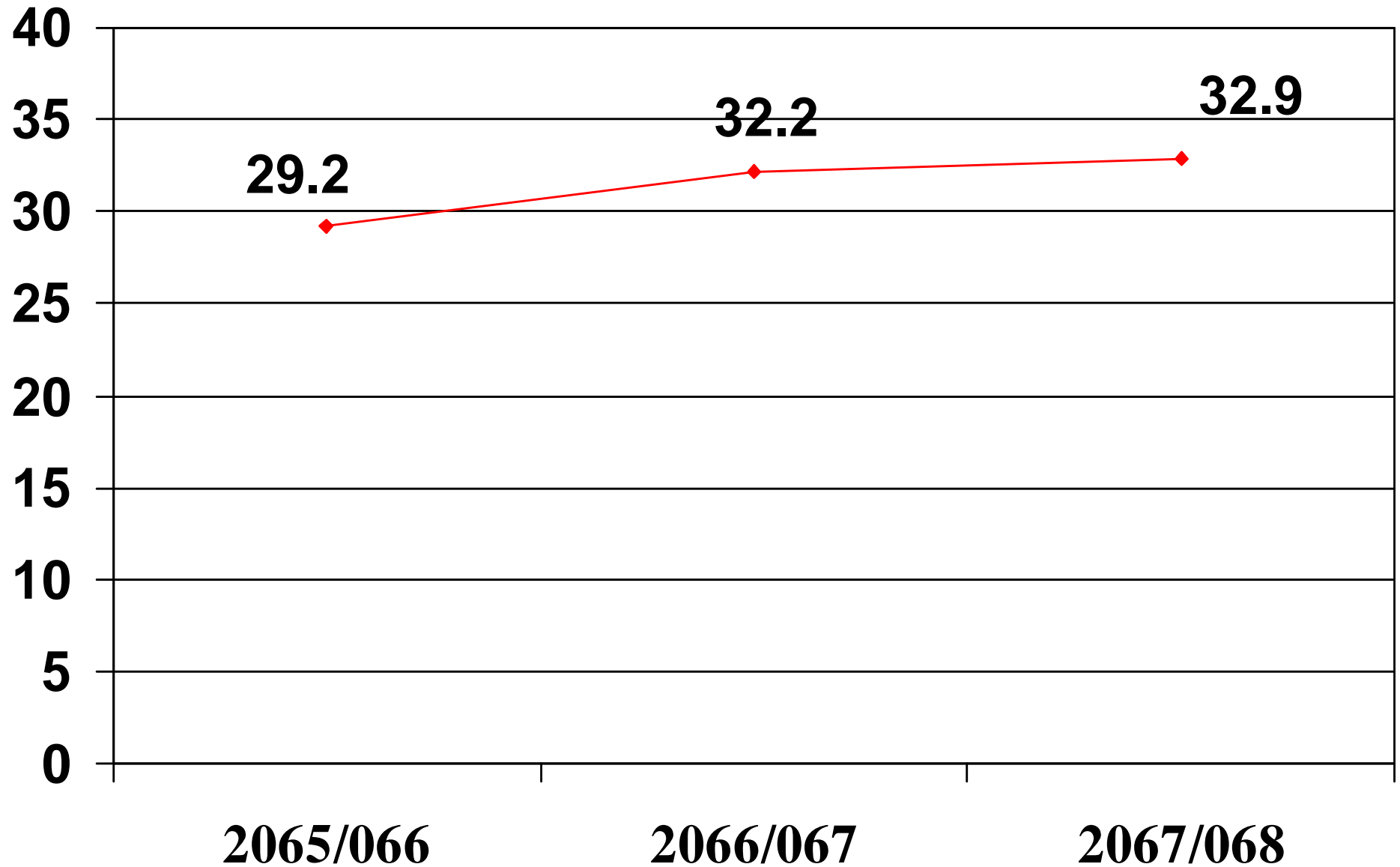


% of Maternal Death among Total Maternal Cases

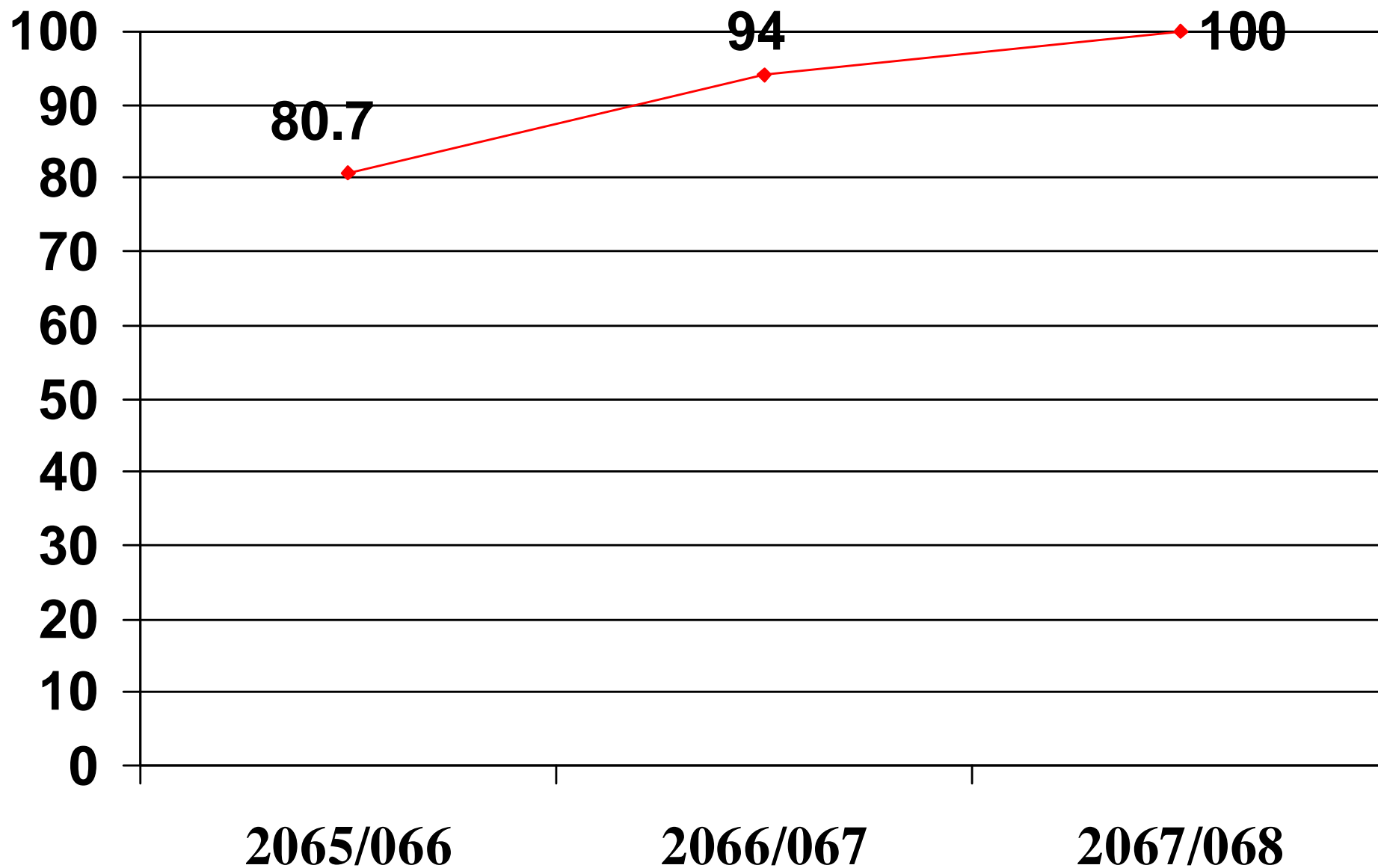


