

# *Section - A*

## *General Information*

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## **Preface**

It was in 1986 when the Annual Health Bulletin was published for the first time. As evident from the past publications, the report is a consolidated routine health data collected from 20 dzongkhags. Although it has experienced a long period of existence the bulletin has not been able to achieve much of its expectations due to various limitations. Nevertheless, it has proved to be a valuable source of health statistics and the only media of health information for many users in the past.

The Health Information Unit (HIU) is primarily responsible for this task of collection, compilation and reporting on the national health programmes. Essentially, one of its main objectives is to facilitate management capability for appropriate intervention, both at district and the national levels, for which an effective feedback system has been seen as a critical area that needs to be further strengthened. The Health Management Information System (HMIS), in its wider perspective, is therefore to take care of the overall managerial aspects that will in parallel ensure effective flow of information for evidence. The role of HIU is thus becoming increasingly crucial towards fulfillment of the central resource for all information needs.

While the main purpose of this bulletin is to disseminate health information based on the facility compiled reports, we would like to appeal to all the readers with this word of cautions in the use of data and information. At present the coverage of health services is estimated to be around 90%. It means that there still remain un-reached pockets of population that are difficult to cover or bring under the routine health services. Thus it may not, therefore, show a real picture of the country situation.

Besides, the HMIS has been undergoing critical review for an enhanced system. One of the major changes brought in is the rewriting of a comprehensive reference manual for health workers as self-training guidebook and designing of applications software for electronic data transmission and processing. This effort was basically aimed at simplifying the whole system and also to reduce the workload of health workers in the periphery. With the revised system just being implemented throughout the country, it is expected to improve the overall management of health services at all levels and at the same time generate appropriate database for better planning. In view of these objectives we welcome valuable comments and further suggestions, if any, for the improvement of this publication.

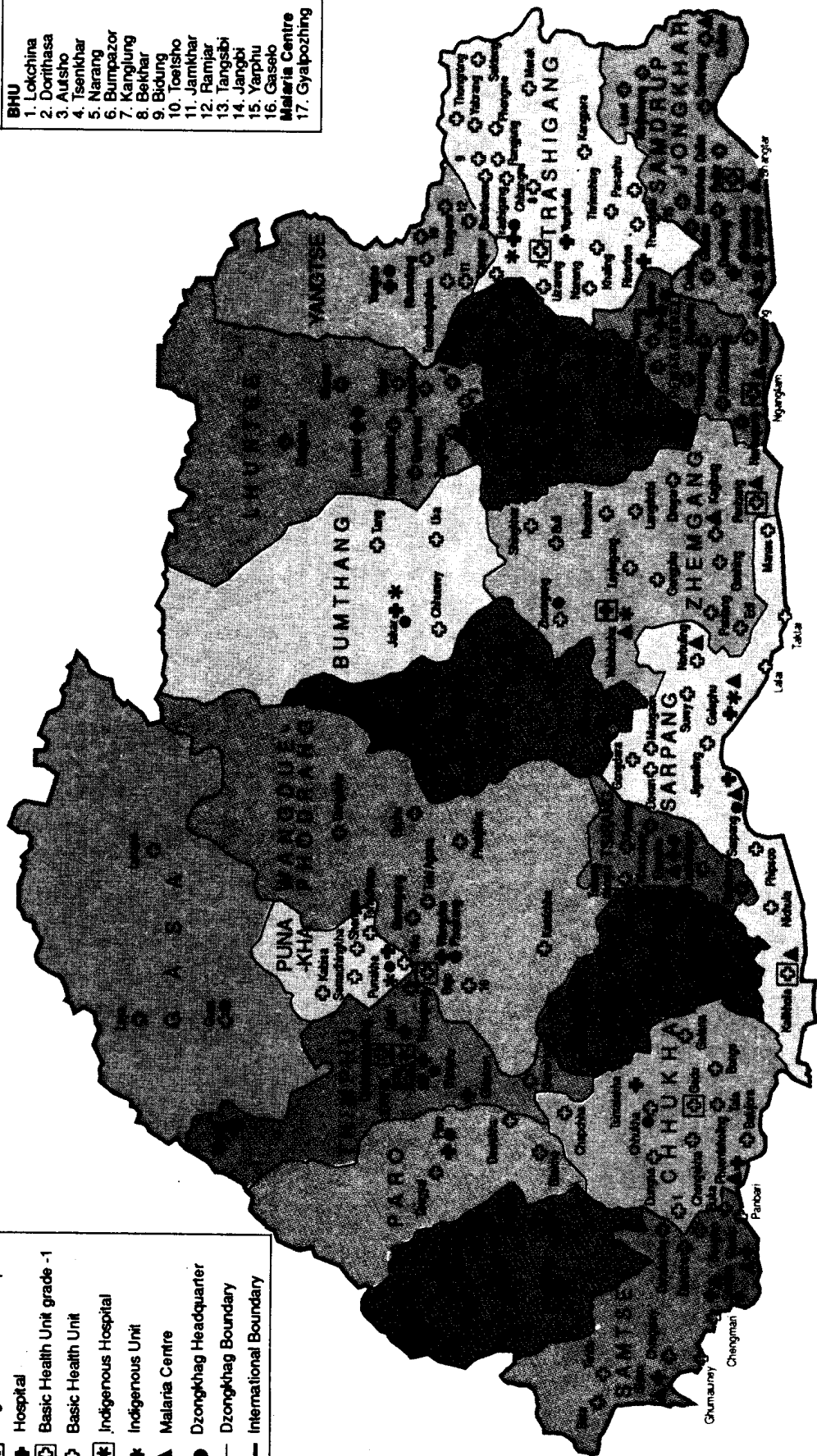
Finally, we would like to offer our sincere gratitude and appreciation to all collaborating agencies for their support towards the noble endeavour of the RGoB to improve the quality of life of the people of Bhutan. Our appreciation also goes to the dedicated and sincere health workers for their tremendous efforts in the successful implementation of health programmes at the very grass root level. The cooperation shown by various programmes and stakeholders has been a source of inspiration and encouragement for us to improve upon through the use of modern information technology.

**Director of Health Services**

# Existing Health Facilities

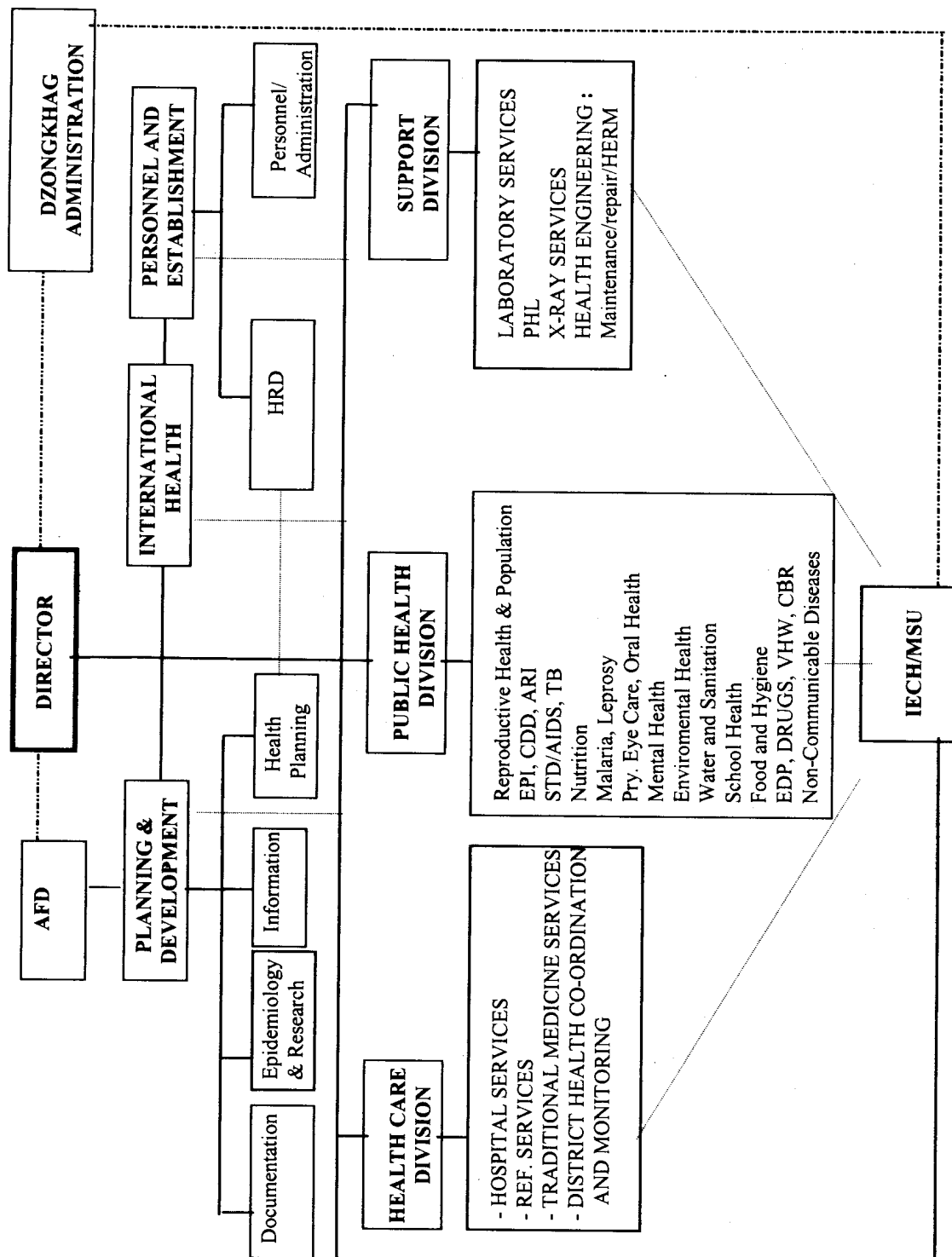
New additional health facilities in 8FYP	
<b>BHU</b>	
1. Lokchina	
2. Dorithasa	
3. Autsho	
4. Tsenkhar	
5. Narang	
6. Bumpazor	
7. Kanglung	
8. Bekhar	
9. Bidung	
10. Toetsho	
11. Jamkhar	
12. Namjar	
13. Tangsbi	
14. Jangbi	
15. Yaphu	
16. Gaselo	
<b>Malaria Centre</b>	
17. Gyalpozhing	

LEGEND	
	National Referral Hospital
	Regional Referral Hospital
	Hospital
	Basic Health Unit grade -1
	Basic Health Unit
	Indigenous Hospital
	Indigenous Unit
	Malaria Centre
	Dzongkhag Headquarter
	Dzongkhag Boundary
	International Boundary



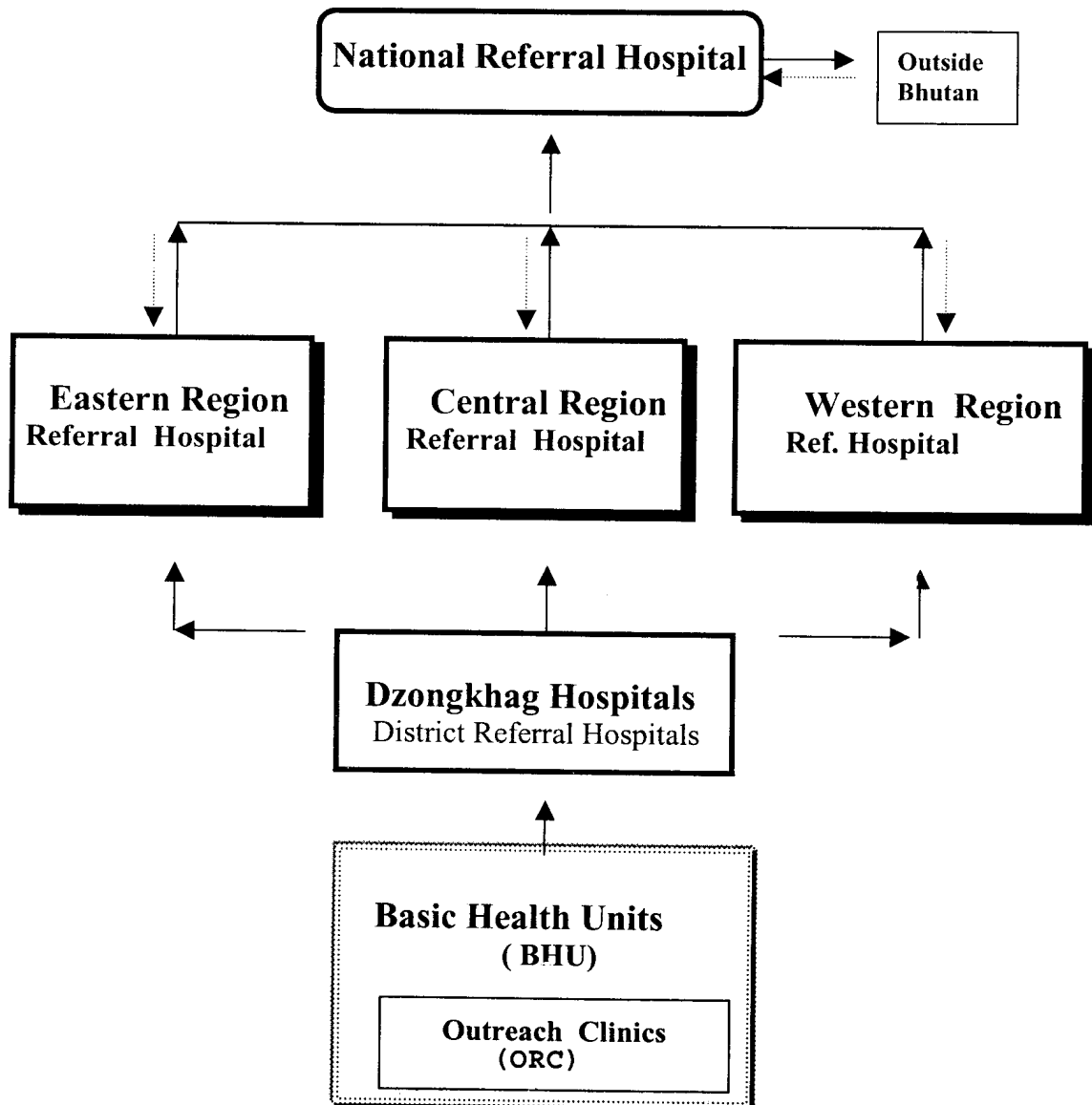
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**MINISTRY OF HEALTH AND EDUCATION  
HEALTH DEPARTMENT**



# MEDICAL STRUCTURE

## The Health Care Referral System



## Flow of Information

### INFORMATION MANAGEMENT

1. Monthly/Annual data aggregated at BHU level in electronic form (by the end of next month of past quarter)
2. Intra-district personnel transfer information (immediate)
3. District and lower level disease outbreak information (immediate)
4. Other immediate reports

