

Internal Annual Meeting

About
Hospital Services

Of

Lumbini Zonal Hospital on 2068/069

2069/05/29

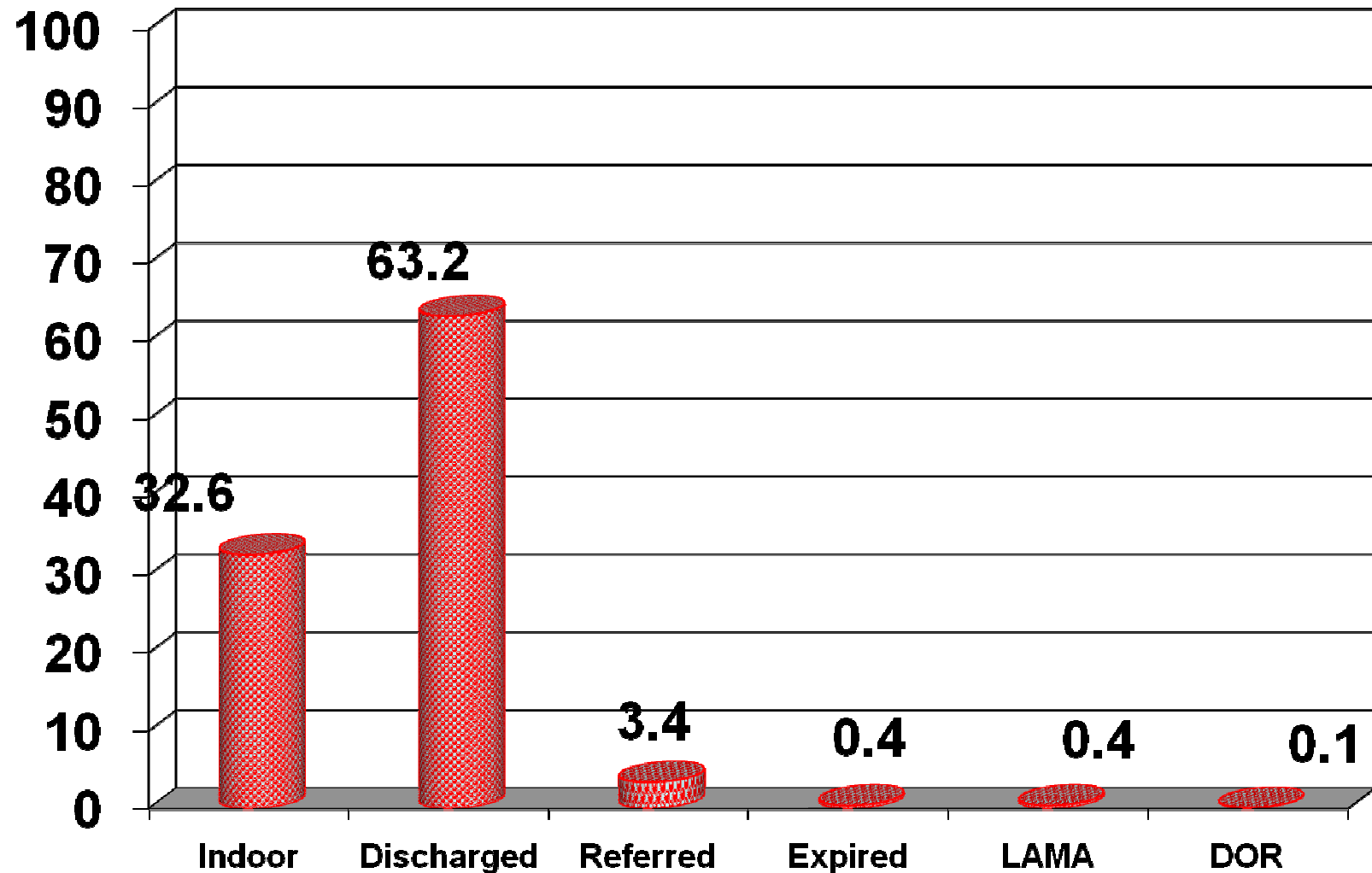
Clinical Services on 268/069 in Short

1. Emergency

S. No.	Types of Emergency Services	Recorded Service on Three F.Y.			Trends
		2066/067	2067/068	2068/069	
1	General Emergency Cases	14,663	17,386	13,746	-
2	Police Cases	4,619	4,870	3,621	-
3	Total Snake Bite Cases	1,160	1,304	1,163	-
4	Obstetric & Gynacology Cases	7,156	7,647	8,314	+
5	Total Emergency Cases	27,598	31,207	26,844	-
Outcome From Emergency					
1	Admitted in Indoor Department	12,256	12,975	13,562	+
2	Discharged from Emergency	13,638	16,424	11,701	-
3	Referred Out	1,332	1,337	1,336	=
4	Expired on Observation	194	153	123	-
5	LAMA (Left Against Medical Advice)	116	289	68	-
6	DOR (Discharged On Request)	62	29	53	+
Total Emergency		27,598	31,207	26,844	+
A	Brought Death without Emergency	220	289	219	-
B	Average Daily Observation Patients	19	20	17	-

S. No.	Emergency Recording Coverage on 2067/068 and 2068/069	Cases of 2067/068	Cases on 2068/069
1	Emergency Ticket Distribution From Counter (Account Department)	34,385	30,780
2	Totally Free treated Emergency cases of Obstetric & Gynanology	7,641	8,314
3	Total Emergency Cases	42,026	39,094
2	Emergency Patients Recorded	31,207	26,844
4	Emergency Recording Coverage	74.26%	68.67%
5	Missing of Emergency Record among Total Emergency Services	10819	12,250
6	% of Emergency Recording Missed	25.74%	31.33%

% of Different Types of Emergency Outcome during Last Three Years (2066/067- 2068/069)



2. OPD

S. No.	Types of OPD Services	Counted Service on Three F.Y			Trends
		2066/067	2067/068	2068/069	
1	New Cases	95,933	98,706	85,828	-
2	Follow Ups	20,049	19,344	15,943	-
3	Total OPD	1,15,982	1,18.050	1,01,771	-

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	% of OPD Patients on 2067/068	OPD Rank on 2067/068	% of OPD Patients on 2068/069	OPD Rank on 2068/069	R e m a r k
1	Medical Cases	33.84%	1	30.81%	1	
2	Orthopaedic Cases	15.68%	2	15.84%	2	
3	Dermatology Cases	09.78%	3	08.97%	6	
4	ENT Cases	09.68%	4	09.68%	5	
5	Surgical Cases	09.38%	5	10..26%	4	
6	Obs /G Cases	07.76%	6	10.54%	3	
7	Dental Cases	07.36%	7	5.10%	8	
8	Paediatric Cases	06.49%	8	8.79%	7	
Total		100.00%		100.00%		

S. No.	OPD Services	On 2067/068	On 2068/069
1	OPD Services with OPD Ticket	1,18,050	1,01,771
2	Estimated OPD Service without OPD Ticket	36,560 (30.97%)	21,084 (17.2 %)
3	Estimated Total OPD Services	1,54,610	1,22,855
4	OPD Service From Emergency Ticket	10825 (09.17%)	12,428 (10.1%)
5	Estimated net OPD Services without Ticket	25,735 (21.80%)	8656 (7.1%)

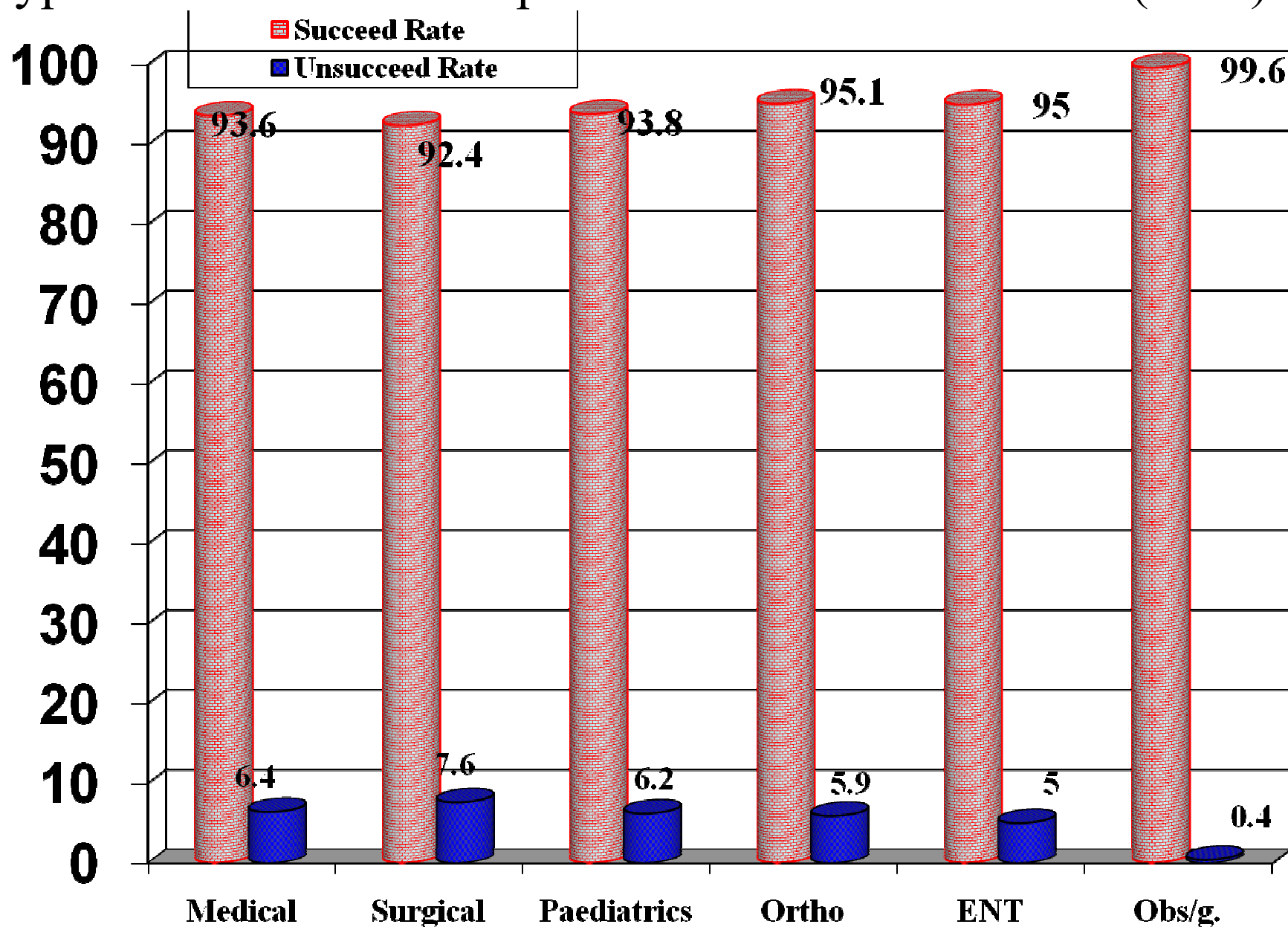
3. Inpatients

S. No.	Types of Emergency Services	Inpatients Service on Three F.Y.			Trends
		2066/067	2067/068	2068/069	
1	Medical Services	2,660	2,449	2,389	-
2	Surgical Services	1,262	1,384	1,144	-
3	Paediatrics Services	803	1,234	1,257	-
4	Orthopedic Services	251	271	267	-
5	ENT Services	127	81	61	-
7	Obstetric & Gynecology Service	7,153	7,556	8454	+
Total Inpatients		12,256	12975	13,562	+

Outcomes of Inpatient Services on 2068/069

S. No.	Department	Cured / Improved	Referred	LAMA	DOR / ABS.	Expired	Total
1	Medical	2235	132	6		16	2389
2	Surgical	1057	73	6	1	7	1144
3	Paediatrics	1194	56	6		1	1257
4	Orthopaedic	241	1	14		1	257
5	ENT	58		2	1		61
6	Obs/Gyn.	8417	27	5	2	3	8454
Total		13,202	289	39	4	28	13562
% of Outcomes on 2068/069		97.3%	2.1%	0.3%	0.1%	0.2%	100.0%
% of Outcomes on 2067/068		95.3%	3.9%	0.4%	0.2%	0.3%	100.0%

Types of Outcomes of Inpatient Services on 2068/069 (In %)



S. No.	Different Types of Hospital Indicators	Indicators of Last Three F.Y. Inpatients			Trends
		2066/067	2067/068	2068/069	
1	Average Length of Stay (ALS)	3.3 Days	3.3 Days	3.1 Days	-
2	Average Per Day Inpatients (APDP)	111 Patients	118 Patients	115 Patients	-
3	Bed Occupancy Rate (BOR)	82.0 %	87.7 %	85.2 %	-
4	Throughput (Total Bed Turnover)	91 Patients	96 Patients	101 Patients	+
5	Bed Turnover Interval (BTI)	0.7 Day	0.5 Day	0.5 Day	=

Operation

S. No.	Types of Operation	2066/067				2067/068				2068/069			
		Maj.	Inter	Minor	Total	Major	Inter	Minor	Total	Major	Inter.	Minor	Total
1	Surgical	295	157	412	864	343	179	686	1208	287	215	526	1028
2	Obs / G	1481	99	256	1836	949	54	229	1232	1253	88	147	1488
	CAC	-	-	555	555	-	-	498	498	-	-	523	523
	PCA	-	-	239	239	-	-	395	395	-	-	492	492
3	ENT	83	131	226	440	69	78	194	341	66	79	184	329
4	Orthopedic	136	227	47	410	119	141	152	412	164	268	19	451
	Plaster A	-	372	-	372	-	239	-	239	-	235	-	235
	Plaster B	-	224	-	224	-	139	-	139	-	121	-	121
	Plaster C	-	-	2400	2400	-	-	2384	2384	-	-	2183	2183
	Total	136	823	2447	3406	119	492	2536	3147	164	624	2202	2990
Grand Total.....		1995	1210	4135	7340	1480	830	4538	6848	1770	1006	4074	6850

Delivery

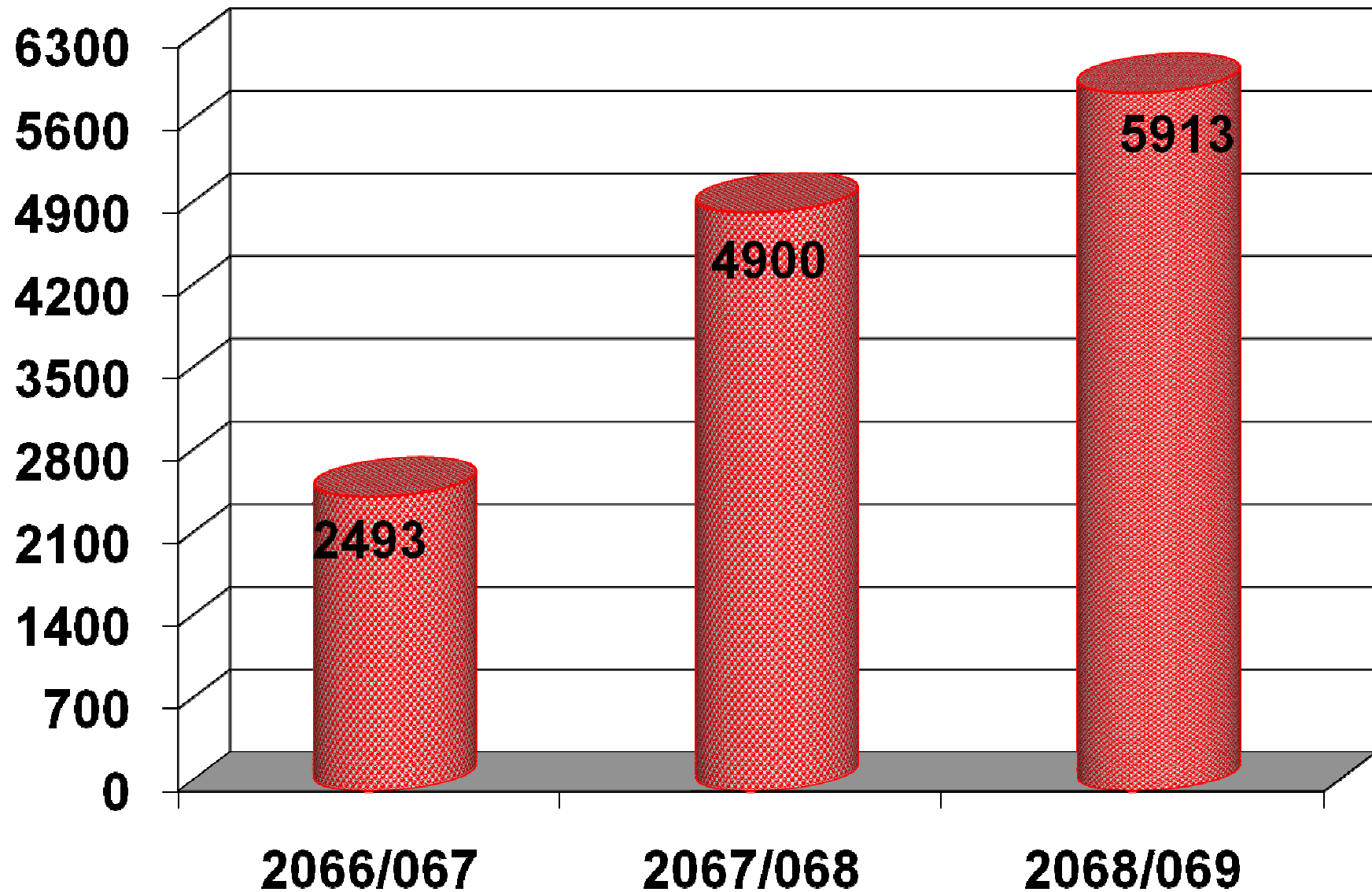
S. No.	Different Types of Delivery	Delivery Service on Last Three Financial Year			Trends
		2066/067	2067/068	2068/069	
1	Spontaneous Vaginal Delivery <i>(Including Complication Management)</i>	4,294	5384	5655	+
2	Instrumental Delivery	171	206	394	+
3	Operated (LSCS) Delivery	1,407	847	1123	+
3	Total Delivery	5,872	6,437	7,172	+

Dental Surgery Department

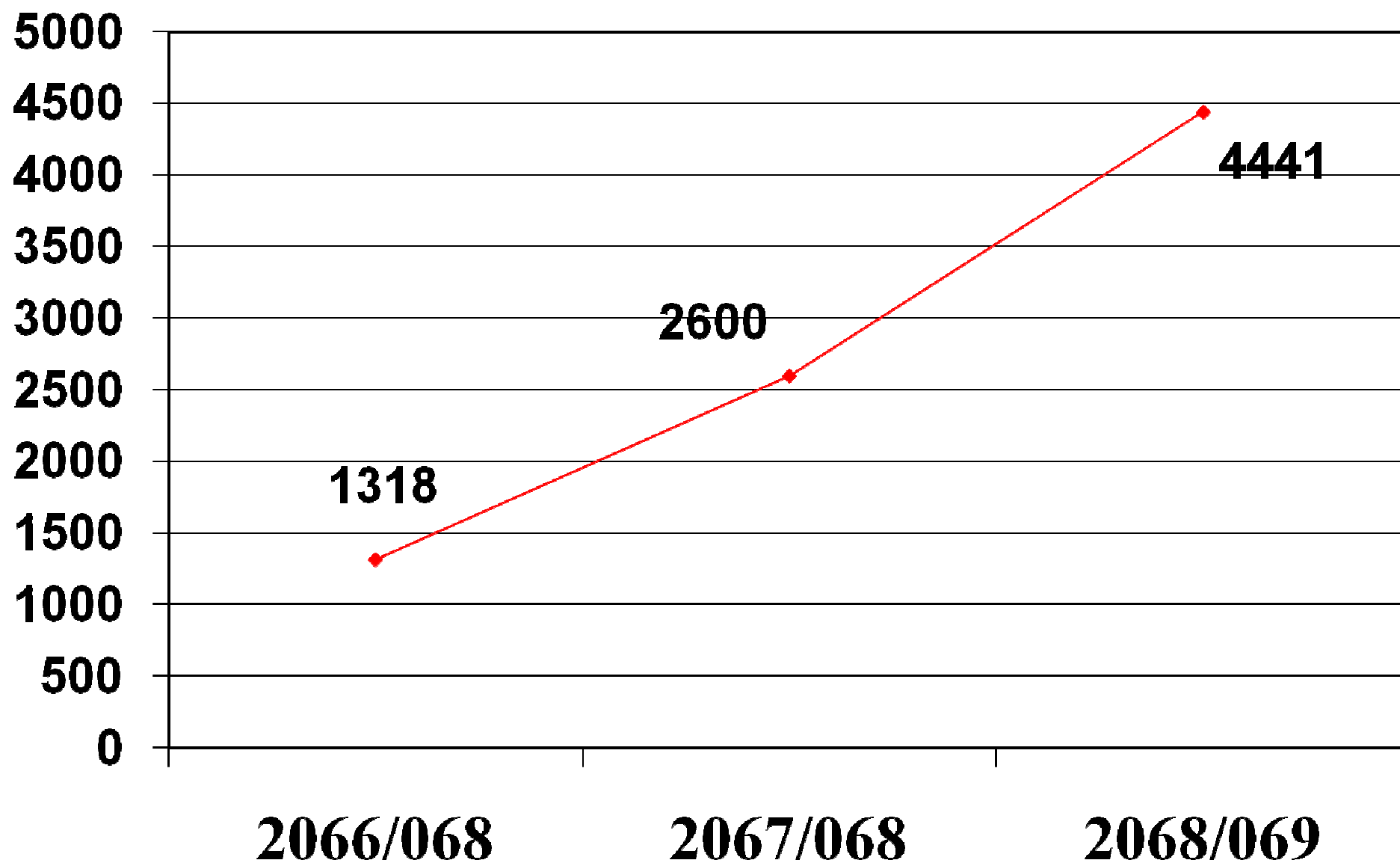
Clinical Aspect Review Completed

Dental Surgery

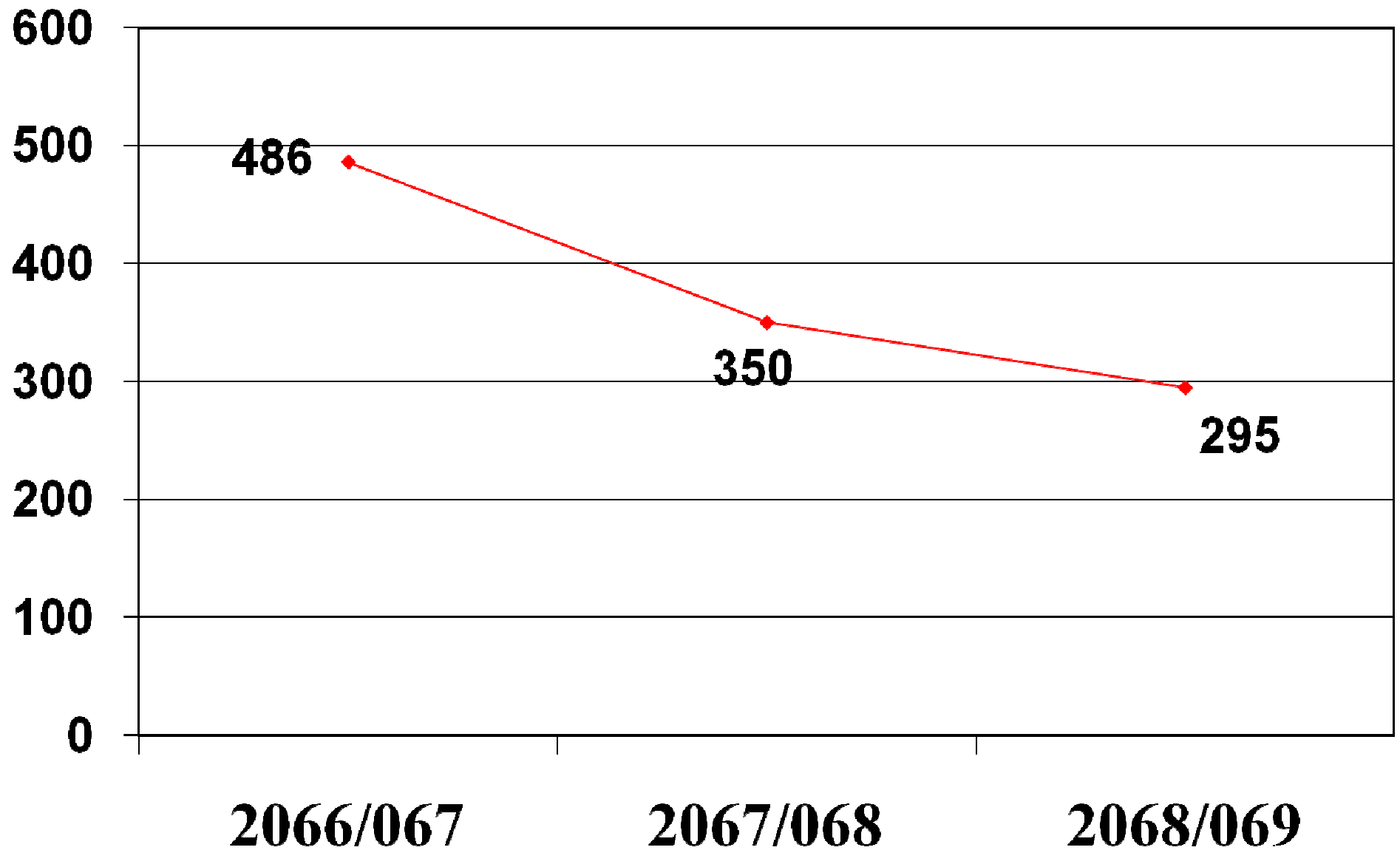
Total No of Dental Surgery



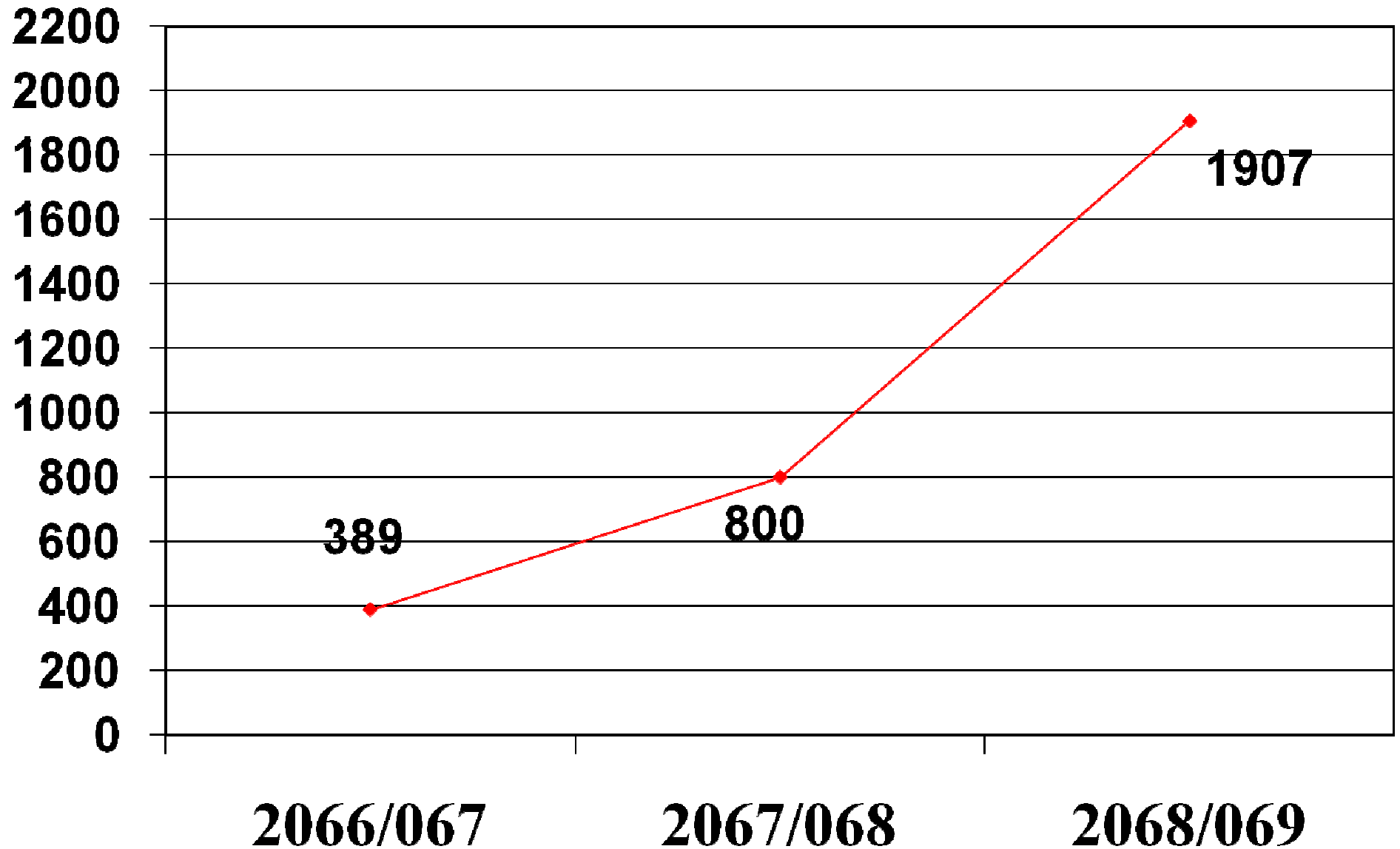
Extactions



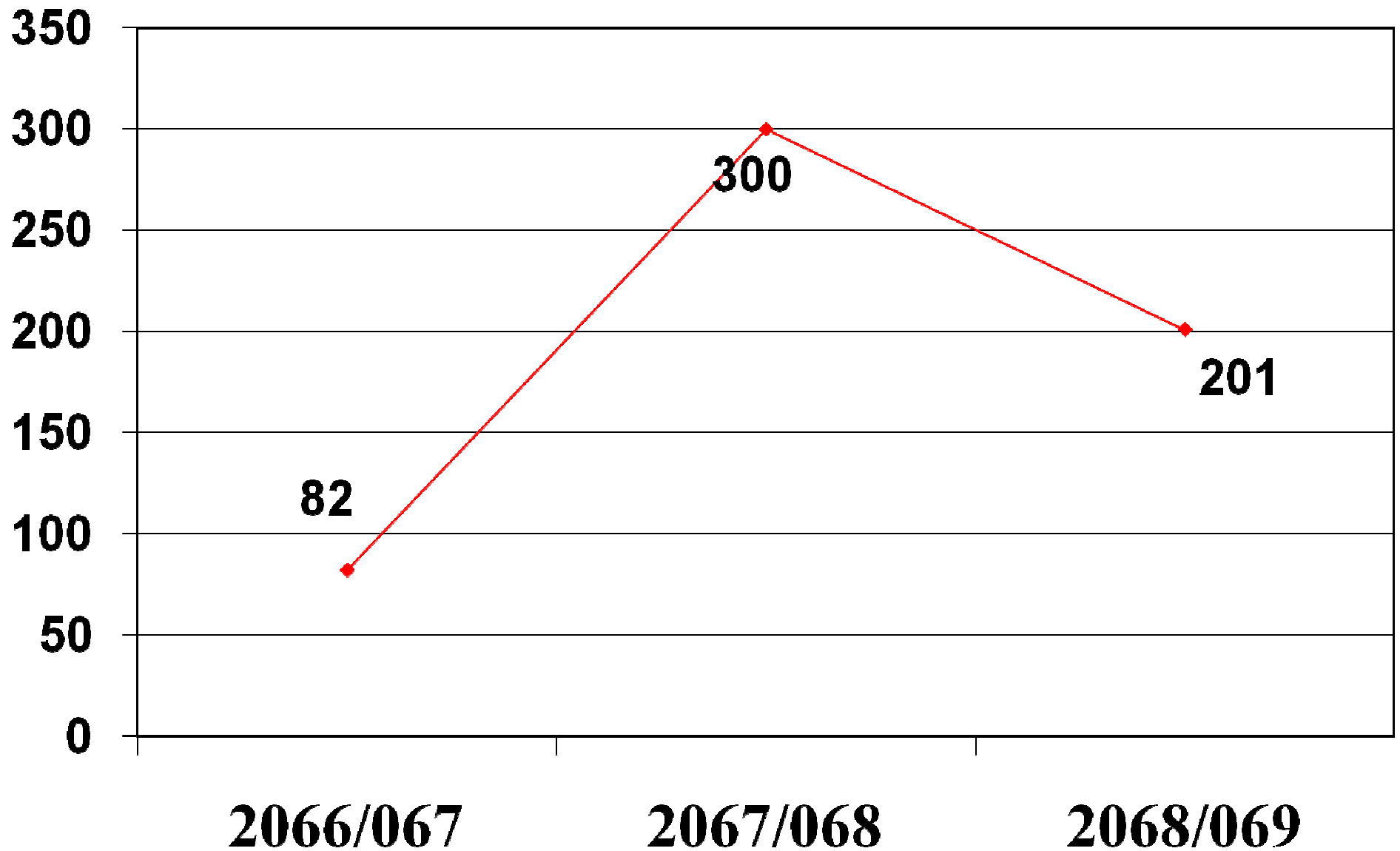
Scaling



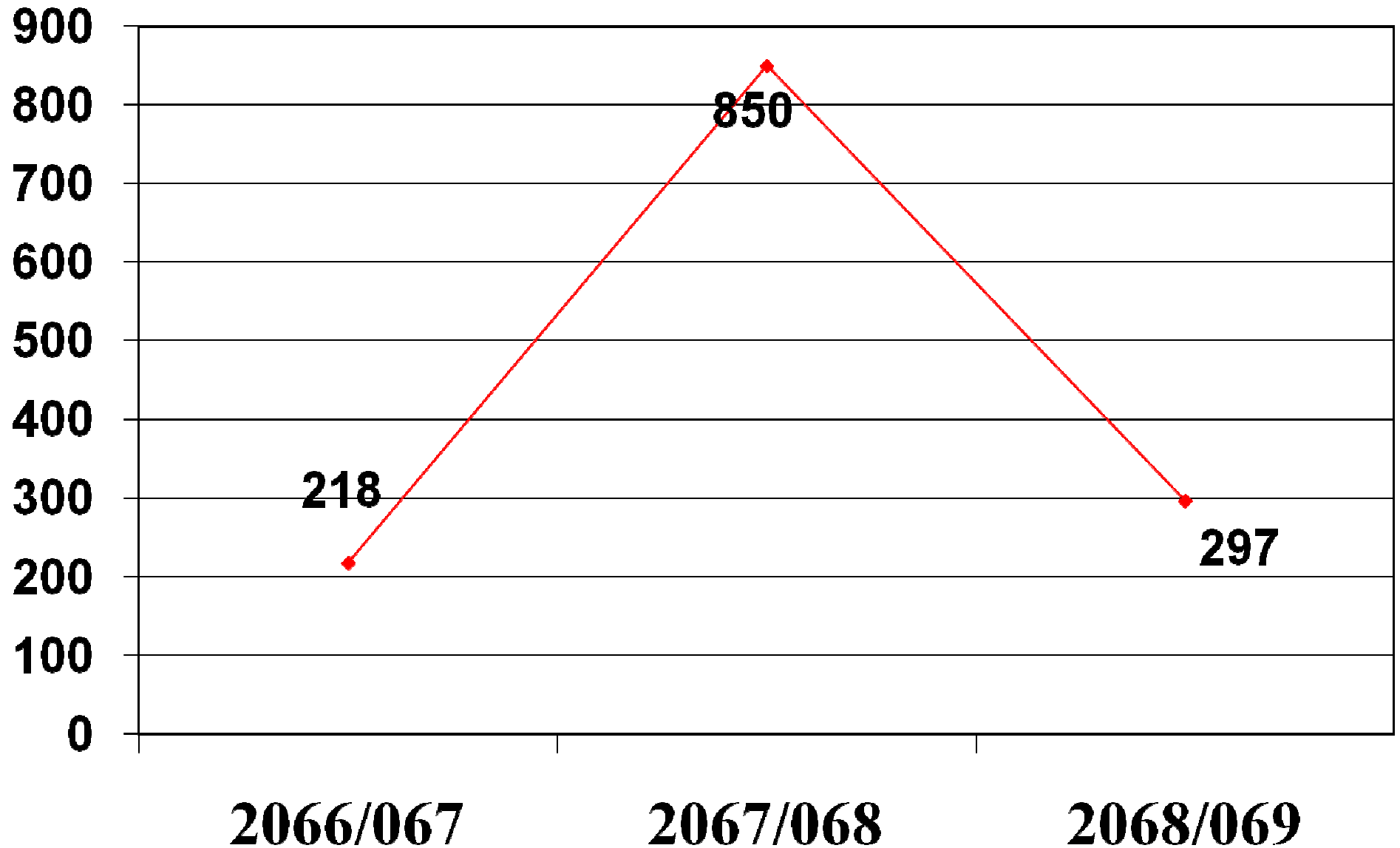
Fillings (Restoration)