4 Family Planning Programme

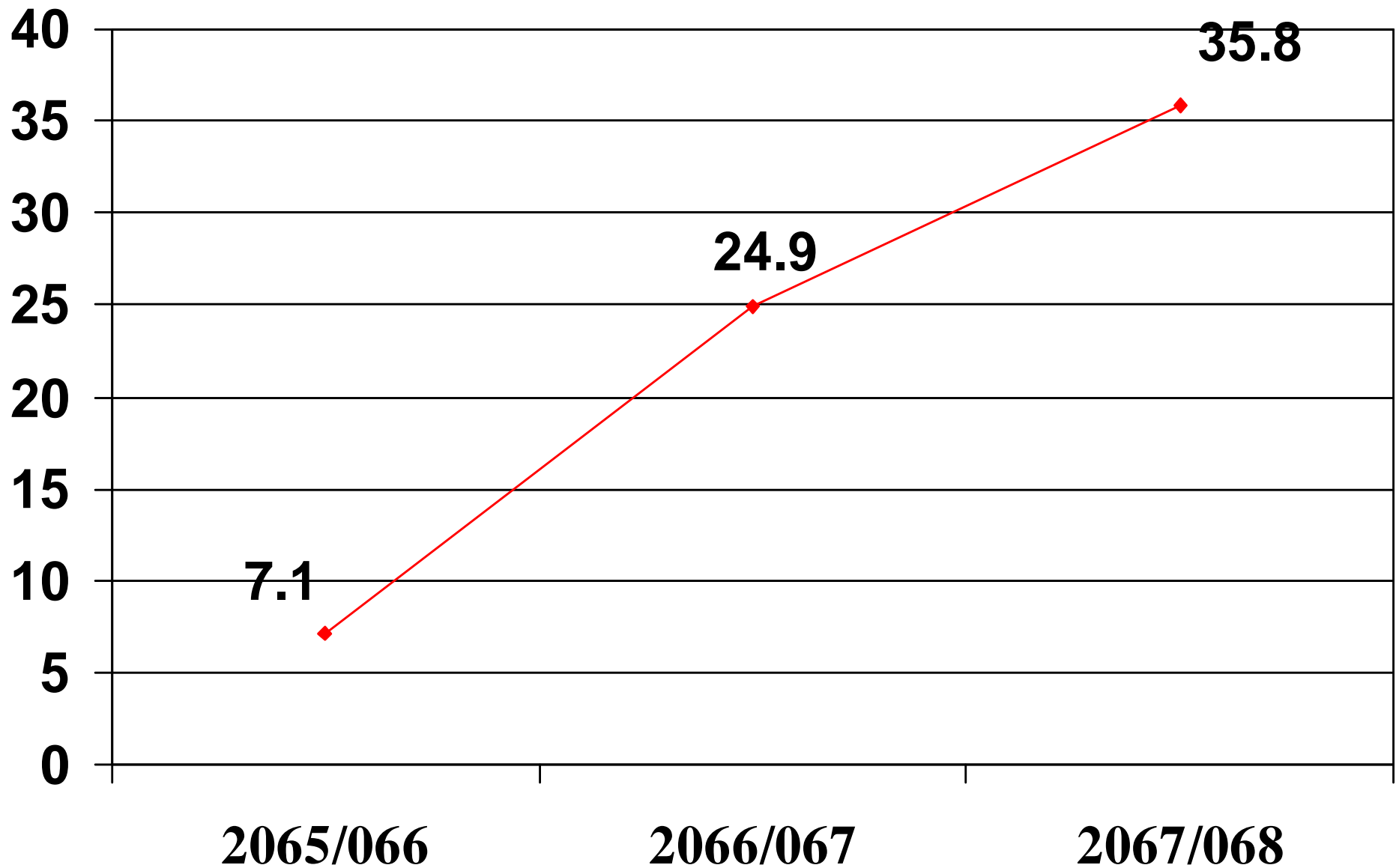
Contraceptive Prevalence Rate (CPR) of Butwal MP (in%)