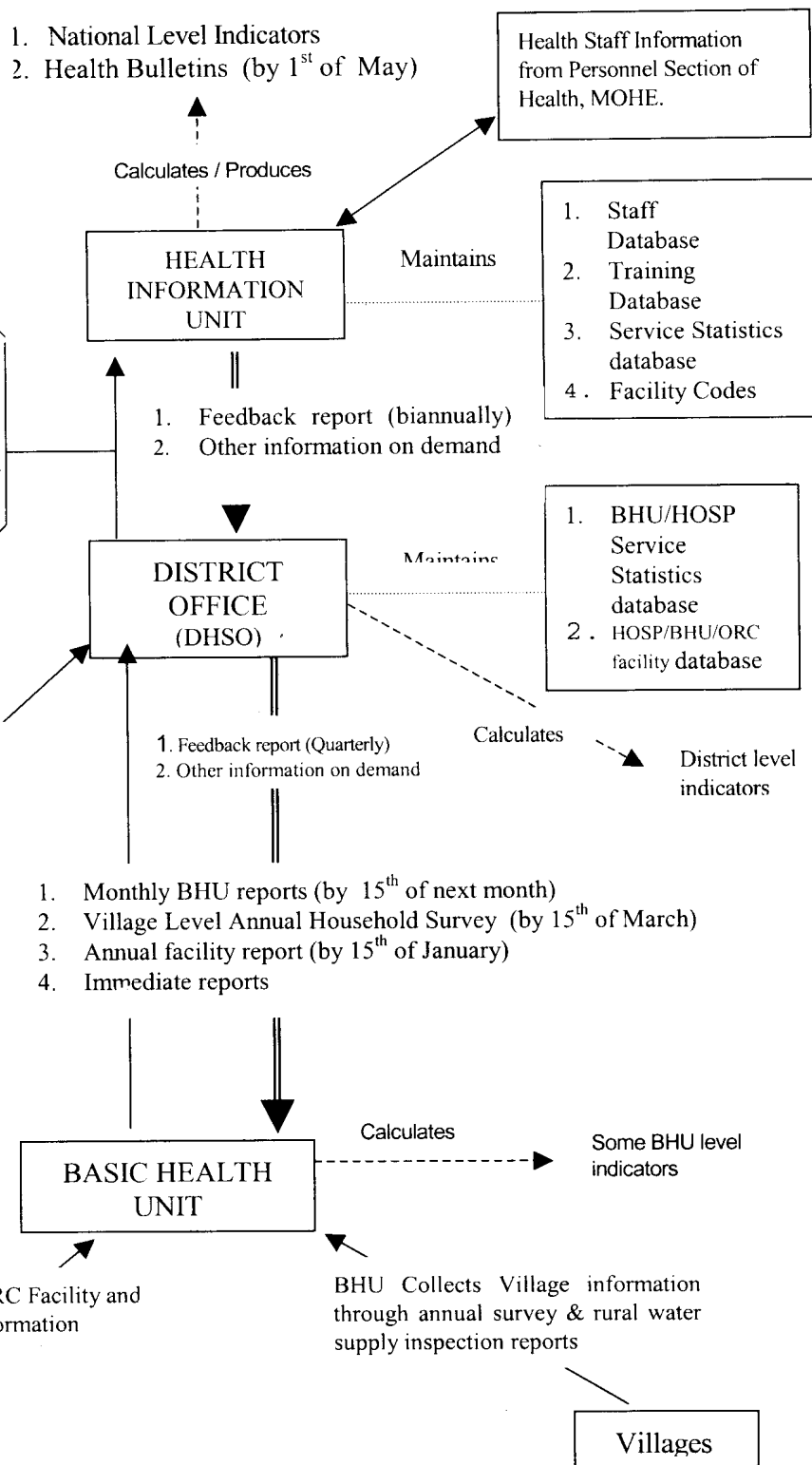
1. Monthly Report
2. Annual facility report
3. Immediate Reports

**HOSPITAL**

Community Health Unit\*

**ORCs**

**Villages**



*Note: Some vertical programmes (e.g. TB and Leprosy) reports are directly sent to respective programme head quarters.*

*\* Community Health Unit (CHU) sends same information to DHSO as sent by BHUs. Morbidity data from CHU/ORCs managed by hospitals are added to the hospital morbidity data."*

## Comparative Demographic indicators

<i>Indicator</i>	<i>Rates</i>		
	<i>1984</i>	<i>1994</i>	<i>2000</i>
Area (Sq. km)*	46,500	46,500	38,394
Population	56,205	63,890	68847**
Male	27,747	30,440	33489**
Female	28,458	33,450	35358**
Population under 15 years (%)*	NA	42.1	42.1
Life Expectancy at birth (years)	NA	66.1	66.1
Urban population (%)*	NA	21	21
Population density (%)*	NA	14.6	14
Sex ratio (Males per 100 females)	102.8	105.1	106.6
Dependency ratio	80.0	91.7	77.4
General Fertility Rate	169.6	172.7	142.7
Total Fertility Rate	NA	5.6	4.7
Crude Birth Rate (per 1000 population)	39.1	39.9	34.1
Crude Death Rate (per 1000 population)	13.4	9	8.6
Population Growth Rate	2.6	3.1	2.5
Infant Mortality Rate (per 1000 live births)	102.8	70.7	60.5
Under-5 Mortality Rate (per 1000 live births)	162.4	96.9	84.0
Maternal mortality ratio (per 1000 live births)	7.7	3.8	2.6
Trained Birth attendance (%)	NA	10.9	23.6

Source: National Health/Demographic Surveys

\* Statistical Yearbook (2002), Central Statistical Organisation, Planning Commission, Thimphu

\*\* Sample population for respective surveys



## Health indicators

### A. Human Resource

<i>Type of manpower</i>	<i>Indicator</i>
Number of doctors (including non-nationals)	122
Doctors per 10,000 population	1.7
Ratio of doctors to hospital bed	1: 8
No. of Drungtshos (Indigenous physicians)	32
No. of sMenpas (Indigenous compounders)	23
District Health Supervisory Officers (DHSO)	27
B.Sc. Nurses	5
General Nurse Midwife/Staff Nurses (GNM)	174
Health Assistants (HA)	173
Auxiliary Nurse Midwife (ANM)	145
Basic Health Workers (BHW)	175
Assistant Nurses	176
Ratio of nurses to hospital bed	1:2
Nurses per 10,000 population (2002 Pop=712252)	6.8
Lab. Technicians	62
Dental Technicians/Hygienist	42
X-Ray Technicians	25
Pharmacy Technicians	60
O.T. Technicians	17
Eye Technicians	21
Other Technicians	25
Compounders/Para medical workers	17
Malaria workers	66

### B. Health Facilities

<i>Type of facility</i>	<i>Indicator</i>
Number of hospitals*	29
Number of Basic Health Units (BHUs)*	166
Indigenous hospital	1
Indigenous Units	19
Training institutes (including NIFH, Gaylegphug)	3
Outreach Clinics (ORC)*	455
Total hospital beds	1023
Population per hospital bed	696
Hospital bed per 10,000 population	14

Note: \* Please see annexure – I

## *Section — B*

 *Summary*

*Report on Health  
Programmes*

# ROYAL INSTITUTE OF HEALTH SCIENCES

## Introduction

The Royal Institute of Health Sciences has been training mid level health workers for the Basic Health Units and Nurses and Technicians for the hospitals since its inception in 1974. As of 2002, more than 1400 health workers have graduated from the Institute. Graduates of the Institute form the backbone of the health care delivery system in the country.

## Training Programmes

The BHW and AN training programmes have been phased out since 2000. The entry qualification for the GNM has been enhanced to Class 12 pass and the number of slots increased to 24 per year to meet the shortage of nursing personnel. The number of technician intake has also been increased to meet the shortfall. The ANM category has been merged with the HA, to form a single category of multipurpose primary health worker-Health Assistant.

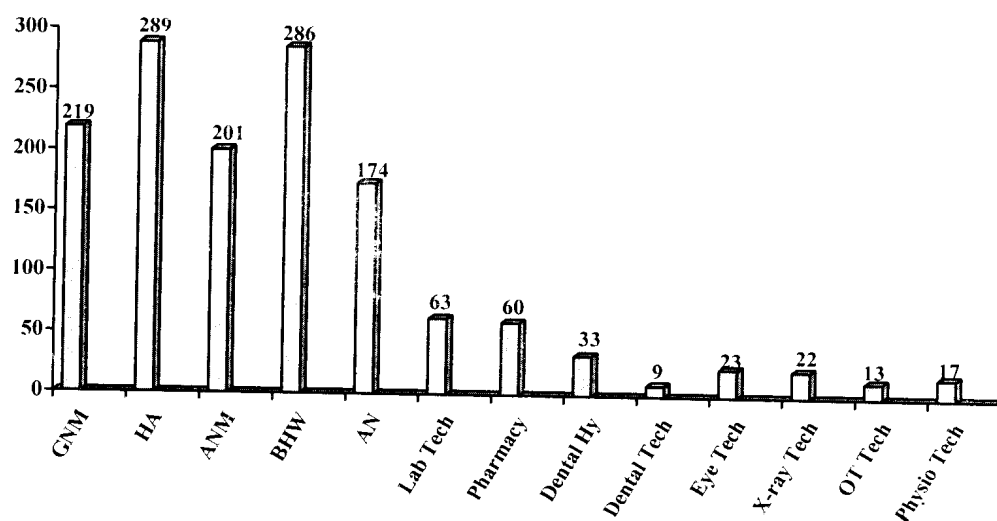
The selection process for the various pre service in country training programmes has been centralized and coordinated by the RCSC, NTTA, DEL and the respective Institutes.

83 health workers graduated from the Institute during the year: 18 General Nurse Midwives, 13 Health Assistants, 17 Auxiliary Nurse Midwives, 25 Technicians: 6 Laboratory, 3 Pharmacy, 3 Dental, 3 Ophthalmic, 3 Operation Theatre, 4 X-ray and 3 Physiotherapy and 10 DHSOs including 3 women DHSOs for the first time. The DHSOs also went for a 2 weeklong study tour to Thailand and CMC Vellore. 75 new trainees were recruited during the year. 12 senior staff nurse and 2 RIHS faculty members successfully completed the Bachelor of Nursing conversion programme.

### Other in service training programmes that are currently going on are:

1. Post Basic Bachelor of nursing Conversion course for GNM's – 14
2. Diploma in District Health Management for DHSOs - 10

**Total number of graduates trained as of 2002**



### Training programmes and student strength - 2002

		Entry Qualification	No. of Slots	Current student strength			Total
				1 <sup>st</sup> yr	2 <sup>nd</sup> yr.	3 <sup>rd</sup> yr.	
1.	GNM	Class 12 pass	24 (16F:8M)	24	10	21	55
2.	HA	Class 10 pass	15 (10F:5M)	16	28	-	44
3.	Lab Tech	-do-	10 (4F:6M)	10	10	-	20
4.	Pharmacy Tech	-do-	4 (2F:2M)	5	4	-	9
5.	X-ray Tech	-do-	4 (2F:2M)	5	4	-	9
6.	Physio. Tech	-do-	4 (1F:2M)	4	4	-	8
7.	Eye Tech	-do-	4 M	4	4	-	8
8.	OT Tech	-do-	4 (2F:2M)	3	4	-	7
9.	Dental Tech	-do-	2	2	2	-	4
10.	Dental Hygienist	-do-	2	2	2	-	4
		<b>Total</b>	<b>73</b>	<b>75</b>	<b>72</b>	<b>21</b>	<b>168</b>

### Progress

The following activities were carried out during the year

1. The new hostels were inaugurated by the Ven. Dorji Lopen of the Central Monastic Body The Hostels were constructed and furnished under funding from DANIDA, RgoB & UNFPA and has a capacity for 100 female and 100 male trainees with a common kitchen and dining hall, a Lhakhang and indoor games room. The old hostels were handed over to the JDW-NRH. Procurement of teaching aids, models, books, laptop computer and infocus projector, digital camera, printer and books were done through UNICEF and WHO funding.
2. Construction of Sangay Menlha Statue in the Institute Lhakhang completed at a cost of Nu. 0.62 million funded entirely through donations and contributions.
3. Dr. Chencho Dorjee took over as Director of the Institute from Mr. Dorji Wangchuk who was transferred as Director for the National Institute of Traditional Medicine.
4. 8 new faculty members joined the Institute.
5. Carried out the following studies in collaboration with the Research and Epidemiology Unit and Personnel section of the Health Department:
  1. A study on Assessment of past training Performance and Acceptability of Assistant Clinical Officers.

2. KAP survey on HIV/AIDS among pregnant women attending ANC at JDW-NRH by the DHSO trainees.
3. Community Diagnosis by HA/ANM trainees at Bitekha.
4. Identifying In-service Training needs and Perception of Health Workers on the Current Continuing Education.

### **Constraints**

Faculty development needs to take place at a greater pace in view of improving the quality of training and preparing for up graduation into a College of Nursing and Health Sciences. The Institute lacks adequate access to Internet and a lecturer in Information Technology to facilitate the exposure of faculty and trainees to basic computer knowledge and access to information.

### **Conclusion**

RIHS continues to play a major role in meeting the health human resource requirement of the country. In keeping with the 9<sup>th</sup> FYP objective of improving the quality of services, the Institute will require the continued support, guidance and cooperation of the Department, Ministry and Donor agencies to further strengthen its capacity.

# TRADITIONAL MEDICINE SERVICES

## Introduction

The Institute of Traditional Medicine Services (ITMS) was established in 1967 to develop traditional medical services in the country through development of human resources and appropriate traditional medical system within the overall health care system.

From a single Dispensary in Dechhen Chholing, the ITMS has grown rapidly and has become a multi functional organization under the Department of Health Services. All 20 districts now have Traditional Medicine Units attached to the district hospitals. At the national level the Institute currently has three sections as follows:

1. Traditional Medicine Hospital
2. National Institute of Traditional Medicine
3. Pharmaceutical and Research Unit

### 1. Human Resource Development

In 2002, 4 Drungtsho students and 10 Menpas students have been recruited to undergo 5 years and 3 years training programs respectively. Six Menpas have passed out during the years. Total numbers of students undergoing training in the NITM at present is 24 for these two programs in different batches.

The ITMS has organised and conducted management training workshops for both Drungtshos and Menpas from all 20 Dzongkhags to improve the quality of traditional medical services in the country. The lectures of NITM and selected senior Drungtshos have also undergone a weeklong training workshop on curriculum development and training of trainers to improve the quality of training programs. Two batches of Drungtsos have also undergone refresher training on high altitude medicinal -plants identification in Lingshi during the year.

### Other activities

Mr. Dorji Wangchuk has taken over the Institute as new Director with in 2002. Annual Traditional Medicine Conference was held at Punakha Field Training Centre where Drungtshos from all Dzongkhags participated in the Conference.

Instituted monthly Menlha Chhoga and offering of new products before issuing for public consumption with effect from August 2002 through monetary contributions from the staff.

The "Institute at a glance" was published & distributed to all relevant Government agencies and visitors. Guidelines were developed for guests and visitors to the ITMS and circulated to all agencies for compliance

## 2. Production of medicine

### List of raw materials purchased in 2002 for the production of traditional medicines

Category	# of different types	Quantity in kg	Amount in Nu.	Remarks
High altitude plants	66	2227.255	257515.82	
Low altitude plants	73	8477.500	1899775.20	
Minerals	5	165.342	325677.00	
Animal parts	7	195.050	1067470.95	
<b>Total</b>	<b>151</b>	<b>11065.147</b>	<b>3550438.97</b>	

### Production of medicines during the year 2002

S.N.	Dosage form	No. of Medicines	Quantity in kg	Remarks
1.	Tablet	23 items	1835.95kg	
2.	Capsule	18 items	1336.83 kg	
3.	Pill	23 items	2390.80kg	
4.	Powder	4 items	2021.94 kg	Mostly incense powder
5.	Ointment	2 items	232.90 kg	
6.	Syrup	1 item	168.86 kg	
7.	Dutshi Ngalum	1 item	300.50 kg	For herbal bath & steam
	<b>Total</b>	<b>72 items</b>	<b>8287.78 kg</b>	

## 3. Research activities during 2002

S.No	Type of research	Purpose	Findings	Remarks
1.	Quality analysis of raw Materials of 344 batches	To ascertain the Quality of raw Materials	All passed except the following species: syzigit aromaticum, carthamus tinctorius, jeru chima, momen, gum acacia	
2	Quality analysis of finished products of 107 batches	To see if the products are as per the standards	All passed the test, Except garna chupa	Hardness problem Converted to capsule
3.	Product development Lungmen, balm, and medicated oil (Tsajug)	To improve the Quality and Enhance efficacy	All are effective	
4.	Allopathy Extemporaneous	Production and bottling trials	Not so convenient	

#### 4. Marketing of the products during 2002

S.No	Product	Quantity in kg	Amount in Nu.	Remarks
1.	Tsheringma herbal tea	12231	597190	Packets
2.	sMensang Gyatsa	1107.250	240815	
3.	sMenna Chema	123.845	26007.45	
4.	Zangdru Chema	55.750	38077.25	
5.	sMendrup	155.25	85913.8	
6.	Bres sum Chema	3.500	636.20	
7.	Raw Materials	235.002	196308.64	varieties
8.	Bum zes 25	4.500	1018	
9.	Rinchen sna5	0.165	12984.18	
10.	Precessed medicines	32.200	10367.06	varieties
11.	Lumen rilbu	3013	15065	pills
	<b>Total</b>		<b>1224382.58</b>	



# REPRODUCTIVE HEALTH AND POPULATION

## **Introduction:**

Over the ages Reproductive Health activities in Bhutan has made satisfactory progress in all aspects. This is indicated by the improvement in the major programme indicators. Maternal Mortality Ratio (MMR) has been brought down from 7.7/1000 live birth (1984) to 2.55/ 1000 live birth, Antenatal attendance and trained deliveries are similarly improving. Maternal death investigation has been introduced through out the country since 2001. To meet the shortage of skilled EmOC service providers, Competency Based Training (CBT) has been initiated in JDWNRH/ RIHS.