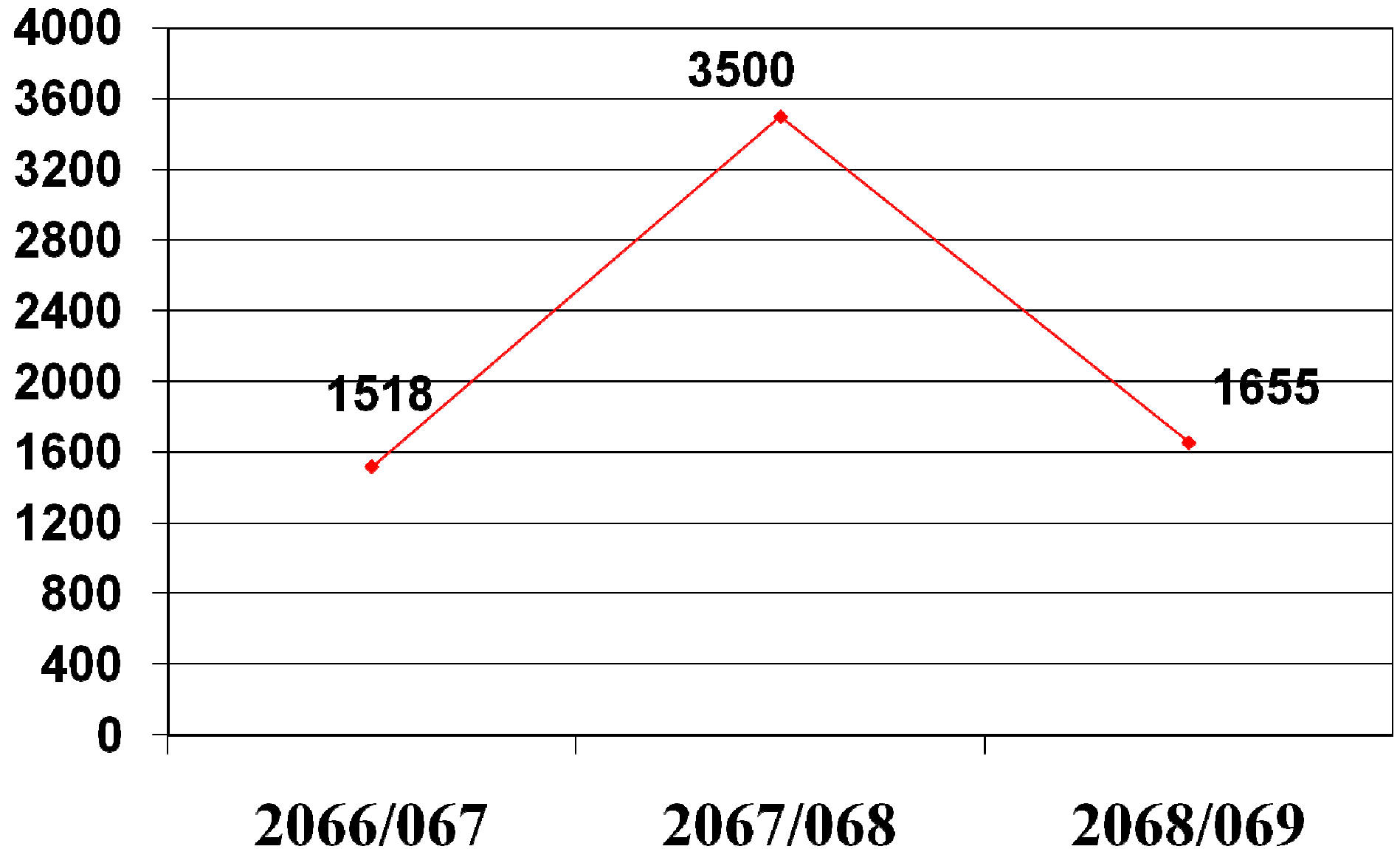
Minor Surgery



Root Canal Treatment



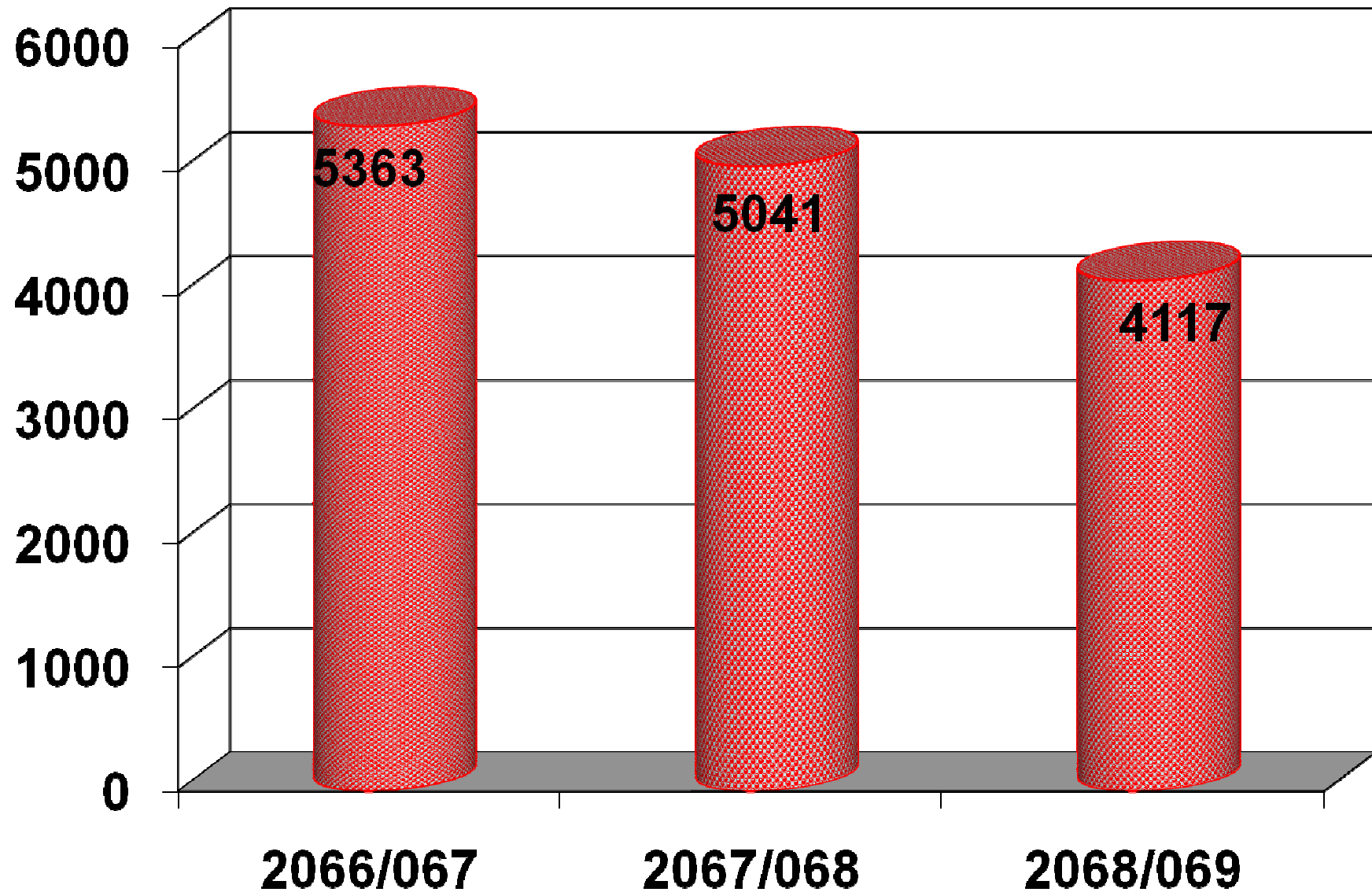
Dental X-ray



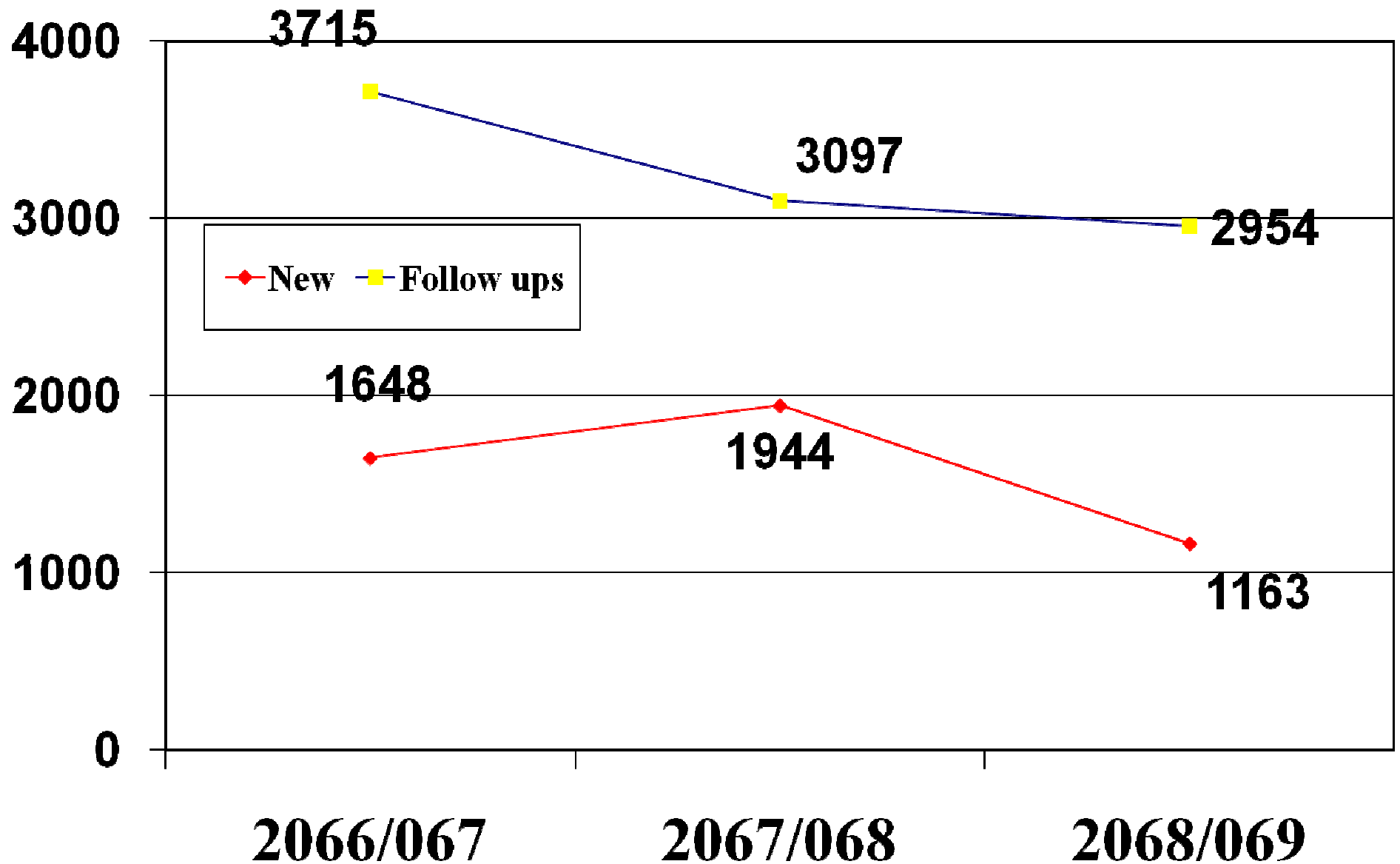
Orthopaedic Surgery Department

1. Physiotherapy Unit

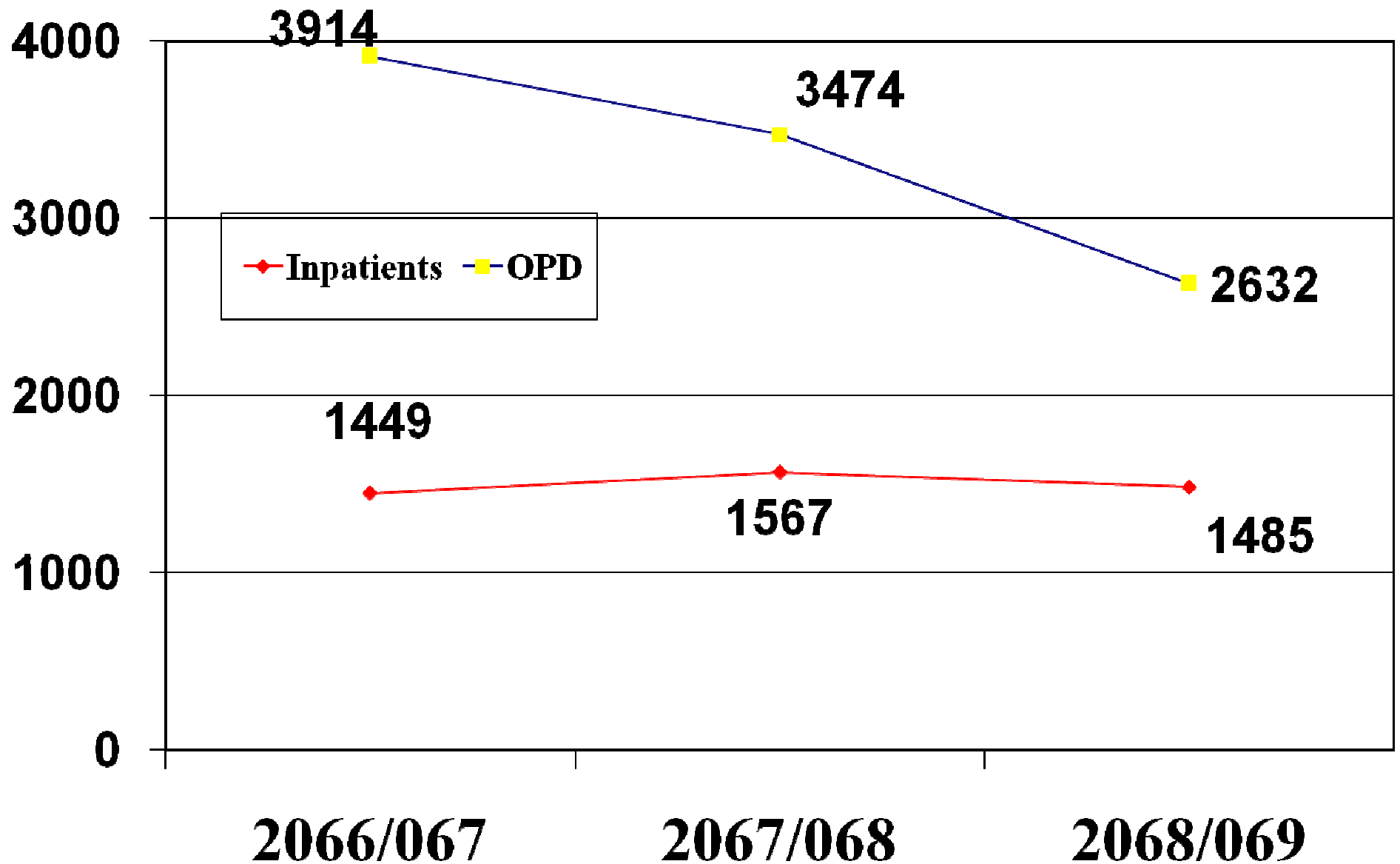
No of Physiotherapy Services



Types of Physiotherapy Patients-1

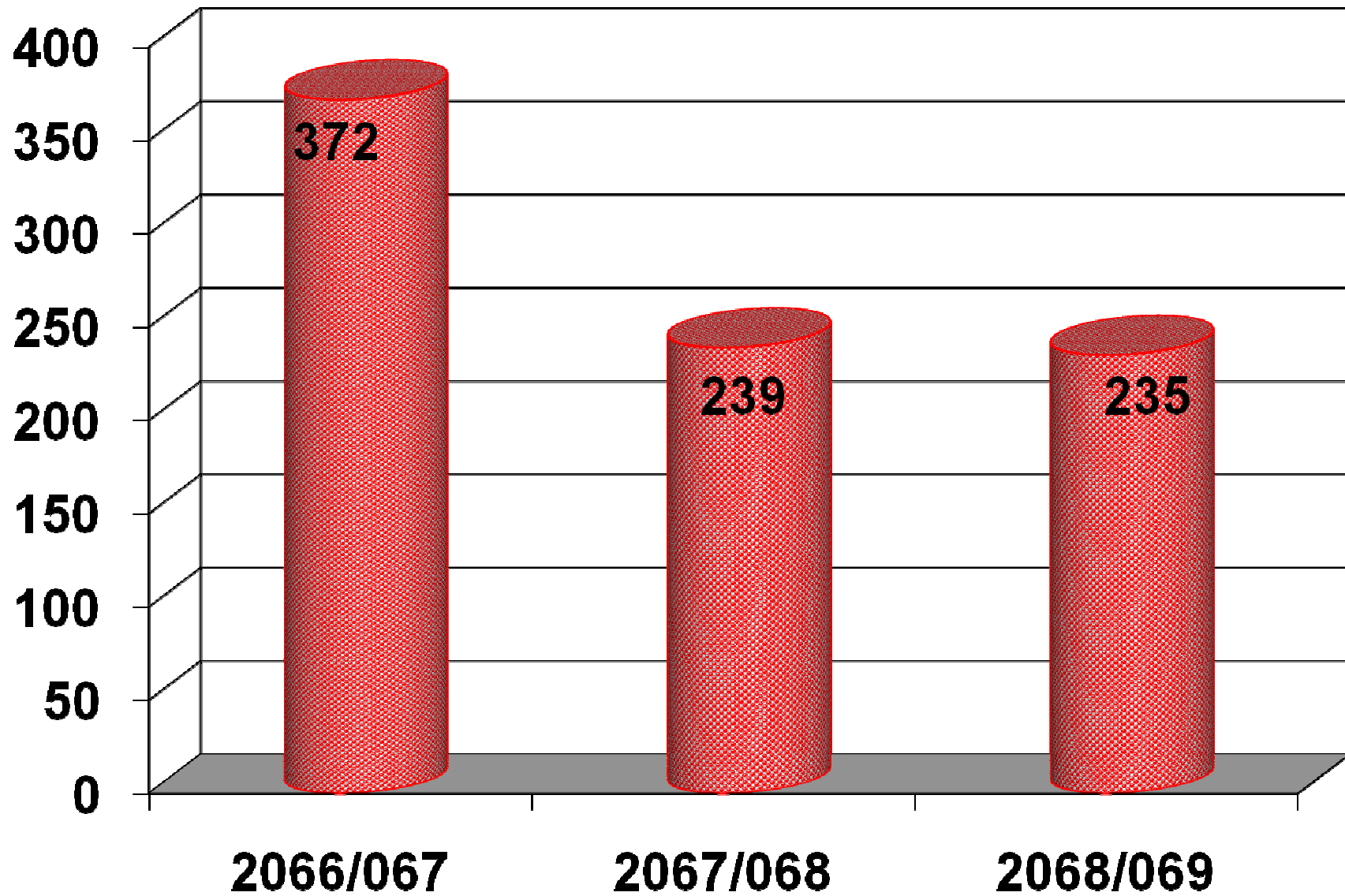


Types of Physiotherapy Patients-2

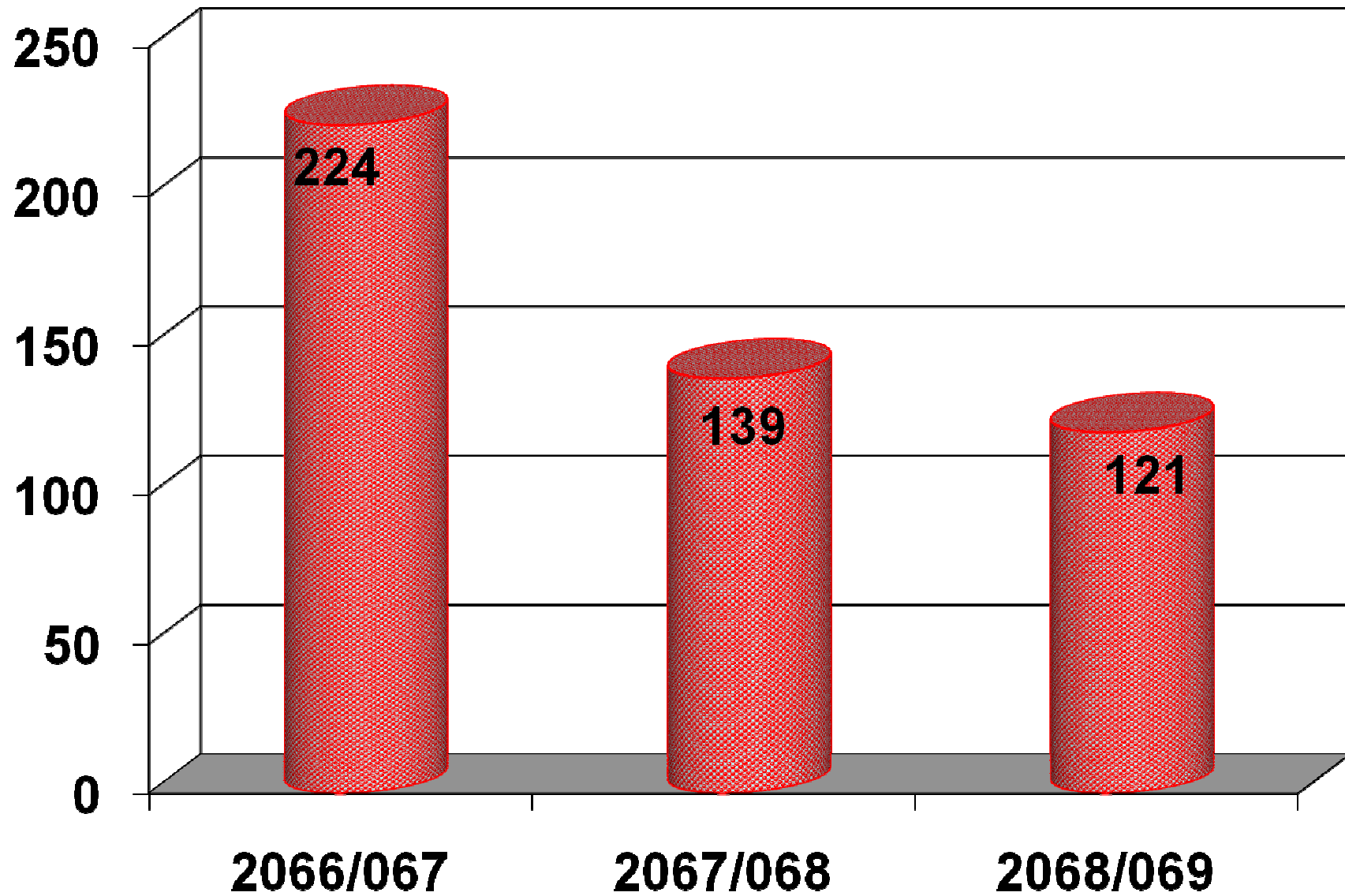


2 Plaster Unit

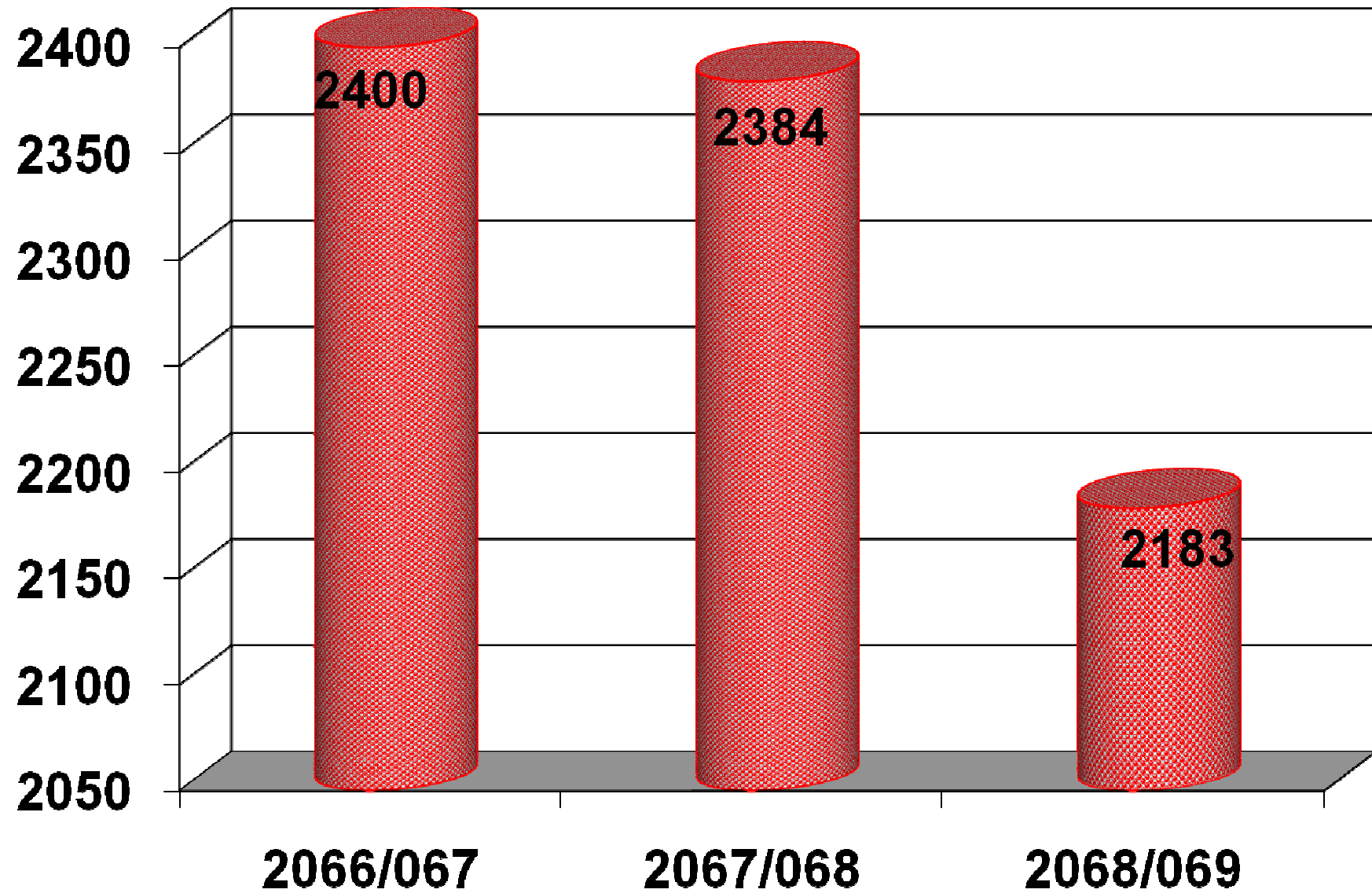
Plaster A



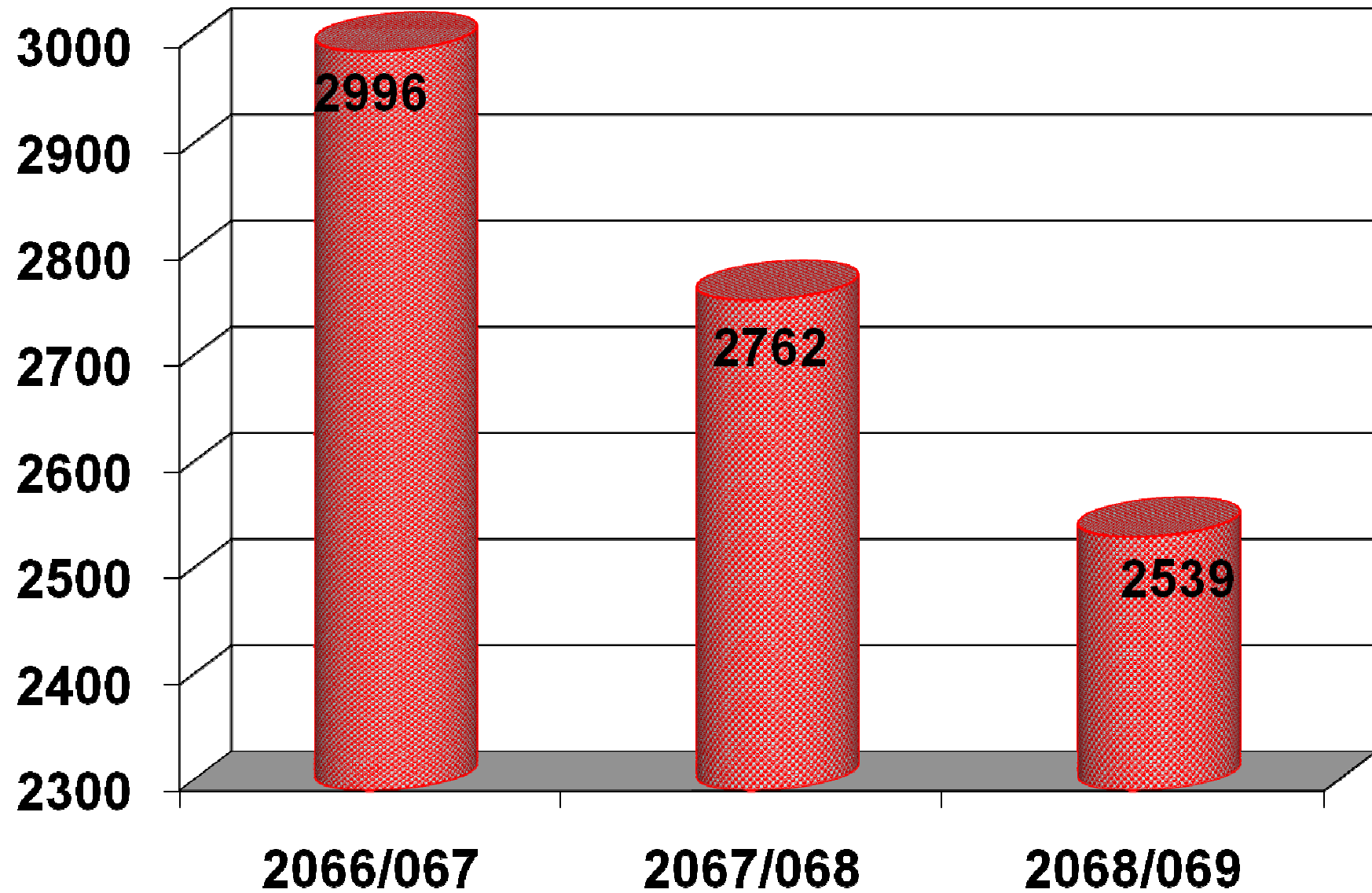
Plaster B



Plaster C



Total Plaster



१. स्थायी प्रकृतिको एकजना कार्यालय सहयोगी आवश्यक रहेको,
२. मर्मत नगरी नहुने अवस्थामा रहेका औजारहरु