% of Achivement of VSC of Lumbini Zonal Hospital



% of IUCD and Implant among New Acceptors

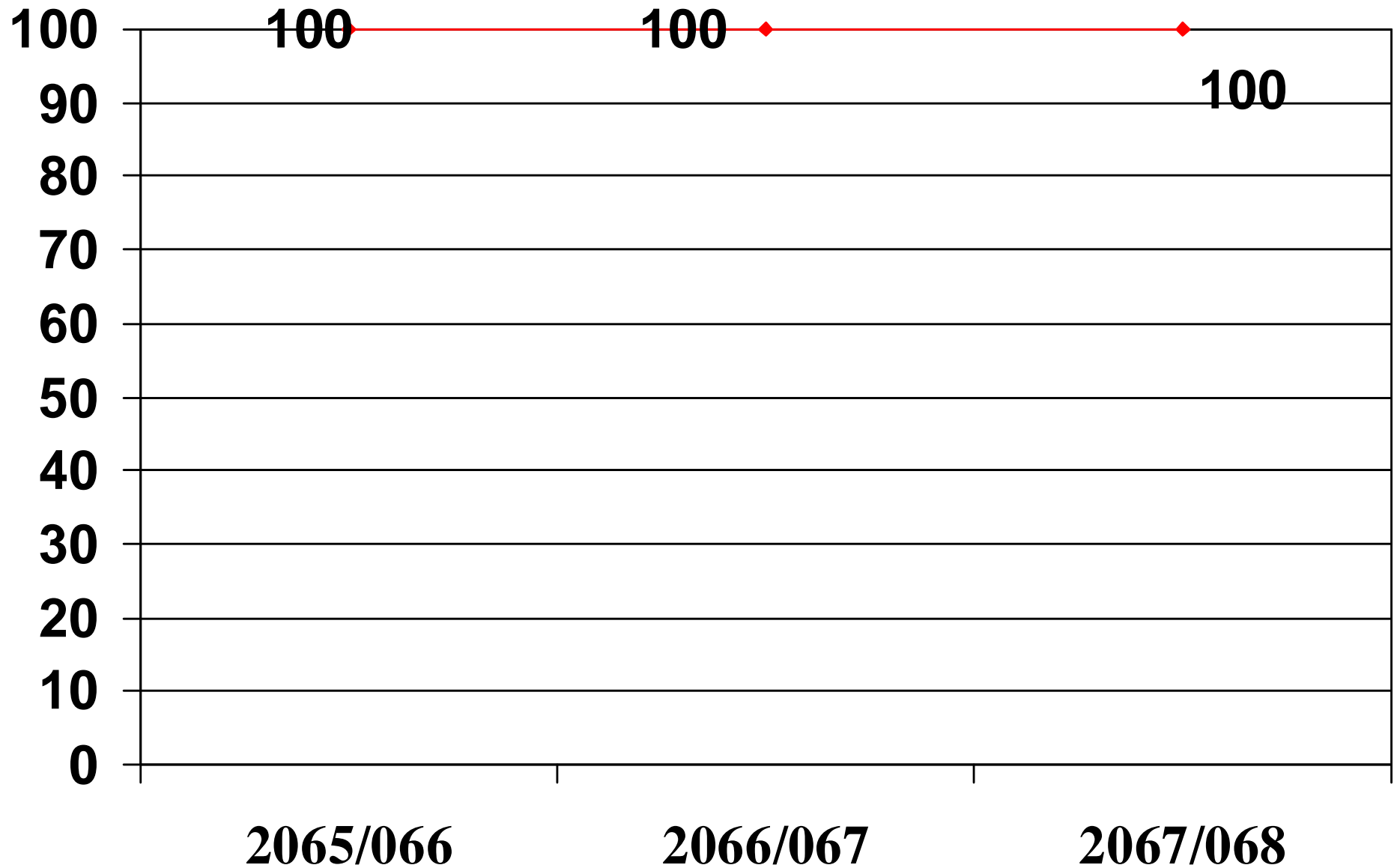


Yearly Sterilization (Family Planning) Services Provided

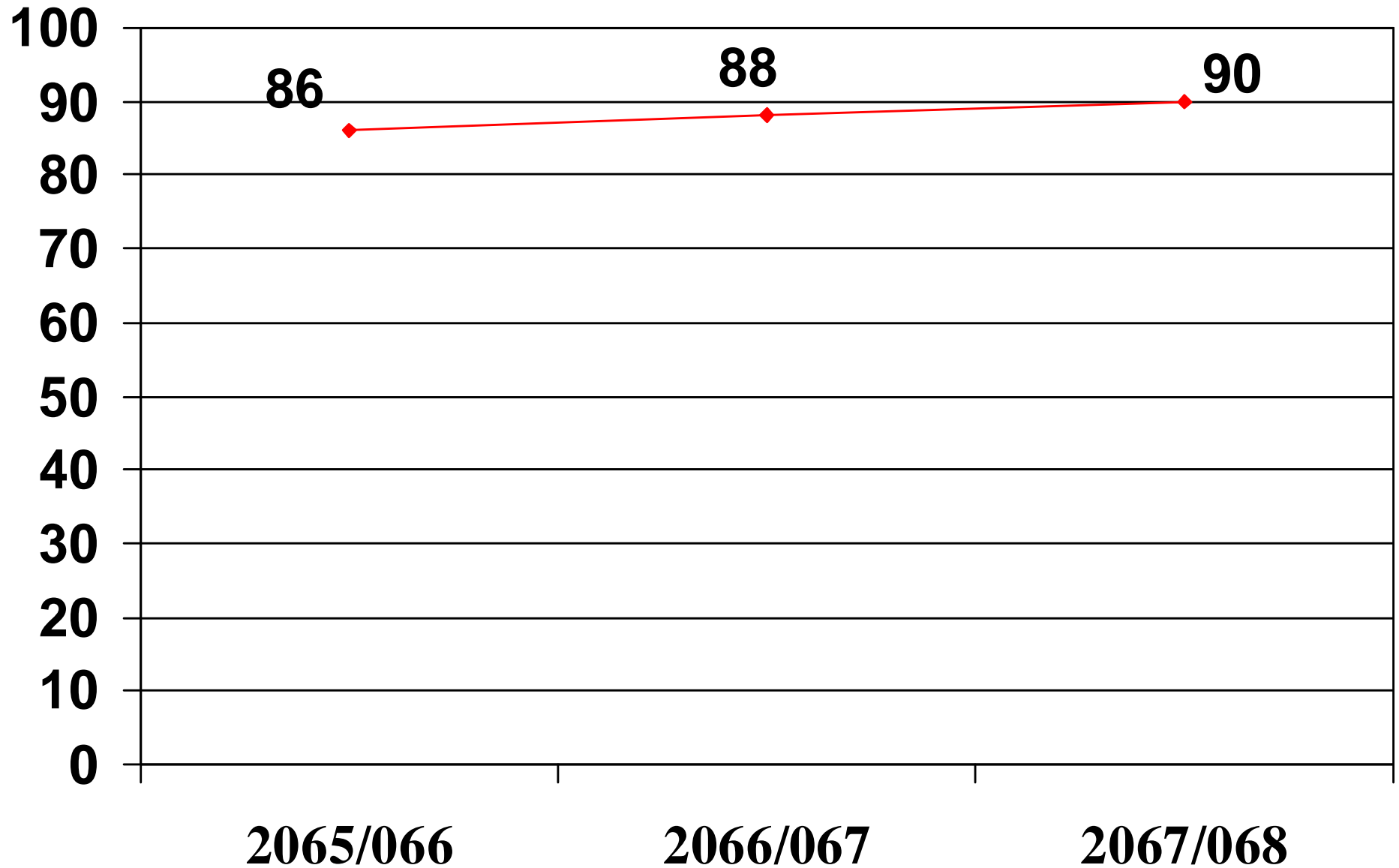
S. No.	Financial Year	BTL + Laparoscopy	Vasectomy	Total
1	2055/056	71	26	97
2	2056/057	77	24	101
3	2057/058	151	27	178
4	2058/059	810	107	917
5	2059/060	108	0	108
6	2060/061	341	39	380
7	2061/062	92	3	95
8	2062/063	214	16	230
9	2063/064	191	16	207
10	2064/065	152	22	174
11	2065/066	234	8	242
12	2066/067	268	14	282
13	2067/068	231	12	243
Grand Total		2940	314	3254