High Infant immunisation level is maintained throughout the last decade. Regular growth monitoring is being expanded to include all children under 5 years of age. In the family planning side the contraceptive prevalence rate (CPR) has increased from 18.8% (1994) to 30.7% (2000) within a span of 5 years time. Contraceptives usage rate shows a uniform distribution of all methods throughout the country. IUD insertion facilities have been expanded to almost 90% of health facilities.

Screening of cervical cancer prevention activities has been expanded to Paro and Trongsa Dzongkhags. It will be further expanded to Mongaar during the coming plan period. Advocacy and IEC addressing adolescent Reproductive Health issues are being introduced through different methods and media.

## **Immediate objectives for the year 2002.**

1. To increase the access to reproductive health services.
2. To procure and supply essentials equipments /instruments and contraceptives.
3. To improve skill and knowledge of health workers.
4. To generate communities support to the programme and increase knowledge about reproductive health.
5. To provide quality reproductive health services and increased utilisation of health facilities.

## **Achievements and progress in some planned activities for 2002**

### **Construction:**

Construction of 10 ORCs at Tashigang under taken and near completion.

- a. Renovation of OT/ Labour room attached toilet carried out in Bajo BHU grade 1 and Damphu hospital.
- b. Financial support to complete RIHS boys and girls hostel.

**Supplies and equipment:**

- Essential equipment procured & distributed to all 10 new ORCs.
- Non expandable equipment procured and distributed to 09 new BHUs
- Supplied data processing equipment to central laboratory to strengthen monitoring on cervical cancer screening programme.
- Procured and supplied the blood banking equipment facilities in JDWNRH.
- Procurement of Ultra sound machine to Paro Hospital and Anaesthesia machine to Punakha already done and machines are yet to arrive.
- Contraceptives procured and distributed to all the dzongkhags.
- Family planning forms printed and distributed to all districts
- Cervical cancer information leaflet developed in English and dzongkha and distributed to Paro and Trongsa Hospital.

**In-service training**

- Trained 41 of X-ray technician on basic Ultrasounography.
- Health workers, schoolteachers and adolescent in and out were advocated and trained in adolescent reproductive health issues.
- Paro and Bajo Hospital were trained in hospital transformation process using “Appreciative Inquiry”
- National workshop on EmOC conducted to all DMO/ Superintendents and EmOC focal persons and trained in infection control and important of correct data collection and reporting.
- 6 Medical doctors trained on instrumental delivery and management obstetric complication.
- Launched cervical cancer screening programme in Trongsa Dzongkhag and all health workers trained on Pap smear technique.
- Bi-annual MMR Committee review meeting conducted and suggestion and recommendation for improvement feed back provided to individual dzongkhag.
- Trained 350 women volunteers under Paro and Sarpang Dzongkhags on Safe Motherhood and reproductive Health.
- Trained 50 Village Health Workers under Samtse dzongkhag on reproductive Health and Safe Motherhood.
- Trained 2 doctors from Wangdue Dzongkhag on Non Scapal vasectomy technique

**Training outside country:**

- Training of two-lab technician in Bombay for six months in cytology
- 1 Gynaecologist in Colposcopy for six month in Bangkok
- Training of two doctors in EmOc management in Dhaka for 1 year
- 4 OT nurses in OT management in Dhaka for 4 months are on going
- Training of 4 Nurses in giving Anesthesia in Bangkok for 13 months.

## **Development and printing:**

- Developed training guidelines on Infertility, Post abortion care management, IUD insertion and also development the tools for the need assessment to be carried out in health facilities.
- Five Danger signs of pregnancy printed in poster and leaflets printed and distributed in selected districts for awareness campaigns.
- Cervical cancer leaflets printed and distributed to facilities where service is available.
- Printing of Menstrual health book, Safe motherhood information kits, Safe home delivery kits were printed and distributed to all the Dzongkhags.
- Handbook on management of complication during pregnancy and childbirth (IMPAC) procured and distributed to all dzongkhags as reference book.

## **Current Situation:**

The information in this section is compiled from report received from Dzongkhags. Some information, not available in routine reports are included from Reproductive Health Unit & laboratory, records of JDWNRH Hospital Thimphu.

## **Family Planning**

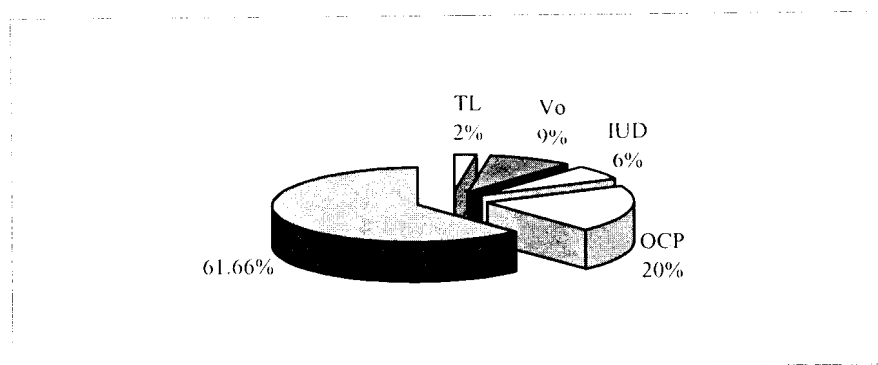
### **Contraceptive use:**

The Family planning achievement for the year 2002 is not possible to be compared with the previous trends of achievements because of implementation of strengthened HMIS from April 2002. However the following conclusion can be made based on the report for the year 2002 (figure 1).

- DMPA (Injectable contraceptive) is the most commonly used methods of contraception in the country, followed by Oral Contraceptive( 20.12%) and Male sterilization ( 9.39%).
- The current user figure for all methods are reliable because of the following reasons.
  - In many report it is the aggregate of yearly current users.
  - Source of information, client record in Tickler filing system is not practised in many of the centres.
- The users of IUD among the renewable method still remain low ( 6.35%).
- The discontinuation rate among the current users are highest for DMPA and Oral Contraceptive (4.5% for DMPA and OCP), it is 1.2 % for IUD users.

**Figure 1 : New Contraceptive users for the year 2002.**

Methods	Total	Rate %
Tubectomy	320	2.44%
Vasectomy	1230	9.39%
IUD	836	6.38%
OCP	2636	20.12%
DMPA	8077	61.66%
<b>All methods</b>	<b>13099</b>	



**Duration of use and common causes of discontinuation of renewable contraceptive methods:**

The time of discontinuation of different renewable methods and causes are shown in figure 11- DMPA, 111 IUD, 1V OCP. One-year continuation rate is higher in IUD than DMPA and OCP (figure 11, 111 and 1V are from RHU, JDWNRH for the year 2002).

**a. Injection DMPA:**

**Figure II: Duration of use before discontinuation:**

Duration of use	No. discontinued	Percentage
Upto 1 year	43	46.23
More than 1 year	53	53.7
<b>Total</b>	<b>93</b>	

**Causes of discontinuation:-**

Change to other method-	33	Husband divorced/separated -	4
Pregnancy-	3	Pap smear CIN I -	1
Others-	10	Unknown -	3
Husband divorced/separated-	4	Pregnancy-	3
Pap smear CIN I-	1	Others -	10
Unknown-	3	Wants another child -	14
P/v bleeding-	12	Weight gain -	7
High BP-	5		

**b. Intra- Uterine Contraceptive Device:-****Figure III: Duration of use before discontinuation**

Duration of use	No. discontinued	Percentage
Up to 1 year	54	24%
More than 1 year	169	75.11%
Unknown	2	0.8%
Total	225	

**Causes of discontinuation:-**

Pain abdomen	- 62	Wants another child	- 48
Menopause	- 18	Backache	- 16
P/V Bleeding	- 15	Husband abroad/divorced	- 11
Husband vasectomised	- 8	Missing thread	- 7
Wants another method	- 6	Partially out	- 7
Husband expired	- 2	Spontaneous expulsion-	2
Hysterectomy	- 2	Pregnancy	- 4
Cervical erosion/polyp	- 3	Abnormal pap smear	- 2
Others	- 8		

**c. Oral Contraceptive Pills:-****Figure IV : Duration of use before discontinuation**

Duration of use	No. discontinued	Percentage
Less than 1 year	15	65.21%
More than 1 year	8	34.78%
Total	23	

**Causes of discontinuation:**

Change to other method-	6	Forget to take-	4
Wants another child-	3	Generalized weakness-	3
Husband vasectomised-	2	Spotting/Bleeding-	2
Pregnant-	1	TAH done-	1
High B.P-	1		

### **c. Oral Contraceptive Pills:-**

**Figure IV : Duration of use before discontinuation**

<b>Duration of use</b>	<b>No. discontinued</b>	<b>Percentage</b>
Less than 1 year	15	65.21%
More than 1 year	8	34.78%
Total	23	

#### **Causes of discontinuation:**

Change to other method-	6	Forget to take-	4
Wants another child-	3	Generalized weakness-	3
Husband vasectomised-	2	Spotting/Bleeding-	2
Pregnant-	1	TAH done-	1
High B.P-	1		

#### **Maternal Care:**

##### **A. Antenatal Care:**

The total new ANC attendance for the year shows a slight drop from the year 2001 (13910 Registered to 10594 registered) but there is an increase in the total repeat attendance. However, both types of attendance decreased in 2002. The reason may probably be due to revision of HMIS and change in reporting protocol.

**Figure V : Antenatal Care & Postnatal Care**

<b>Type of attendance</b>	<b>ANC</b>		<b>PNC</b>	
	<b>2001</b>	<b>2002</b>	<b>2001</b>	<b>2002</b>
Total attendance	13910	10594	9832	6923
Total repeat attendance	33441	39451	11536	10709
Average no. of visit (no. of times)	2.40	3.7	1.17	1.5

The following can be concluded from the report received during the year 2002.

- Only 34% of expected pregnant mothers are attending ANC at least once during their recent pregnancy.
- Considerable increase in number of times visit by each women (4 women).
- Anemia, PIH and abortion and its complication are the commonest problems encountered during pregnancy. (Figure VII)

**B. Intranatal Care:**

- 6257 deliveries were attended during the year 2002 (29% of expected deliveries).
- 2.46% of births are stillbirth and 6.36% of babies birth weight is lower than average (2.5kg).
- Retained Placenta, Post partum Hemorrhage and prolonged labour at the commonest complication encountered.

**Figure VI : Attended Deliveries and outcome 2001 & 2002.**

	2001	2002
Total attended deliveries	-	6256
Normal deliveries	6028	6580
Still birth	97	154
Birth weight (<2.5kg)		

**Figure VII : Complication during pregnancy**

Type of Complication	2001		2002	
	Total	%	Total	%
Abortion	125	5.4%	311	12.06
A.P.H	18%	0.8%	56	2.17
P.I.H	102	4.5%	100	3.8
Anaemia	1983	88.2%	2101	81.5
Hepatitis	1	0.1%	-	-
Malaria	6	0.3%	-	-
Others	17	0.8%	9	0.34
<b>Total</b>	<b>2249</b>	<b>100%</b>	<b>2577</b>	<b>-</b>

**Figure VIII : Complication during labour/deliveries**

Complication	2001		2002	
	Total	%	Total	%
Obstructed labour	41	17.6	100	12.7
Mal presentation	59	25.43	130	16.6
Prolonged labour/ruptured uterus	2	0.86	152	19.4
PPH	49	21 ½	113	14.3
Retained Placenta	81	34.9	288	36.78
<b>Total</b>	<b>232</b>	<b>-</b>	<b>783</b>	<b>-</b>

### C. Post Natal Care :

In the year 2002, 6923 women attended Post natal clinic at least once during the post natal period ( up to 6 weeks after delivery) the average No. of post natal visit is times/ women ( figure V)

- Puerperal sepsis was diagnosed in 53 mothers and 51 women had other complication like, Breast complication, wound complication etc.

### Child Health Care.

**Figure IX : Clinic Attendance and Nutritional status 2001 & 2002**

Year	Nutritional Status							
	Infant		Children 1-5 yrs		Malnutrition			
	New	Old	New	Old	Normal	Gr. I	Gr. II	Gr.III
2001	15184	75085	592	32126	27068	2261	1746	185
2002	13809	68803	1128	35920	86746 (92.2%)	5813 (6.2%)	1229 (1.3%)	281 (0.3%)

Some decrease is observed in both New and Old Child clinic attendance and increase in under 5 new and repeat attendance. Some amount of deviation is probably because of new recording and reporting system.

In an average a child is attending clinic 5 times before his/her first birthday. No significant change in Nutritional status of children weighed.



**Cervical Cancer Screening and Prevention**  
**Figure X: Yearly Cervical Cytology, JDWNRH, 2002**

Month	Normal	Inflammation																	
		Non-Specific In	Specific					Follicular cervicitis	Leptothrix	Atrophic cervi	ASCUS	AGUS	LSIL HPV	LSIL CIN I	HSIL CIN II	HSIL CIN III	SCC	Unsatisfactory	TOTAL
			BV	TV	Candida	Yeast	Herpes												
Jan	88	35	18	13	0	0	1	0	0	3	0	1	0	3	1	1	0	34	198
Feb	96	62	12	13	0	0	0	0	1	6	0	0	0	6	3	0	0	22	221
Mar	187	126	18	19	0	0	0	0	0	16	5	3	0	19	8	0	0	55	456
Apr	277	128	19	22	0	0	1	0	0	16	2	2	0	8	0	6	0	56	537
May	136	61	15	6	1	0	0	0	1	7	0	2	0	4	4	3	0	27	267
June	114	78	3	7	0	0	0	0	1	9	0	1	0	3	3	0	0	30	249
July	189	85	8	16	0	0	0	0	0	10	1	2	0	6	2	0	0	55	374
Aug	214	109	13	24	0	0	0	0	0	9	2	2	0	6	4	0	0	45	428
Sep	116	70	2	9	0	0	0	0	0	4	0	1	0	3	3	0	0	22	230
Oct	140	61	3	2	0	0	0	0	0	9	0	1	0	1	1	0	0	22	240
Nov	92	50	3	11	0	0	0	0	0	7	1	0	0	1	0	0	0	7	172
Dec	65	28	3	8	0	0	0	0	0	3	0	0	0	1	0	0	0	13	121
Total	1714	893	117	150	1	0	2	0	3	99	11	15	0	61	29	10	0	388	3493

Total smear screened : 3493 slides

Total patient : 2970

**Keys:**

1. BV : Bacteria Vaginosis
2. TV : Trichomonas vaginalis
3. LSIL : Lowgrade Squamas Intraepithilial lesion
4. HSIL : High grade Squamous Intrephitlial Lesion
5. S.CC : Squamous Cell carcinoma
6. ASUS : Atypical Squamous Ephithealial cells of undertermined Significant
7. AGUS : Atypical glandular cells of undertiminded Significance.

**Figure XI : Yearly Cervical Cytology – other hospitals 2002**

Hospital	Normal	Inflammation																	TOTAL
		Non Specific Inf.	Specific					Follicular Cervicitis	Lepto thrux	Atrophic cervicitis	ASCUS	AGUS	LSIL HPV	LSIL CIN I	HSIL CIN II	HSIL CIN III	SCC	Unsatisfactory.	
			BV	TV	Candida	Yeast	Herpes												
Paro	505	383	24	30	0	1	0	0	0	10	3	5	9	10	7	6	0	248	1241
Punakha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
Yebilaptsa	10	11	2	1	0	1	0	0	0	1	0	0	0	2	3	0	0	8	39
Bumthang	9	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Gaylephu	12	5	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	16	35
Trashigang	11	8	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	23
Total	547	417	27	31	0	2	0	0	0	11	4	5	9	13	10	7	0	279	1362

In the year 2002 a total of 4855 smear were examined. Majority of the smear are collected at JDWNRH. In the year 2757 women screened for Cervical Cancer at JDWNRH 168 ( 6%) women were 20 years or less, 1296 ( 47%) women between 21 to 30 years and 1293 (47%) were 31 years of age or more. In 40% of women smear was repeated 2-3 times ( Figure XII & XIII).