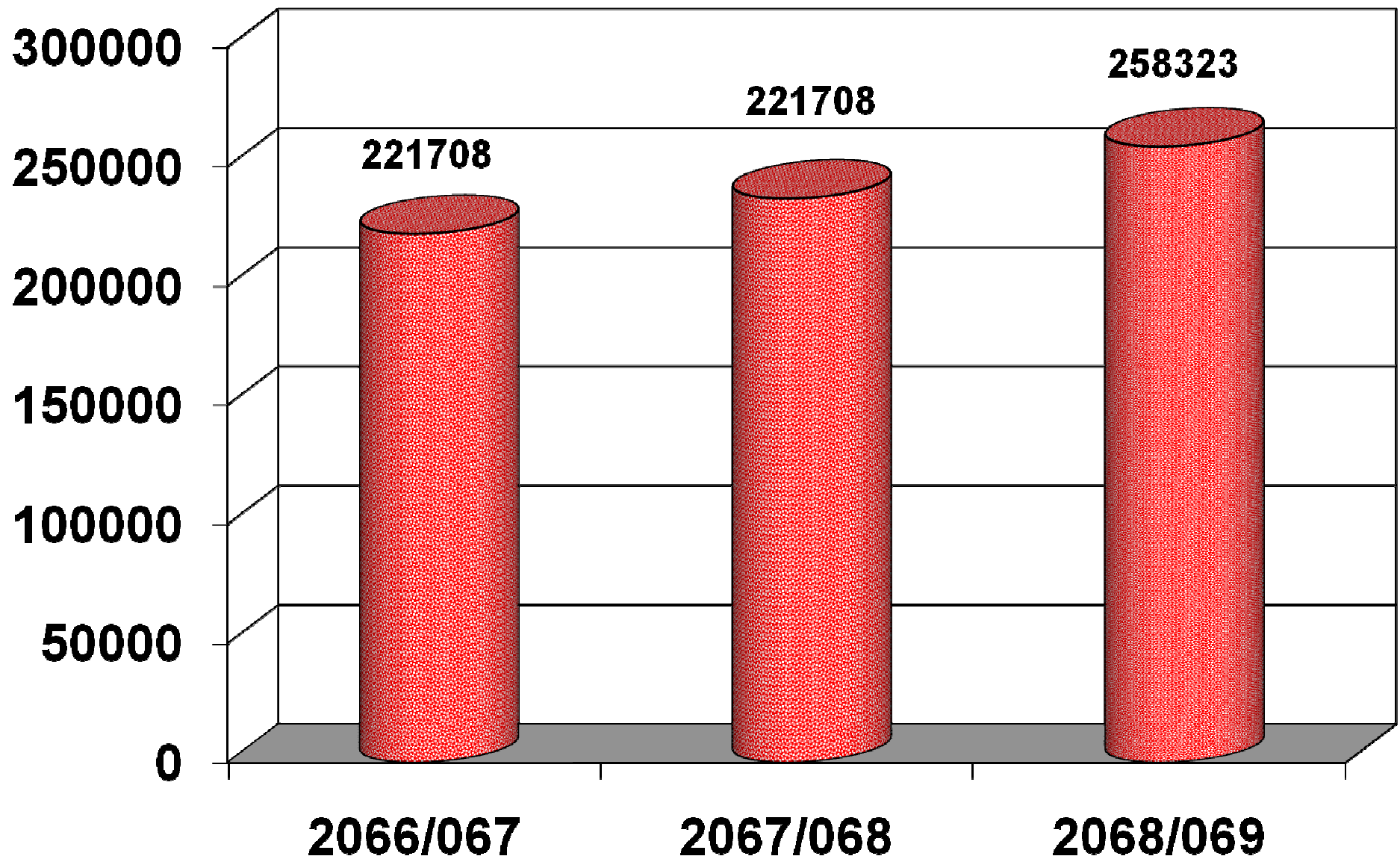
१. S.W. Diathermy,
- २ U.S. Therapy,
३. TENS
४. Traction

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

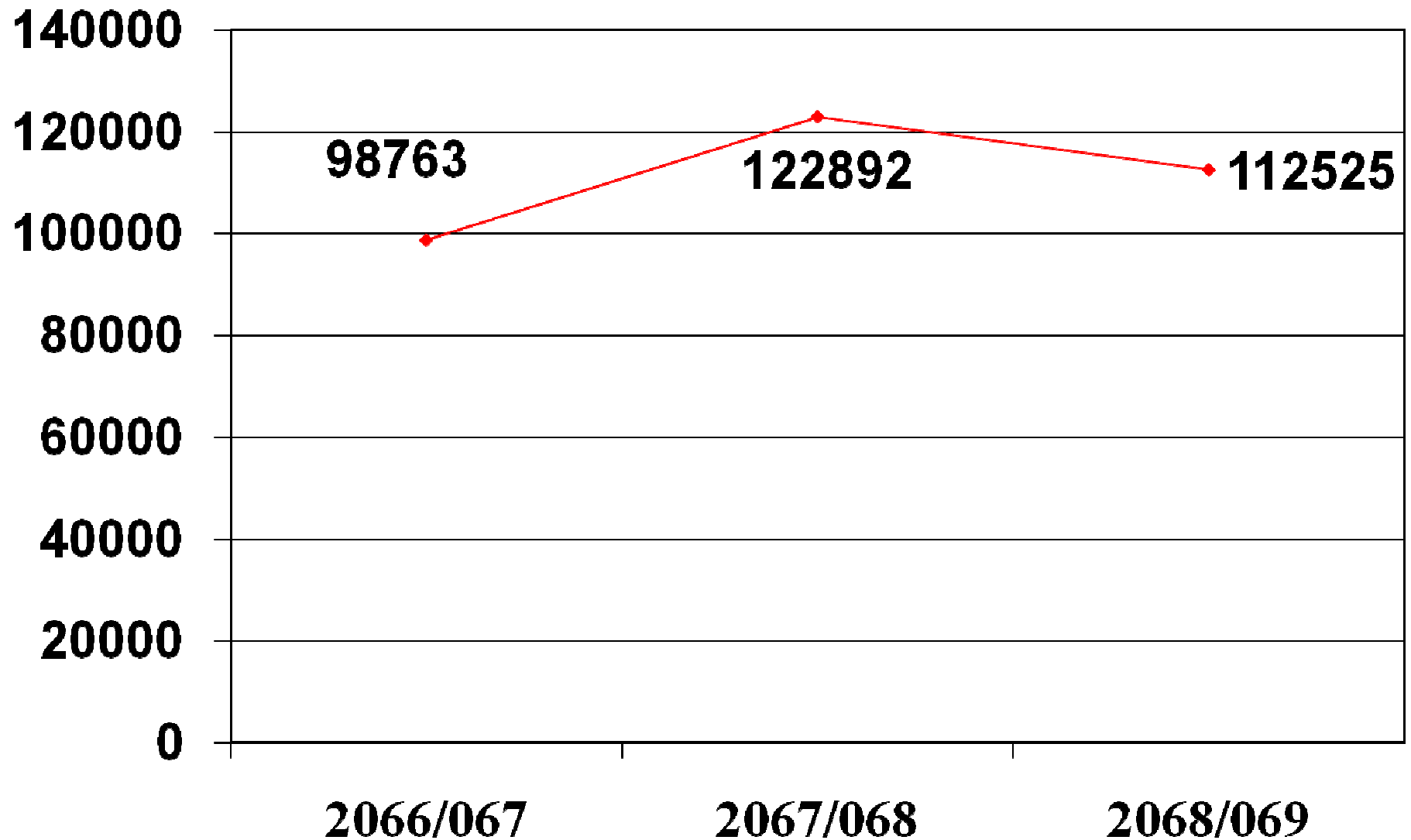


Name of Unit Under Laboratory Service Department

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

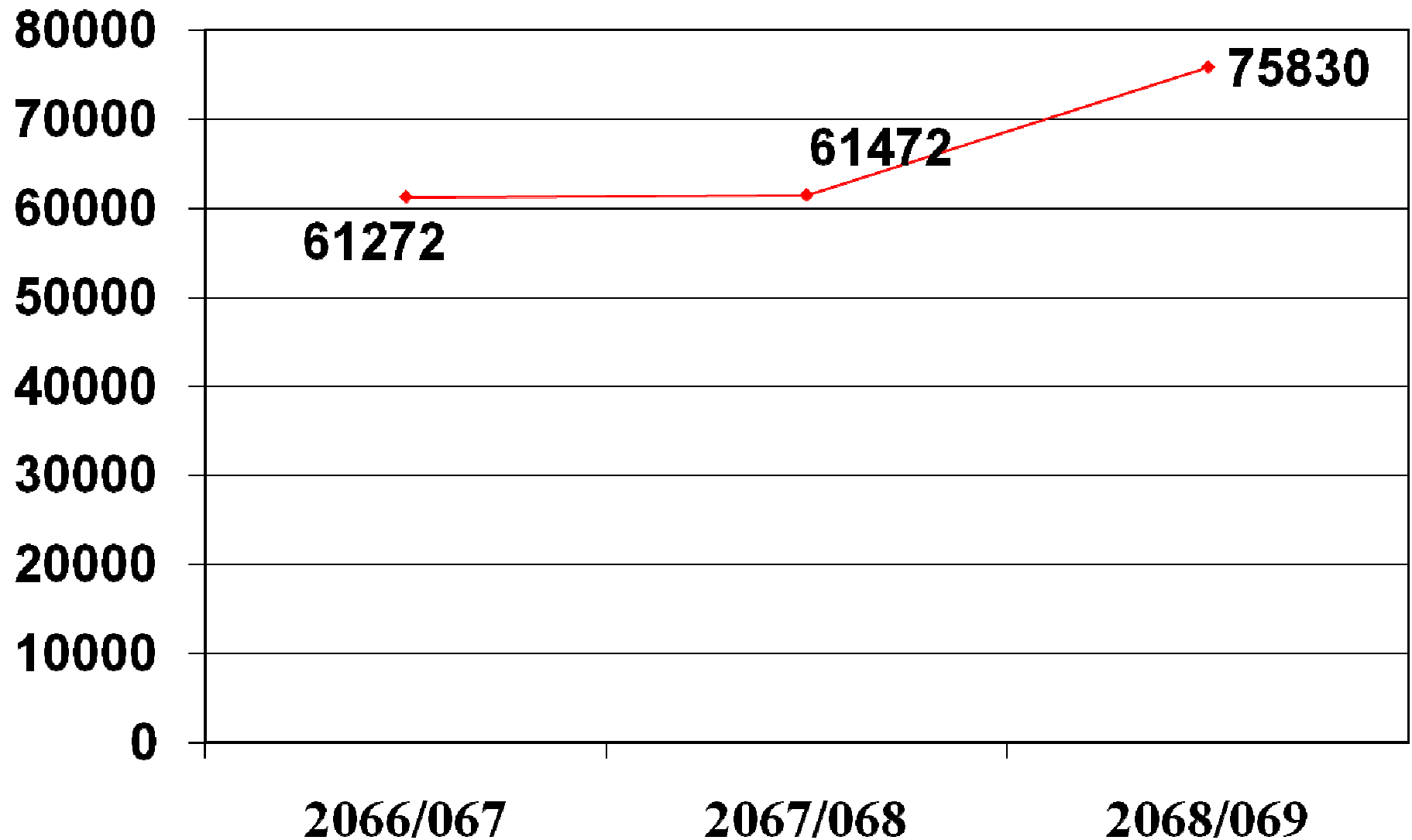
1 Hematology Unit

Total No. of Haematology Services



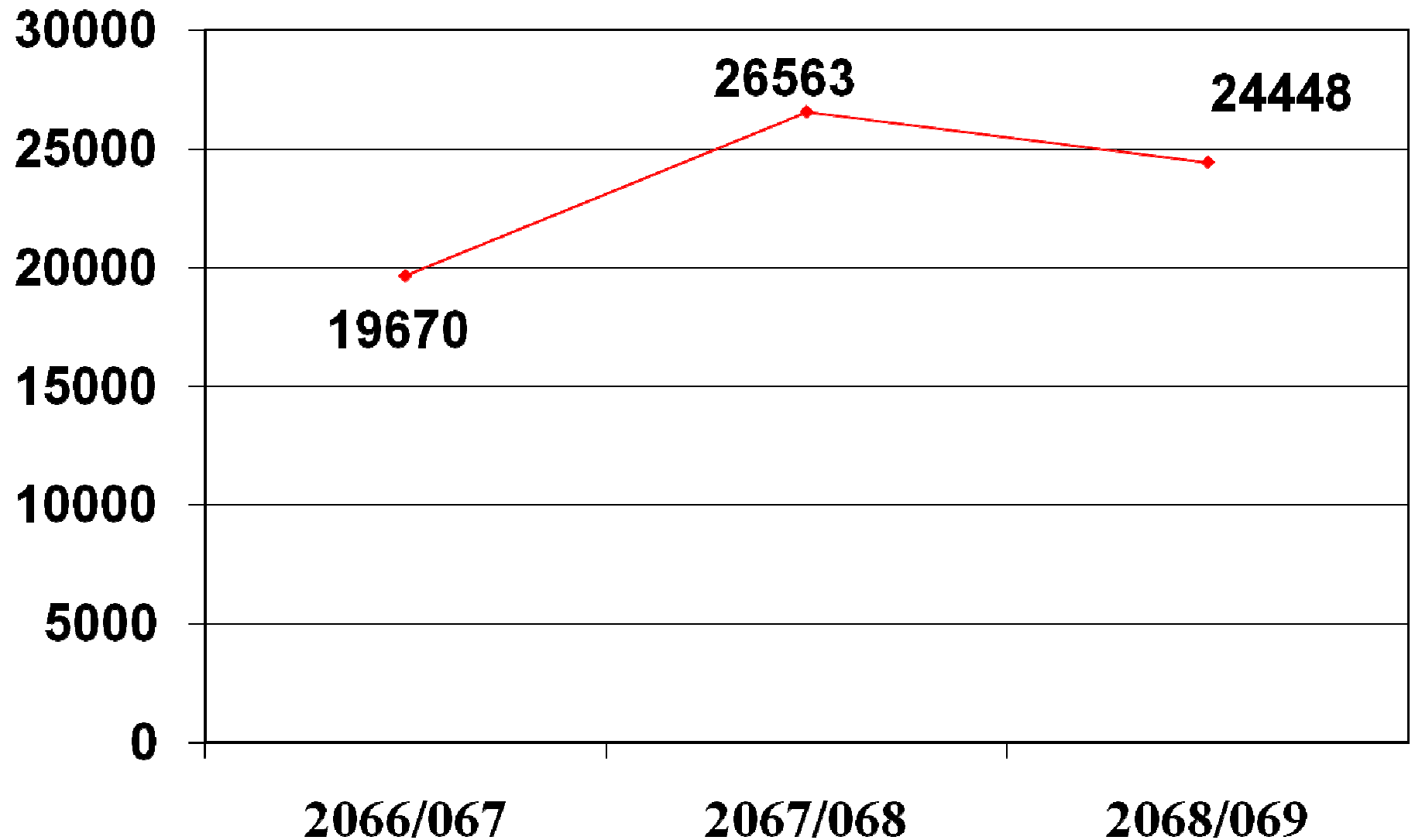
2 Biochemistry Unit

Total No. of Bio-Chemistry Services



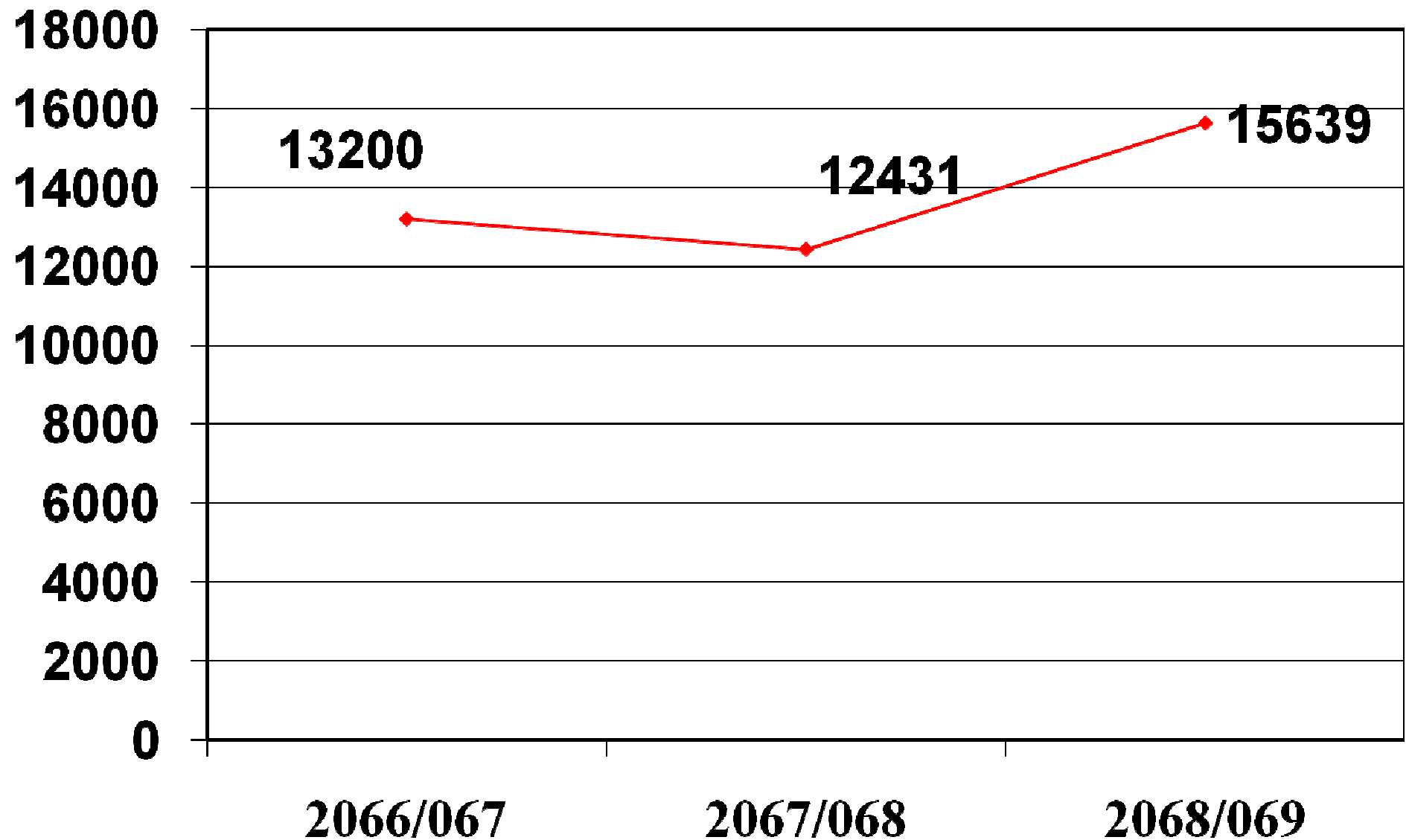
3 Immunology Unit

Total No. of Immunology Services



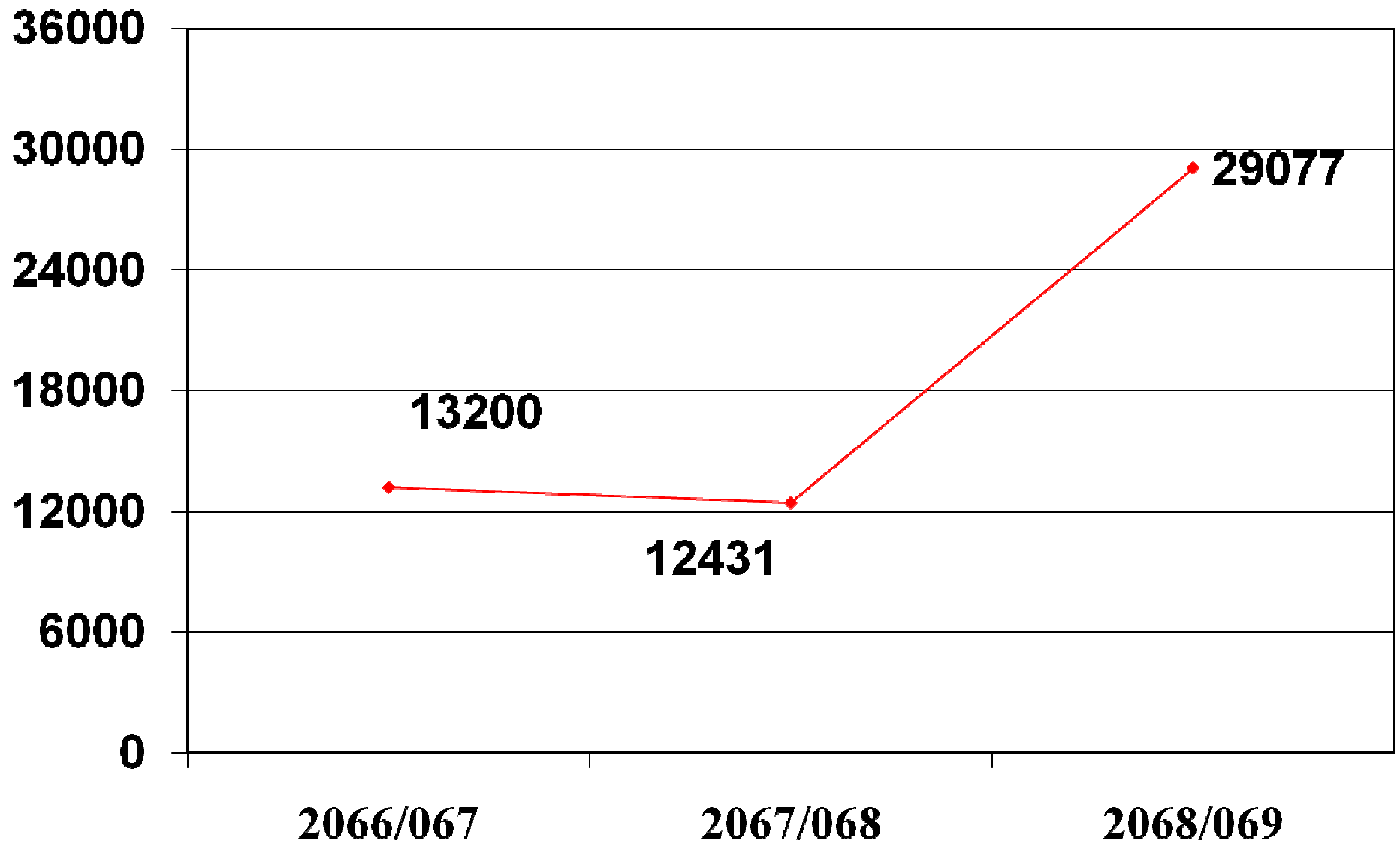
4 Micro Biology Unit

Total No. of Micro-Biology Services



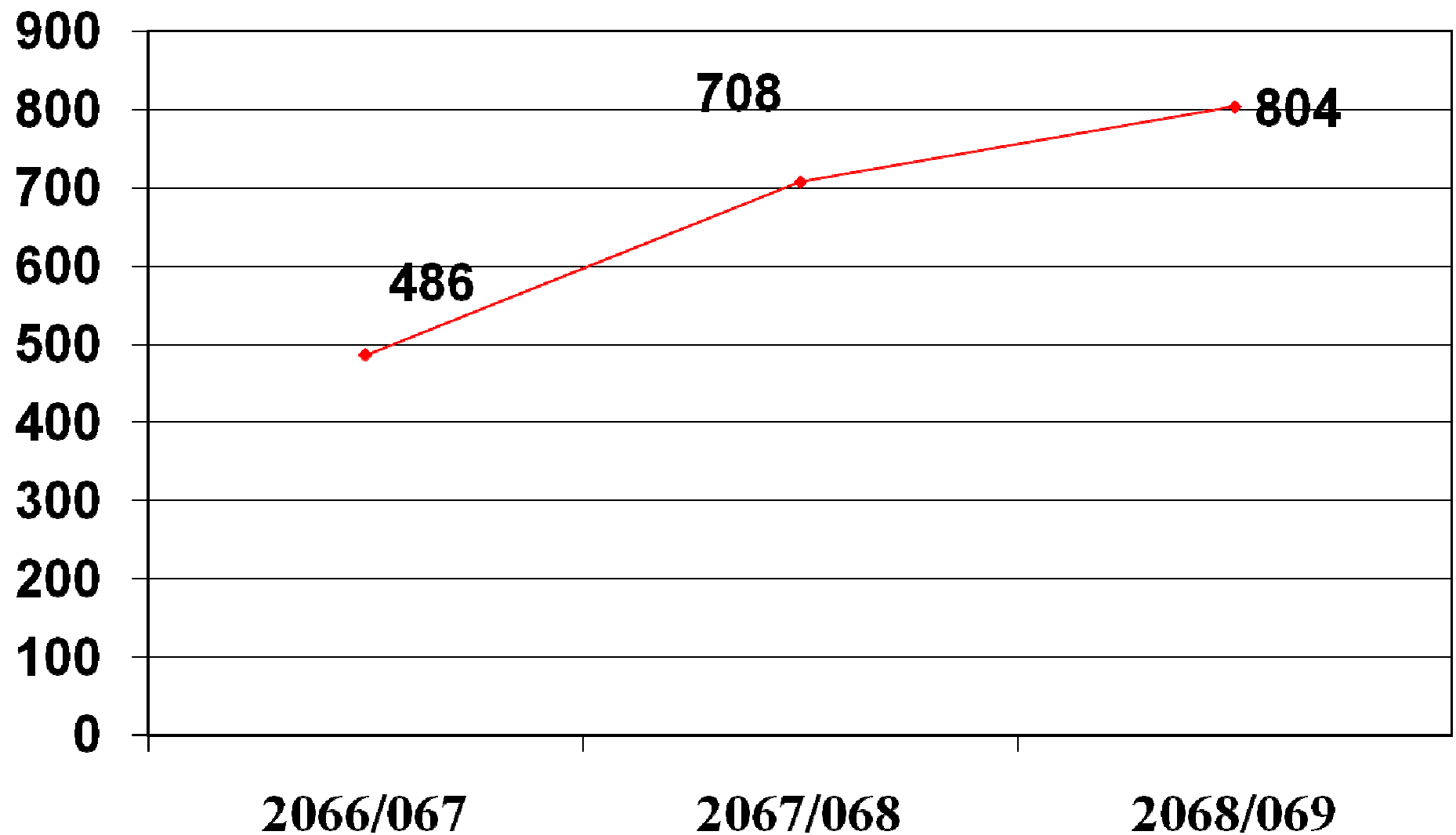
1 Parasitological Unit

Total No. of Parasitological Services

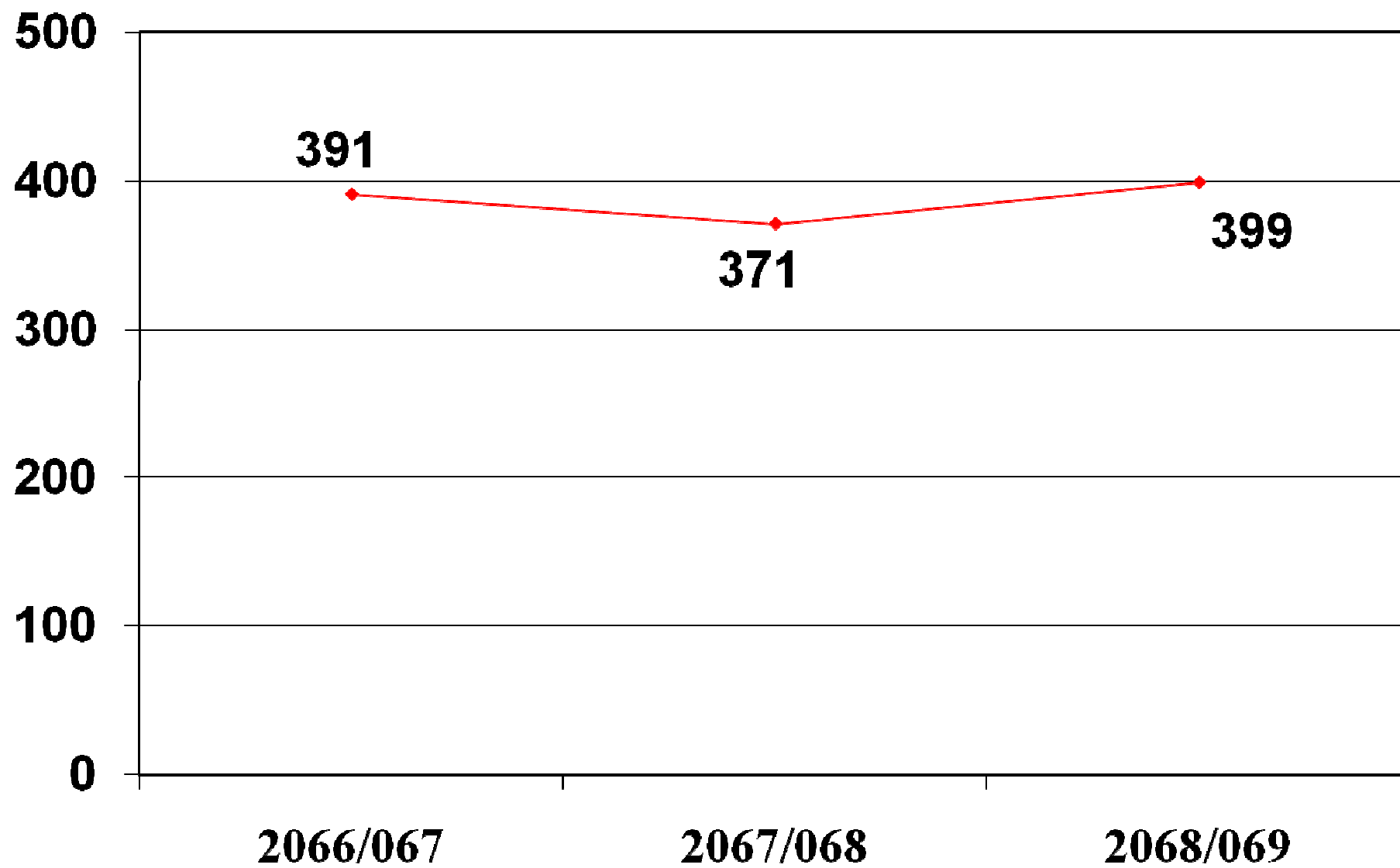


6 Histo-cytopathology Unit

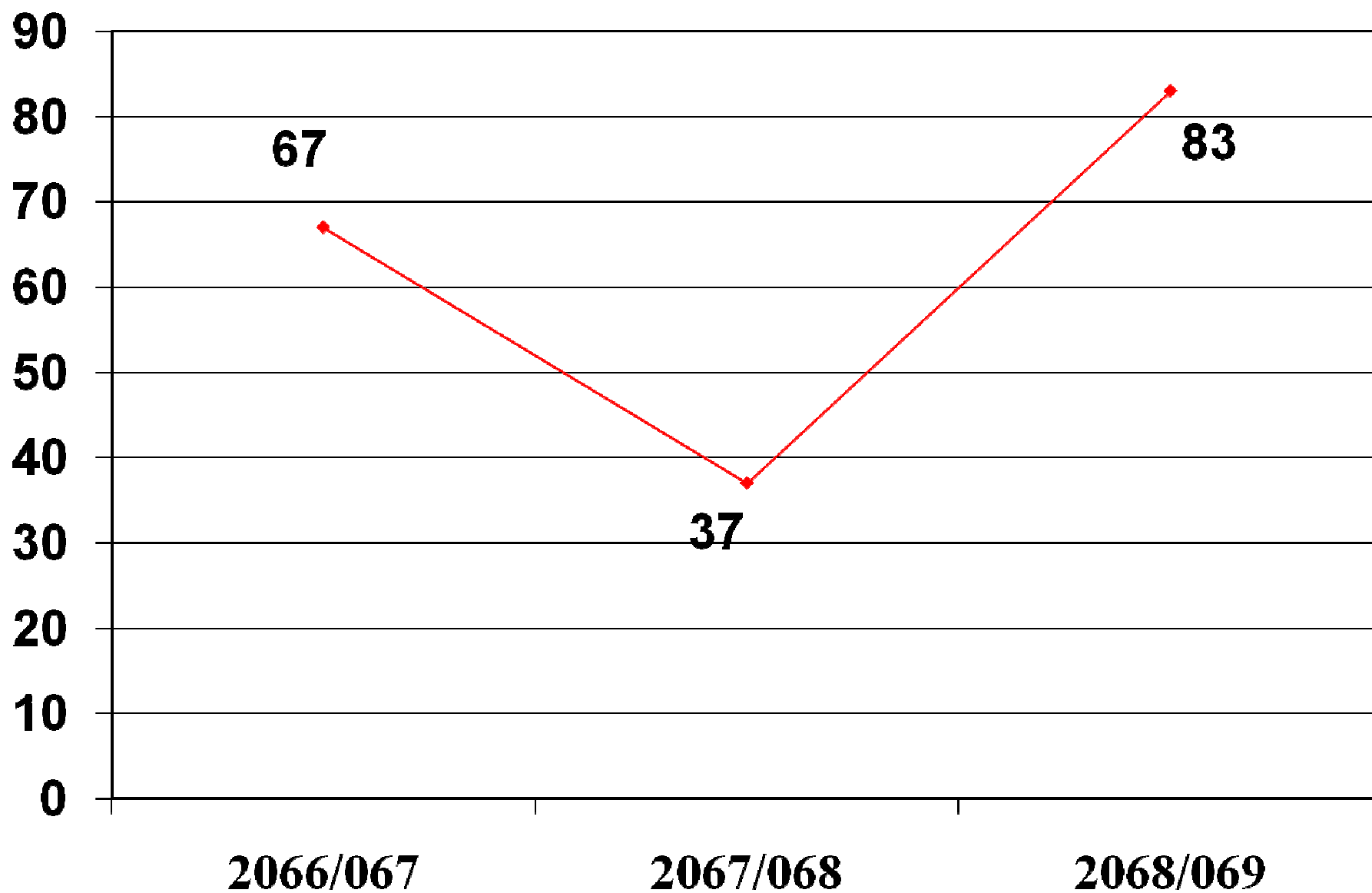
Total No. of Histo-Cytopathological Services