1 TB Control Programme

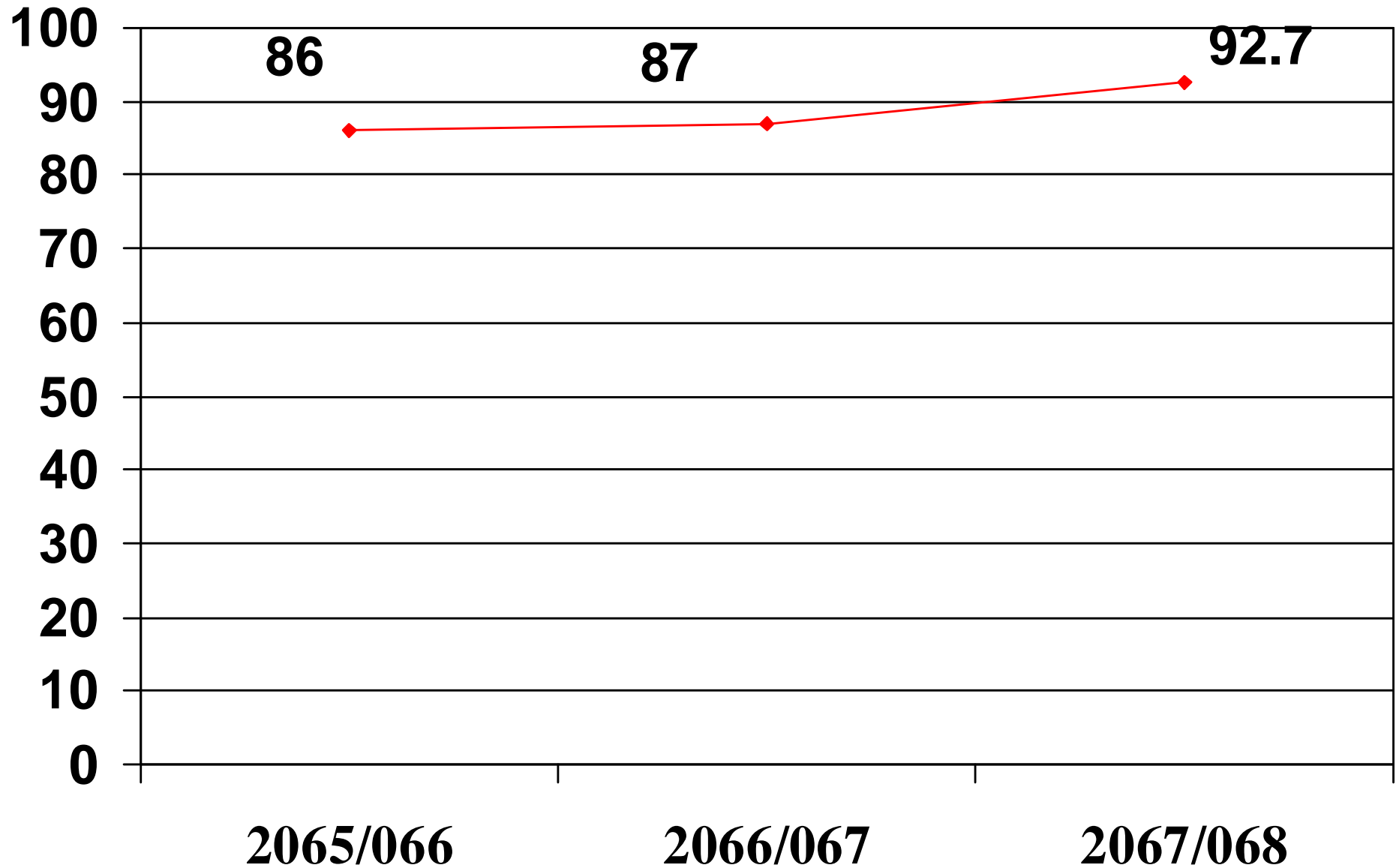
TB Case (+ve) Finding Rate (in %)



TB Patients Sputum Conversion Rate (in %)