Inflammation and Non specific and due to Bacetrial vaginosis and Trichomonal vaginitis infection are frequently reported. Human papiloma Virus infection ( HPV) of various severity are reported in 2.8 % of smear examined. 14% of the smears collected are unsatisfactory for examination.

**a. Figure XII : Age wise number of women screened by pap smear**

Age of the women in years	No. of smear	Percentage
Upto 20 years	168	6.09
21-30 years	1296	47
31 and above	1293	46.89
Total	2757	-

**a. Figure XIII      No. of times Pap smear done by individual women**

Time	No. of women	Percentage
1 <sup>st</sup> Time	1579	60.3
2 Times	605	23.10
3 Time and more	434	16.57
Total	2618	-

**Report on investigated Maternal Death June 2001 to July 2002.**

**Introduction:**

Over the years Maternal Health has received significant emphasis from the Royal Government of Bhutan as evidenced by reduction in maternal Mortality ratio from 770/1000,000 live birth to 255/100,000 live birth in the year 2000, adequate access to primary Health Care and equitable regional distribution of EmOC services.

At the current rate approximately 40 – 60 maternal deaths are expected in a year. This is the commonest cause of deaths among the women of reproductive age. Taking into account the adequate access and equitable distribution of EmOC facilities this rate is very high. We are into darkness about the underlying factor /factors, which are contributing to the high incidence of deaths.

Therefore, Maternal Deaths Investigation was revitalized since June 2001 through out the Country The objectives of the Maternal Deaths Investigation are:

1. To know the cause and factor of Maternal Deaths
2. Prevent avoidable Maternal Deaths by instituting timely appropriate remedial measures.

Following the Annual Health Conference of 2001, maternal Mortality Committee was formed, which is chaired by the Joint Director, Public Health Division. Also the protocol for Maternal Deaths investigation was developed and distributed to the dzongkhag.

In the year 2001 the committee has received 14 investigated maternal deaths report from the Dzongkhags, all the cases were reviewed in the first Maternal Mortality Committee meeting held on 10/2/2002. The second meeting for the Maternal Mortality committee was held on 26<sup>th</sup> of August 2002 and received 21 cases investigated so far.

**a. Dzongkhag wise reported and investigated Maternal Deaths:**

Through monthly home visit report. 21 Maternal Deaths were reported for the year 2001. However, it is not clear, whether these 21 deaths occurred in the year 2000 or 2001 because the home visit in majority of dzongkhgas are carried out in the beginning of the year. Also , since the activity was implemented from June 2001, some of the earlier deaths were probably not investigated. All the 7 (seven) hospital Maternal Deaths are reported from JDWNRH hospital from January to December 2001. there were no report of Maternal Deaths in other hospital of the Country.

**Table 1: Dzongkhag wise reported and investigated maternal Death from 2001 to July 2002.**

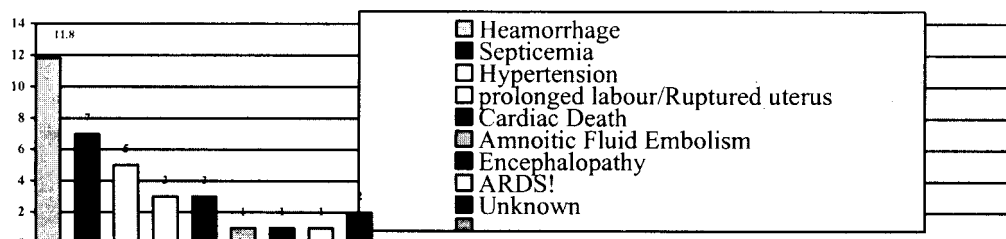
Dzongkhag	Maternal deaths		Investigated Maternal Deaths					
	2001	2002	Home		Hospital		Total	
			2001	2002	2001	2002	2001	2002
Bumthang	3	0	0	2	0	0	0	2
Chukha	0	1	0	0	0	0	0	1
Dagana	0	0	0	0	0	0	0	0
Gasa	2	0	1	0	0	0	1	0
Haa	0	0	0	0	0	0	0	0
Lhuntshi	1	0	0	0	0	0	0	0
Monggar	1	1	0	0	0	3	0	3
Paro	1	1	1	1	0	0	1	1
Pemagatshel	0	0	0	0	0	0	0	0
Punakha	2	0	0	2	0	0	0	2
Samdrupjonkhar	3	0	0	0	0	0	0	0
Samtse	1	1	1	2	0	0	1	2
Sarpang	1	0	1	0	0	0	1	0
Thimphu	0	1	0	1	7	2	7	3
Trashigang	2	2	0	3	0	1	0	4
Trongsa	0	0	0	1	0	0	0	1
Tsirang	2	0	0	0	0	0	0	0
Wangdue	1	0	0	1	0	2	0	3
Trashiyangsthi	0	0	1	0	0	0	1	0
Zhemgang	1	0	2	0	0	0	2	0
	21	7	7	13	7	8	14	21

In the Year 2002, though only 7 maternal deaths were reported through routine report, the committee has received 21 (13 home and 8<sup>th</sup> hospital) investigation report and reviewed.

**b. Major causes of Maternal Deaths:**

The figure below shows the major causes of maternal deaths as identified by the Maternal Mortality Committee. The specific cause of deaths and place of delivery as showed in Figure 1 and table 2.

**Figure 1. Major Causes of Maternal Deaths:**



**Table II: Causes of Deaths and places of Delivery:**

Causes	Home	Hospital	During transport
Unknown	1	1	-
Septicemia	1	4	-
PPH with retained placenta	1	1	2
PPH	2	-	-
RHD with Thromboembolism	1	1	-
Cerebro vascular Accident	-	1	-
Ruptured uterus	1	-	-
Severe PIH ( ECL)	2	-	-
Incomplete abortion with septicemia	-	2	-
Post partum Eclampsia	-	1	-
Severe PP HTN with left ventricular failure	-	1	-
Amniotic Fluid Embolism	1	-	-
Prolonged Obstructed labour	2	-	-
Encephalopathy	-	1	-
ARDS	-	1	-
Peri partum Cardiomyopathy	-	1	-
Total	18	15	2

**1. Haemorrhage:**

There were 2 Maternal Deaths because of Hemorrhage after delivery of the baby. No deaths reported because of Hemorrhage during pregnancy. All but 1 deaths were at home or during transportation to hospital.

**2. Septicemia:**

There were 5 maternal deaths due to Puerperal sepsis. Only one of the puerperal deaths has taken place at home. Two women died at hospital due to Septicemia following incomplete abortion.

**3. Hypertension:**

Five maternal deaths resulted from complication of HTN during pregnancy. Three deaths because of Eclampsia ( Ante partum 2 and post partum 1 ) There were one death due to Cerebro vascular Accident ( CVA ) with Hypertension and one because of left ventricular failure due to severe post partum hypertension . Three of the deaths have taken place in hospital.

**4. Prolonged labour/ Ruptured Uterus:**

One of the three deaths due to prolonged labour had ruptured uterus. All these deaths took place at home.

**5. Cardiac deaths:**

Out of 3 cardiac deaths 2 women were known case of RHD and had replacement Surgery done. One woman died of Post Partum Cardiomyopathy.

**6. Amniotic Fluid Embolism:**

A 40 years old married women in her 5th pregnancy had uneventful pregnancy and delivery, she died 4 hours after a normal delivery following pain in the right upper chest at home.

**7. Encephalopathy ( Viral ) with multi organ failure**

A 27 years old married Government Servant working in a remote BHU died at hospital on 22/6/2001 before delivery. She was about 32 weeks pregnant, she developed coma following short history of Fever and retention of urine. This was her 3<sup>rd</sup> pregnancy.

**8. Acute Respiratory Depression Syndrome (ARDS) :**

A 19 years old married lady died following 2 months history of Amenorrhoea . She was diagnosed as a case of Massive Hydatiform Mole. She died 2 days after suction Evacuation done on 16/3/2001. In two of the deaths the cause of the deaths could not be determined as information provided were incomplet.

**c. Delivery of Care:**

Majority (57%) of the deaths has taken place at home or while traveling to health facility. In two instances Health Workers attended the delivery at home.

### 1. Antenatal Care

Seventeen women ( 50% ) availed Antenatal care during the current pregnancy. The frequency and the time of attending clinic is not uniform. Majority of the attending women attended clinic once or twice only. Usually first attendance is towards the latter part of the pregnancy. The place of Antenatal care is either at facility clinic or at ORC ( Out Reach Clinic).

### 2. Place of delivery:

Seven women died before termination of the current pregnancy or perished by abortion or molar pregnancy.

Nineteen ( 68%) of the 28 deliveries had taken place at home, two of these deliveries were attended by Health workers at home. Rest 8 deliveries had taken place at hospital.

### 3. Type of Delivery:

Out of 28 post partum deaths 2 women died following Caesarian Section and 1 woman following Assisted vaginal delivery (Forceps). Rest of the women had unassisted vaginal delivery.

### d. Risk factor for maternal death:

#### 1. Age :

Maternal death is closely related to age. Specific death in different age group is shown in the following table. A maximum of 21 deaths were recorded in age group 20 – 30 years of age. This is probably because of higher No. of maternities in this age group. Four deaths reported among women of age group 19 or below, looks small, probably because of relatively small no. of maternities in this age group. One death was reported at the age of 45 years.

**Table 111: Age and Parity of the reported Maternal Deaths:**

Parity of women	No. of deaths in the age group			
	<19yrs	20 – 30yrs	31 & above	Total
0 or 1	3	6	0	9
2 – 3	1	13	4	17
4 and above	0	2	6	8
Unknown	0	1	0	1
	4	21	10	35

**2. Parity:**

Maternal death is also closely related to No. of pregnancies. In the reported period 25 deaths were observed in Multiparous women, 9 deaths were in women who were pregnant for the first time, in one women past obstetrical history was not available

**3. Occupation:**

Occupation of the women was not known in 19 cases. Of the remaining 16 deaths, 14 women were housewives and 2 were government servant. This information is usually absent in home deaths.

**4. Access to care:**

Physical easy access to appropriate facility has direct relationship with maternal deaths. Table 1V, below shows the time taken to reach the nearest health facility and the No. of maternal deaths. In 8 cases this information was not available. 7 deaths have taken place within 2 hours travelling distance.

**Table 1V: Showing travelling distance to the nearest health facility and No. of maternal deaths.**

<b>Walking distance</b>	<b><i>No. of women</i></b>
2 – 4 hours walking distance	12
5 – 11 hours walking distance	2
More than 12hours walking distance	5
Less than 2 hours walking distance	7
Unknown	9

**5. Marital status:**

Out of 35 maternal deaths, the marital status of 1 woman was not known, 2 women were not married and the rest 32 women were currently married.

**6. Multiple pregnancies:**

Multi pregnancy was reported in only one case, she was delivered by elective Caesarean section. She also had accompanying hypertension.

**e. Comments:**

- Some women are still reluctant to attend ANC and to have birth attended by trained personnel
- Antenatal coverage still remains low in majority of BHUs where access is difficult.
- Monthly schedules of clinics as practiced in majority of BHUs and out reach clinics (ORC) cannot provide adequate quality Antenatal care particularly to women who need more frequent monitoring.



- Because of reasons the committee is not aware quality of Antenatal services is not uniform. In majority of Antenatal cards the committee observed incomplete Antenatal services (incomplete history, routine investigation and routine examination)
- Appropriate management of complication including timely referral is not uniformly practiced because of lack of skills and knowledge of other reasons.
- Negative Responds to emergency calls from household has been encountered in one occasion.
- Guidelines on management of critically ill pregnant /in labour women, pregnancies with chronic Medical conditions are not available.
- Labour rooms/selected wards particularly in tertiary level facilities are not well equipped or not enough to manage critically ill women.

**e. Recommendations:**

- Strengthened IEC and advocacy on Antenatal care/ trained birth attendance, risk factors identification.
- To develop/ review local plan to reach the un reach and for frequently access to women who need close monitoring.
- Supervisor of the facilities from district level ( DMO/DHSO) to be strengthened to improve the quality of Antenatal and intra natal services.
- To improve the skills of Health Workers who are responsible for EmOC refresher training needs to be arranged particulate those categories of health workers who never has attended such training before (per services/ in services)
- Guidelines for management of critically ill pregnant. In labour women, pregnant women with chronic illness needs to be developed. In general, all women in labour, with critical Heart conditions should be attended by Obstetrician, Medical Specialist and Anaesthesiologist.
- Health Personnel in tertiary facilities should have refresher training on management of critical ill pregnant /in labour women.
- First level intensive care facilities should be made available to all labour rooms selected wards( Obs/Gyne, Medical) in tertiary facilities.

## **Expanded Programme on Immunization (EPI)**

### **Background:**

The EPI was launched in the country on 15<sup>th</sup> November 1979 coinciding with International Year of Child with an objective of reducing the six vaccine preventable diseases.

### **Goals for 9<sup>th</sup> Five Year Plan:**

The goal of the EPI programme is to reduce the seven vaccine preventable diseases to a level at which they are no longer a public health problem by maximising opportunity, minimising risk and increasing acceptability and reaching of immunization programme in un-reached areas.

### **The objectives of programme are:**

- To sustain EPI coverage for all seven antigens at or above 90 percent for all children under one year.
- To eradicate poliomyelitis by 2005.
- To eliminate maternal and neonatal tetanus by 2005.
- Reduction of measles cases.
- To develop sustainability of EPI programme through capacity building.

### **Strategies:**

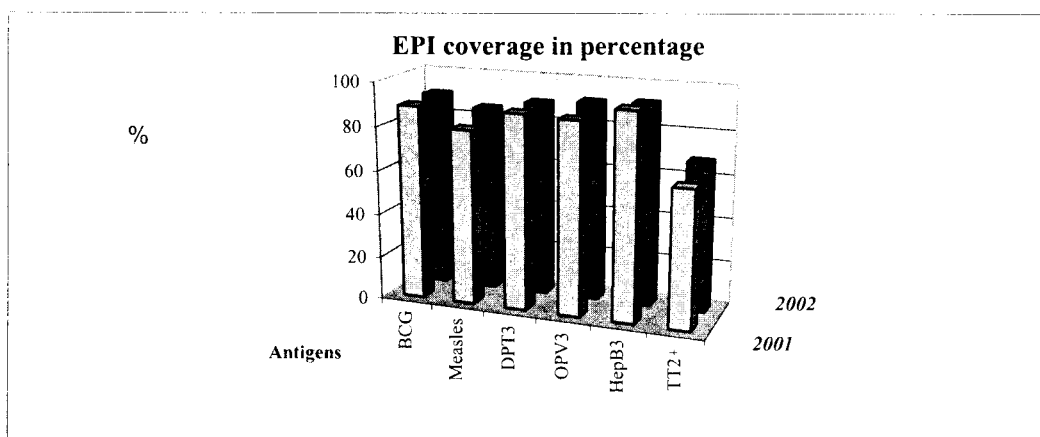
- Reaching the unreached and low coverage group to achieve universal access, while consolidating gains made in the past.
- Ensuring quality and vaccination safety.
- Provision of required vaccines and vaccination supplies
- Establishing and strengthening surveillance for EPI diseases.
- National capacity development for ensuring sustainability.

### **Programme Status:**

- Programme unit under PHD along with CDD & ARI
- 3 Regional centres decentralized to Dzongkhags – NMCP at Gaylephu, DVED in Thimphu & Samdrub Jongkhar in Mongar.
- Immunization coverage maintained above 80 % under one year of age.
- There are now 7 antigens under the EPI programme.
- Bhutan National EPI Coverage Evaluation Survey and EPI review conducted.
- Training of trainers for EPI mid level management was conducted in collaboration with WHO at Gelephu and a total of 20 participants among DMOs/DHSOs & programme personnel were trained.