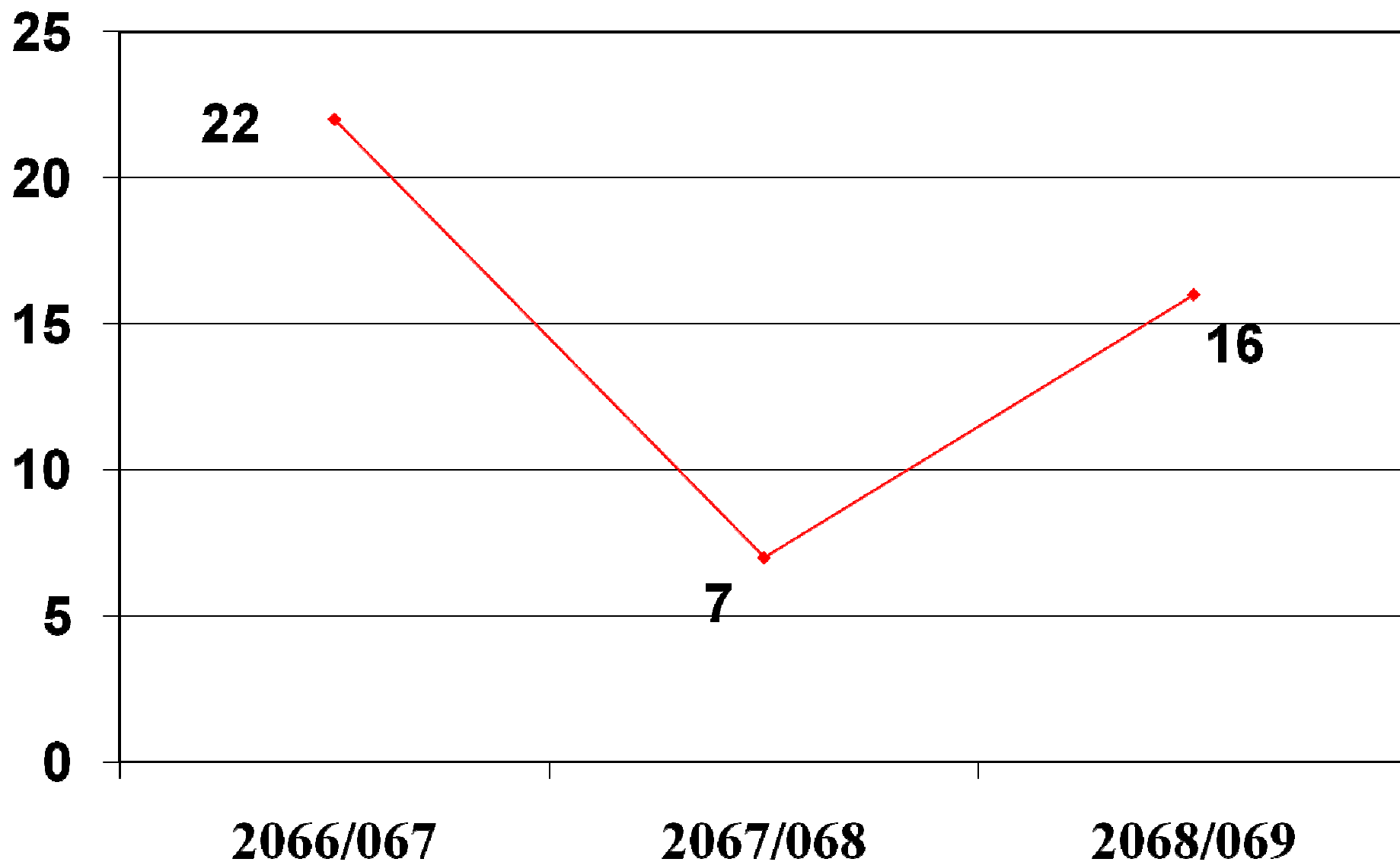
FNAC Services



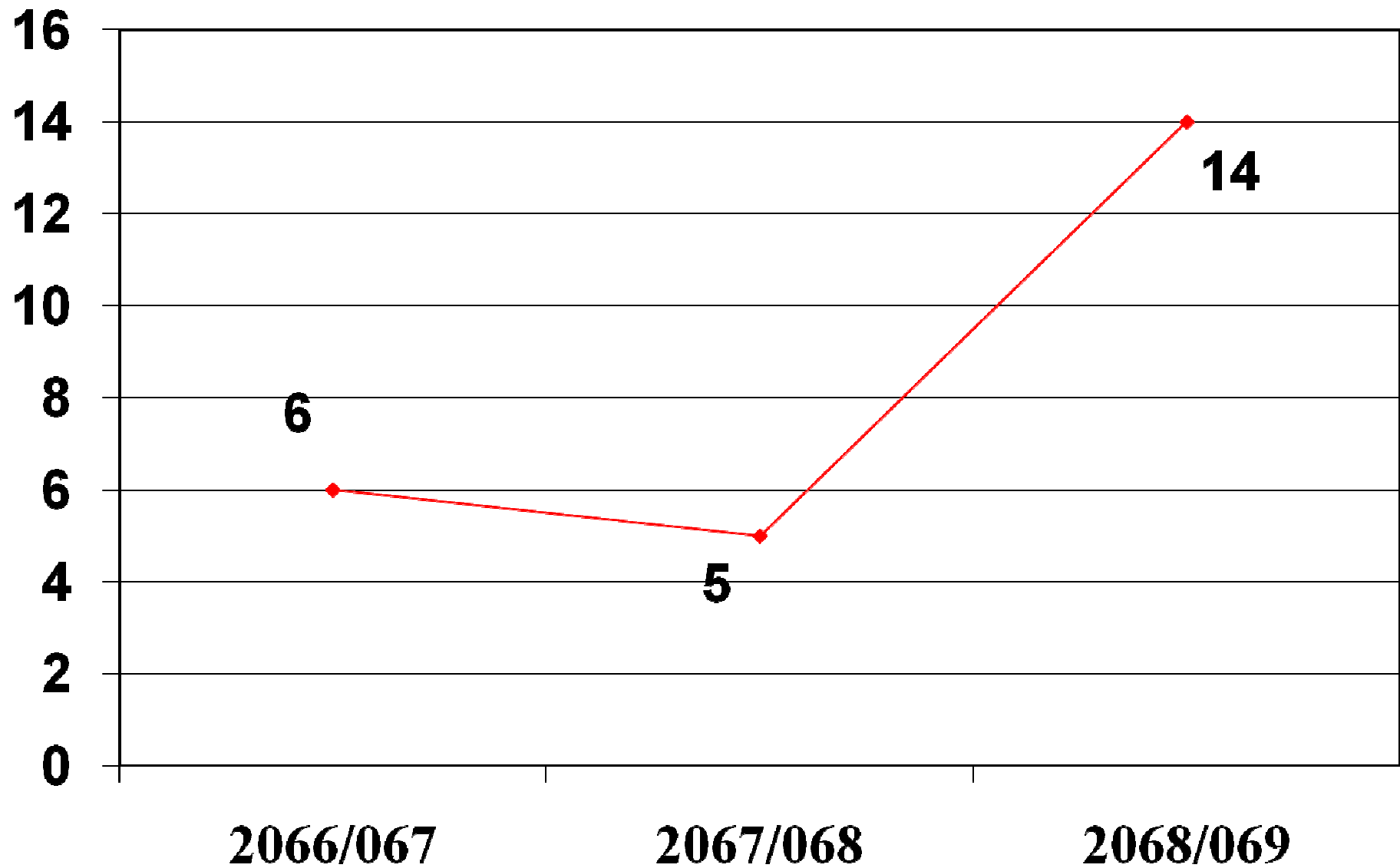
PAP Smear Services



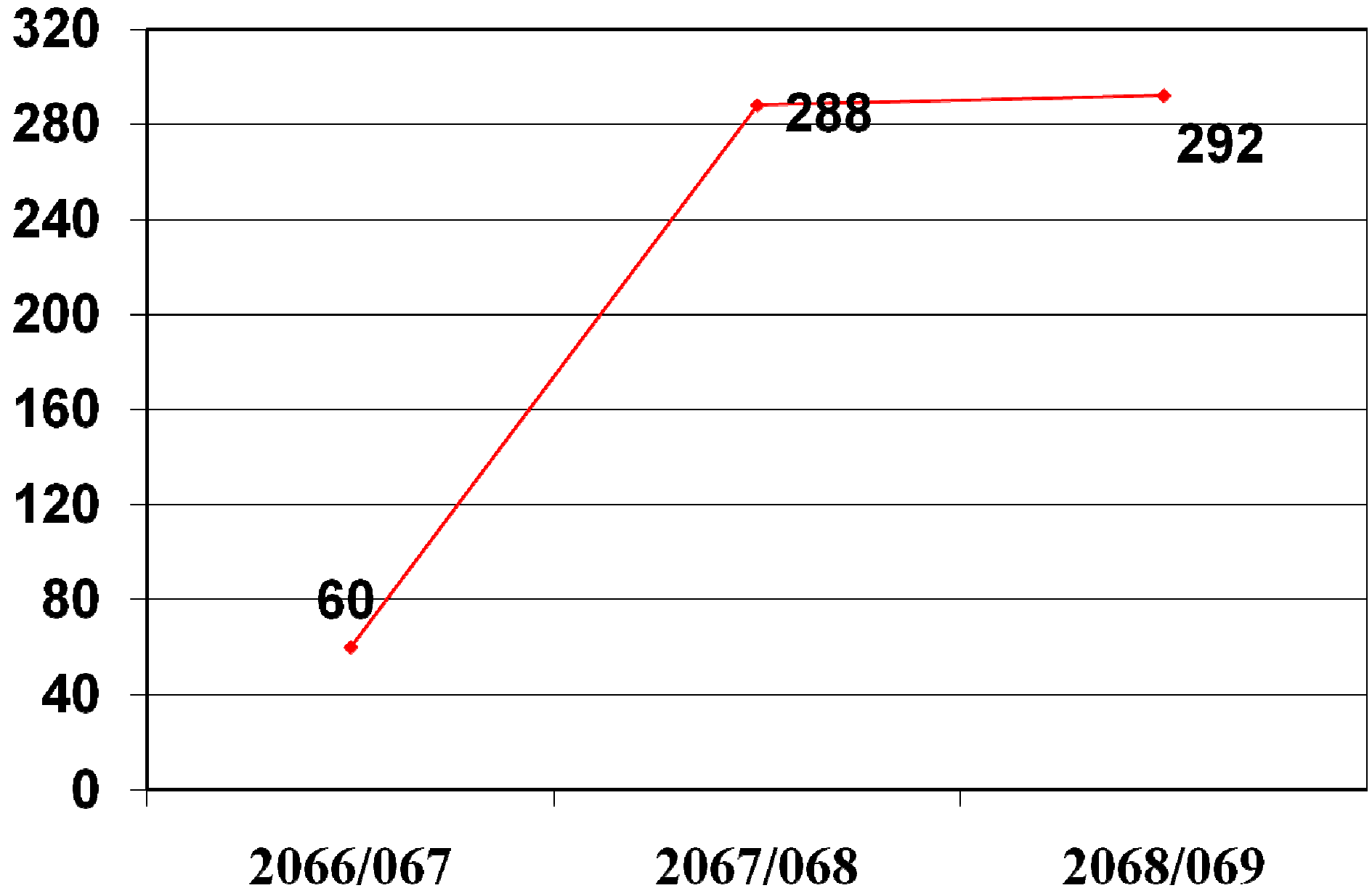
Fluid Cytology Services



Bone Marrow Services



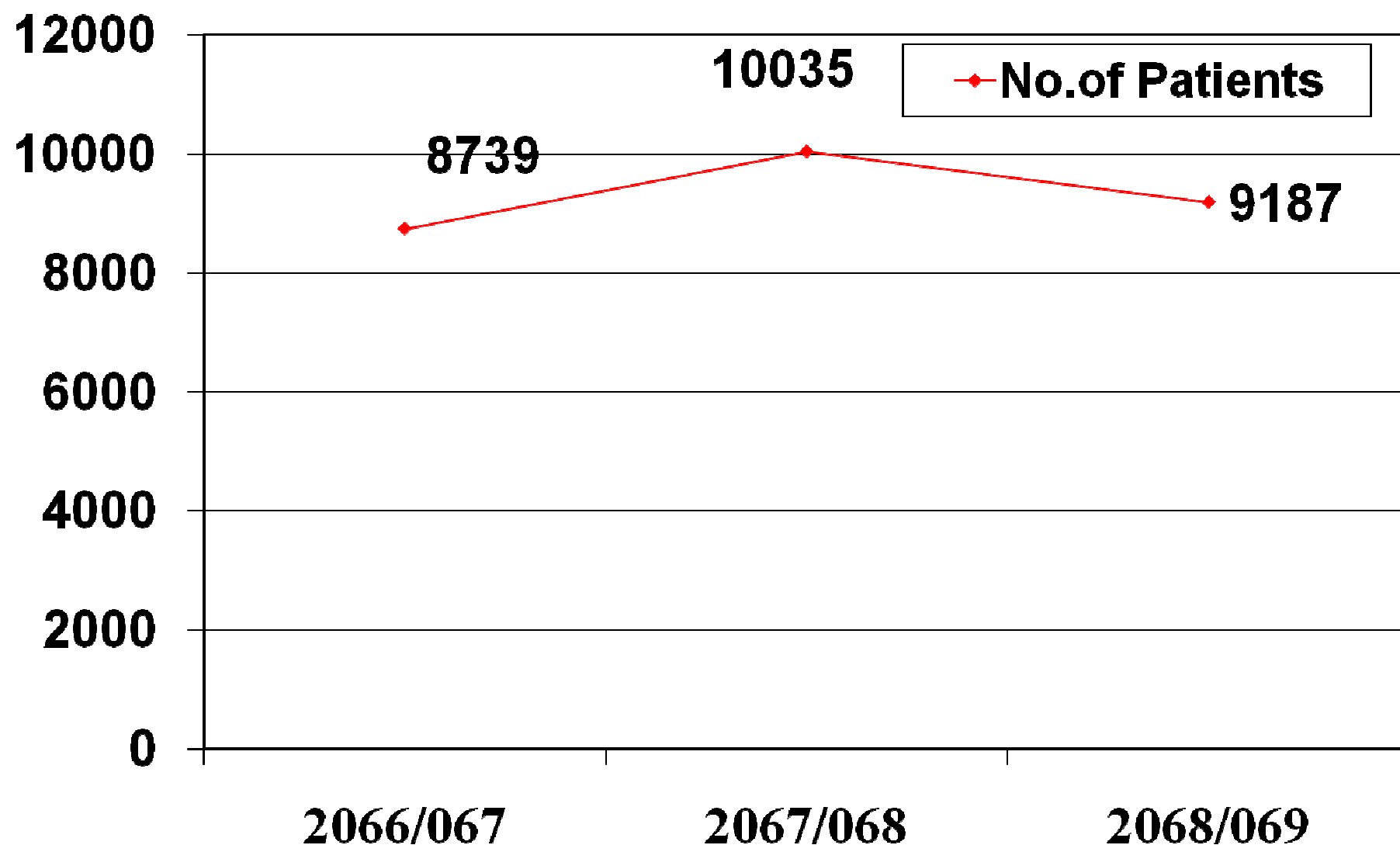
Biopsy Test Services



Radiology Department

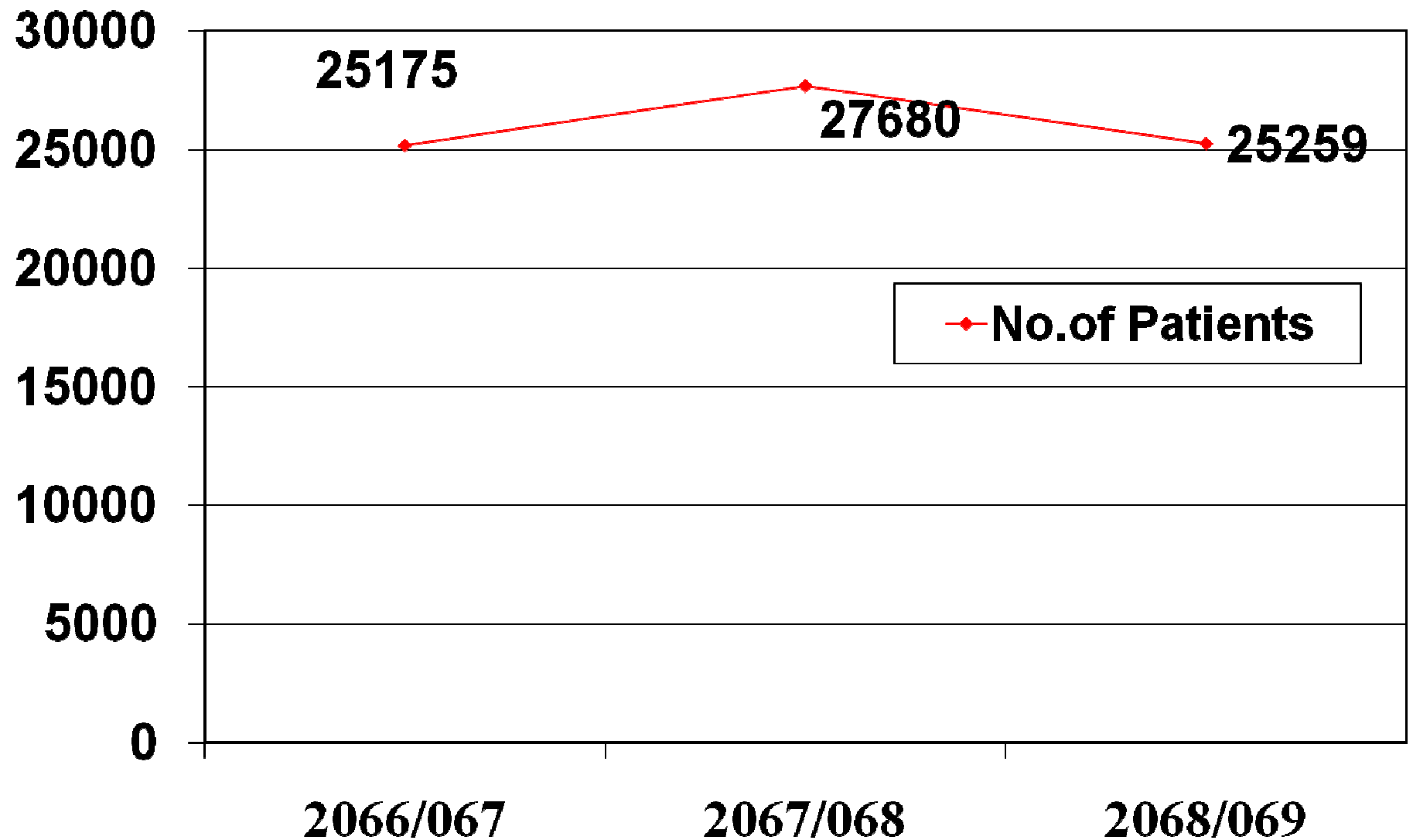
1. Ultrasound Unit

Total Ultrasound Services

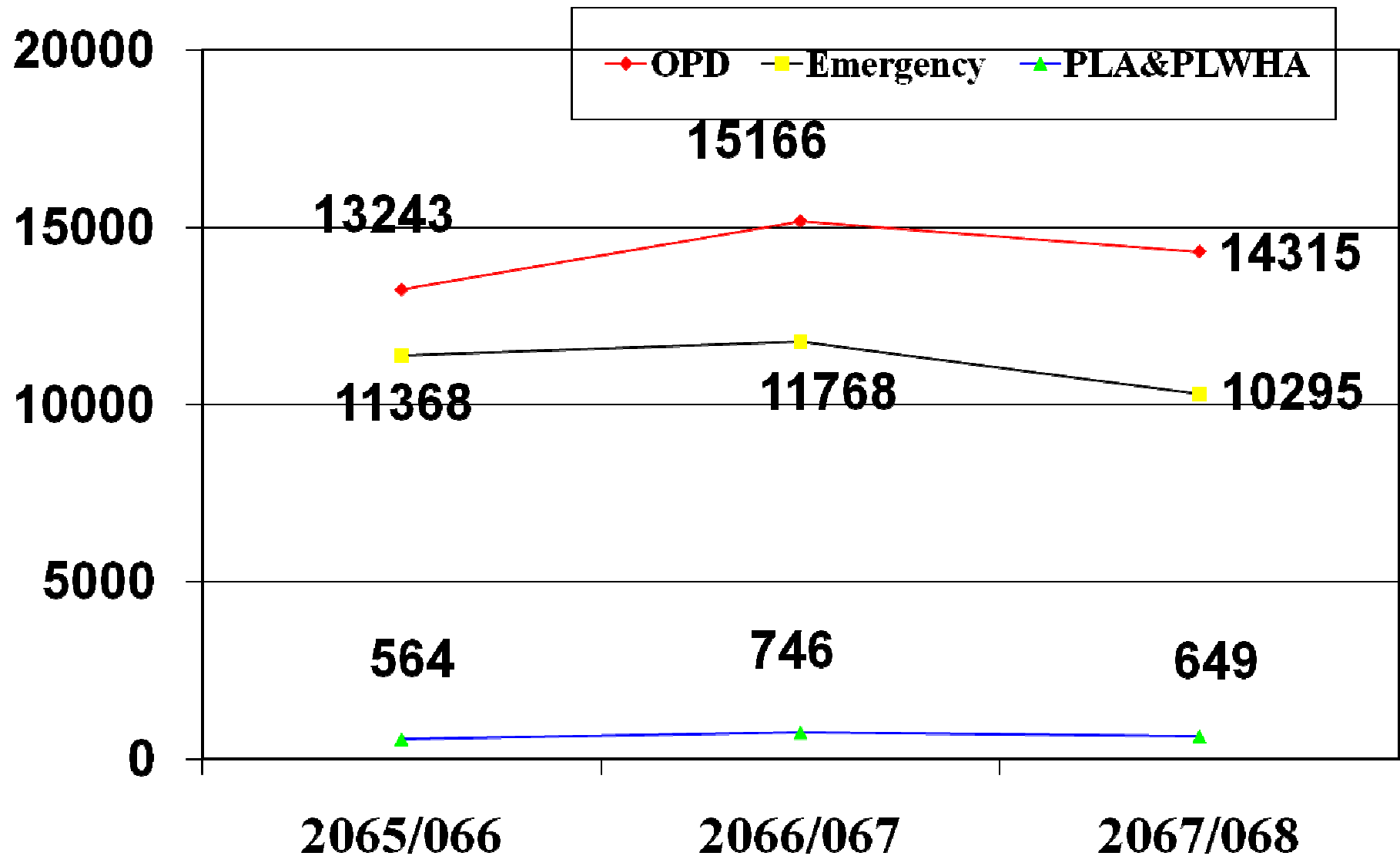


2 X-ray Unit

Total No. of X-ray



Different Types of X-ray



% of X-ray among OPD Patients

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%
4	2068/069	1,01,771	14,315	14.1%
Grand Total		4,49,643	57,890	12.9 %

% of X-ray among Emergency Patients

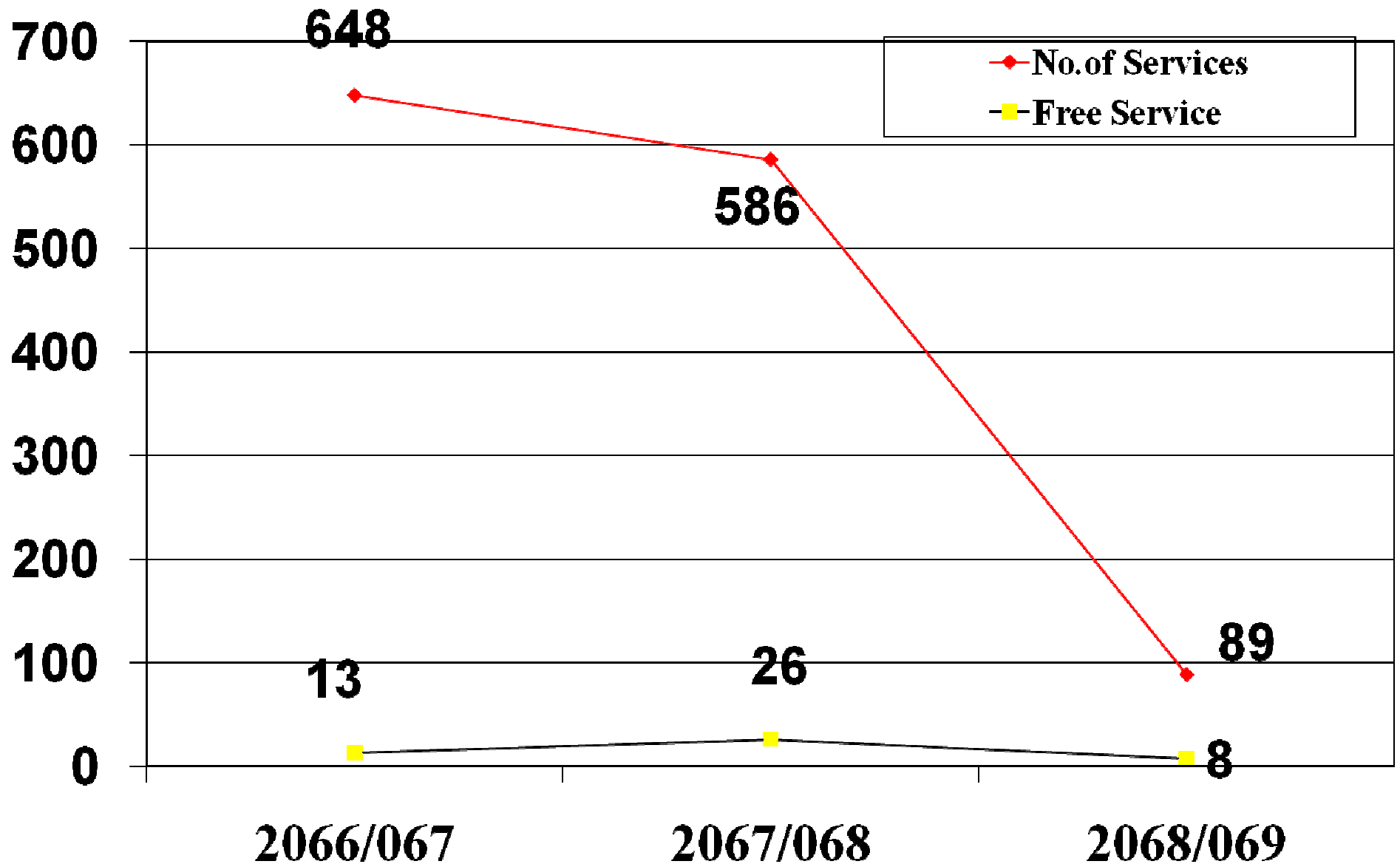
S. No.	Financial Year	Total Emergency Cases	Total No. of Emergency Patients' X-ray	% of Emergency Patients' X-ray
1	2065/066	32,703	10,857	33.2 %
2	2066/067	26,252	11,368	43.3 %
3	2067/068	31,207	11,768	37.7 %
3	2068/069	26,742	10,295	38.5 %
Grand Total		1,16,904	44,288	37.9 %