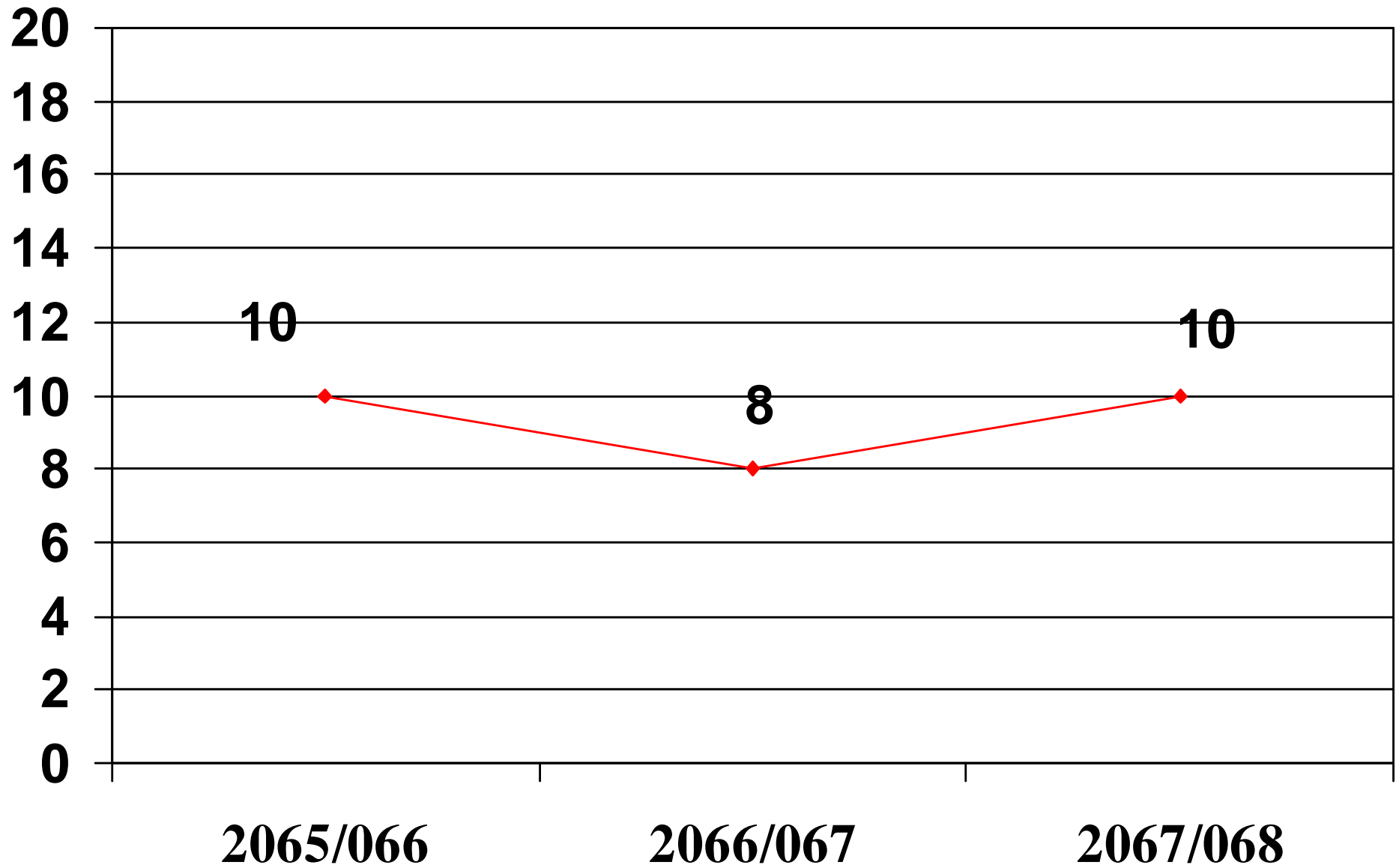


TB Patients Treatment Succeed Rate (in %)