### EPI coverage in percentage, 2002

District	Percent coverage					
	BCG	Measles	DPT3	OPV3	HepB3	TT2+
Bumthang	89	87	93	94	93	58
Chhukha	77	90	97	97	99	61
Daga	79	93	91	89	91	47
Gasa	92	80	85	78	85	35
Haa	88	80	97	97	95	45
Lhuntse	94	91	91	91	91	64
Mongar	89	82	89	91	91	61
Paro	98	89	88	98	95	70
Pemagatshel	89	85	94	94	94	54
Punakha	96	89	94	94	95	89
Samtse	94	90	81	92	93	80
S'Jongkhar	93	82	87	90	90	51
Sarpang	87	78	89	90	91	73
Thimphu	100	77	82	85	88	81
Trashigang	89	87	90	90	91	70
Yangtse	80	70	99	71	74	38
Trongsa	81	92	92	98	93	75
Tsirang	94	88	90	89	96	68
W'Phodrang	89	99	96	99	97	74
Zhemgang	96	83	87	84	86	79
Total	90	85	89	91	92	68



## **Sub-national immunization day (SNID), 2002**

With the 1<sup>st</sup> round of Sub-national immunization day (SNID) carried out on 9<sup>th</sup> Nov. 2002 and second round on 14<sup>th</sup> December 2002, Bhutan is in the 7<sup>th</sup> consecutive year of its campaign against polio eradication. While Bhutan has not seen a single case of polio since 1986, it is still very crucial that we carry out the Sub- national immunization campaigns since we are still at risk of importation from our neighbouring countries. The immunization campaign is carried out based on the reviews conducted annually by the national Technical Committee. In line with the recommendation of WHO. Bhutan targets for under 5 years population in the 6 southern and the high-risk population in the remaining 14 Dzongkhags.

1. The first round of SNID was targeted for 36,934 of which 36,461 were immunized including 488 non resident children.
2. The 2<sup>nd</sup> round SNID target population was 37,665 and 37,462 were immunized including 242 non resident children. The SNID supervision and monitoring were carried jointly by the Health Department, WHO, UNICEF, including National Certificate Committee for Poliomyelitis Eradication members (NCCPE) and other relevant sectors to ensure that maximum number of all children are immunized with quality vaccines.

## **AFP Surveillance**

Bhutan is a non-endemic country for poliomyelitis. The last case of clinically compatible case of poliomyelitis was detected in 1986. But due to its porous border with an endemic country, India, the risk of importation of poliovirus is always there. Thus, in order to control measure, acute flaccid paralysis (AFP) surveillance was initiated in 1997.

Since 1997, 14 cases of AFP were detected, investigated and classified virologically. No case of poliomyelitis detected so far. However, there always exist chances for some cases of AFP left unreported. Qualified medical professionals are identified for surveillance to perform the surveillance on a quarterly basis.

During 2002 no AFP case was reported but the regular active surveillance picked up one unreported case of AFP from Tshimalakha hospital. The contacts and the case were investigated, stools was found virologically negative, no residual paralysis at the 60 day follow up and discarded as GB syndrome by the expert committee for polio eradication.

## Nutrition Program: Brief status of its implementation

### **I: Background**

Nutrition per se cannot be viewed in isolation. Nor can intervention be solely thought of as the mere reduction of malnutrition. Reduction in poverty and the improvement of the nutritional status of the people of any country must depend on an intricate interplay of policies on health and welfare, promotion and regulation in the areas of trade and agriculture. Within this context, the national Nutrition Programme was established in 1985 to reduce and prevent protein energy malnutrition (PEM) and micronutrient deficiencies particularly iodine, vitamin A and iron. Primarily targeting the vulnerable groups such as under five, pregnant and lactating women.

Nutrition interventions were built on strategies endorsed by the International Conference on Nutrition (ICN) and the UNICEF Nutrition Strategy (1990). To fulfill the nutrition goal of the National Plan of action (NPA) and to reduce levels of moderate and severe malnutrition by half, program activities will link with other programs to promote adequate household food security, accessible health services, a healthy environment and proper childcare. Food based approach will continue to be the long-term strategy to control and prevent micronutrient deficiencies. As short term measure the vitamin A and iron folic supplementation will continue with social mobilization and communication supporting the strategy.

### **II. Over all goal**

To ensure physical and mental development through adequate nutrition, prevent disability or premature death from diet related chronic disease, and ensure the progression of the Bhutanese population from healthy childhood to productive adulthood, and further on into healthy old age

### **III. 9<sup>th</sup> Five Year Plan Objectives (2002–2007)**

- To reduce the prevalence of protein energy malnutrition in under five children by one third of the year 1999 status.
- To determine the food consumption habits and dietary pattern of the Bhutanese population.
- To develop a food based dietary guideline for the school children and guidelines for the hospital inpatients requiring dietetic prescriptions.
- To virtually eliminate iodine deficiencies disorders and sustain the achievements made with regular salt monitoring at critical points.
- To eliminate vitamin A deficiency (VAD).
- To reduce iron deficiency anemia (IDA) among pregnant women, children under five and adolescent girls.

#### ***IV. Programme Strategy***

Nutrition interventions will build on strategies endorsed by the International Conference on Nutrition (ICN) and the UNICEF Nutrition Strategy (1990). To fulfill the nutrition goal of the NPA and to reduce levels of moderate and severe malnutrition by half by the year 2000, project activities will link with other programmes to promote adequate household food security, accessible health services, a healthy environment and proper child care.

Malnutrition and infectious diseases together, and synergistically, determine infant and child mortality. Mild and moderate malnutrition contributes more to child mortality than severe malnutrition. The project will therefore focus on reducing malnutrition as a means of improving child survival. The strategy adopted by the project is founded on a conceptual framework that has been extensively used to illustrate the causes of malnutrition. The framework indicates that malnutrition has three levels of causes: (1) immediate causes - inadequate food intake and illness, (2) underlying causes - access of households to food, access to health services, and care for children and women and (3) basic causes - social, economic, political and cultural factors. Strategies to prevent and control malnutrition must simultaneously address the underlying, immediate and basic causes. In Bhutan, many of the immediate causes of child malnutrition are being effectively addressed through health service delivery. Yet, the underlying and basic causes of malnutrition must be addressed with more emphasis.

The lack of good childcare practices is recognized as an underlying cause of malnutrition. Childcare is an important condition for improving the nutritional status of young children. Child rearing, breast-feeding, complementary feeding, cleanliness, personal hygiene.

Food based approach will continue to be the long-term strategy to control and prevent micronutrient deficiencies. As a short term measure the vitamin A and iron folic supplementation will continue.

#### **V. Programme component:**

##### **Protein Energy Malnutrition**

- Dietary diversification
- Child feeding and care practices
- Growth Monitoring
- Community-Based Nutrition Initiative
- Nutrition Rehabilitation

## Micronutrient Deficiency

- Iron Deficiency Anemia Control Program
- Iodine Deficiency Disorder Control Program
- Vitamin A Deficiency Control Program
- Food fortification and vitamin supplementation program

## VI. Program Status and milestones

Several nutrition and micronutrient deficiency studies have been conducted over the past decade. In 1999 the national anthropometric study was conducted, which included 3000 under five children from 30 randomly selected blocks. The results of the study indicate marked improvement in the nutritional status of the under five children as compared to the 1989 national nutrition survey (refer table 1)

**Table 1: Percentage of under five children who are underweight, stunted and wasted.**

<i><b>Year</b></i>	<i><b>1988</b></i>	<i><b>1999</b></i>
Weight for age (under weight)	38	17
Height for age (Stunted)	56	40
Weight for height (wasted)	4.1	2.6

The prevalence of stunting is still high despite the fact that overall nutritional status of the children has improved. This may be an indication that still a considerable number of children are experiencing a long-term malnutrition, possibly related to infection, care and inadequate food both in terms of quality and quantity at the household level. Honourable Minister for Health and Education launched the National Breast-feeding Policy in September 2003 and the SAARC Code on breast feeding is scheduled for ratification in 2003 national assembly.

Micronutrient deficiencies like of iodine deficiency disorder has been declared eliminated based on independent external evaluation report conducted in January 2003. Vitamin A is no longer a public health problem. However, iron deficiency is still a major public health problem with prevalence of approximately 60 % among the pregnant women. Program has conducted a nation wide assessment of the mother, children (9-36 months) and father of their hemoglobin concentration using HemoCue in 2002. Descriptive analysis is completed and program is now in process of doing the statistical analysis and cross tabulations.

**Table 1: Comparative summary of selected indicators of nutritional status**

Indicator	Bhutan: 1980s		Bhutan: 1990s		Thailand <sup>1</sup> 1990s	SE Asia <sup>2</sup> 1990s
	Year	%	Year	%	%	%
Low Birth Weight	-	-	1998	13.5	7.2	23
Underweight (Weight-for-Age)	1988	37.9	1999	18.7	18	38.7
Stunting (Height-for-Age)	1988	56.1	1999	40	16	40
Total Goiter Rate	1983	64.5	1996	14	4.3	24.2
Iodized Salt Coverage (> 15ppm)	1983	-	1996	82	-	-
Vitamin A Deficiency (sub-clinical)	1985	14	1999	2.6	-	-
Iron Deficiency Anemia (pregnant women)	1985	60	-	60	13.4	60

<sup>1</sup> Nutrition in South-East Asia, WHO Regional Office for South-East Asia, 2000

<sup>2</sup> Ibid. Simple averages of individual country figures have been used – weighting by population was not done.



## **ARI Control Programme**

### **Background:**

ARI Control Activity was first launched in 1986 after the introduction of Mid-Level Management Course on EPI, ARI & CDD at the then NIFH, Gayleyphug. However, there was no Program Manager/ Program Officer identified for coordinating the activities. Considering the high ARI morbidity (27%), the Health Department gave priority to ARI control activity, and therefore, in November 1992, Programme Manager for ARI Control Activity was appointed.

A booklet titled “ARI IN CHILDREN” on management and control of ARI based on WHO Standard Case Management protocol was developed in 1993. The peripheral health workers were then given short in-service training on ARI case management in Hospitals and BHUs. The activities were carried out by the Dzongkhag health staff as routine health care services in their respective districts, the technical back up and support in terms of training, supplies and resource mobilization was, however, done by the central program.

In addition to the development of Trainers’ Guide Book on ARI case management at community level, the Programme revised the ARI booklet in 2000. Programme also developed ARI flip chart, pamphlet, audiocassette and videocassette both in English and Dzongkha versions with the help of UNICEF and IECH Division.

### **Programme Policy for 9FYP:**

#### **Goals and Objective:**

- To manage all cases of ARI (pneumonia)
- To reduce ARI morbidity/mortality at the manageable level by the end of 9FYP.

#### **Indicators:**

1. To reduce ARI morbidity/mortality by the end of 9FYP from:
  - 5.76 to <5 % at the BHU level.
  - 11.40 to < 10 % at the hospital level.
2. To reduce < 5 death due to ARI (pneumonia) by the end of 9FYP from:
  - 21% to < 10 % at all health facilities.

#### **Strategies:**

1. Strengthening capacity building to improve the skills of HWs.
2. Strengthening supplies, drugs and equipments.
3. Enhance IEC activity & Community participation to create awareness.

Present status.

ARI rank as highest in terms of morbidity/mortality in the country. However, pneumonia caseload seems to be reducing but deaths are being under reported.

**i. ARI Morbidity report from BHUs in %**

	1997	1998	1999	2000	2001	2002
Cough and Cold	24.48	23.50	24.29	23.66	21.56	27.44
Pneumonia	2.84	2.30	2.22	2.01	1.68	1.44

**ii. ARI Morbidity report from Hospitals in %**

	1997	1998	1999	2000	2001	2002
Cough and Cold	14.96	14.02	15.65	16.16	14.92	20.66
Pneumonia	6.17	6.83	7.63	6.95	6.90	0.90

**iii. Under 5 ARI Morbidity reported from BHUs in %**

	1997	1998	1999	2000	2001	2002
Cough and Cold	24.48	23.50	24.29	23.66	21.56	17.8
Pneumonia	2.84	2.30	2.22	2.01	1.68	3.01

**iv. Under 5 ARI Morbidity reported from Hospitals in %**

	1997	1998	1999	2000	2001	2002
Cough and Cold	14.96	14.02	15.65	16.16	14.92	24.5
Pneumonia	6.17	6.83	7.63	6.95	6.90	2.7

**Milestones:**

ARI and CDD Programmes integrated since 2001 to be in line with the concept of IMCI

**Future directions:**

ARI/CCD/EPI Programme will be merged as one unit, under Communicable Disease. This program will follow the ICCD/IMCI strategy in Bhutan.

**Constraints:**

- Monitoring, supervision and follow up activities that are very strong aspects of IMCI is very difficult due to lack of manpower.
- Introduction of the IMCI concept is still premature and a full time technical focal person is required to guide the integrated programs at the central level. However, the program activities are fully integrated within general health services integrating ARI, CDD and EPI.

- The programme proposed to conduct research on ARI caseload and type as to track down the causes so that appropriate intervention could be identified. Technical assistant will be sought whenever required.

**Note:**

According to BHUs < 5 morbidity report, pneumonia cases seem to be under control. However, it needs further study to keep track of the trend of mortality as according to the national health survey report of 2000, 21 % of deaths are due to ARI, which is a very high contribution to IMR. The program's concern is for the prevention and management of ARI at the household level which to a great extent depend on the district health services.

**f) Trend of under 5 ARI morbidity report from Hospitals:**

**Note:**

According to < 5 hospital morbidity report, they are dealing with more pneumonia cases in the hospitals. That means people are more aware of ARI and referrals from the periphery seems to be increasing. However, program is more concerned for the prevention of pneumonia and mortality due to pneumonia.

## **National Control of Diarrhoeal Diseases Programme.**

### **1. Background:-**

The National Control of Diarrhoeal Diseases Program was initiated in 1982, because of the high morbidity & mortality due to diarrhoeal diseases in the country and the program became operational in 1984.

Diarrhoeal diseases still continue to be a major health problem affecting the survival of the children in the country, standing fourth in trend among the 10 commonest morbidity reported by the Hospitals & BHUs. It is evident that more effort has to be put into ensuring the continuation and effectiveness of public awareness and education campaign. This is necessary to complement the training for health workers, mothers, VHWs and communities as a whole on proper management of the diarrhoeal diseases. The provision of ORT, which needs to be, continued especially reaching the unreached population & urban residents where diarrhoeal diseases remain top causes of morbidity.

Though the Program in co-ordination with the Dzongkhag had put its effort to bring down the morbidity & mortality through training of health workers, mothers, VHWs on proper case management including promotion of proper feeding, sanitation & hygiene practices in the areas, the morbidity pattern still remains high which is a concern to the Program. However, the mortality due to diarrhoea has drastically reduced.

As a program intensification process Bhutan in coordination with WHO had adopted a new strategy i.e IMCI in 2000. With the introduction & exploration of new strategy IMCI (Integrated Management of Childhood Illness) the expected result would be to improve knowledge & skills of the health workers thereby reducing morbidity & mortality through proper case management of early childhood illnesses & early referral, resulting in the improved status of the children. So, far 88 health workers including medical officers as a training of trainers are trained in 11 day training from the identified early implementation districts & activities implementation in progress. The expansion of this new strategy to other districts will take place in the phased manner & identification of 4 dzongkhags during 2004 – 2005 WHO biennium is proposed.

IMCI being the new strategy in Bhutan a lot of activities has to be carried out to create awareness among health workers & the general population through IEC, training & various other means to achieve the set objectives of 9th Five year plan. With this new holistic approach strategy the program expect to observe further changes on reduction of morbidity & mortality due to childhood illnesses in future.

## **II. Cases of diarrhoea & dysentery reported from hospital & BHUs from 1998 – 2002.**

<b>Year</b>	<b>Diarrhoea cases &lt; 5 years</b>	<b>Diarrhoea cases &gt; 5 years</b>	<b>Dysentery cases &lt; 5 yrs.</b>	<b>Dysentery cases &gt; 5 years</b>	<b>Total cases</b>
1998	24,020	56,783	11,236	32,609	124,648
1999	21,388	49,474	11,458	32,168	114,488
2000	21,991	50,812	12,170	34,967	119,940
2001	29,499	65,551	5028	13,765	113,843
2002	21,191	46,539	11,296	26,644	105,670

### **III. Indicators:-**

- Reduction of diarrhoea deaths in children under five years of age by 13 to 6%.
- Reduction of diarrhoea incidence amongst 5 years by 21 to 10 %.
- Impact of ORT home care management training & need assessment on IMCI/ECCD.