ENT Department

Clinical Aspect Review Completed

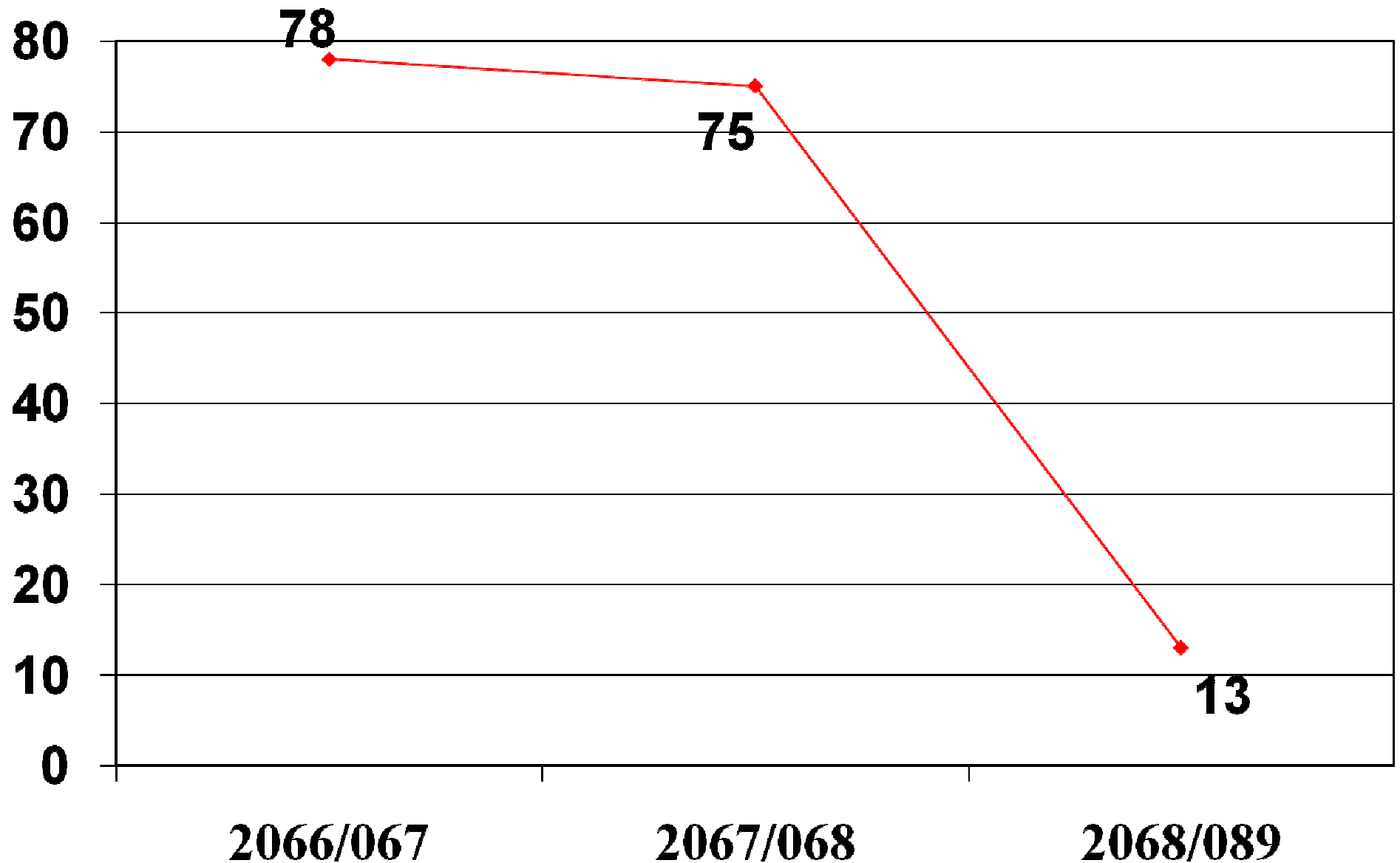
1. Adialogram Unit

Total No. of Audiogram



2 Tympanogram Unit

Total No. of Tympanogram

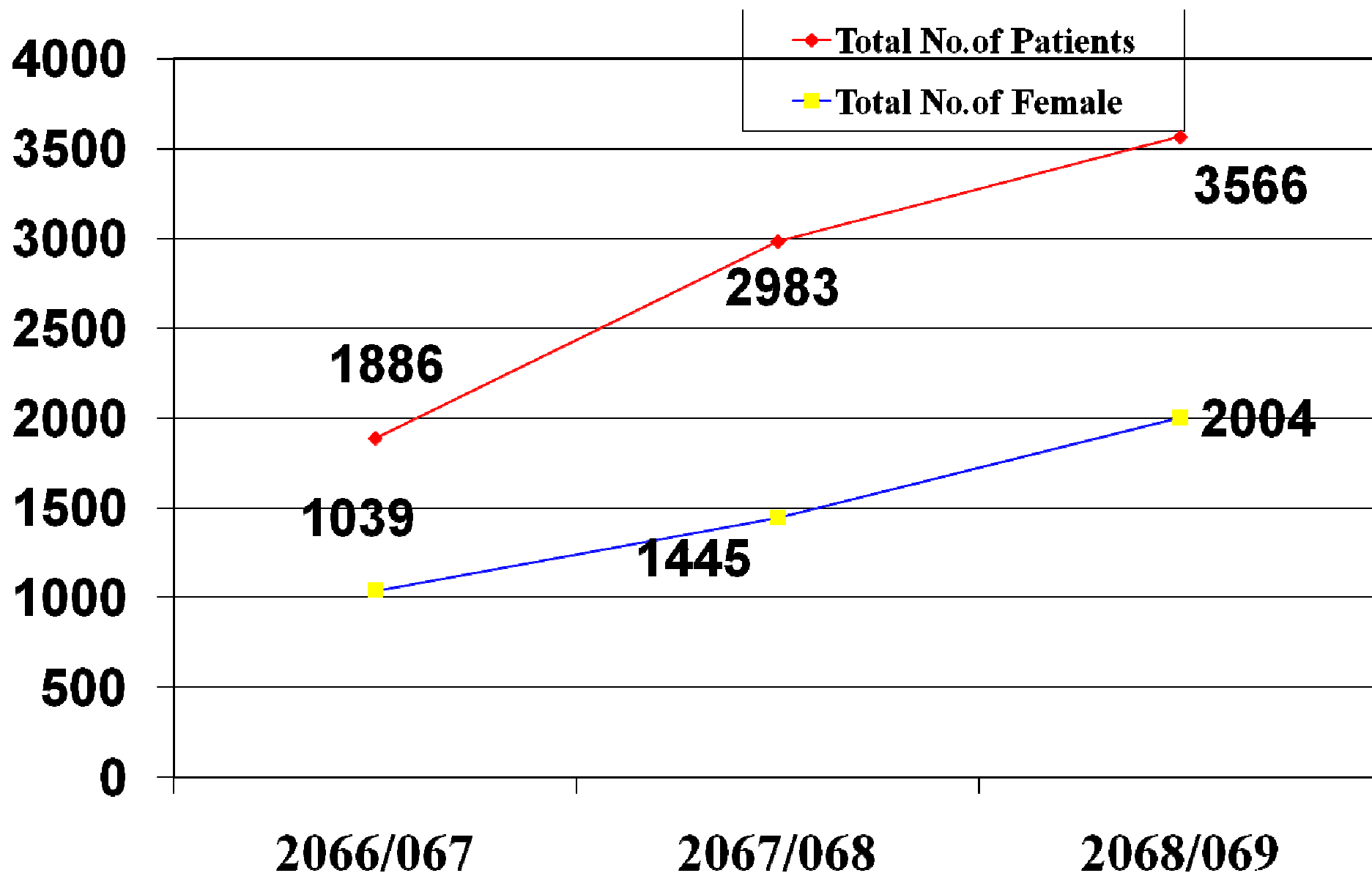


Medical Department

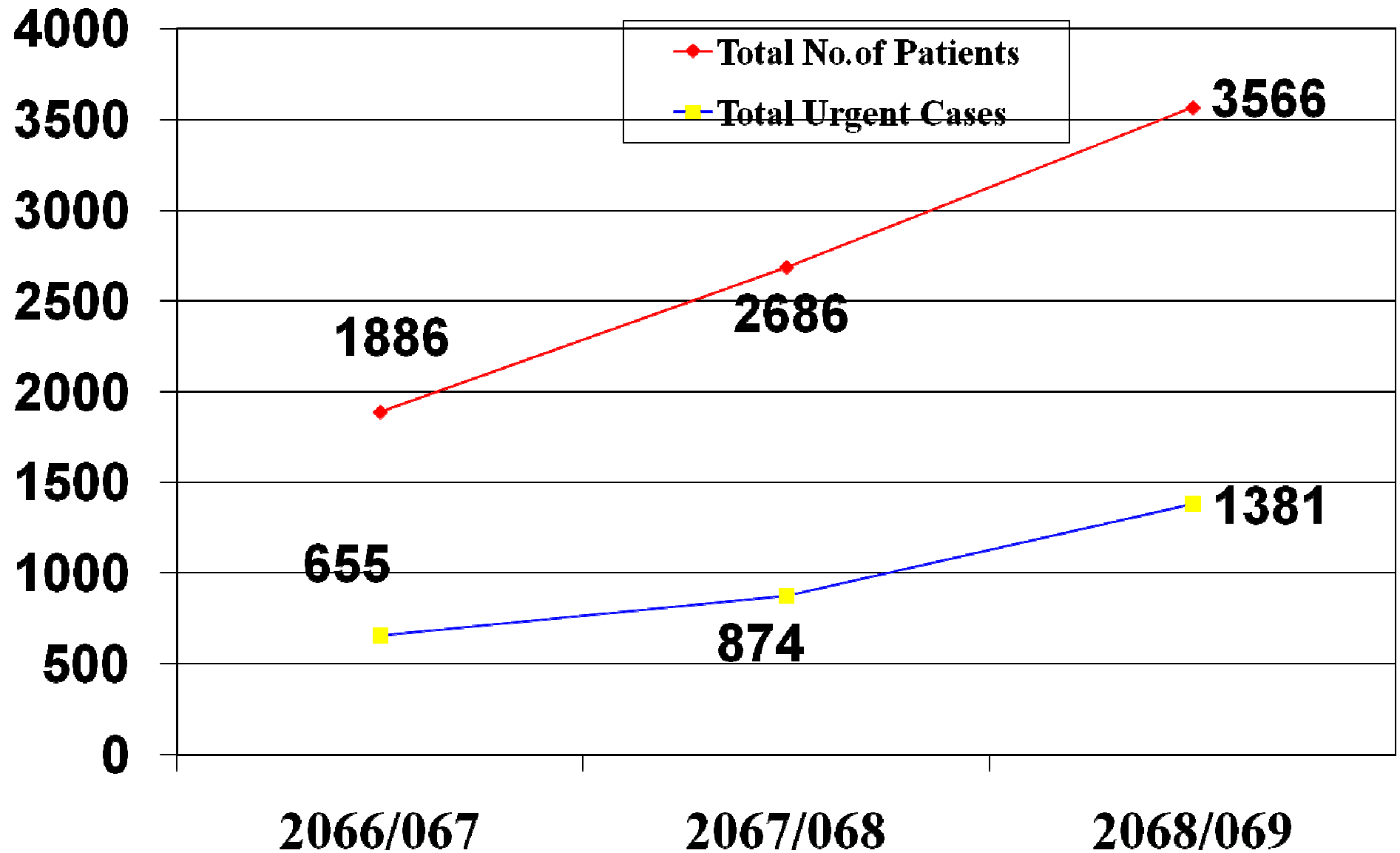
Clinical Aspect Review Completed

1. ECG Unit

Total No. of ECG Services

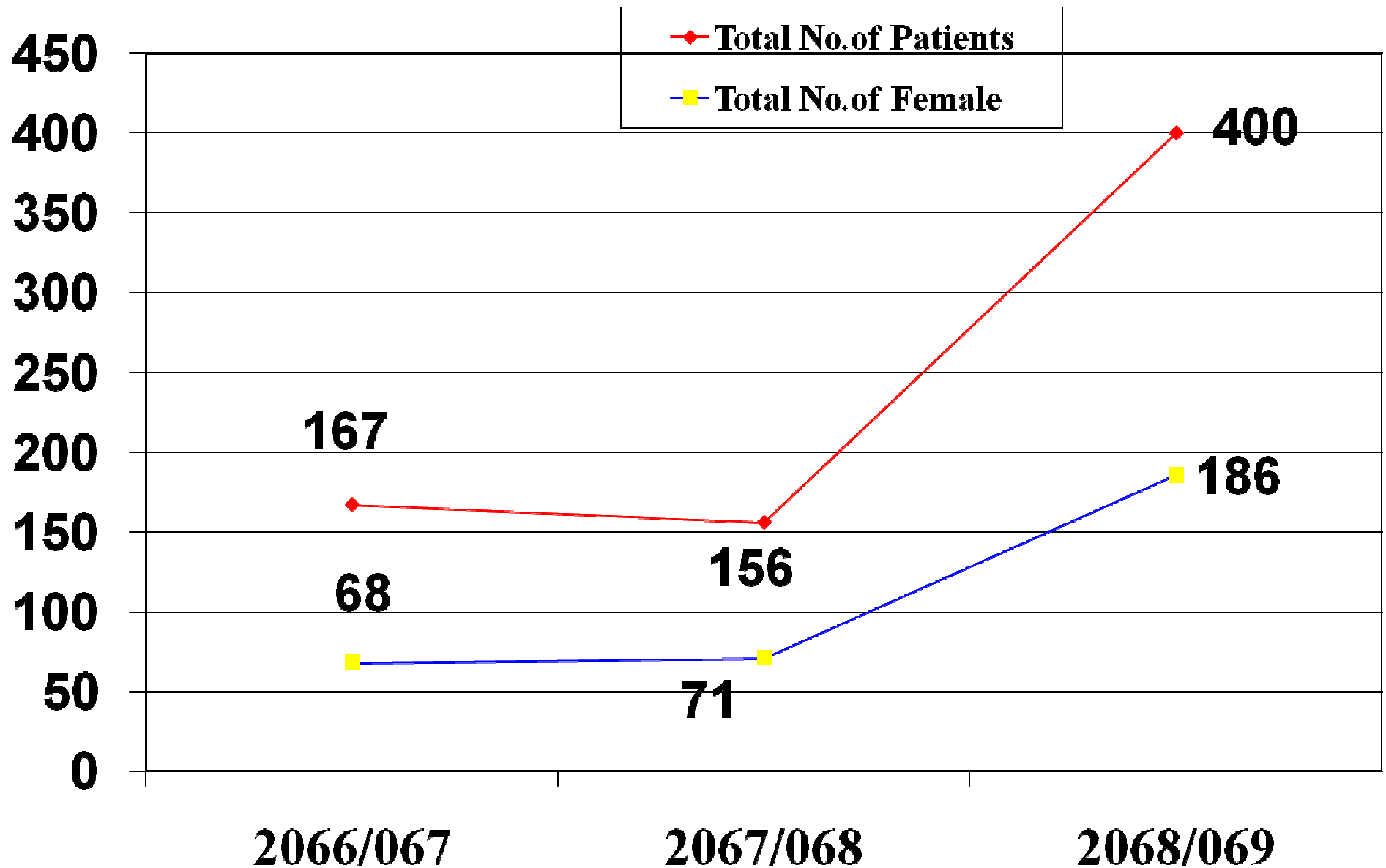


Types of ECG Services

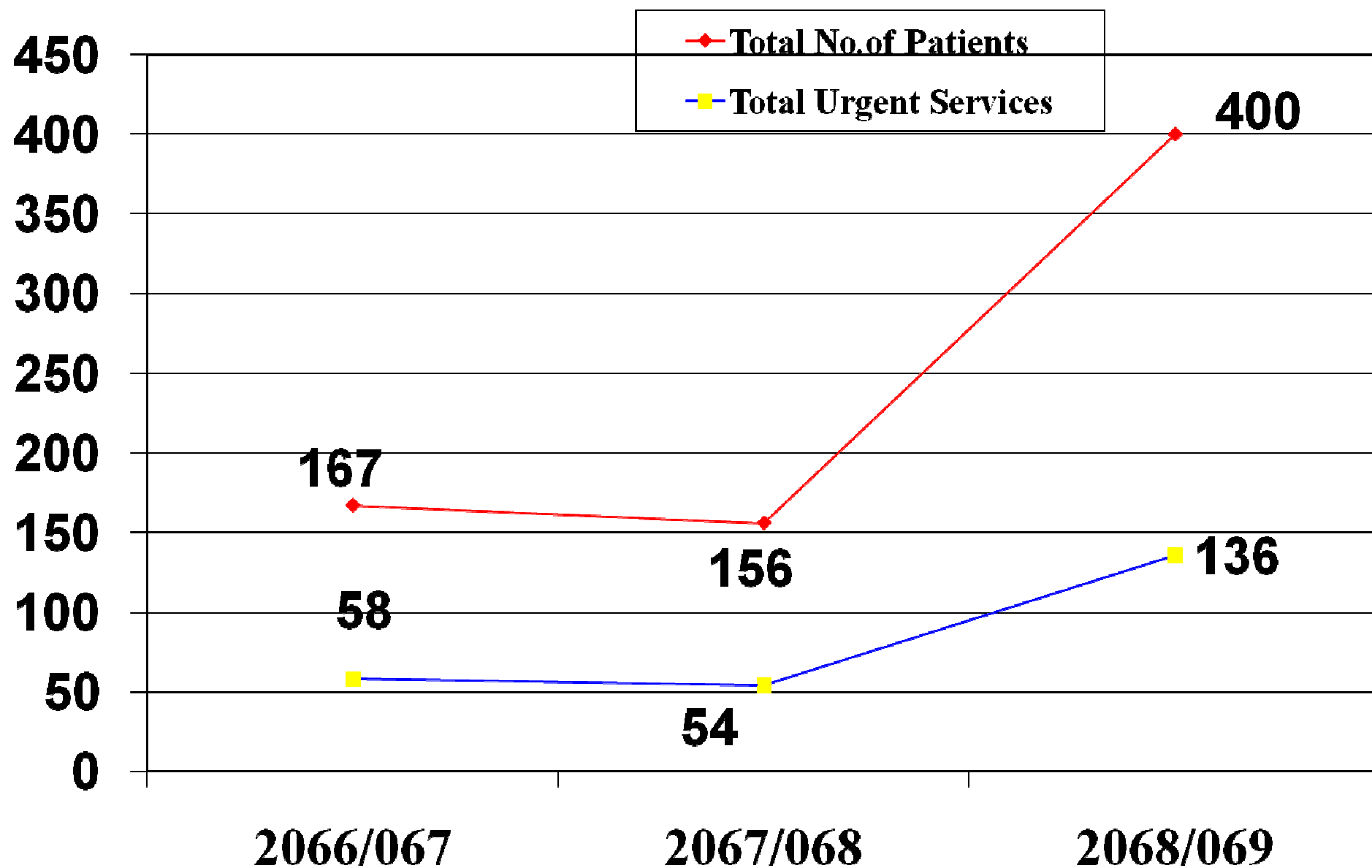


2 Endoscopy Unit

Total No. of Endoscope Services



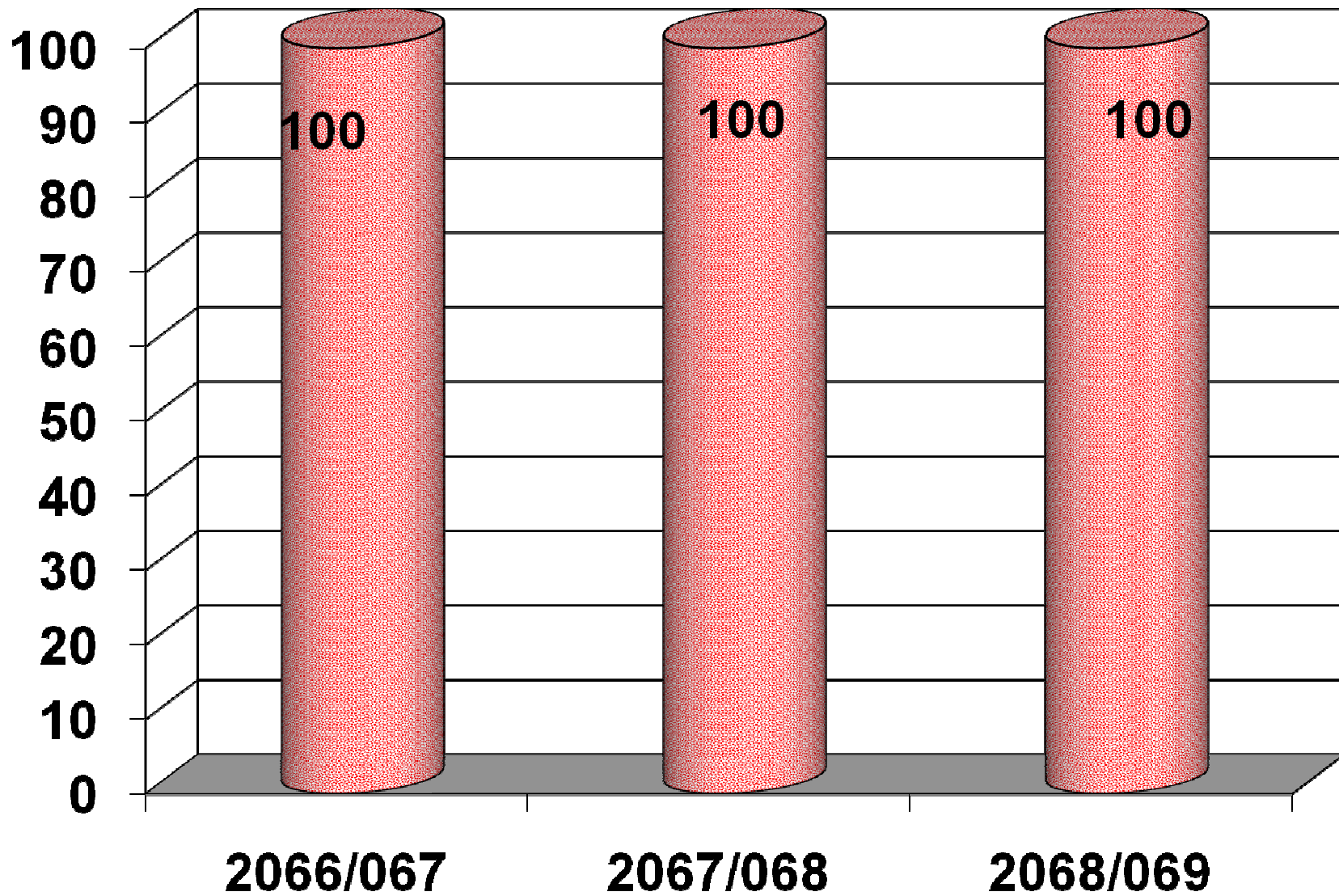
Total No. of Endoscopy Services



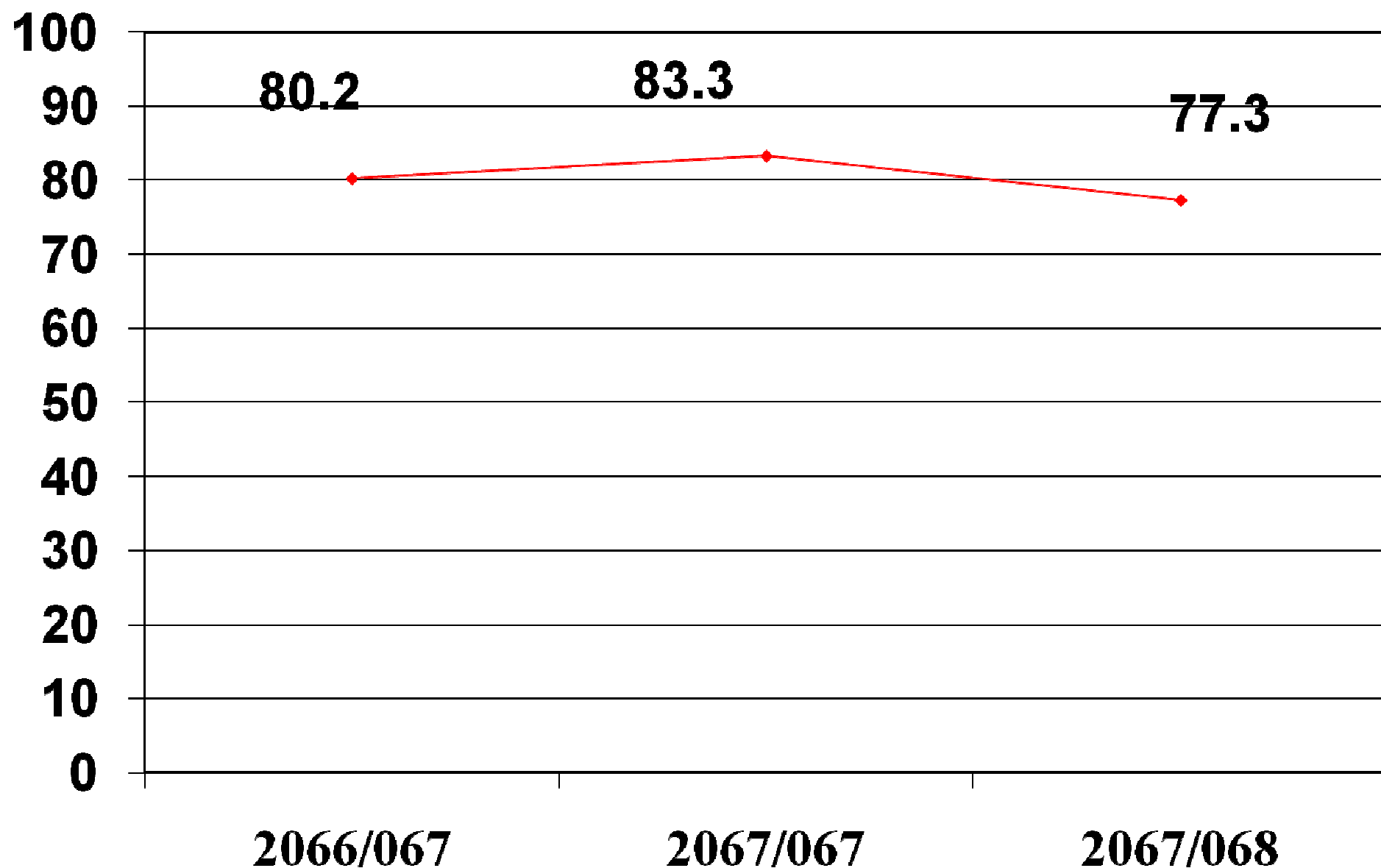
Preventive & Promotive Services

1 Immunization Programme

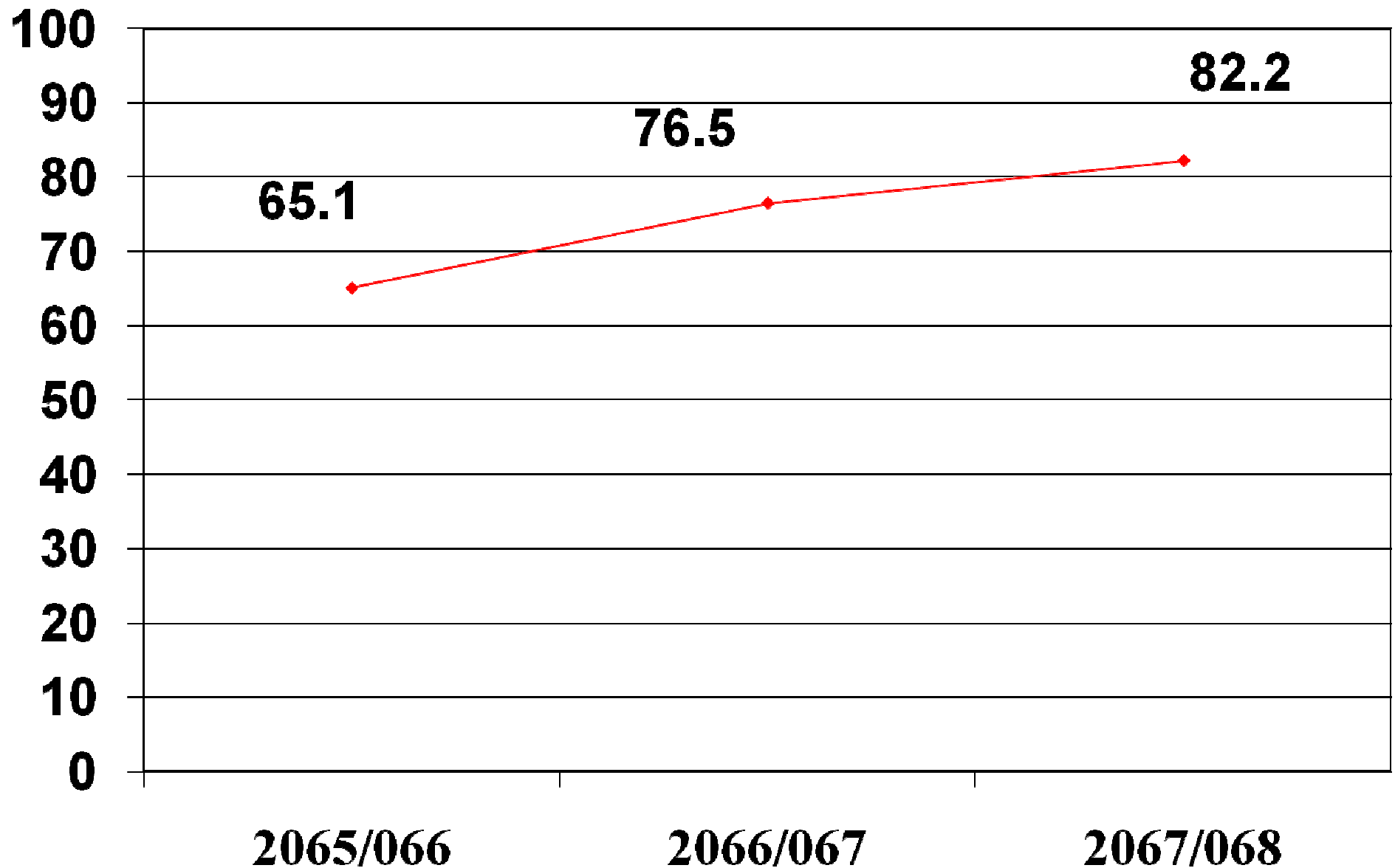
BCG Coverage Rate of Butwal MP (in %)



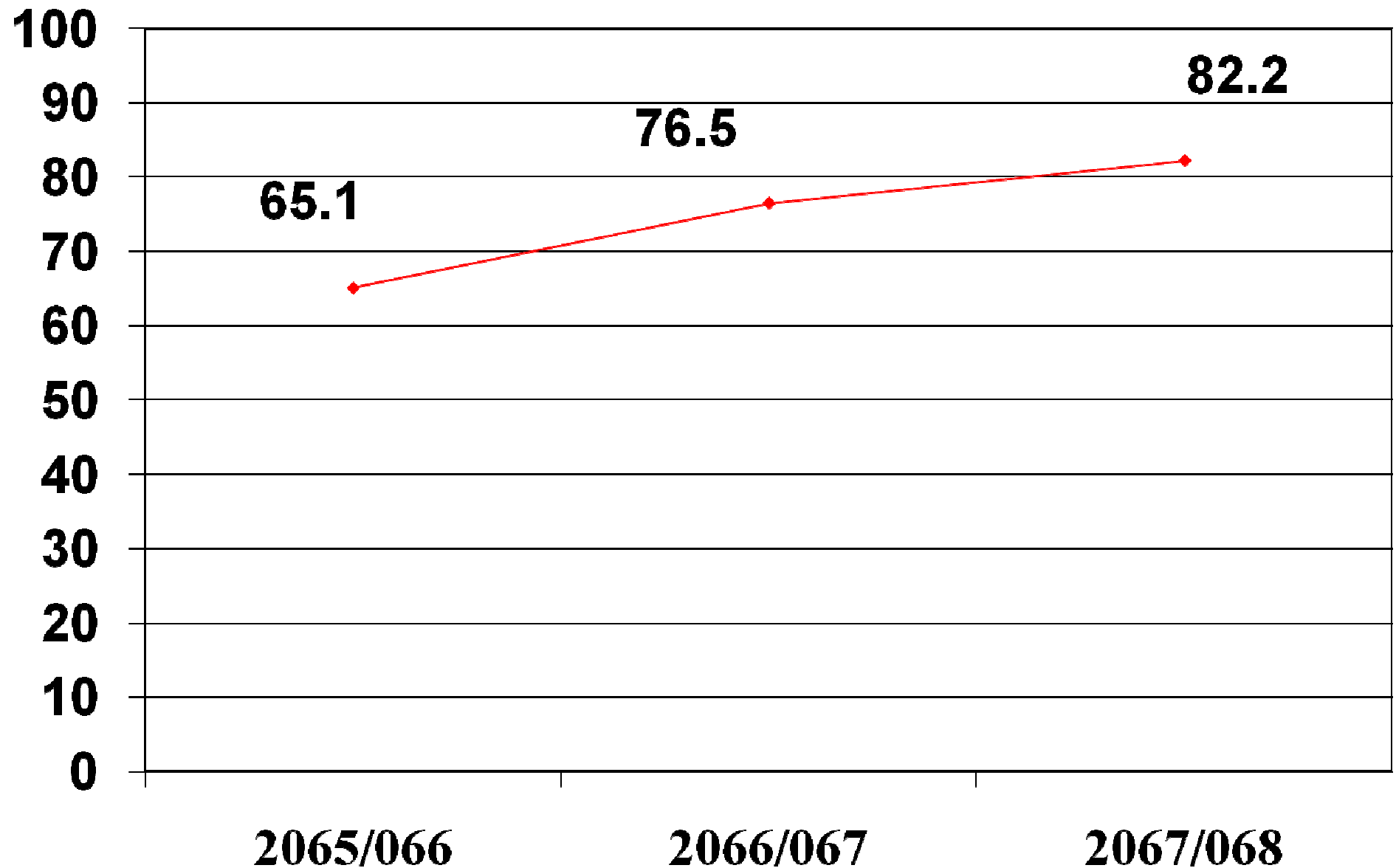
Coverage of DPT-Hep B 3 of Butwal MP (in %)



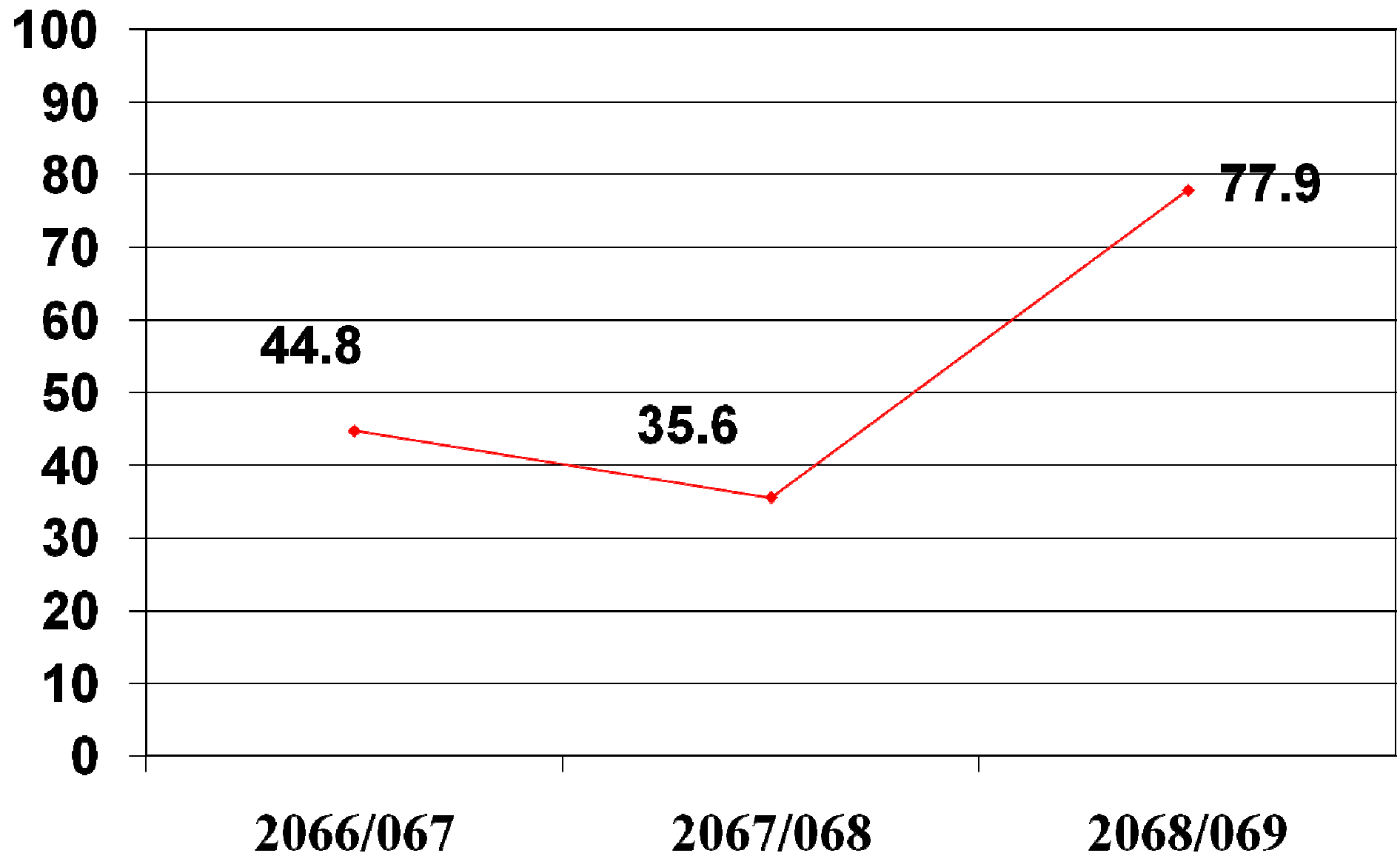
Coverage of Measless of Butwal MP (in %)