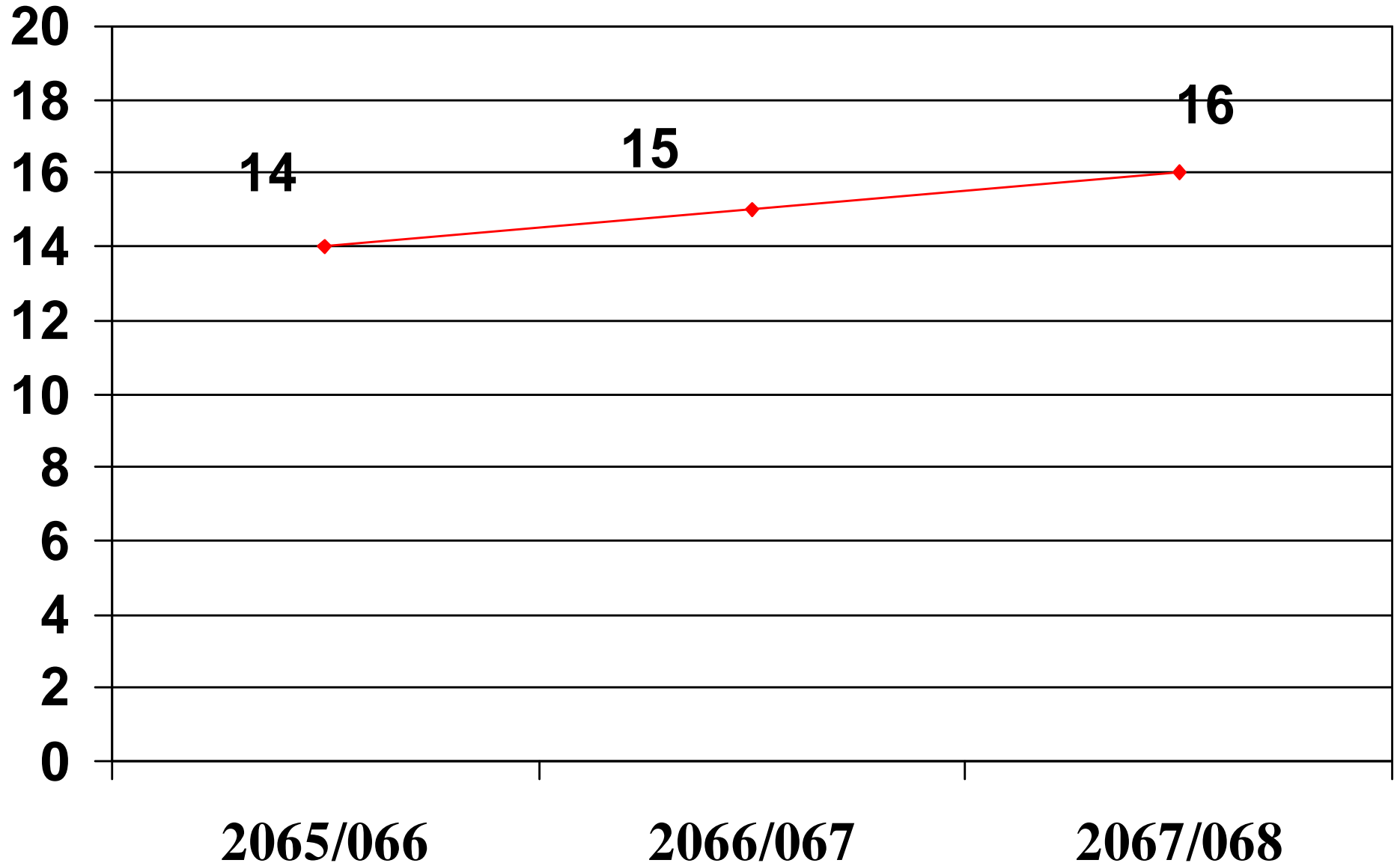


6 Leprosy Elimination Programme

No. of New Case Detection



Total Registered Leprosy Cases

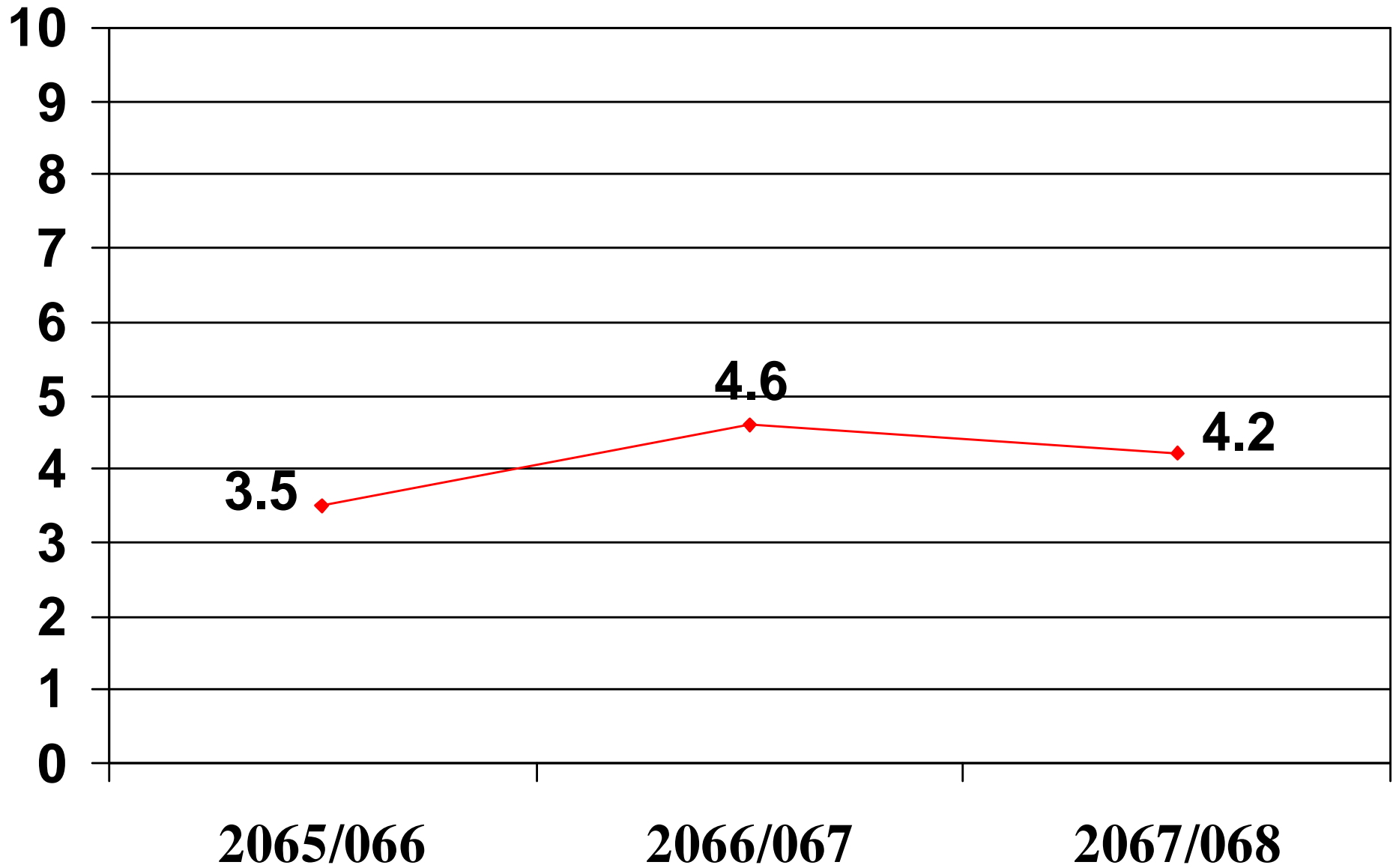


1 Malaria Control Programme

Malaria Slide Positivity Rate

Financial Years	Population of Butwal MP	Total No. of Malaria Slide	Total No. of Malaria + ve	Malaria Slide + ve Rate	Total No. of PF among +ve Case	% of PF among Total +ve Case
2065/066	90,797	3,205	54	1.7%	28	51.9%
2066/067	91,560	4,250	28	0.7%	12	42.9%
2067/068	93,038	3,862	38	1.0%	15	39.5%