### **IV. Progress during the year 2002: -**

With the introduction of new strategy IMCI in the country a total of 88 health workers were trained on Integrated Management of Childhood Illness from the early implementation Dzongkhag identified by the adaptation committee as of 2002. Though the impact study for this new strategy was not conducted the morbidity trend due to diarrhoea both from Hospitals & BHUs falls from 2<sup>nd</sup> leading in 2001 to 4<sup>th</sup> in 2002 and the mortality under 5 years dropped from 3.53 in 2001 to 2.0 in 2002 as per the report received from the Hospitals & BHUs in the country. However, the program feels that the mortality report still not authentic & underreported. Mothers training on proper case management of ARI/CDD will continue & expansion of IMCI to other Dzongkhag will be enhanced.

### **V. Future direction: -**

The new strategy (IMCI) will be replicated in other dzongkhag after assessing the impact of the early implementation Dzongkhag in phased manner. Followed up after training is crucial to reinforce IMCI skills & help health workers transfer those skills to clinic work in facilities, identify problems in managing cases & help solve these problems & to gather information on the performance of the health workers and the condition that influence performance in order to improve the implementation of IMCI. To sustain this strategy a regular followed up of the activity is necessary & require training of DMOs, DHSOs & Program personals.

# **National Tuberculosis Control Programme (NTCP)**

## **I. Introduction:**

TB control activities were initiated since 1976. Along with leprosy a focal point in head quarter looked after them both. However activities were integrated along with other health delivery services. Treatment was not uniform and mainly conventional and follow up was not there. Short course chemotherapy was piloted in 6 hospitals and introduced nationwide in 1993-94. During the same time a programmed manager was appointed in the head quarter. Recording and reporting system was introduced and in 1993 a TB control manual was developed as guideline for TB control activities at all levels. In 1997, DOTS was declared throughout the country.

## **II. Specific objectives by the year 2007 -**

1. Improving the access to DOTS by decentralising the availability of services, more patient friendly and easily accessible treatment observation services including drug availability, enhanced IEC and increased attention to community participation.
2. Improving the quality of services with focus on capacity building to ensure:
  - Reduction in mortality on account of TB to an extent that by the end of 9<sup>th</sup> Five Year Plan <5% patient dies on account of TB.
  - Cure >85% of all new smear positive patients and detect at least 75% of all such cases.
  - That TB in HIV positive patient is diagnosed early, all such cases are promptly put on DOTS, their cure/complication of treatment ensured so that they can lead a productive life.
  - MDR does not increase in the country

## **III. Strategies of NTCP**

- i) Enhancing DOTS utilisation by making its accessibility and availability user friendly.
- ii) Strengthening decentralised diagnostic and follow up capabilities through establishment and operationalisation of laboratory facilities at BHUs.
- iii) To strengthen the DOT components of DOTS strategy by widening the spectrum of DOT providers through various means including community involvement.
- iv) Establish and operationalise effective graded monitoring and supervisory mechanism.

- v) Formulation of a defined IEC strategies and intensified IEC activities covering patients, their families, community, other governmental extension agents, religious leaders, etc.
- vi) Organisation of trainings, meetings, and visits fro health personnel involved in TB control activities with a view to enhance their professional and operational skills under the overall ambit of capacity building.

#### IV. Status:

TB control programme is considered an important public health programme in the Health Department. Adequate resources have been allocated for this programme over the years. DOTS is being followed throughout the country and there are designated TB In-charges in 26 reporting centres. Health workers have been trained in the concept of DOTS strategy and reporting is done in standard formats. Diagnosis is, by and large, by sputum microscopy. About 1000 new TB cases are diagnosed every year and about 35-40 TB cases die every year.

#### V. Epidemiology of TB in Bhutan

<i>Year</i>	<i>Cases diagnosed and treated</i>			
	<i>Pulmonary</i>	<i>Extra Pulmonary</i>	<i>Total cases</i>	<i>Deaths</i>
1995	1014	257	1271	62 (48.8)
1996	942	329	1271	51 (40.1)
1997	N/A	N/A	1211	33 (27.3)
1998	924	368	1292	55 (42.6)
1999	778	396	1174	40 (34.1)
2000	777	363	1140	25 (21.9)
2001	874	342	1216	51 (41.9)
2002	758	293	1051	41(39.0)

*Note: Figures within brackets show Case Fatality Rate per 1000 cases.*

- (1) Case detection rate = 38.28%
- (2) Cure rate = 71.91%
- (3) Treatment success rate = 86.34%
- (4) Male: Female ratio = 57:43
- (5) Sputum conversion rate at second month = 71.12%

VI. Emerging national priorities

**As far as TB is concerned, the following are the emerging priorities: -**

- Policy as to whether or no to put HIS/AIDS patients on anti-TB prophylaxis as number of HIV cases is rising in the country.
- To strengthen drug sensitivity testing capacity at PHL so that proper drugs are put on drug resistant cases. These drugs are very sensitive and have to be provided for as long as 22 months.
- To be more vehement and pro-active to diagnose and cure all positive cases in the community.
- To coordinate activities better with armed forces.
- TB among migrant labourers in mega projects and construction sector.



## **National STD/AIDS Control Programme**

### **1. Background:**

- The National STD/AIDS Programme in Bhutan was initiated in 1988.
- The first Mid Term Plan (MTP I) for the period of 1990-1993 was formulated in 1989 (WHO).
- The subsequent MTP were implemented on a five year cycle starting from 1995 (WHO).
- The first two HIV Positive cases were detected in Bhutan in 1993.
- 7 HIV positive cases died since 2002 of which 6 died of AIDS complex, and the other due to Malaria.
- By the end of 2002 the number of HIV cases increased to 38, and all are in the age group of 15 - 35 years.
- STD still continues to be a problem and gonorrhea is the most common STD (Annual Health Bulletin of 1999)

### **2. Program objectives/Policy objectives**

#### **2.1 Goal:**

To prevent and control STI/HIV transmission and to reduce the incidence of STD/HIV infections in Bhutan.

#### **2.2 Overall Objectives:**

Reduce the morbidity and mortality associated with HIV/AIDS and STI  
Reduce the social and economic impact of HIV infection and AIDS

#### **2.3 Specific Objectives:**

- Reducing transmission of HIV/AIDS through sexual, Blood and blood products and peri-natal and STIs disease.
- Developing and strengthening program in relation to prevention and comprehensive care.
- Encouraging appropriate societal responses from the public and health sectors to HIV/AIDS and STI

### **3. Strategies:**

1. Strengthen national capacities for sustained response to the epidemic:
  - Enhance political commitment,
  - Develop strong leadership
2. Built and sustain partnership for multisectoral action
3. Strengthen public health infrastructure create enabling environment for safe behavior change
4. Intensify surveillance and research  
Ensure access to HIV/AIDS care and support service.

**Program Status as of 2002:  
HIV/AIDS Cases in Bhutan**

Up till now, we have had 38 HIV confirmed cases of which 7 died. At the moment, we have 31 HIV cases. Total 22 male and 16 female. So far all the above cases are under going constant counselling session and medical examination.

**Rising trend of HIV cases**

There are a number of factors, which contribute to the spread of the HIV-virus in Bhutan, of which the first few are clearly development related:

- more people (business men, civil servants) traveling outside the country due to its opening up and becoming part of global society;
- location of Bhutan close to India and Nepal, where HIV/AIDS already is an urgent problem;
- increasing internal migration to urban areas;
- prostitution, which is on the increase;
- major projects like hydro-power underway result in movement of people to make-shift living environments, temporarily away from their homes and family members, making them more vulnerable;
- people often lack awareness of the implications of unsafe sex;
- high STD-incidence in certain parts and among certain groups in the country;
- comparing with other countries in the region: sexual relations are less restricted;
- generally, safe sex matters are not much discussed at inter-personal level, although it is said that there are less inhibitions nowadays.

However serious bottlenecks for effective implementation of the HIV/AIDS programme exist as well. Bhutan to a great extent depends upon donor funding and once HIV/AIDS activities are stepped up, shortage of funds for HIV/AIDS programmes might be a problem. Data to support implementation of programmes are only to a limited extent available. The implementation of HIV/AIDS programmes at the community level is often hampered by problems of accessibility.

What about the future? It is not unrealistic to expect that the number of people infected with HIV will increase. Particularly the situation of high STD-incidence coupled with the process of opening up of the country could have serious consequences for the number of HIV/AIDS cases in the country. A more comprehensive scrutiny of what are the actual high-risk groups could perhaps enhance the effectiveness of targeted interventions, which at the moment focuses on sex workers mainly. Increasing numbers of HIV infected persons will require more resources for counseling. Finally, the country should prepare for the situation in the future that the health care system as well as people at home, have to take

care of people suffering from AIDS. Other issues such as those of confidentiality and rights of people with HIV/AIDS also deserve attention and awareness among the broader general public. In this process Bhutan could to some extent build on experiences and lessons learnt from HIV/AIDS programmes in neighboring countries adapting them to the local situation in the country.

The following are the program **highlights**, which are, in an effort to bring better quality of life to our community:

**Outreach Programme:**

- Conduct behavioural surveillance for targeted interventions.
- Offer counselling and health education to target groups.
- Capacity building and institutionalising STI/HIV cares and support at the dzongkhag level.

*(Priority dzongkhags – Chhukha, S/jongkhar, Sarpang, Thimphu, Samtse, Trashigang. Other dzongkhags shall also follow.)*

**Syndromic Management guidelines on STI-revised version.**

- To improve STI case management.
- To improve on STI reporting/recording.

**STI/HIV counselling services:**

- Strengthen the counselling services.
- Support training of 1 tutor from RIHS for specialized counselling course.
- Support health workers especially nurses for short duration counselling training.

**National HIV sentinel surveillance:**

- Conducted at all sentinel sites.
- To be undertaken every two years.
- To study the HIV trend and prevalence.
- To help respond appropriately to HIV infection in Bhutan.

**IEC strategy Plan for STI/AIDS**

- To have long term plans on IEC development for STI/AIDS
- To be able to provide timely appropriate IEC resource materials to the districts.
- For better coordination and optimal utilization of resources between IECH and Public Health Division for STI/AIDS activities.

## **Policy /institutional forecast**

- The National AIDS Control Program has two Program Officers of which one is fully dedicated to infection control program and one is STDs/AIDS activities. The infection control function is recommended moved to the department of medical services under the quality assurance & standardization Division.
- The policy directives should comprise leadership at all level, prevention, care, support and treatment, human rights and gender issues, reduction of vulnerability, and alleviation of social and economic impact, research and development.
- Continuation of the screening of all blood donated.
- The number of HIV infected women is still low in Bhutan. However since the vertical transmission rate is so high, the provision of anti-retroviral treatment in infected pregnant women is therefore, recommended. It is also recommended that breastfeeding be avoided if treatment is started because the virus can be transmitted through breast milk.
- There should be at least one trained counsellor in each hospital.

## Public Health Laboratory Report for 2002

The PHL continued its Programme Support activities through trainings, surveys and diagnostic support.

Fifteen new cases of HIV infection were diagnosed, far more than in any other year. Regular activities like water analysis, TB microscopy and culture, STD/HIV, Hepatitis B and Hepatitis C diagnosis and IDD control activities were all carried out.

### Tests carried out in the Public Health Laboratory, 2002

Sl. No.	Test Description	Total samples tested	No of tests carried out	Positive	Remarks
<b>A. Iodine Deficiency Disorders Control</b>					
1	Salt analysis report for the country	115495	115495	N/A	5185 samples (94.35%) with acceptable iodine content, results for whole country
2	Monitoring of Salt Plant at Phuntsholing	1056	1056	N/A	99 samples had inadequate iodine, tested by Phuntsholing hospital
<b>B. STDs &amp; HIV/AIDS</b>					
3	RPR test for syphilis	8675	8675	305	screening test for T. pallidum
4	TPHA test	7884	1434	260	confirmatory test for RPR positives.
5	HBsAg test for Hepatitis B	6745	6745	298	
6	ELISA test for Hepatitis C	4820	4820	5	
7	ELISA test for HIV	6802	8012	7	Screening test for HIV
8	HIV Western Blot test	20	20	22	Confirmatory test for HIV positives
<b>C. Tuberculosis diagnosis</b>					
9	Sputum microscopy	1704	3925	108	
10	Extra-pulmonary TB microscopy	435	435	29	
11	Sputum culture	97	291	48	
12	Culture other than sputum	435	435	68	
<b>D. Water analysis</b>					
13	Bacteriological	155	155	55	556 samples with bacterial growth (contaminated).
14	Chemical	85	85	12	12 samples had unacceptable levels of chemical tested.
<b>E. Surveillance</b>					
15	HIV	4519	4519	8	
	<b>Total</b>	<b>42356</b>	<b>39551</b>	<b>1225</b>	

## **Village Health Worker Programme**

### **Background**

Helvetas first piloted the Village Health Worker (VHW) system in Bumthang in 1978. Finding it imperative in facilitating primary health care delivery in the communities living in scattered and difficult terrains, it was expanded to Trongsa, Thimphu, Wangdue Phodrang & Lhuentse. And by mid 1980's the program was implemented throughout the country.

The VHWs selected by the communities themselves were given two-week long training on basic preventive and promotive aspects of health care including First Aid and treatment of minor ailments. The positive and discernable impact of the contributions made by VHWs over the years is reflected in rapid health indicator improvements especially in communicable diseases of major public health concern in the country. It has proved to be an important link between the health service and the communities.

In 1993-94, the VHW program was evaluated with the objective to assess the utility and necessity of the program. The evaluation findings indicated that VHWs were very useful in strengthening primary health care delivery system. Both the health providers and the communities felt that VHWs should continue to function. As such, the Health Department prepared a "Strategy Paper to Strengthen the VHW Programme," which was formally approved in 1995.

The VHW program received support from WHO through the PHC project till 1992. From 1993, UNICEF became the only support agency. The sustenance and/or acceleration of the scope of VHW activity depended on the availability of the fund. Over the recent years the fund position has gone from bad to worse - to the extent that the very survivability of the program is at stake.

### **Rationale**

The difficult land terrain coupled with sparse and scattered population dictated the need for VHWs to assist health staff to provide health care to the un-reached communities thereby, bringing wider health coverage. It was felt that such a category of people in the village would not only serve as a two-way link between the health care providers and the communities but also help to inculcate a sense of healthy living responsibilities in the communities.

### **Programme Objectives (9<sup>th</sup> FYP)**

1. Facilitate increased access to health care services in the country.
2. Improve healthy life style of the communities through dissemination of appropriate health information.
3. Provide first aid and treatment for minor ailments.

## Strategies

1. Establish VHW selection/recruitment criteria,
2. Re-define their roles and responsibilities,
3. Impart regular training courses
4. Develop Monitoring & Evaluation tools, recording/reporting formats and guidelines/manuals for VHWs
5. Strengthen monitoring and supervision of VHW program activities
6. Institute supply and distribution system for first aid drugs and equipment

## Current status

There are 1201 active VHWs in the country and program aims to retain this number through regular refresher courses and other incentives like intra and inter-Dzongkhag study visits. Training will be conducted for the 281 new VHW recruits. The ratio of male female VHW is 1:3 (male: female); the cumulative drop out number is 1200 for last 17 years. Following table details the VHW in the country.