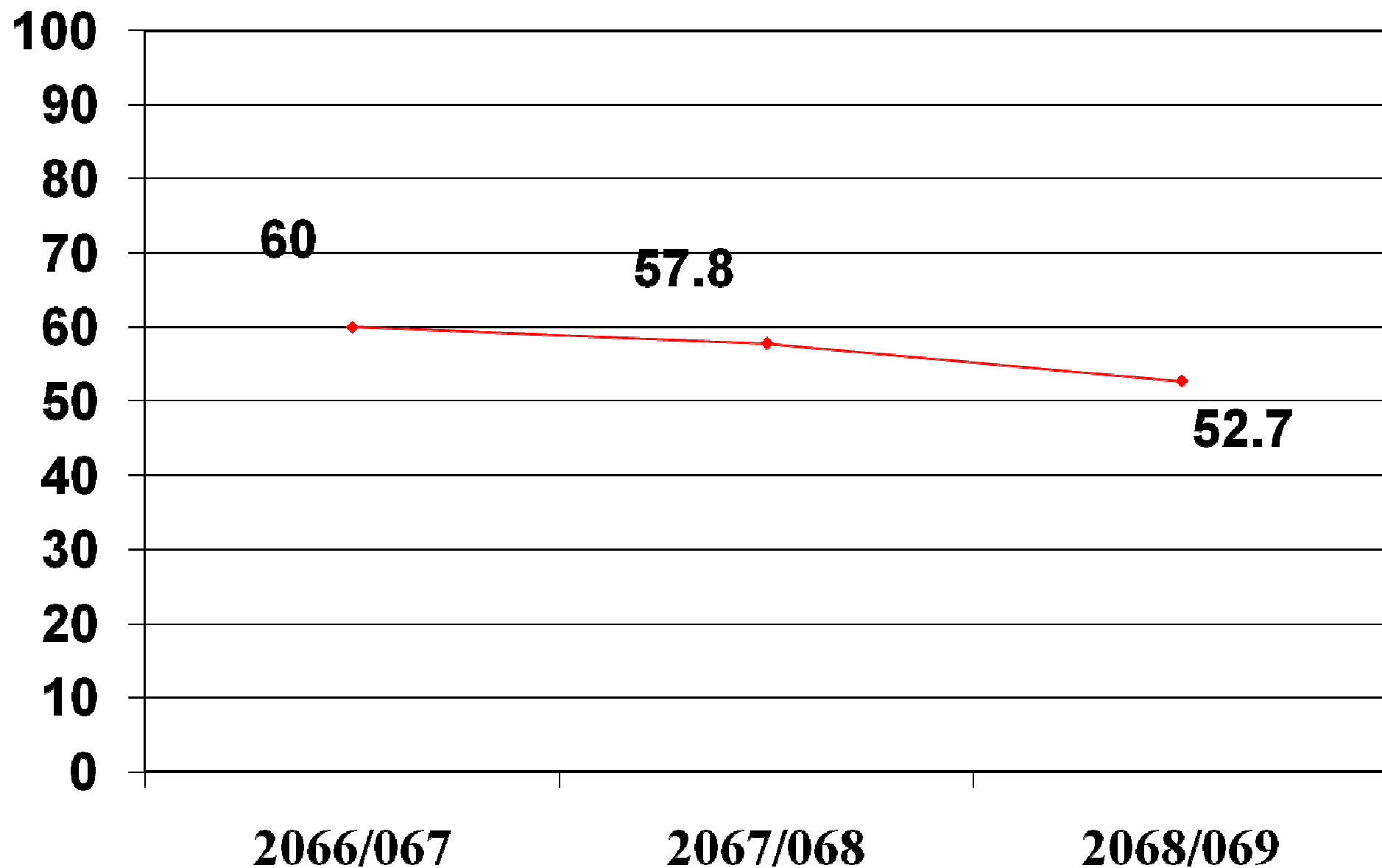
Coverage of Complete Vaccine of Butwal MP (in %)



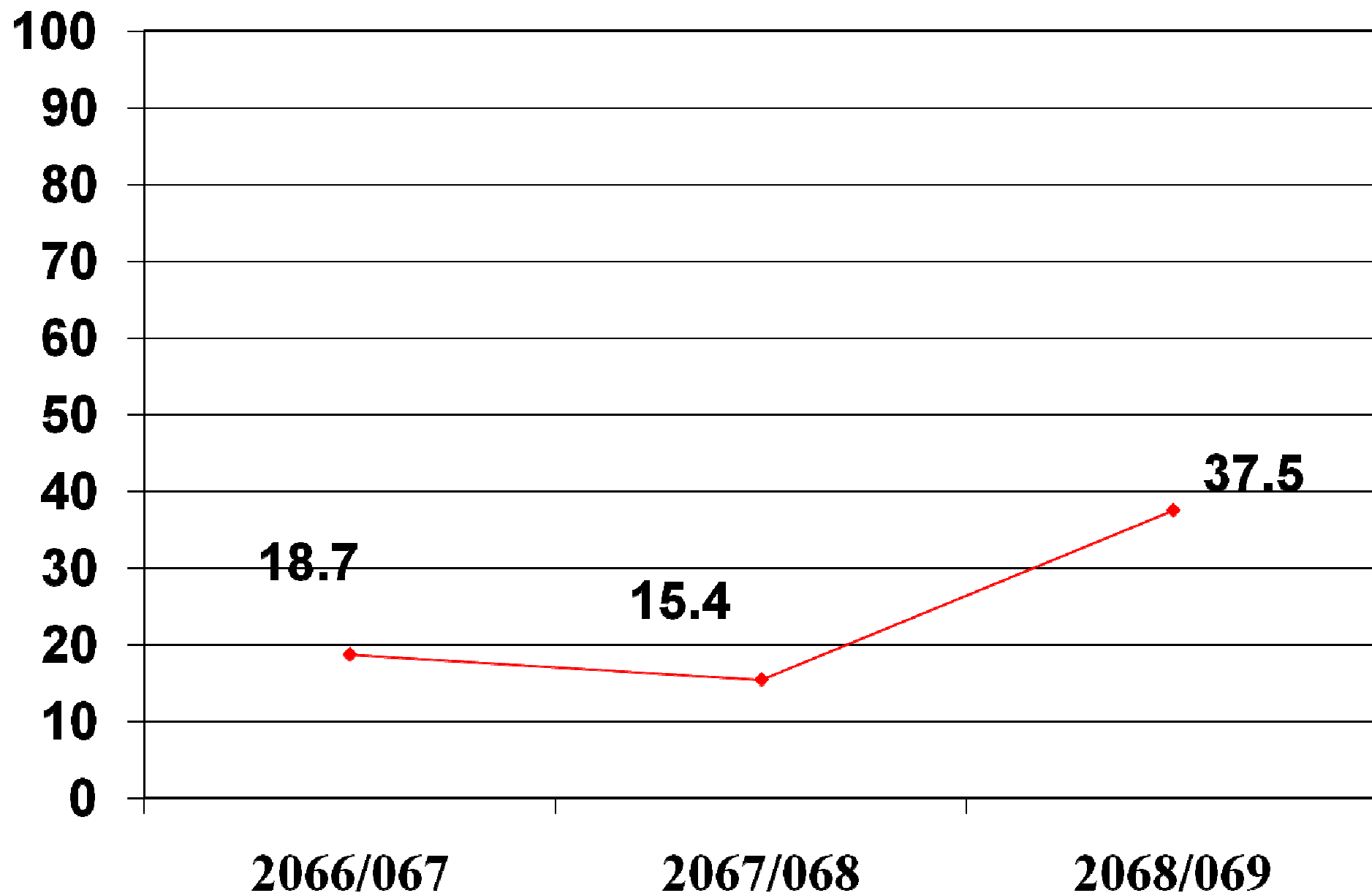
Coverage of Japanese Encephalitis of Butwal MP (in %)



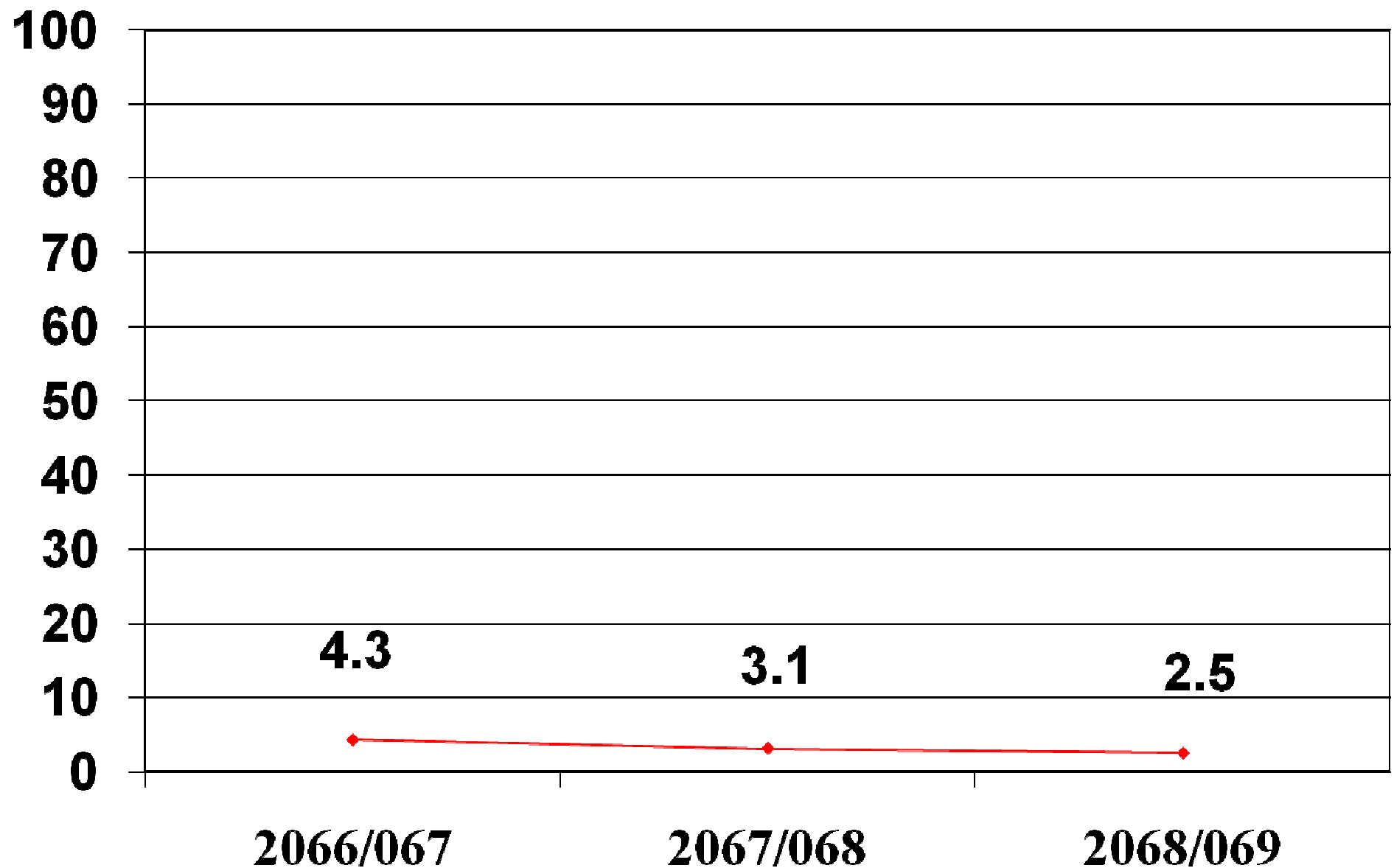
Dropout Rate BCG VS Measles of Butwal MP (in %)



Coverage of TT2 & TT2+ of Rupandehi District (in %)

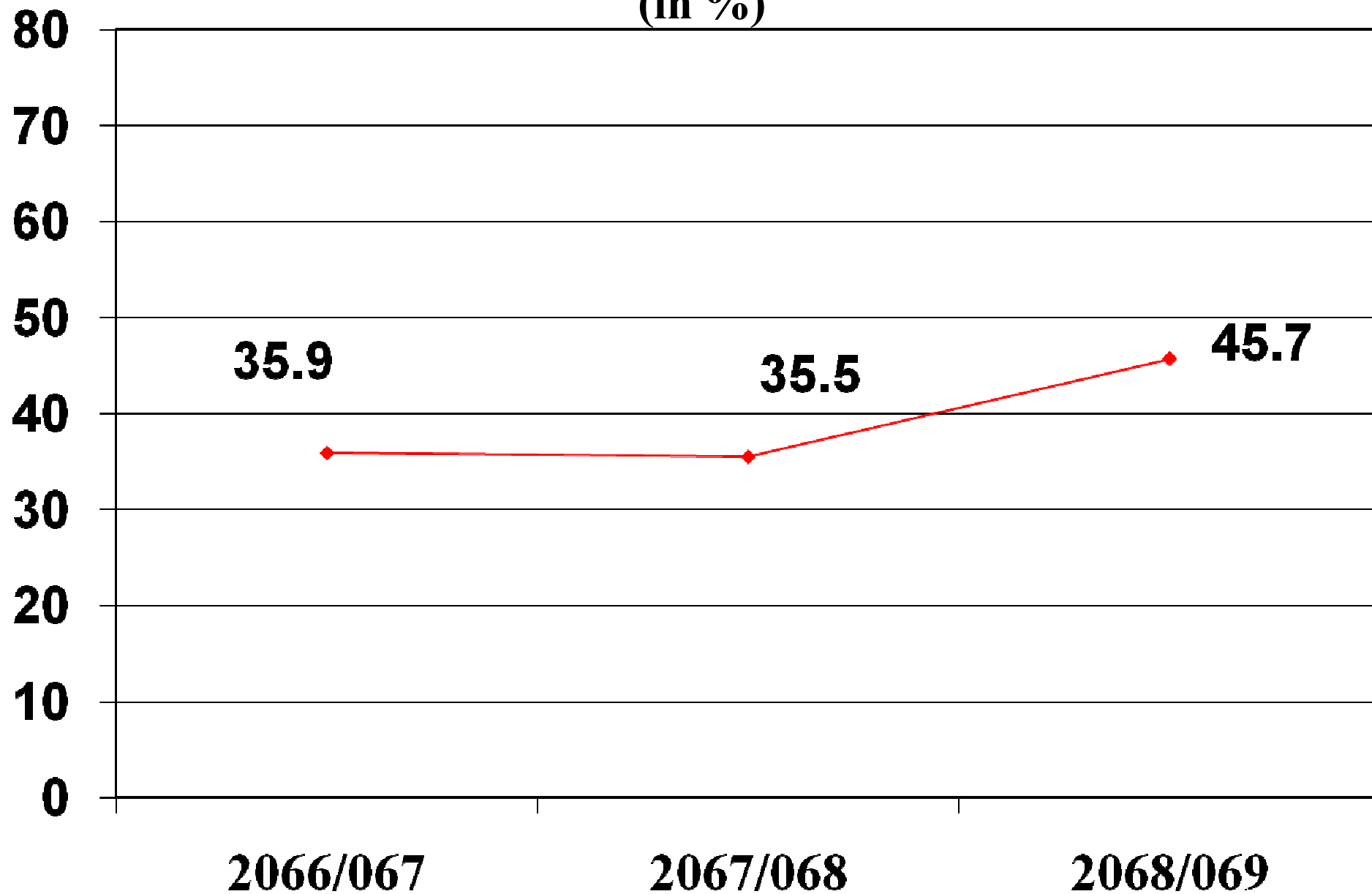


Dropout Rate DPT-Hep B I VS III of Butwal MP (in %)

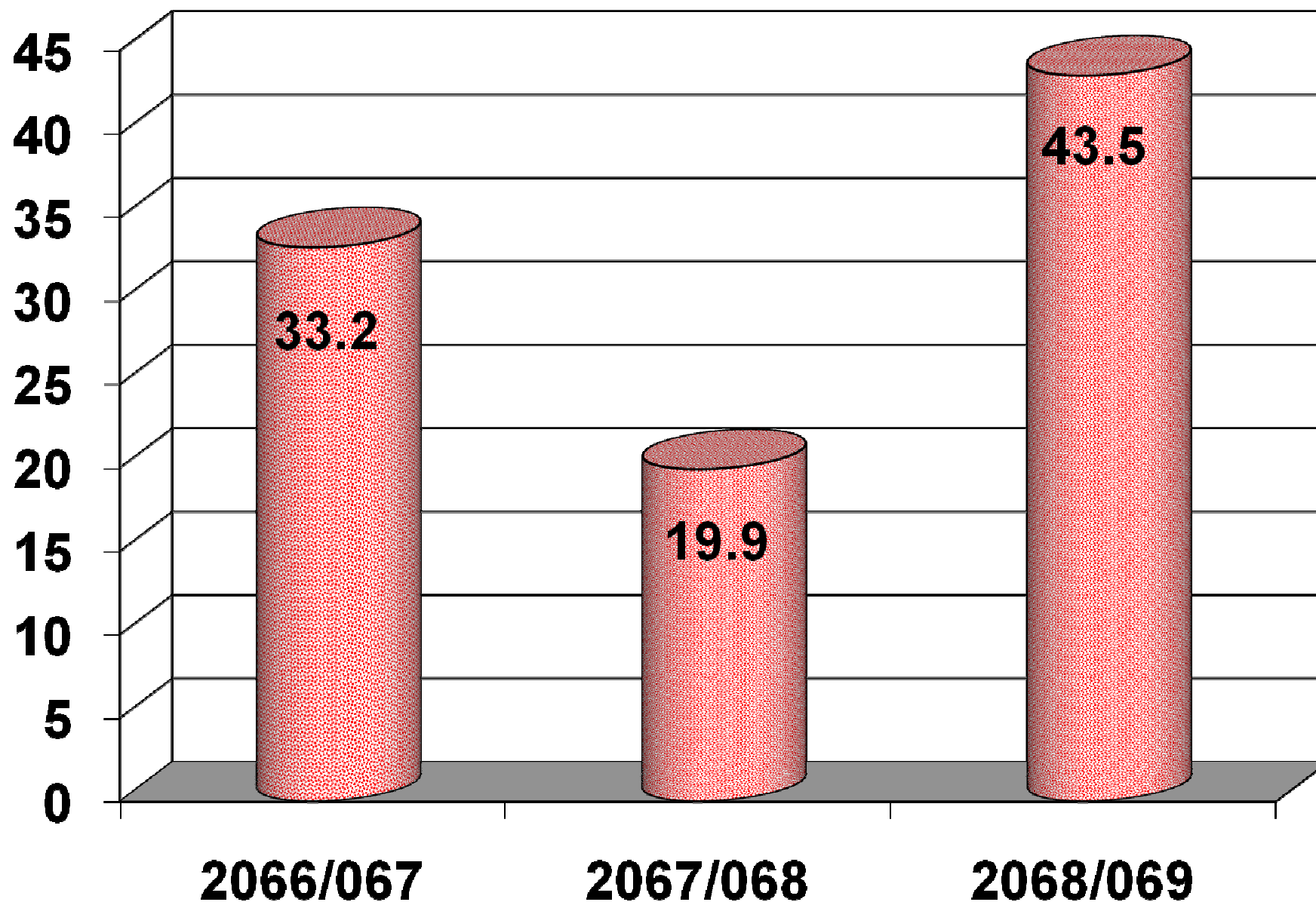


2 Nutrition Programme

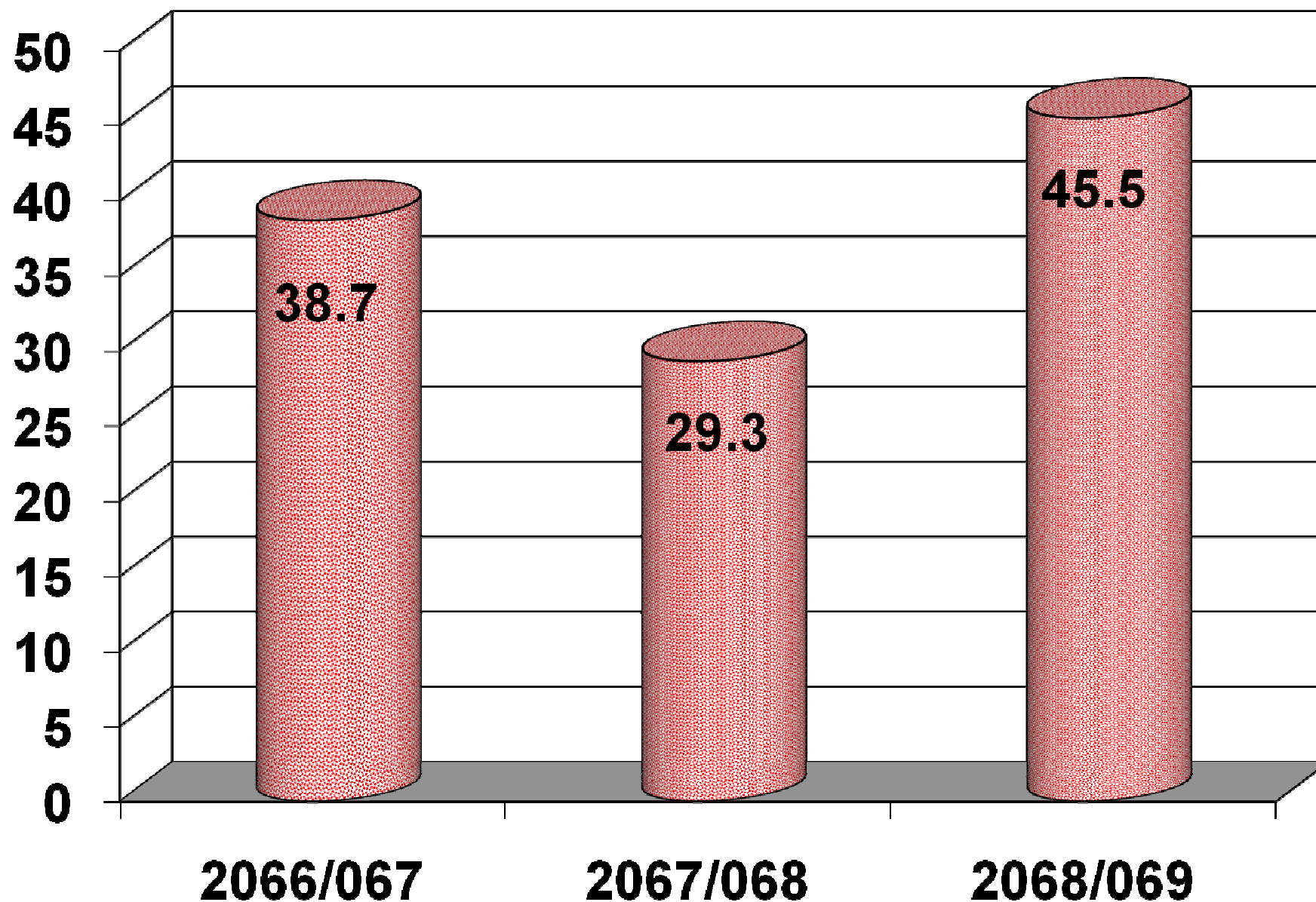
**% of New Growth Monitoring (Under 5yrs) of Rupandehi District
(in %)**



% of Expected Pregnant Mothers receiving Iron Tablets of Rupandehi District

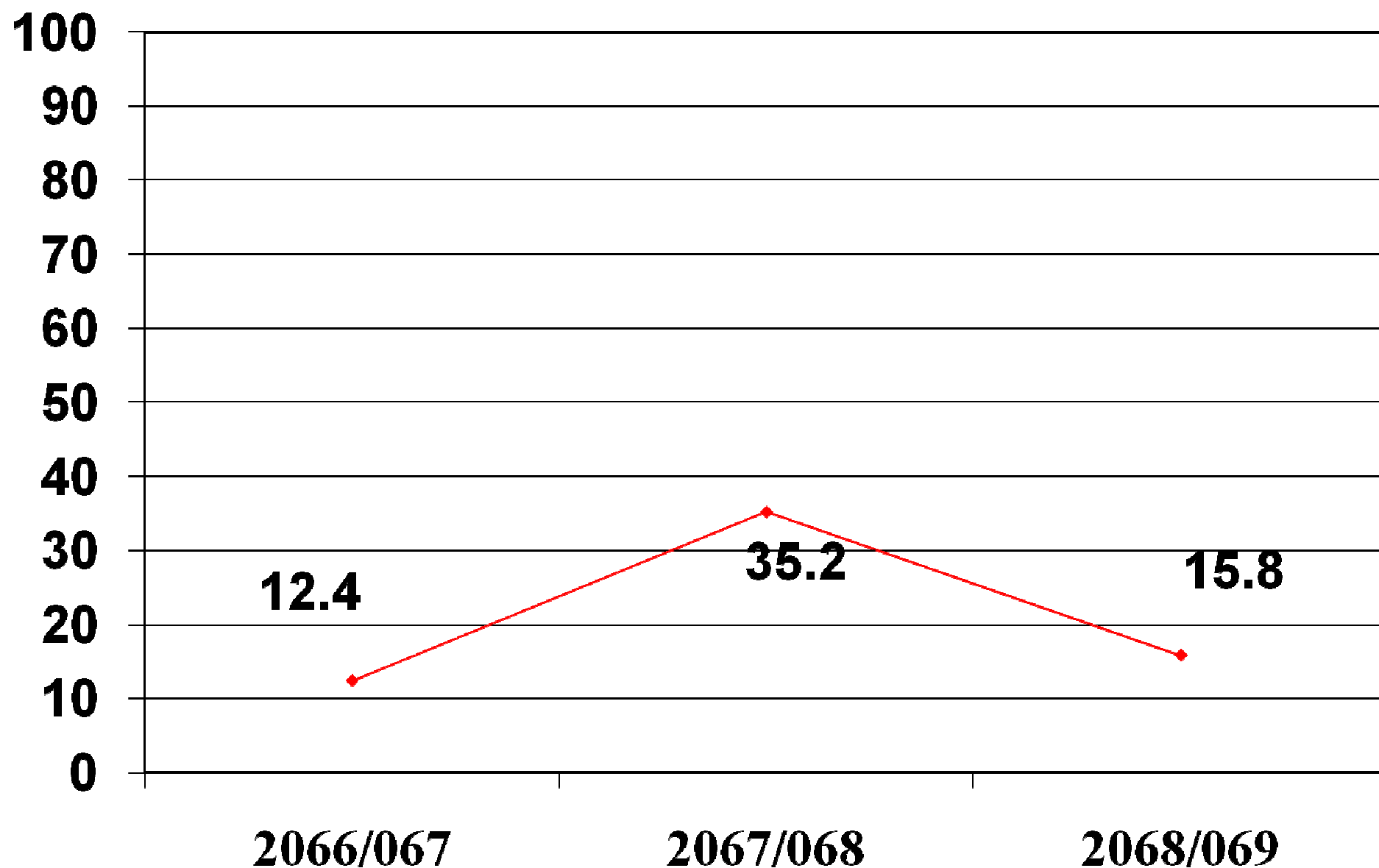


% of Expected Pregnant Mothers receiving Vitamin of Rupandehi District

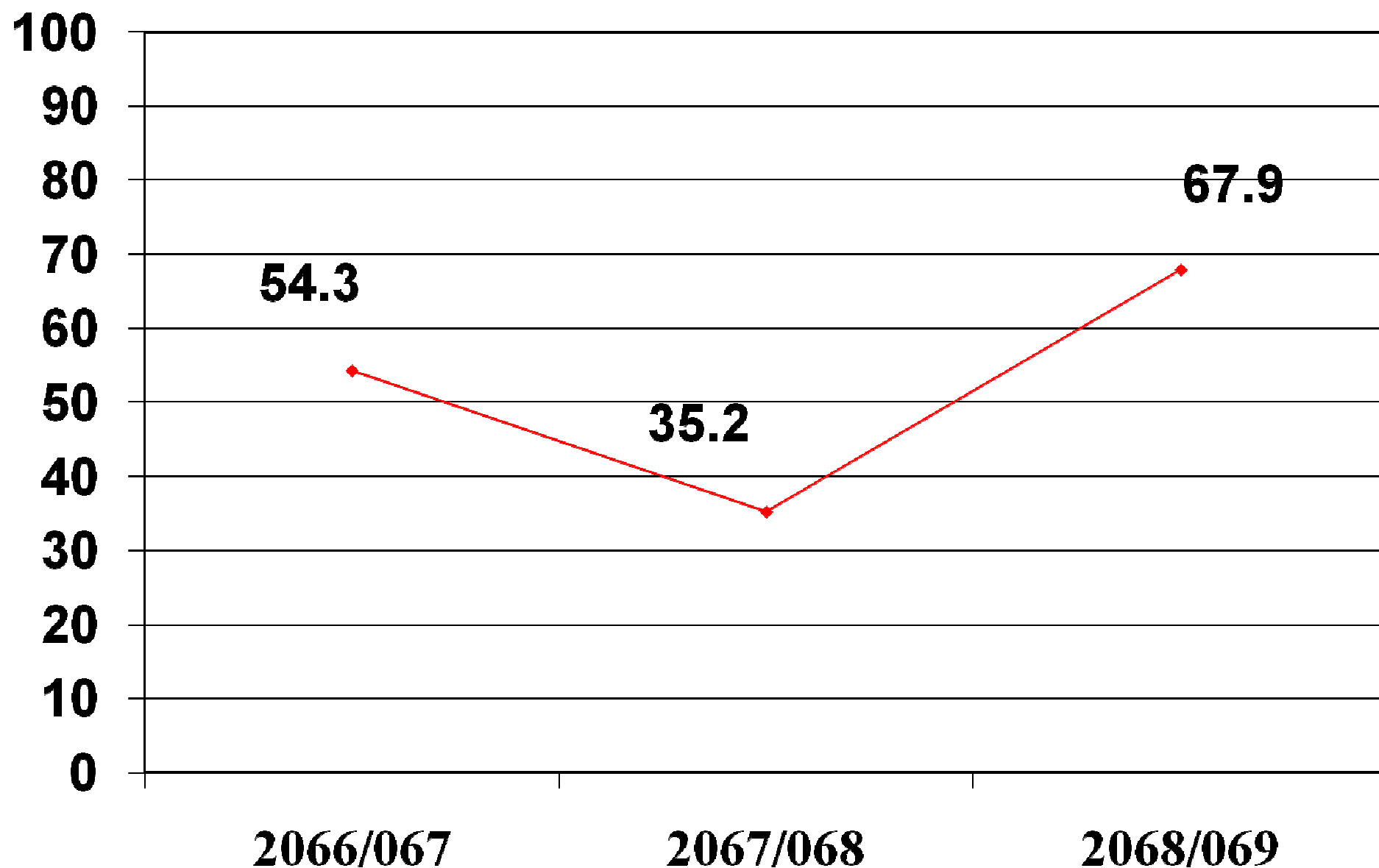


1 Safe Motherhood Programme

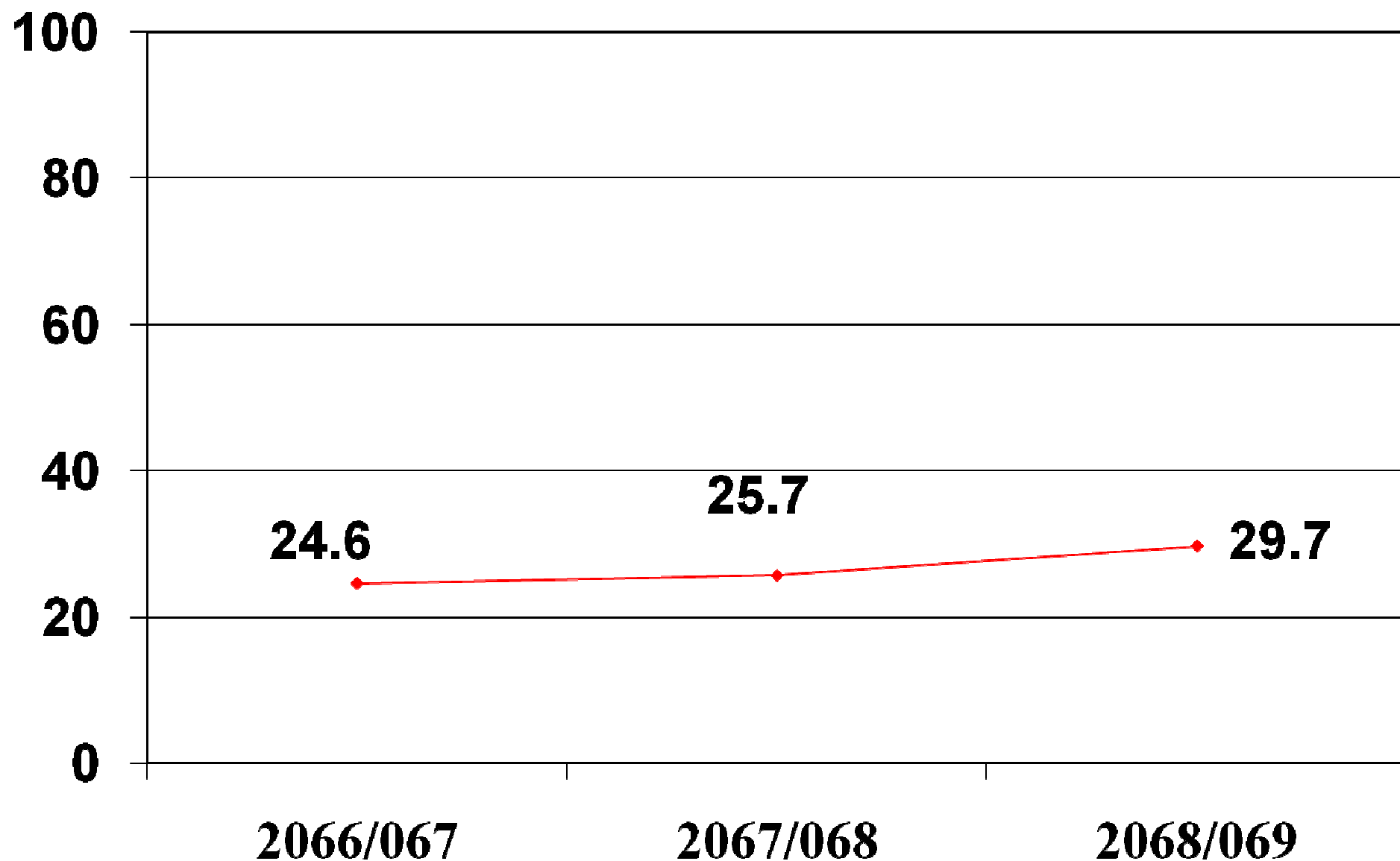
1st ANC Visit as % of Expected Pregnancy of Rupendehi District (in %)