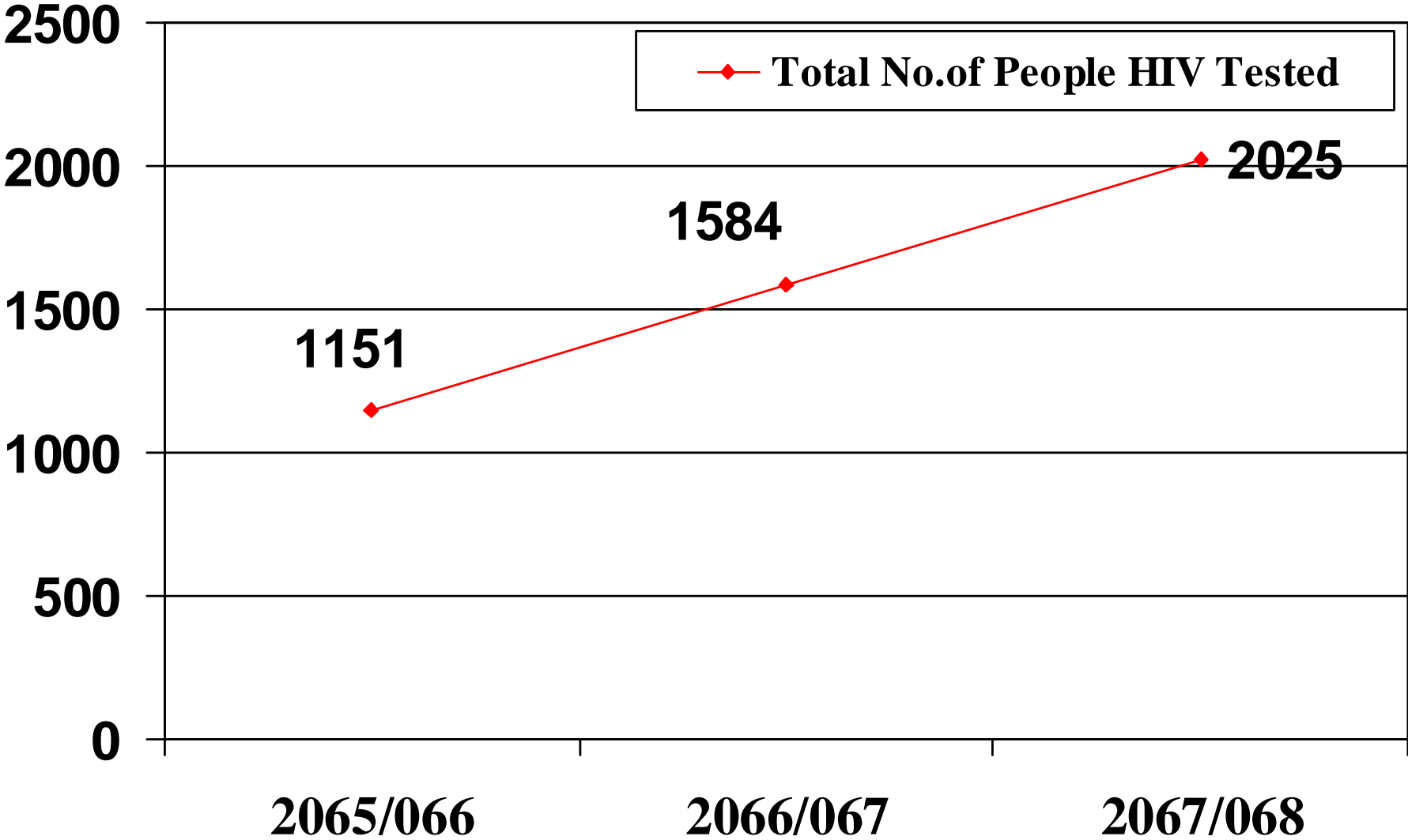
Annual Blood Examination Rate (ABER) of Butwal MP