### Present status:

Sl. No	Dzongkhag	No. Trained	Existing No. (Active)	Drop out	Add. Rqmt	Total No. Required
1.	Bumthang	90	40	50	8	48
2.	Chukha	131	74	57	6	80
3.	Dagana	75	34	41	13	47
4.	Gasa	29	14	15	6	20
5.	Haa	47	22	25	6	28
6.	Mongar	214	111	103	30	141
7.	Lhuentse	87	42	45	21	63
8.	Pema Gatshel	90	48	42	20	68
9.	Paro	128	70	58	10	80
10.	Punakha	92	48	44	6	54
11.	S/Jongkhar	152	98	54	15	113
12.	Samtse	314	154	160	-	154
13.	Sarpang	150	60	90	15	75
14.	Trashigang	216	103	113	18	121
15.	Tashi Yangtse	94	41	53	13	54
16.	Trongsa	89	47	42	-	47
17.	Tsirang	115	51	64	42	93
18.	Thimphu	98	40	58	25	65
19.	W/ Phodrang	115	60	55	11	71
20.	Zhemgang	75	45	30	15	60
	<b>Total</b>	2401	1202	1199	280	1482

## **Milestones**

- There are 1201 functional VHWs in the country.
- The implementation is fully decentralized since the inception.
- A comprehensive training manual guideline for trainers has been developed (3<sup>rd</sup> revision ongoing)
- The programme was evaluated in 1993/1994
- Strategy paper & information kit for the programme has been developed.
- The DSA for VHWs during the training and refresher courses has been enhanced from Nu=30/- to Nu=150/- per day.
- A recognition certificate for VHWs was awarded to the programme by UNDP coinciding with “ International day for the Volunteers” in 2001.
- The VHWs were provided with badges, bags and logos for easy identification as a sign of recognition of the volunteer services.

## **Issues and Constraints**

- Donor supported vertical programme.
- Resource gap - insufficient financial support to maintain quality services through regular services.
- Recognition of VHWs for remuneration / incentive / compensation (packaging) uniformly has been a problem.
- Retention / drop out / replacement of trained VHWs.
- Community participation for ownership & sustenance.
- Growing expectations & demands.
- Multi-sectoral dimension for health development.

## **Future direction: -**

- Regular refresher courses need to be maintained.
- Adequate financial support for above and other non-financial incentives.
- Vertical programme/reprogramming within the decentralization policy.
- Fixed target setting for better planning and monitoring.
- Dzongkhag & Gewog budgeting from regular resources.
- Ownership building and sustenance by community in long run.
- Recognition- remuneration & incentive packaging modalities for VHWs



# National Leprosy Control Programme of Bhutan

## Introduction

The district general hospital located at Gidakom under Thimphu Dzongkhag functions as the National Referral Centre for Leprosy as well as TB besides community services for general health of the population. The Gidakom hospital therefore has heavier role in catering a wide range of services including rehabilitative services at all levels of district, regional and as the centre for specialised services.

According to the past records the number of leprosy cases came down from a total of 40 to 33 in 2002. A total of 13 new cases were detected under self reporting system including those referred by different health staff under Gidakom hospital, Western Region. There was no new case reported from other districts except this centre. Also there was no relapse case reported this year.

While case detection rate was found to be 0.19 per 10,000 population, prevalence rate now stands at 0.50/10,000 compared to 0.61 last year. However, deformity rate among new cases this year is 38% showing slightly higher than that observed in 2001, and MB cases (LL, BL, BB) stands at 100%. There was not a single new case found by regular contact surveys despite both the surveillance and contact surveys were carried out in all the districts, as usual.

Case management of patients, 2002

<i>Type of patients</i>	<i>Number</i>
Number of patients at the beginning of year	40
Number of new cases detected	13
Number of relapse	0
Regained to control	0
Transferred out etc.	6
Released from treatment	18
Number of patients at the end of the year	33
Death	0

## Surveys -

<i>Survey type</i>	<i>Enumerated</i>	<i>Examined</i>	<i>%</i>	<i>New patients found</i>
Contact survey	499	380	76.0	0
Mass surveys	-	-	-	-
Focal (village) survey	-	-	-	-
Others (School)	-	-	-	-

According to the decentralisation policy of the 9FYP, all the detected cases will now be treated and taken care at the respective district health facility unlike in the past.

# **National Malaria Control Programme**

## **1. Background**

The malaria control programme was first launched in 1964, and was one of the first health programmes in the country. It was then called National Malaria Eradication Program since the program activities were geared to meet the eradication objectives. But it was later renamed as National Malaria Control Programme (**NMCP**) in keeping with the Global Malaria Control Strategy after realizing that eradication aim was indeed an unachievable target.

In the days prior to introduction of malaria control programme in the country, malaria had remained a serious public health problem. However, with the start of the control activities, rapid improvement of malaria situation was seen over the years.

The control strategy was centred on parasitic control with microscopy diagnosis and anti malarial drug treatment, and vector control with IRS using DDT. In 1995 DDT was substituted by synthetic pyrethroid – Deltramethine. Major change in the control strategy took place in 1998. The treatment regimen for Pf malaria was revised while at the same time adopting vector control strategy with Insecticide Treated Bed Net Programme (ITBN) based on Roll Back Malaria (RBM) initiatives.

## **2. Programme Goal**

Reduce malaria disease burden to a level where population residing in malarious areas can lead a productive life thereby, contributing to the socio-economic development of the country.

## **3. Main Programme Objective**

Reduce malaria mortality by 25% by the end of 9<sup>th</sup> FYP period

## **4. Programme Components**

- 4.1 Parasitic Control
- 4.2 Vector Control
- 4.3 Data management

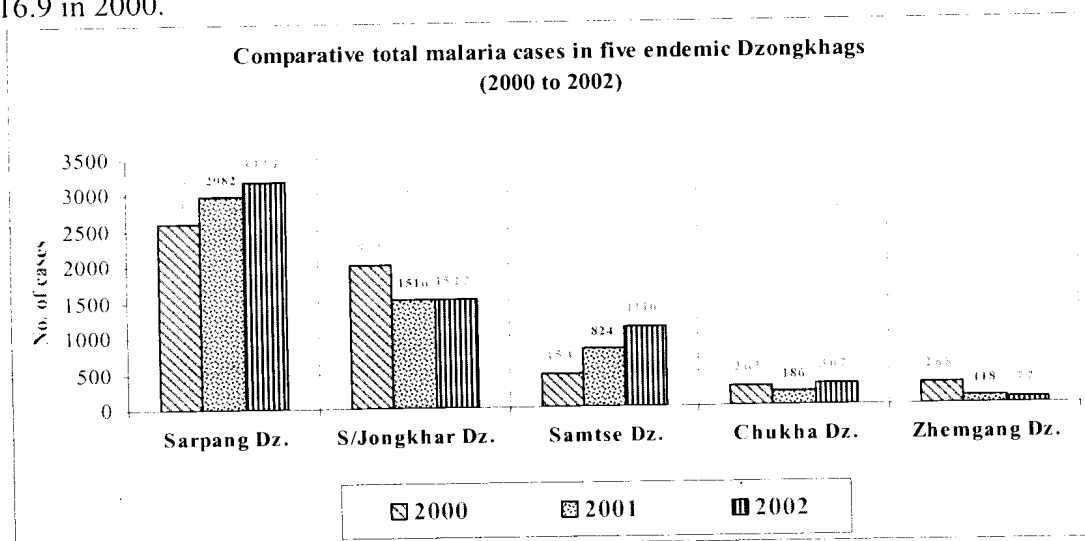
## **4. Main Programme Strategies**

- 4.1 Provision of diagnostic and treatment facilities to facilitate EDPT
- 4.2 Selective and comprehensive use of insecticides for vector control
- 4.3 Intensification of IEC advocacy activities
- 4.4 Initiation of inter-sector collaborative vector control activities through partnerships
- 4.5 Capacity Development in terms of human resource

## 5. Programme Status

### 5.1 Incidence and case load trend:

Marked caseload reduction from 38901 in 1994 to 5935 cases in 2000 was seen after implementing the revised vector control strategy. The API too declined from 66.2 in 1995 to 16.9 in 2000.

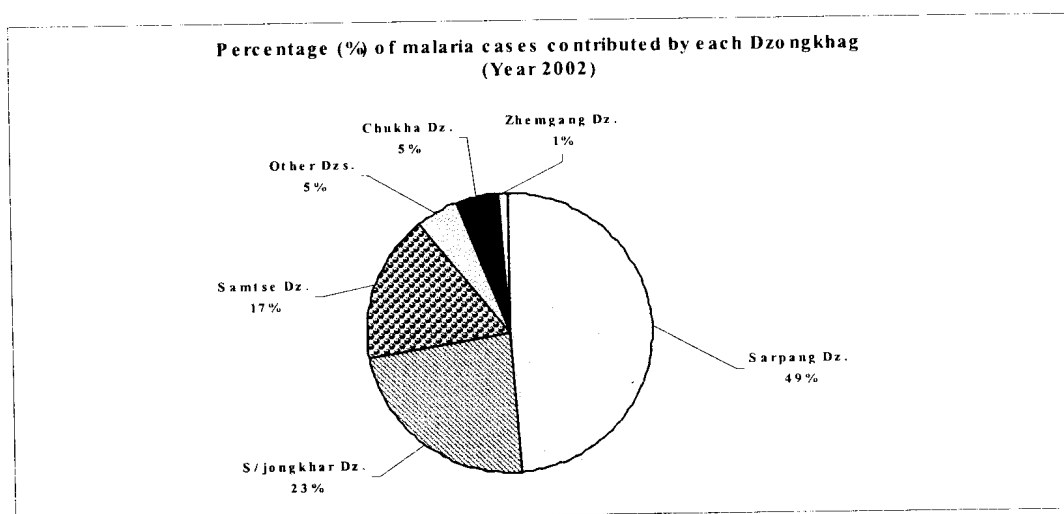


### 5.2 Type of infection trend:

Percentage of Pf cases has been on the rise from 31.5% in 1995 to 51% in 1999. The proportionate Pf increase has remained more or less same from 2000 to 2002.

### 5.3 Comparative malaria caseload in different endemic dzongkhags:

Sarpang (3179 cases in 2002) and S'Jongkhar (1527 cases in 2002) combined continue to contribute over 72% of the total caseload in the country.



#### **5.4 Mortality Reduction Rate (MRR):**

Gradual increase in mortality reduction rate is observed since 1995 (from 41% in 1995 to 84% in 2002).

#### **5.5 ITBN coverage** is over 80%

#### **5.6 Necessary provisions for EDPT** are in place in all health centres in the malaria affected areas.

#### **5.7 Drug sensitivity study** (conducted as routine activity) findings indicate 98% sensitivity rate to current treatment regimen for Pf.

### **6. Issues of major concern:**

- 6.1 There is no appreciable morbidity and mortality reduction since 1998 despite using all available control strategies. The proportionate Pf increase over the past few years is a real concern as the mortality is due entirely to Pf.
- 6.2 The entomology unit is established in 1997, and is still in infant stage. The existing staffs are unable to conduct entomological surveys/studies as per the scientific protocol due to want of expertise and adequate support staff and logistics. This shortcoming has been a constant problem in making effective program decisions based on scientific findings.
- 6.3 The want of a medical epidemiologist and statistician or graduate level data manager has also posed severe limitations to the programme in the conduct of operational studies in parasitic control activities.
- 6.4 NMCP does not have a permanent structure. Because of this, the scope for further expansion in terms of capacity development especially in drug research and entomological studies is severely limited.
- 6.5 Dengue and Japanese Encephalitis (JE) is a public health problem in our neighbouring lands across the border. The vectors for Dengue and JE are highly prevalent in all our malaria endemic areas. Therefore, there exists potential risk for Dengue and JE outbreaks in our country. Perhaps Dengue and JE cases are missed as these diseases are never suspected by our health professionals. It is also true that sporadic outbreaks of undiagnosed viral encephalitis occur quite frequently. In view of these potential risks, it is high time that establishment of case surveillance system for Dengue and JE in the southern dzongkhags is given due consideration.

# **Community Based Rehabilitation (CBR) programme**

## **Introduction**

Bhutan is a signatory to the proclamation of the Forty Ninth Session (April 1993), of the ESCAP Commission on Disability, on the full participation and equality of people with disabilities. This provided the impetus for the promotion of disability prevention, rehabilitation and equalisation of opportunities for persons with disabilities in the country.

The Community Based Rehabilitation (CBR) Programme was initiated in 1997 as a pilot programme in Khaling Geog, Trashigang Dzongkhag, using the infrastructure of the primary health care system for service delivery. This also coincided with the launching of the 8<sup>th</sup> Five-Year Plan. The World Health Organisation provided the initial technical and financial support for the programme. DANIDA started supporting the CBR Programme from 1999. With the experience gained in the Khaling pilot programme, the CBR activities were extended to Mewang Geog, Thimphu District from 2000.

On the eve of the launching of the 9<sup>th</sup> Five-Year Plan, the need was felt for a review of the CBR Programme to date, in order to develop appropriate, feasible and realistic strategies for the future, based on the experiences gained in the last few years in the field.

## ***Policy objective***

In order to enhance the quality of life of people with disabilities and achieve their full integration, the accessibility of the health care delivery system for people with disabilities will be improved, a decentralisation process of rehabilitation services within the health care delivery system developed, and disability prevention and rehabilitation programmes strengthened within the 9<sup>th</sup> Five Year Plan period.

## ***Programme objectives***

1. To introduce community-oriented disability prevention and rehabilitation services as an integral part of the comprehensive primary health care delivery system in all Dzongkhags.
2. To undertake human resource development in rehabilitation disciplines and in community rehabilitation at all levels.
3. To develop a National Rehabilitation Resource Centre for the country.
4. To diminish the overall impact of disability through awareness and provision of other appropriate rehabilitation interventions.
5. To facilitate the involvement of other sectors in disability prevention and rehabilitation programmes through the multi-sectoral approach.

In Bhutan, many superstitions and misconceptions about disability continue to be prevalent. Services for early identification and intervention to prevent the progression of impairments and disabilities are insufficient, as also the facilities for medical rehabilitation, education, awareness, and employment generation. The terrain in the country is another challenge for delivery of rehabilitation services.

### **Highlight of achievements**

On the eve of the launching of the 9<sup>th</sup> Five-Year Plan, a review of the CBR Programme to date was done in order to develop appropriate, feasible and realistic strategies for the future, based on the experiences gained in the last few years in the field.

### **Relevance**

There is no doubt that the CBR Programme is highly relevant in the country, considering that there has not been a plan earlier to address the needs of persons with disabilities who constitute about 3.5% of the population. Since a majority of persons with disability live in remote rural areas, the CBR approach is relevant and appropriate to address their needs. With the establishment of a good infrastructure for primary health care in the country, delivery of rehabilitation services through the existing infrastructure is more feasible and cost-effective, rather than setting up vertical programmes. Of course the health sector needs to work in *close collaboration* with other sectors, to achieve the goals of CBR and to address all the needs of persons with disabilities.

### **Effectiveness**

The major achievements of the CBR Programme to date are summarised below.

#### **1. Coverage**

- The CBR programme was initiated in two Geogs – namely Khaling in Trashigang District, Mewang in Thimphu and Dogar in Paro District.
- Identification of people with disabilities was carried out using a questionnaire to estimate the prevalence of disability.
- Identification of children with speech and hearing disabilities has been initiated in all schools.

#### **2. Capacity building**

- Introduction of CBR concept to policy makers;
- Training of physiotherapy technicians and BHU staff were trained on CBR through in-service training courses;

## Strategies

The overall guiding strategy for support to programmes for/with people with disabilities is the ***community-based model*** with the principle of grass-root participation in development

Disability prevention and rehabilitation programmes will be ***integrated*** in the planning, service delivery, and evaluation in the health care delivery system. The programmes will ***mobilise*** traditional family units and social structures, along with available supportive traditional practices to create a ***sustainable network*** to improve the quality of life of people with disabilities. ***Complementary programmes*** and strategies will be developed and implemented to meet the goals. ***Views of persons with disabilities and their families*** will be taken into account in addressing their needs. Systems will be put in place to ensure ***quality of services*** to meet the needs of people with disabilities and their families. ***Cost-effectiveness*** will be promoted through efficient and effective use of resources available to increase access for people with disabilities. ***Monitoring, assessment and evaluation*** will be incorporated in the Programme from the start but occurring at several levels.

## Status

According to estimates of WHO, about 7% - 10% of the population in developing countries has some form of moderate or severe disability, resulting from mainly preventable causes such as communicable diseases, trauma, genetic causes, and so on. Statistics from different sources in south Asian countries show that about 3-4% of the population in these countries has some form of disability, and would require rehabilitation services.

Surveys carried out in the pilot CBR Programme and house hold surveys in Bhutan have estimated that there are about 21,000 persons with disabilities in the country, amounting to 3.5% of the total population of about 600,000. These figures are only suggestive and are not definitive. However, the pilot survey has highlighted the fact that people with speech and hearing problems constitute the highest percentage of the disabled population, followed by those with visual impairment.