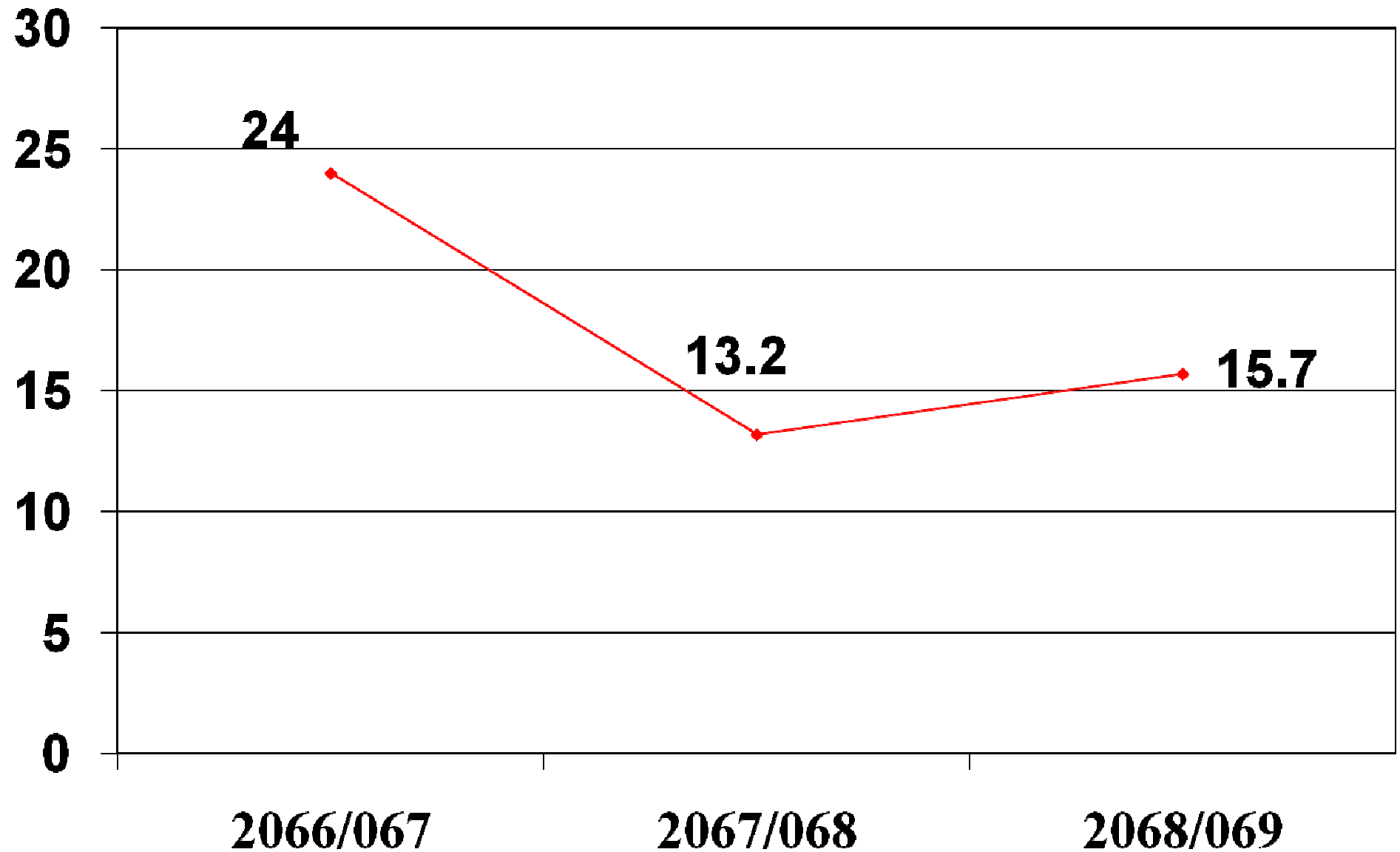
4st ANC Visit among 1st ANC Visit as % of Expected Pregnancy of Rupandehi District (in %)



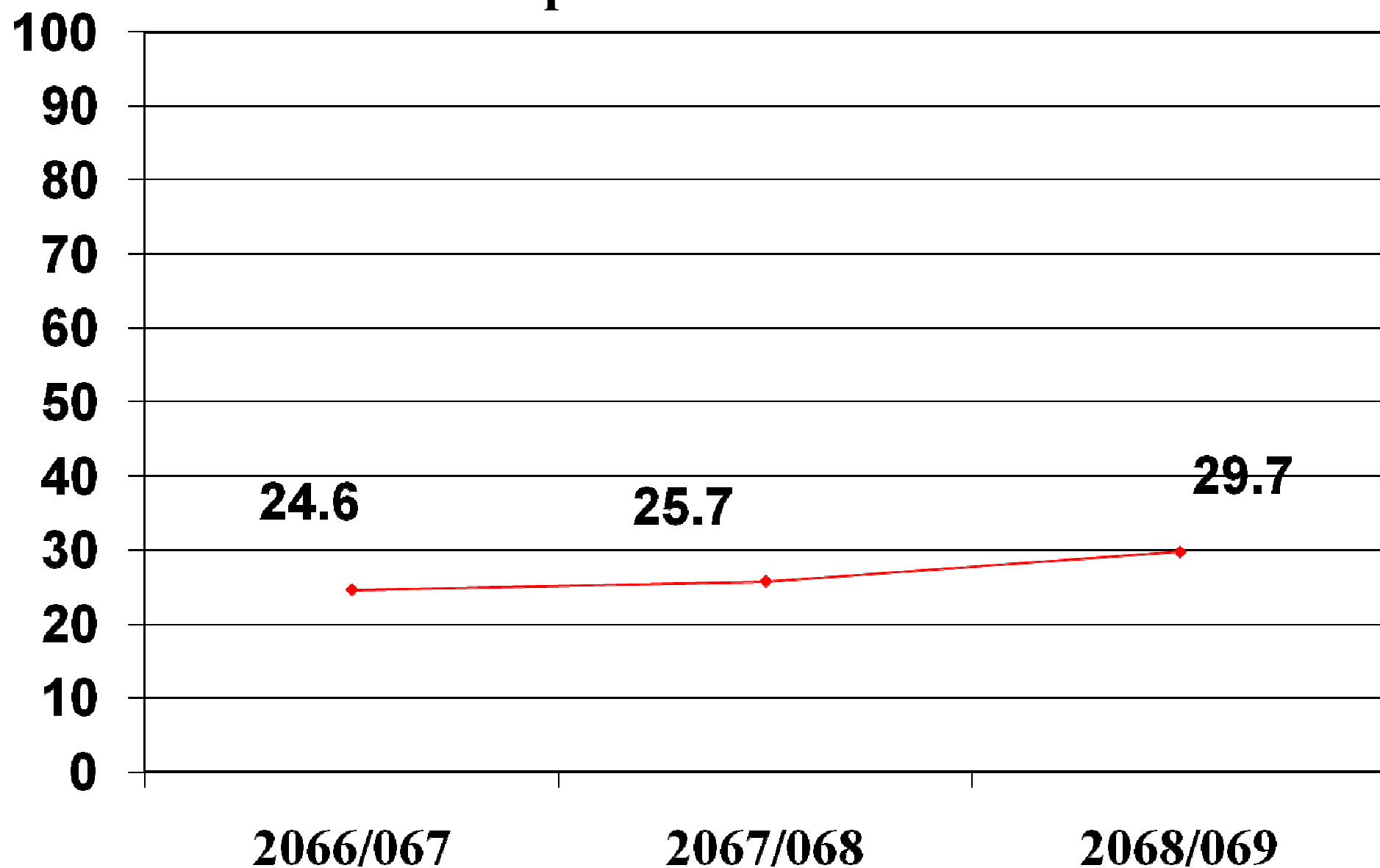
Delivery Conducted by SBA and Doctors as % Expected Pregnancy of Rupandehi District



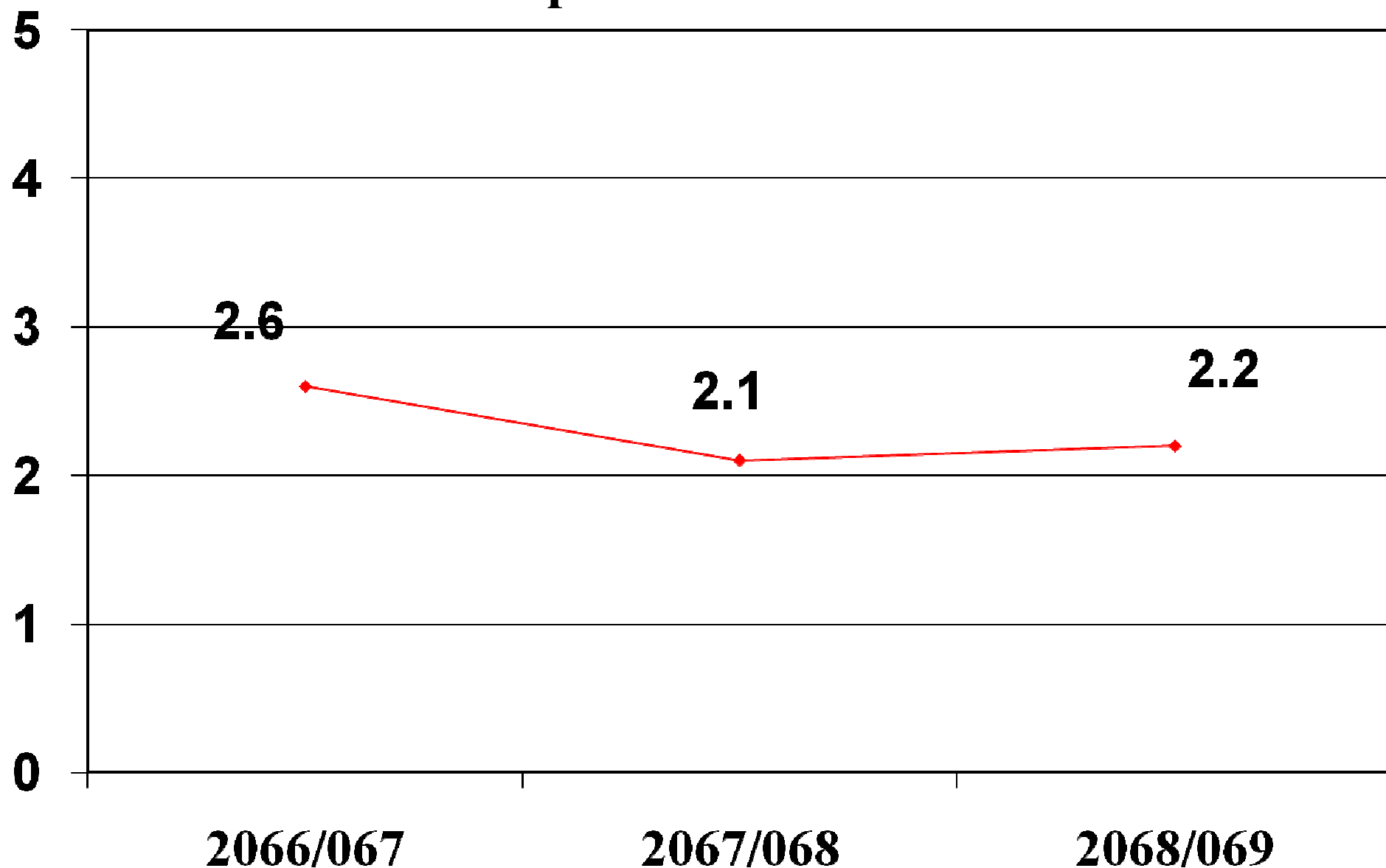
% of LSCS among Total Delivery



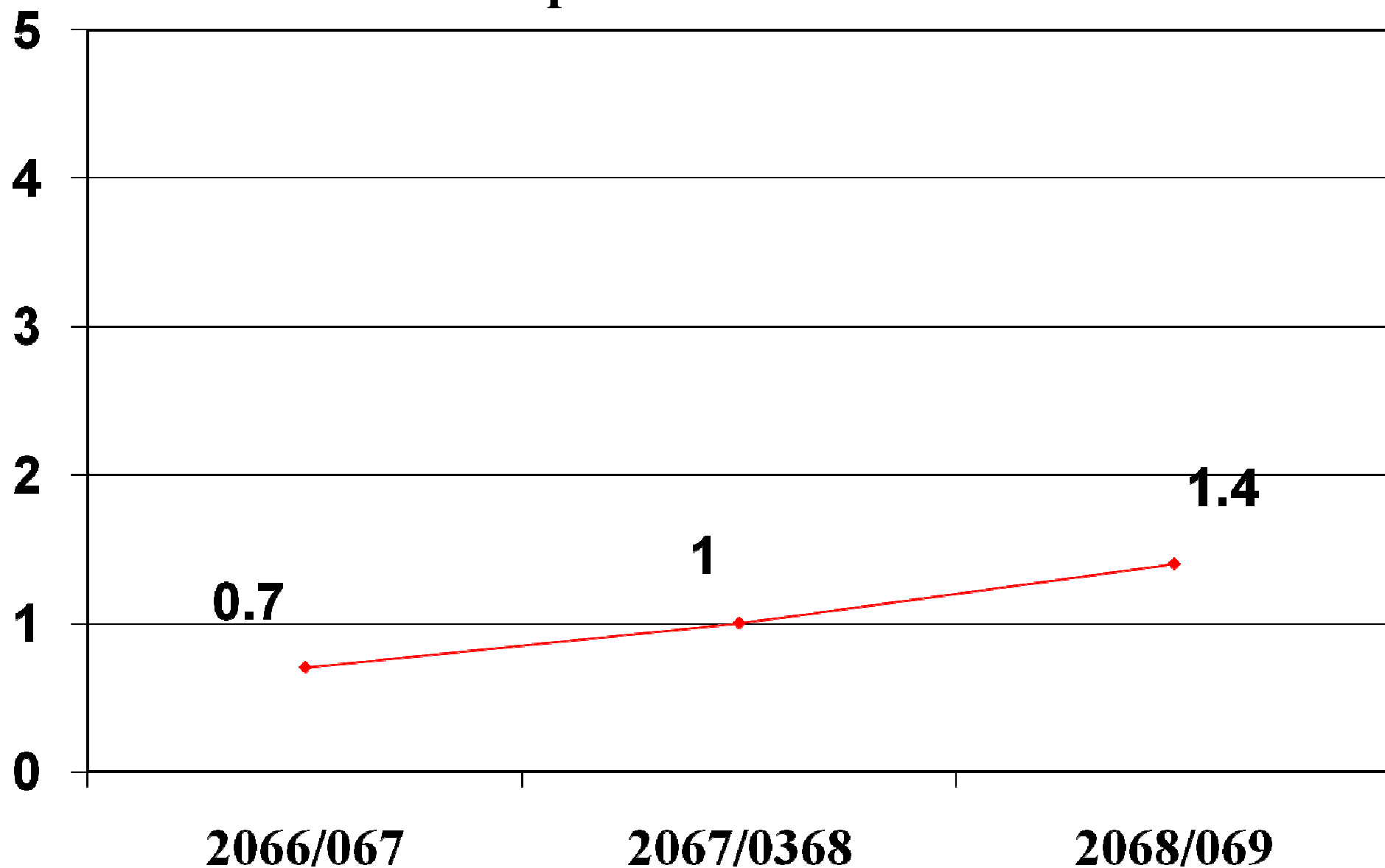
PNC 1 st Visit as % of Expected Pregnancy of Rupandehi District



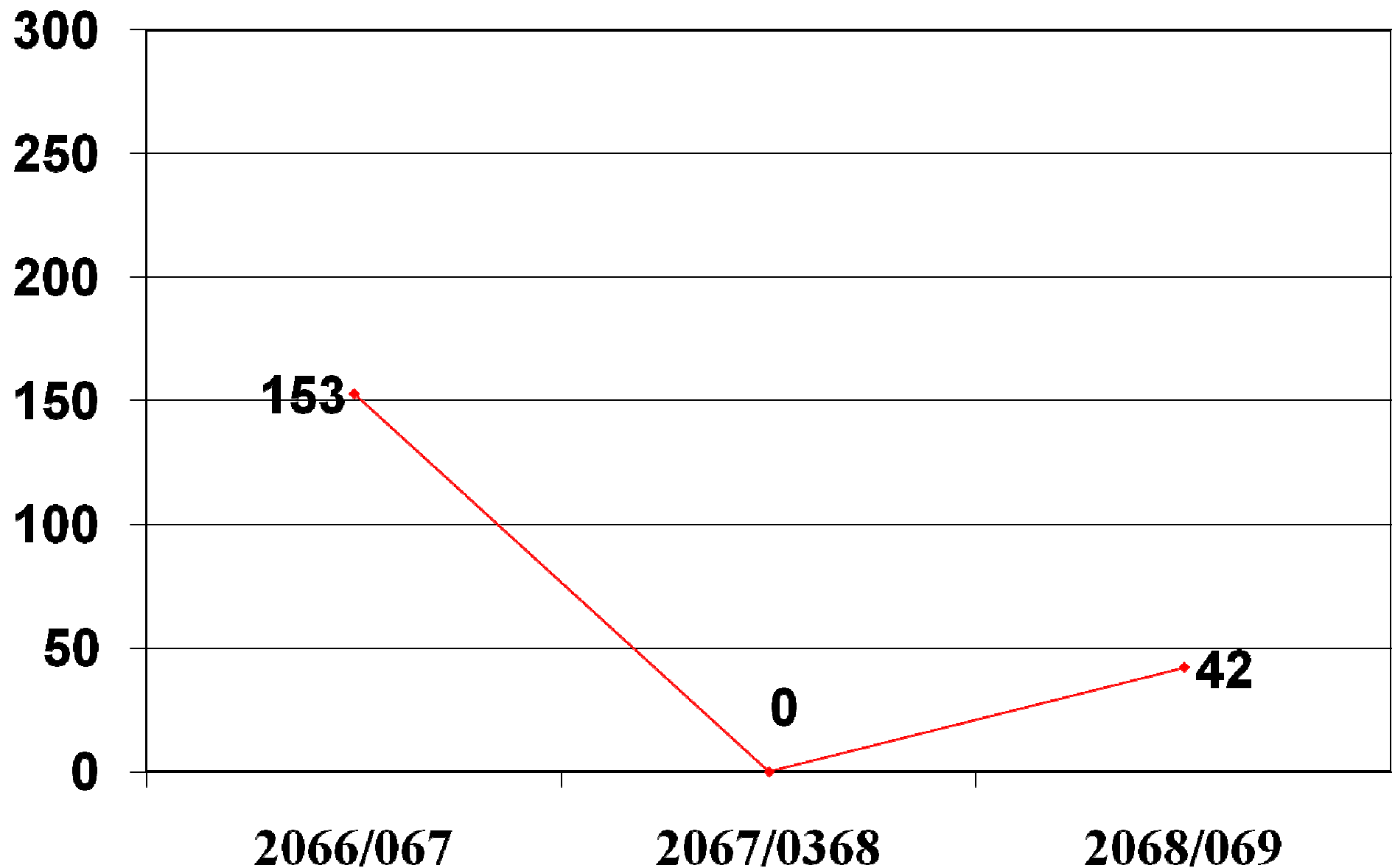
CAC Services Provided as % of Expected Pregnancy of Rupandehi District



PAC Services Provided as % of Expected Pregnancy of Rupandehi District

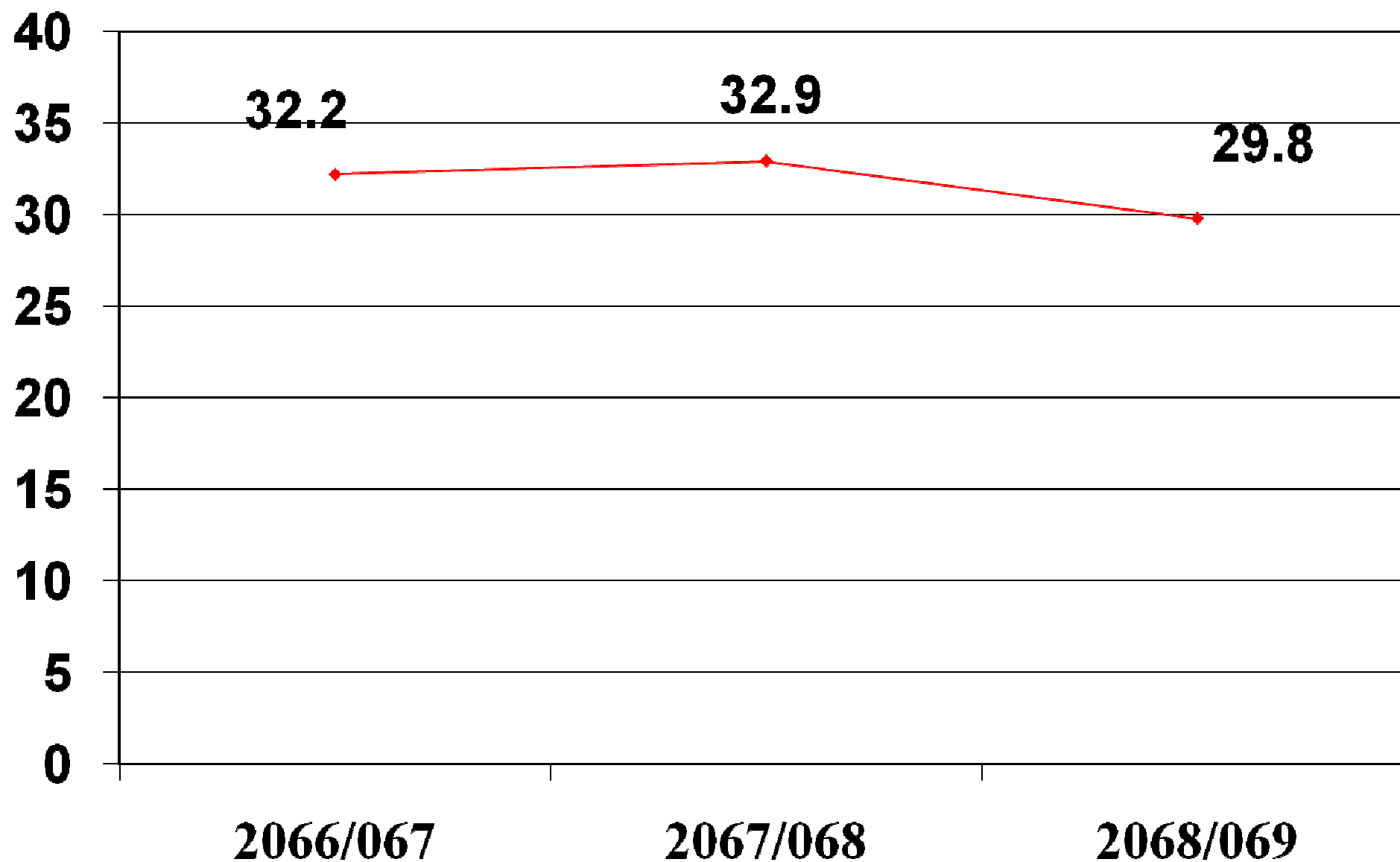


Hospital Maternal Death Ratio among per 1,00,000 Live Births

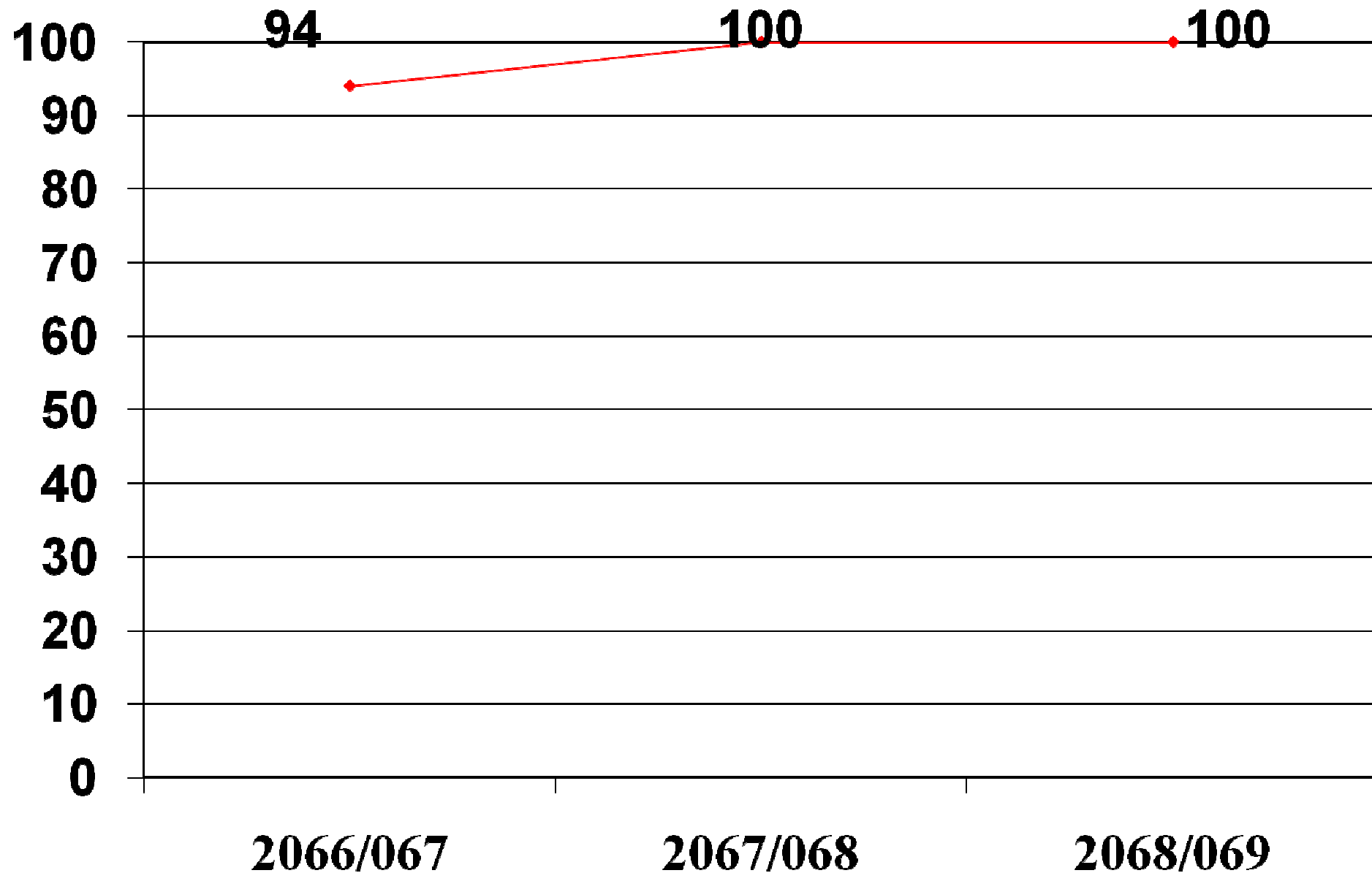


4 Family Planning Programme

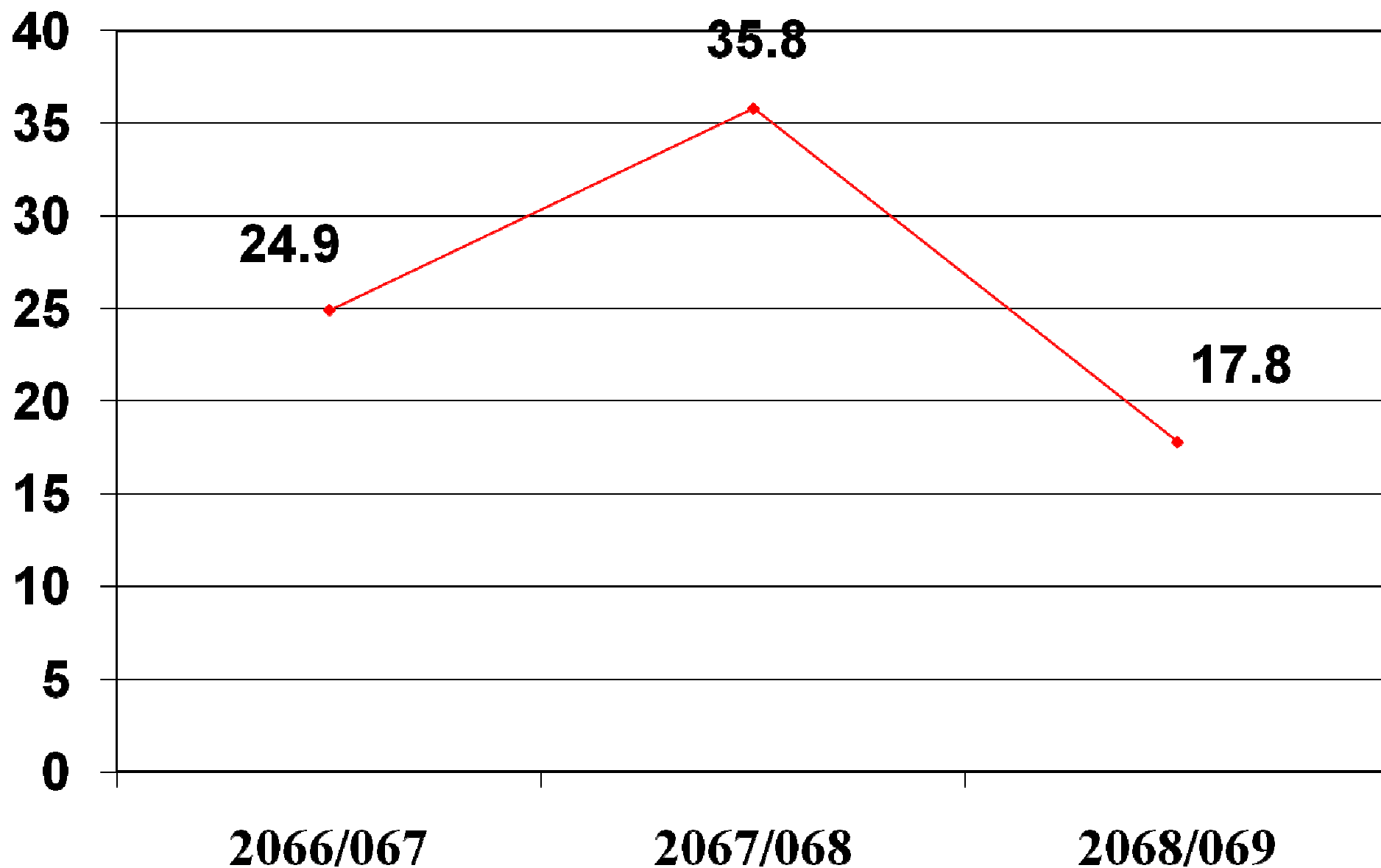
Contraceptive Prevalence Rate (CPR) of Butwal MP (in%)