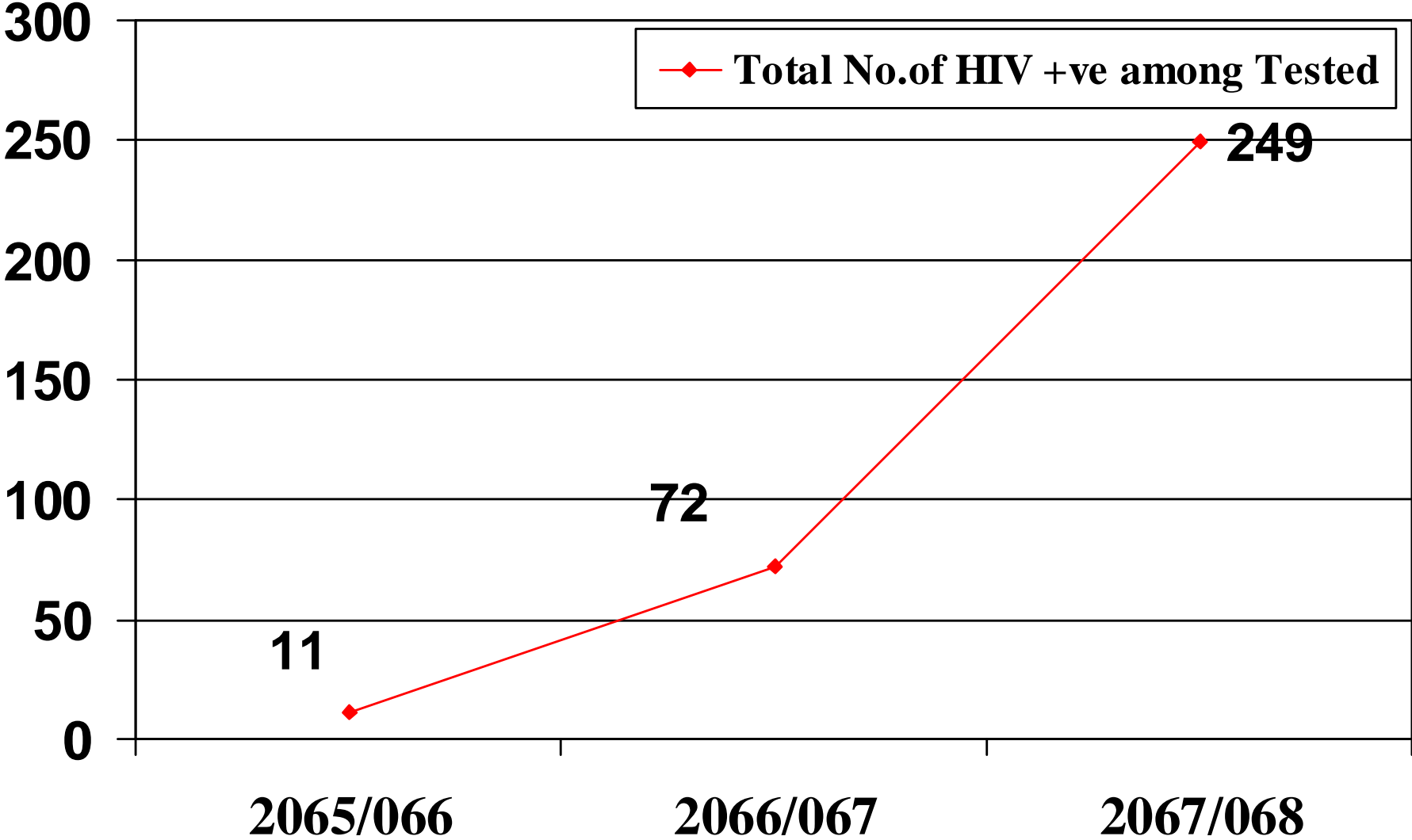
8 HIV/AIDS Control Programme

1. Investigation

Total Number of People Tested for HIV



Total Number of HIV +ve among Tested



2. A.R.T.

Total No. of Patients ever enrolled in HIV
(ART Service was Started in this Hospital From 10/02/2064)

Financial Years	Male	Female	Third Gender	Total	Cumulative Total
Up to Ashar 2065	060	052	0	112	112
2065/066	051	032	0	083	195
2066/067	105	078	0	183	378
2067/068	215	169	1	385	763
Total	431	331	1	763	

Total No. of HIV Patients enrolled in ART

(ART Service was Started in this Hospital From 10/02/2064)

Financial Years	New ART	Expired	Transfer out	Missing	On Treatment	Cumulative Number
Up to Ashar 2065	111	4	4	7	99	99
2065/066	84	5	1	17	61	160
2066/067	131	1	37	-7	100	260
2067/068	153	9	50	-4	98	358
Total	479	19	92	10	358	

3. V.C.T.

**Total No. of Clients provided Pre-test Counseling, HIV test,
Post-test Counseling and handover of HIV Test Reports
(VCT Service was Started in this Hospital on 27/12/2066 but
Service was Provided From 01/01/2067)**

Financial Years	Total No of Clients.....	HIV + ve	% of HIV + ve
2066/067	174	27	15.5 %
2067/068	784	108	13.8 %
Total	958	135	14.1 %

**Total No. of Different Types of Risk Group provided Pre-test Counseling,
HIV test, Post-test Counseling and handover of HIV Test Reports
(VCT Service was Started in this Hospital on 27/12/2066 but Service was
Provided From 01/01/2067)**

S. No.	Different Types of Risk Groups Provided.....	2066/067			2067/068		
		Tested	+ve	% of +ve	Tested	+ve	% of +ve
1	Sex Workers	0	0	0.0%	0	0	0.0%
2	Injecting Drugs Users (IDUs)	1	0	0.0%	7	1	14.3%
3	Men having sex with Men (MSM)	0	0	0.0%	0	0	0.0%
4	Blood / Organ Recipients	0	0	0.0%	2	0	0.0%
5	Clients of Sex Workers	12	2	16.7%	58	9	15.5%
6	House Wives	0	0	0.0%	222	18	8.1%
7	Male Partners	0	0	0.0%	1	1	100.0%
8	Migrant Workers	30	11	36.7%	143	50	35.0%
9	Spouse of Migrant	75	12	16.0%	195	50	25.6%
10	Mothers to Child	10	3	30.0%	85	16	18.8%
11	Others	41	0	0.0%	31	1	3.2%
Total		169	28	16.6%	744	146	19.6%

4. CD4 Count

Total No. of CD4 Count HIV/ Aids Cases tested
(CD4 Count Service was Started in this Hospital on
11/05/2066 or 27/09/2009)

Financial Years	Total No. of CD4 Count HIV/Aids Cases
2066/067	326
2067/068	589
Total	915

Free Treatment

Free Treatment in Various Department of Hospital on 2067/068

S. No.	Various Department	Free on 2067/068	
		Patients	Amount
1	Laboratory Department	23,405	48, 37, 375.00
2	X-ray Services	1,468	1, 61, 480.00
3	Ultrasound Services	1,223	4, 28, 050.00
4	ECG Services	277	47,125.00
5	Endoscopes Services	3	825.00
6	Audiogram	25	3, 125
7	Tympanogram	30	3, 3750.00
8	OPD Department	25,735	2, 57, 350.00
9	Inpatients Department	494	-
10	Poisonous Snake Bite Management	167	63, 86, 560.00
	4695 Vial ASVS X Rs.1360.00 = 63,86,560.00 (Rs.1,30,00,000x30,000 Vial)		
11	Post Exposure Treatment of Rabies	2161	64, 65, 000.00
	10,775 Vial ARVS X Rs.600.00 = 64,65,000.00 (Rs.8,25,00,000x3,0000 Vial)		
Nepal Government donation for Safe Motherhood Services			1,10,24,010.00

Free Treatment in Various Department of Hospital on 2067/068

S. No.	Various Department	Free on 2067/068	
		Patients	Amount
1	Operation		
	a. Major Operation	948	81,000.00
	b. Intermediate Operation	198	99,200.00
	c. Minor Operation	531	79,650.00
	d. Plaster A	67	20,100.00
	e. Plaster B	72	14,400.00
	f. Plaster C	1813	1,81,300.00
2	Delivery	6,437	-
Free in short			
1	Partially Free Patients	57,956	
2	Full Free Patients	7,199	(11.05% of Total)
3	Total Free Patients	65,155	
4	Total Amount of Service Charge Free		3,70,90,480.00
Total			

Total Free Amount of Various Department on 2067/068

S. No.	Various Department	Free Amount on 2067/068
1	Service Charge Free By Hospital	62,14,730.00
2	Service Charge Free By Nepal Government	2,38,75,570.00
3	Service Free Amount By Nepal Government	70,00,000.00
4	Total Free Amount	3,70,90,480.00
Service Charge Free By Nepal Government		
1	ASVS (433.30) 4696 Vial x 1360.00	63,86,560.00
2	ARV (275.00) 10,775 Vial x 600.00	64,65,000.00
3	NG donation for Safe Motherhood Programme	1,10,24,010.00
4	Total Amount	2,38,75,570.00