% of Achivement of VSC of Lumbini Zonal Hospital



% of IUCD and Implant among New Acceptors

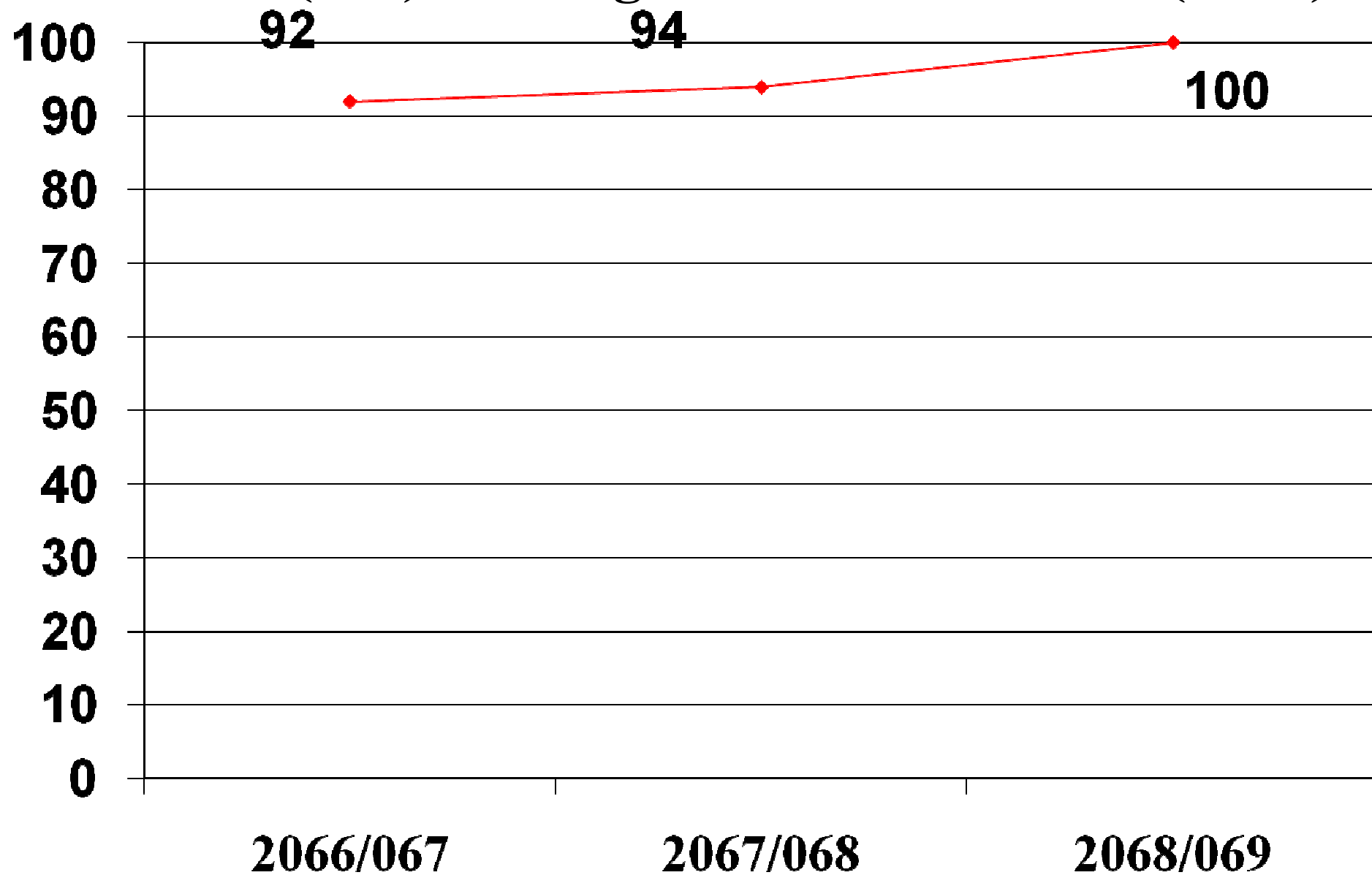


Yearly Sterilization (Family Planning) Services Provided

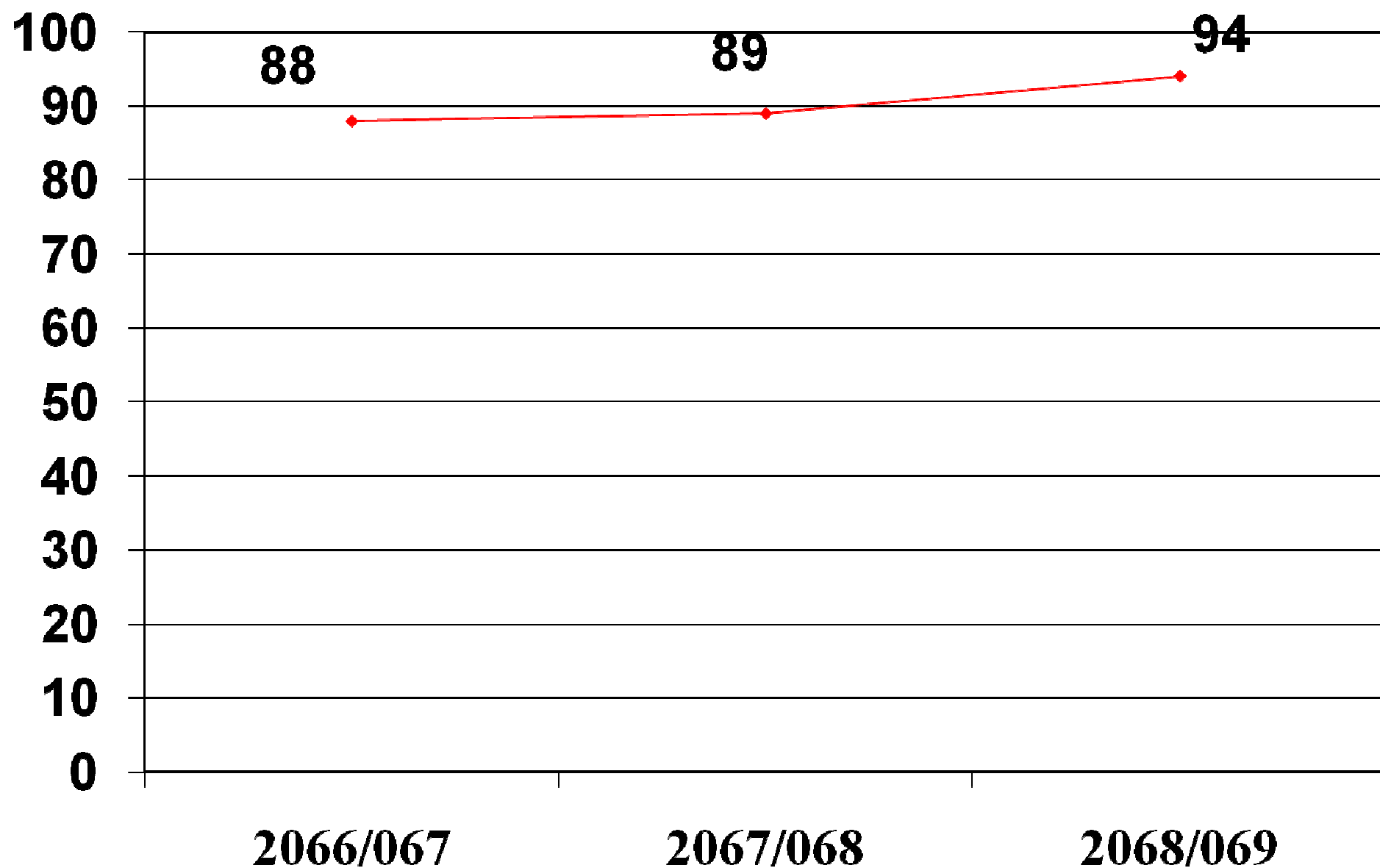
S. No.	Financial Year	BTL + Laparoscopy	Vasectomy	Total
1	2055/056	71	26	97
2	2056/057	77	24	101
3	2057/058	151	27	178
4	2058/059	810	107	917
5	2059/060	108	0	108
6	2060/061	341	39	380
7	2061/062	92	3	95
8	2062/063	214	16	230
9	2063/064	191	16	207
10	2064/065	152	22	174
11	2065/066	234	8	242
12	2066/067	268	14	282
13	2067/068	231	12	243
14	2068/069	266	6	272
Grand Total		3208	320	3528

1 TB Control Programme

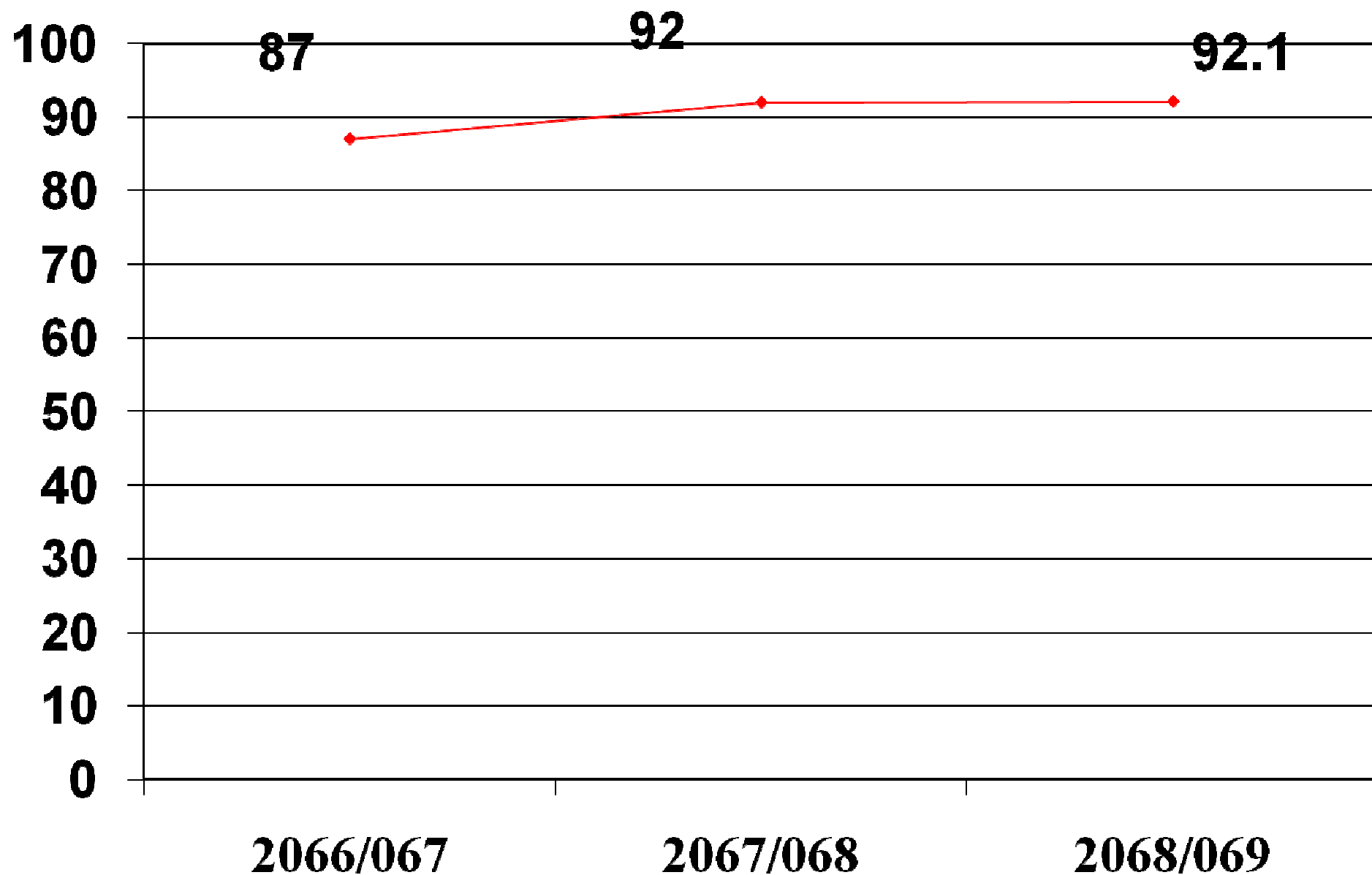
TB Case (+ve) Finding Rate of Butwal MP (in %)



TB Patients Sputum Conversion Rate of Butwal MP (in %)

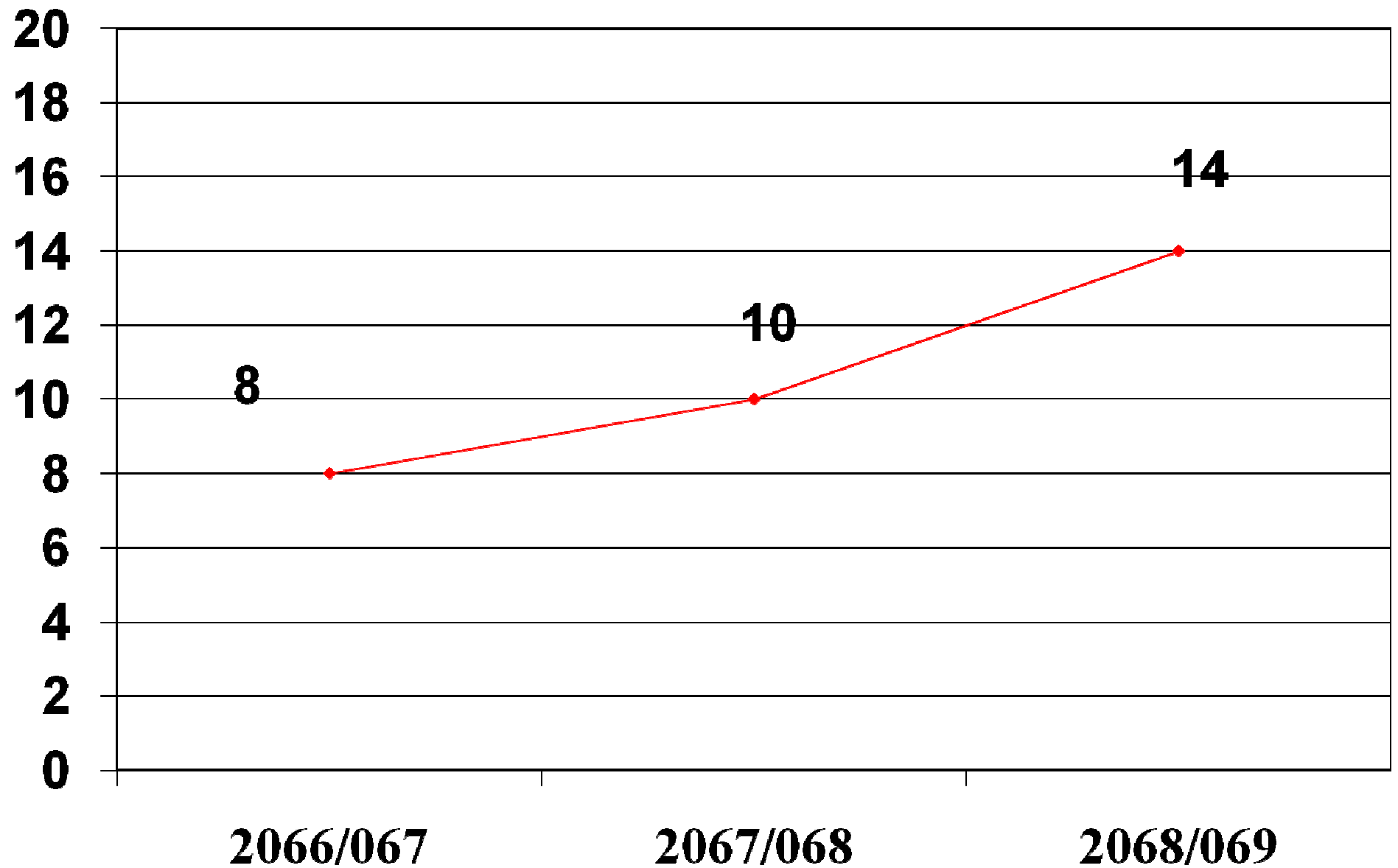


TB Patients Treatment Succeed Rate of Butwal MP (in %)

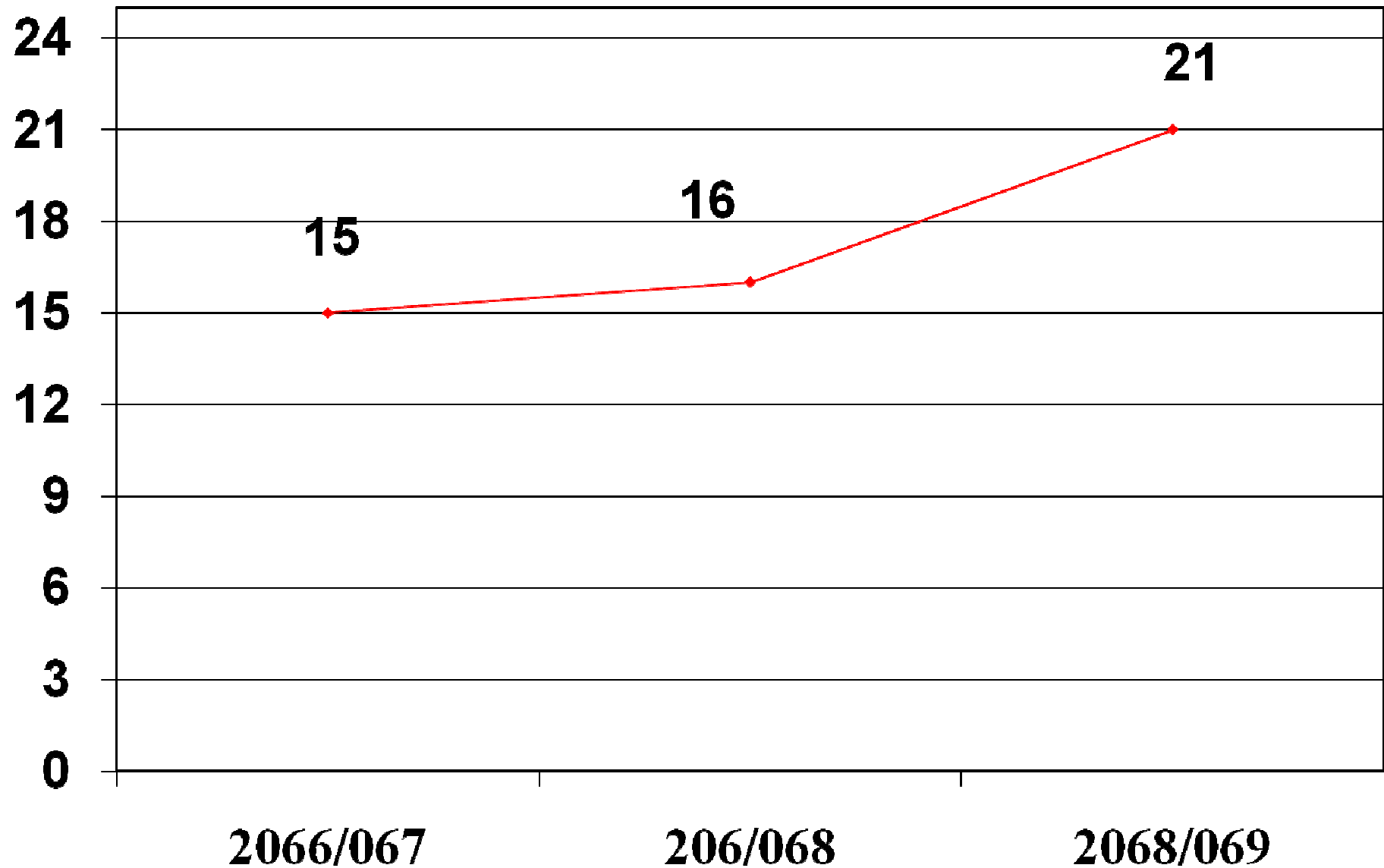


6 Leprosy Elimination Programme

No. of New Case Detection



Total Registered Leprosy Cases

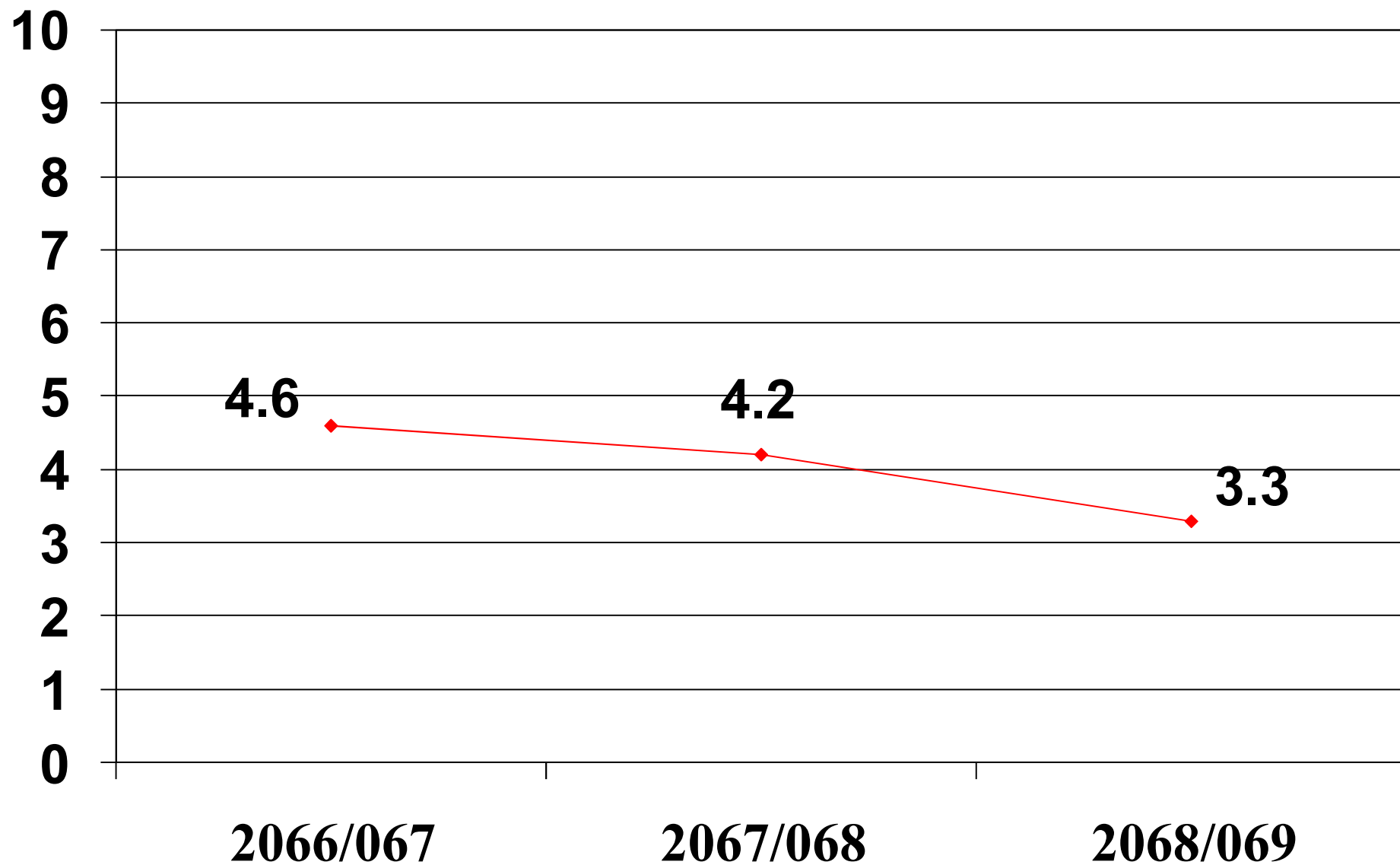


1 Malaria Control Programme

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
2066/067	91,560	4,250	28	0.7%	12	42.9%
2067/068	93,038	3,862	38	1.0%	15	39.5%
2068/069	94,469	3,150	13	0.4%	8	61.5%

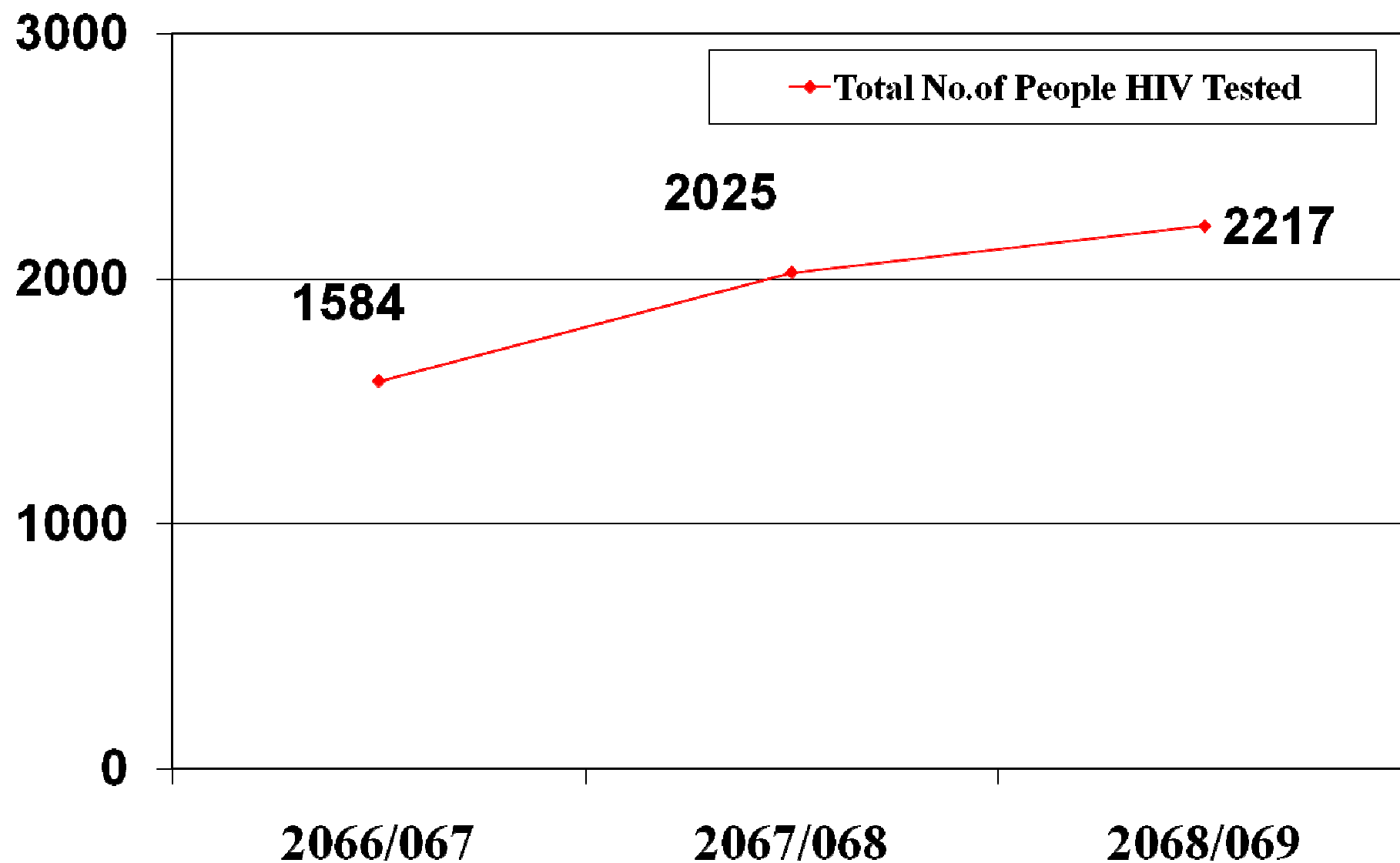
Annual Blood Examination Rate (ABER) of Butwal MP



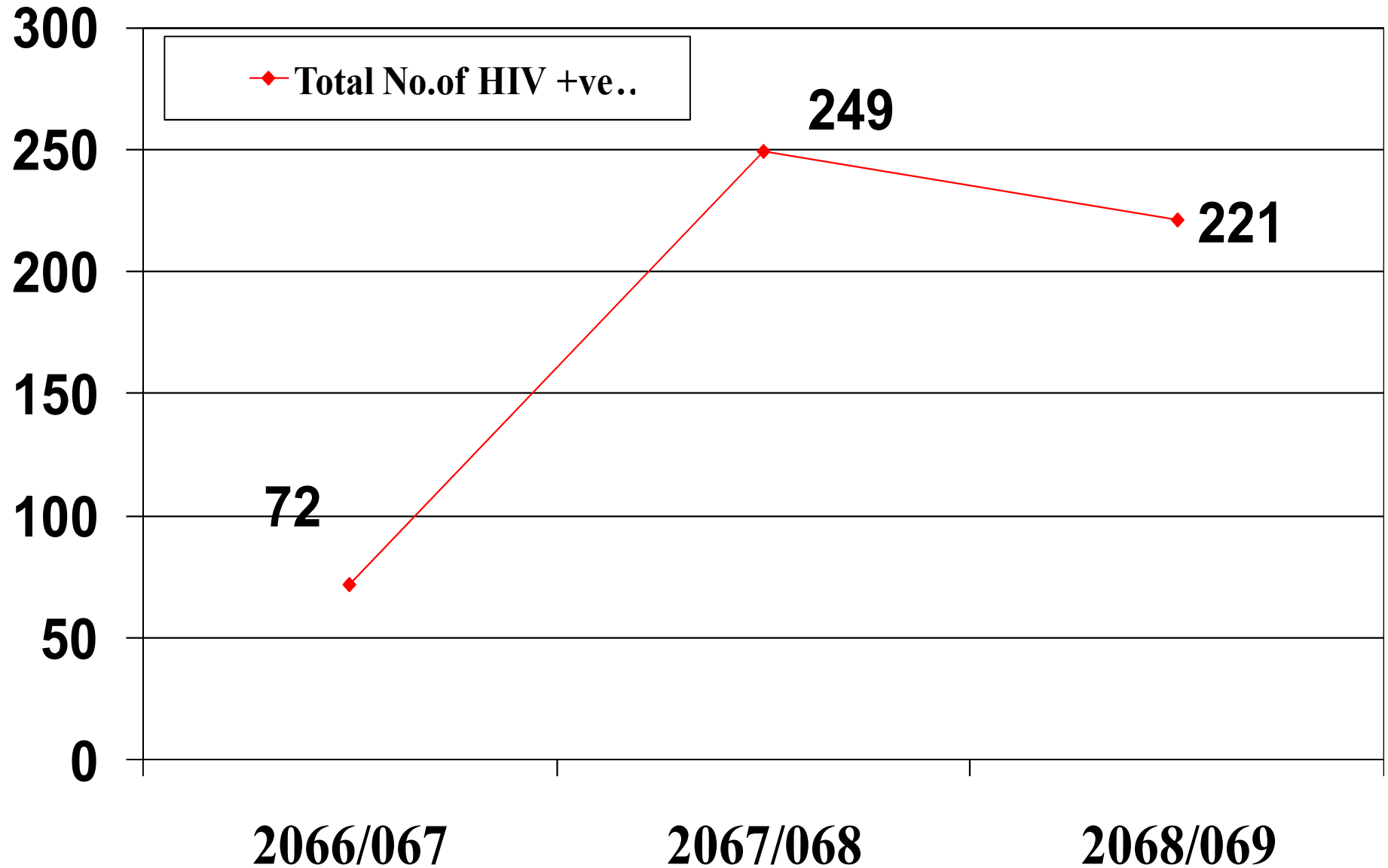
8 HIV/AIDS Control Programme

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
2068/069	118	123	1	242	1005
Total	549	454	2	1005	

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	Lost to Follow up	Stop ART	On Treatment	Cumulative Number
Up to Ashar 2065	111	4	4	7	0	0	99	99
2065/066	84	5	1	17	0	0	61	160
2066/067	131	1	37	-7	0	0	100	260
2067/068	153	9	50	-4	0	0	98	358
2068/069	205	28	32	0	27	2	126	484
Total	684	47	124	0	27	2	484	

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 %
2068/069	1144	134	11.6%
Total	2102	269	12.7 %

**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.....	2067/068			2068/069		
		Tested	+ve	% of +ve	Tested	+ve	% of +ve
1	Sex Workers	0	0	0.0%	2	1	50.0%
2	Injecting Drugs Users (IDUs)	7	1	14.3%	3		0.0%
3	Men having sex with Men (MSM)	0	0	0.0%			0.0%
4	Blood / Organ Recipients	2	0	0.0%			0.0%
5	Clients of Sex Workers	58	9	15.5%	30	5	16.7%
6	House Wives	222	18	8.1%	523	8	1.5%
7	Male Partners	1	1	100.0%	1		0.0%
8	Migrant Workers	143	50	35.0%	158	49	31.0%
9	Spouse of Migrant	195	50	25.6%	264	50	19.6%
10	Mothers to Child	85	16	18.8%	74	19	25.7%
11	Others	31	1	3.2%	89	2	2.2%
Total		744	146	19.6%	1144	134	11.7%

4. Opportunistic Infection

Opportunistic Infection Diagnosed & Treated

S. No.	Opportunistic Infection	On 2068/069	
		No. of Persons	Remarks
1	Bacterial Pneumonia	1	
2	Tuberculosis	23	
3	Candidiasis	2	
4	Diarrhoea	0	
5	Cryptococcal Meningitis	0	
6	Pneumocystis Jiroveci Pneumonia (PJP)	0	
7	Cytomegalo Virus	0	
8	Penicilliosis	0	
9	Herpes Zooster	6	
10	Genital Herpes	0	
11	Toxoplasmosis	0	
12	Others	57	
Total		89	

Oppertunistic Indicators

Financial Years	Age Groups				Sex			
	Under 5 yrs	5-14 yrs	15 yrs & over	Total	Male	Female	TG	Total
No. of Persons on Cotrimoxazole Prophylaxis Therapy (CPT)	74	168	2151	2393	1415	978	0	2393
Among them, TB/HIV	0	1	30	31	24	7	0	31
PLHA	4	10	76	90	62	28	0	90

5. PMTCT

Prevention Mother to Child Transmission (PMTCT) Programme
On 2068/069

(PMTCT Service was Started in this Hospital on)

Programme	No. of Cases
No. of HIV Tested Pregnant Women	3333
HIV + ve among Tested Pregnant Women	4
No.of Pregnant Women on ART	2

6. CD4 Count

Total No. of CD4 Count HIV/ Aids Cases tested
(CD4 Count Service was Started in this Hospital on
11/05/2066 or 27/08/2009)

Financial Years	Total No. of CD4 Count HIV/Aids Cases
2066/067	326
2067/068	589
2068/069	
Total	915

Free Treatment

Free Treatment in Various Department of Hospital on 2068/069

S. No.	Various Department	Free on 2067/068	
		Patients	Amount
<u>1</u>	<u>Laboratory Department of F.Y.2067/068</u>	20,405	
2	X-ray Services	1,420	Rs.1,84,600/-
3	Ultrasound Services	635	Rs.2.22,250/-
4	ECG Services	313	Rs.39,125/-
5	Endoscopes Services	19	Rs.7,125/-
6	Audiogram	8	800
7	Tympanogram	3	300
8	OPD Department	21,084	Rs.2,10,840/-
9	Inpatients Department	163	
10	Poisonous Snake Bite Management	141	
	3756 Vial ASVS X Rs.1360.00 = 51,08,180.00 (Rs.1,30,00,000/30,000 Vial)		
11	Post Exposure Treatment of Rabies	2265	67, 85, 400.00
	11,309 Vial ARVS X Rs.600.00 = 67,85,400.00 (Rs.8,25,00,000/3,00000 Vial)		
Nepal Government donation for Safe Motherhood Services			2,39,00,000.00

Free Treatment in Various Department of Hospital on 2068/069

S. No.	Various Department	Free on 2068/069	
		Patients	Amount
1	Operation		
	a. Major Operation	147	Rs.1,47,000/-
	b. Intermediate Operation	300	Rs.1,50,000/-
	c. Minor Operation	325	Rs.65,000/-
	d. Plaster A	67	Rs.20,100/-
	e. Plaster B	34	Rs.6,800/-
	f. Plaster C	622	Rs.62,200/-
2	Safe motherhood Programme	7,943	99,51,306.00
Free in short			
1	Partially Free Patients	35,524	
2	Full Free Patients	19,257	
3	Total Free Patients	54,524	
4	Total Amount of Service Charge Free		
Total			

Total Free Amount of Various Department on 2068/069

S. No.	Various Department	Free Amount on 2067/068
1	Service Charge Free By Hospital	6,65,040.00
2	Service Charge Free By Nepal Government	3,57,93,580.00
3	Medicine (Free of Cost) By N.G.& H.D.C.	2,87,51,306.00
Total Free Amount		6,52,15,426.00
	Service Charge Free By Nepal Government	
1	ASVS 3756 Vial x 1360.00	51,08,180.00
2	ARV 11,309 Vial x 600.00	67,85,400.00
3	NG donation for Safe Motherhood Programme	2,39,00,000.00
Total Amount		3,57,93,580.00