People with disabilities are often more severely affected by and exposed to, hardships than other community members. The most common needs expressed by people with disabilities are for functional skills in daily life activities (self care, mobility, behaviour), educational needs (schooling, vocational training) and needs for information about their disability. Another major concern of people with disabilities is the need for income generating activities. In addition, there are the needs for family and social integration, participation and representation in community affairs.

- The physiotherapy technician-training curriculum at RIHS was modified to include a module on CBR;
- A training workshop CBR and Audiology Medicine was conducted for DMOs/Suptds/Mos.

### **3. Initiation of interventions**

- Provision of Assistive Devices made available – hearing aids, crutches, wheel chairs, walkers etc.
- Upgradation of Artificial Limb Workshop at Gidakom for producing prosthesis/orthosis.
- Physiotherapy units established in 5 hospitals.
- Formation of Parent Support Group in Thimphu.
- Establishment of Audio logy Unit at JDW NRH.
- Identification of Changangkha School as a pilot school for integration of disabled children.
- Identification of Draktsho Vocational Training Centre to promote vocational training opportunities for persons with disabilities.
- Conduct of mobile ENT camps in 2 regions.

### **4. Multi-sectoral collaboration**

- Formation of National Co-ordination Committee on Disability (NCCD) concerns with 12 members.

### **5. Health Management Information Systems**

- Incorporation of Disability Information Collection into HMIS initiated.

### **Efficiency**

The integration into the health infrastructure has worked reasonably efficiently till now. The major strength from a community based Programme perspective has been the motivation of the staff at the BHU level and of the village health workers, to add on rehabilitation responsibilities to their existing duties. According to them, it is feasible to do so as the numbers of disabled persons in need of interventions are less at their level, and they are able to carry out the required interventions along with other responsibilities.

However, the efficiency of the Programme can be greatly enhanced with more efforts on capacity building, strengthening the referral and technical support systems and collaboration amongst the different sectors to achieve the goals of the CBR Programme. The disability data in the draft HMIS also needs to be revised, to make it more relevant for planning of services.



## **Future Directions**

Community Based Rehabilitation (CBR) is one of the strategies for providing rehabilitation to people with disabilities. Many other strategies are needed in the implementation of the programme. Therefore, within the Public Health Division, a Rehabilitation Section needs to be created. This unit will cater to different components of rehabilitation – CBR, Institution and so on.

## **Strategies for the 9<sup>th</sup> Five-Year Plan**

The strategies for the 9<sup>th</sup> Five Year Plan are developed, taking into consideration the findings from the review that identified priority areas for attention in the future.

The strategies have been detailed into activities, with the time frames for achievement divided into **short term (1 year), medium term (2 to 3 years) and long term (4 to 5 years)**, in the context of the Five-Year Plan. All strategies will focus equally on the needs of girls and women with disabilities.

## **Vision of the CBR programme**

The vision for the CBR Programme is that “ Persons with Disabilities are able to attain their fullest potential, become self -reliant and are active contributors to nation building to the extent possible”.

During the 9<sup>th</sup> Five-Year Plan, the CBR Programme will seek to address the needs of all identified disabled persons in the community.

At the end of the 9<sup>th</sup> Five-Year Plan, the following broad outcomes are expected to be achieved:

- Inclusion of disability prevention and rehabilitation as an integral part of primary health care in all 20 dzongkhags;
- Provision of medical rehabilitation for all types of disabilities;
- Promoting integration of children with disabilities into normal schools;
- Promoting activities for vocational rehabilitation of disabled adults; and
- Community awareness and social integration of people with disabilities in community activities.
- Developing Gidakom as National Rehabilitation Centre; and
- Promoting/Initiating Self Help Groups of People with Disabilities.

**Expansion of Coverage to all Dzongkhags**

During the first year of the 9<sup>th</sup> Five Year Plan, the services were expanded to few more Dzongkhags. Eight Dzongkhags Primary Health Care workers have received training on CBR. The other districts will be covered over the subsequent years, as trained personnel become available.

**Constraints and Limitations**

Trained human resources in the field of rehabilitation are a major constraint for the programme. Unavailability of Self Help Group is also a major draw back. Moreover, multi-sectoral collaborations need to be further strengthened.

# **Mental Health Programme**

## **1. Program background**

Mental Health Programme was launched in July 1997 coinciding with 8<sup>th</sup> Five Year Plan with the objective to:-

- Sensitise Health personnel at all levels to be able to provide mental health care along with general health services.
- Reduce problems related to alcohol, drug dependence, mental and neurological disorders.

It was initiated with the support of WHO both in terms of technical and financial aspects, it still plays active role to strengthen and maintain the momentum of the Programme activities. Since the last fiscal year DANIDA has also extended financial support especially for assessment of situation, human resource development and building of capacity for existing in-service health workers.

## **2. Programme**

### **• Component**

- Situational analysis on mental health problems/pilot KAP survey.
- Building up the capacity to provide basic mental health service.
- Integration of mental health care service into general health care system.
- Incorporation of mental health component into RIHS pre-service training curriculum.
- Exploration of traditional approach to mental health care.
- Introduce & Encourage Community Based Rehabilitation system.

### **• Goals & Objective in accordance with 9FYP.**

#### **General objectives:**

Protection and promotion of Mental Health.

#### **Specific objectives:**

- To reduce burden of mental and neurological diseases, alcohol and drug dependence.
- To straighten integration of mental health care into the primary health delivery system to cover entire country with health staff oriented to provide basic mental health care at the community level.
- To involve traditional and indigenous system of medicine in the mental health care.

● **Strategy:**

Identification of Mental Health Activities at different levels of health systems and accordingly appropriate training and activities in Mental Health Care for different category of health workers and others significant people in the community such as the village health workers, religious community, police, school teachers etc,

**3. Program Status:**

Since the inception of the programme, it has carried out a series of groundwork and following are the highlights of achievements.

1. Sensitised and created awareness on mental health.
2. Medical Officers and Nurses has been trained on to provide Basic Mental Health Care at the hospital level.
3. Essential indicators on mental disorders included in HMIS.
3. Pilot survey has been conducted in three Dzongkhags viz Paro, Bumthang and Trashigang.
4. Initiated regular psychiatric OPD service in JDWNRH.
5. Health workers trained on basic community mental health care in Paro, Bumthang and Trashigang Dzongkhags.

**4. Ongoing activities.**

1. Training of trainer on community mental health.
2. Training of primary health care personnel.
3. Analysis of mental health survey data.
4. Intensification of IEC activities.
5. Identification traditional strategy to mental health care.
6. Recording & Reporting of mentally ill cases from the hospitals.

**5. Constraints/ Issues.**

- Lack of adequate number trained in mental health professional is a serious impediment for the progress of the programme activities.
- Lack of adequate funding.
- Lack of separate ward for psychiatric patients
- Lack of awareness on mental health vis a vis traditional beliefs, customs, culture and religion.

## Mortality report for 2002

As a routine exercise, attempts were made to compile and assess the deaths report submitted by the Dzongkhags for the year 2002. The report is based on the deaths certification system introduced in 2000 in order to facilitate planning process for health. However, it was found grossly under reported or incomplete, though it is customary to submit a copy of deaths certificates to Health Department as and when it occurs. For the reliability and completeness of reporting, the mandatory requirement for issuing death certificate needs to be further reinforced right at the peripheral levels. Obviously parents in the villages do not bother to report deaths that occurred at home, mostly infants and under five children, who are not covered by the rural life insurance scheme. As a result infant deaths in particular are largely ignored by the system at the very facility level.

The cause of death, mostly found for BHU level report, were categorised as “Unknown” or “Old Age” and this consists of major chunk of data. Nevertheless, the report shows that Cardio-vascular disorder, Cirrhosis, COPD/Br. Asthma, Malignancy, Injuries, Lower Respiratory Tract Infection, Septicemia, Renal failure and TB were the leading causes of death or the most common ten top killers.

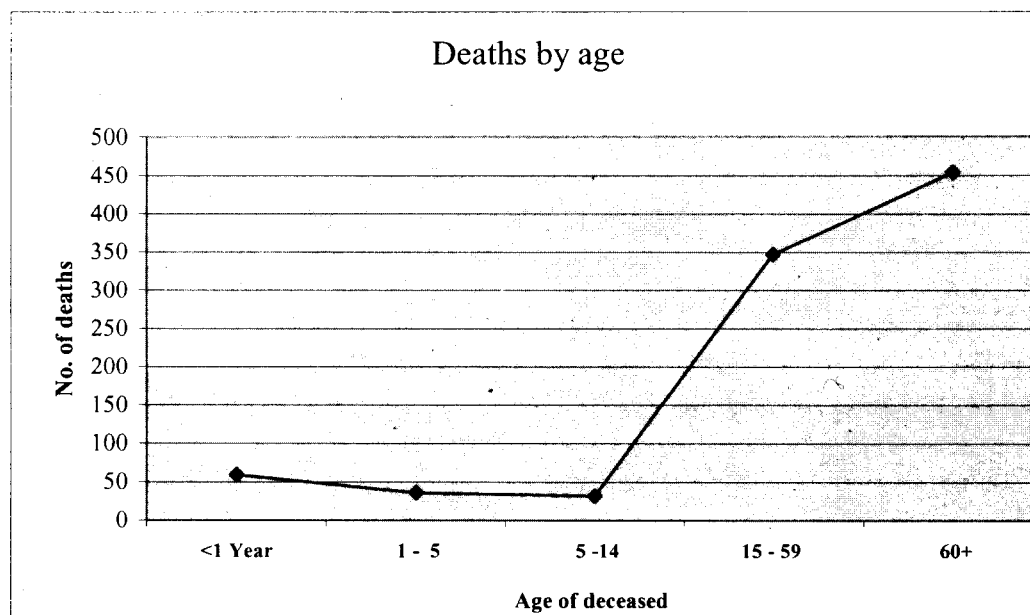
District wise distribution of deaths		
District	Number	Percentage
Bumthang	1	0.11
Chhukha	33	3.49
Dagana	21	2.22
Gasa	1	0.11
Haa	8	0.85
Lhuntse	73	7.72
Mongar	139	14.71
Paro	119	12.59
Pemagatshel	8	0.85
Punakha	42	4.44
S/Jongkhar	59	6.24
Samtse	20	2.12
Sarpang	19	2.01
Thimphu	33	3.49
Trashigang	306	32.38
Trashuyangtse	13	1.38
Trongsa	9	0.95
Tsirang	7	0.74
W/Phodrang	27	2.86
Zhemgang	7	0.74
Total	945	100.00

Although reports were available for all the districts this year, it still suffers seriously from under reporting. It may be noted from the above table that there are large differences in the percentage share of deaths among districts. In most cases large differences can be observed that range from almost zero percent to above 30% and this disparity is clearly due mainly to miss reporting and under reporting that altogether affected the quality and completeness of data.

**Table showing deaths by age and sex**

Cause of Death	Under 5		Above 5		Total	%
	M	F	M	F		
Cardiovascular disorder	0	0	53	84	137	14.50
Unknown	4	2	66	62	134	14.18
Others	3	3	50	42	98	10.37
Cirrhosis of liver	0	0	52	32	88	9.31
COPD/Br. Asthma	6	6	25	32	70	7.41
Malignancies	0	0	37	31	68	7.20
Old Age	0	0	19	27	46	4.87
Injuries	2	0	29	11	42	4.44
Septicemia	11	9	5	11	36	3.81
L. Resp. Tract Infection	9	6	13	8	37	3.92
Renal failure	0	0	21	14	35	3.70
Tuberculosis	1	0	16	11	28	2.96
Encephalopathy/Epilepsy	1	2	15	4	22	2.33
Prematurity	14	7	0	0	22	2.33
Diarrhoea and Dysentery	2	0	8	9	19	2.01
Nutritional Deficiency	2	1	3	6	12	1.27
PUO	0	0	4	8	6	0.63
RTA	0	0	5	7	12	1.27
Malaria	0	0	4	6	12	1.27
Sucide	0	0	9	2	11	1.16
Diabetes	0	0	4	0	4	0.42
Mental illness	0	0	0	3	3	0.32
Mental death	0	0	0	2	2	0.21
Perinatal condition	1	0	0	0	1	0.11
<b>Total</b>	<b>55</b>	<b>36</b>	<b>438</b>	<b>412</b>	<b>945</b>	<b>100.00</b>

The data on age distribution of deaths also shows that almost 10% of deaths occurred for under-5 years of age out of which 23% deaths were due to premature deaths, 22 % due to Septicemia, 16% due to respiratory diseases, 13% due to bronchitis and asthma, 6% due to other causes and an equal percentage falls under unknown category. The remaining child deaths of 3% and 2 % were found to be due to nutrition related causes and diarrhoeal deaths respectively.



Besides, owing to the incomplete and deficient data neither detailed explanation nor valid inferences on the causes of death could be arrived at for more discussion here as far as death of older ages are concerned. It would have been important and very interesting otherwise for dissemination of such vital events on the country situation concerning impact of health services in general.

## *Section — C*

 *Annexures*



## Activity Report of Hospitals and BHUs, Bhutan - 2002

Services	Total cases
<b><i>Indoor Patients:</i></b>	
Admissions	34345
Discharges	28643
Deaths	609
Patient days	183732
Referred-in	2759
<b><i>Cases &amp; fatalities</i></b>	
Diarrhoea <5 yrs : Cases	386
Deaths	7
Pneumonia <5 Yrs: Cases	1216
Deaths	35
Measles <5 yrs.: Cases	55
Deaths	0
Malaria : Cases	1604
Deaths	12
PIH: Cases	174
Deaths	0
PPH: Cases	74
Deaths	0
TB: Cases	485
Deaths	17
<b><i>Discharge status:</i></b>	
Recovered/improved	27339
Absconded	142
Expired	593
Not recovered	1905
Referred-out	1943
Average length of stay	0
<b><i>Obstetrical interventions:</i></b>	
Caesarean section	519
Forceps/Vacuum delivery	137
Other Obs. Surgical procedure	177

Services		Total
<b><i>Other Surgical Interventions:</i></b>		
General :	Major	884
	Minor	2969
Gynaecological :	Major	584
	Minor	693
Orthopaedic :	Major	350
	Minor	779
ENT :	Major	320
	Minor	442
Eye :	Major	508
	Minor	856
Others :	Major	1356
	Minor	6971
<b><i>X-Ray:</i></b>		
	Chest	12916
	Extremities	6634
	Others	8939
<b><i>Dental:</i></b>		
	Prophylaxis	1062
	Filling	10522
	Extraction	16581
	Others	23261
<b><i>Out Patients</i></b>		
	New Cases	503033
	Old Cases	266549
	Referred-out	34804

# District wise Activity Report of Hospitals and BHUs, 2002

Services	District				
	Bumthang	Chhukha	Dagana	Haa	Lhuntse
<b>Indoor Patients:</b>					
Admissions	412	3092	31	80	515
Discharges	352	2646	25	66	387
Deaths	7	58	1	0	9
Patient days	1993	12649	169	20	3783
Referred-in	17	68	0	0	51
<b>Cases &amp; fatalities</b>					
Diarrhoea <5 yrs : Cases	0	36	0	0	3
Deaths	0	0	0	0	0
Pneumonia <5 Yrs: Cases	3	108	0	0	17
Deaths	0	5	0	0	0
Measles <5 yrs.: Cases	0	0	0	0	2
Deaths	0	0	0	0	0
Malaria : Cases	0	199	0	0	0
Deaths	0	2	0	0	0
PIH: Cases	0	14	0	0	2
Deaths	0	0	0	0	0
PPH: Cases	1	8	1	0	2
Deaths	0	0	0	0	0
TB: Cases	1	70	0	1	6
Deaths	0	1	0	0	0
<b>Discharge status:</b>					
Recovered/improved	351	2530	25	66	385
Absconded	4	17	0	0	1
Expired	7	49	1	0	9
Not recovered	71	74	6	8	92
Referred-out	45	292	4	14	32
<b>Obstetrical interventions:</b>					
Caesarean section	0	0	0	0	0
Forceps/Vacuum delivery	0	12	0	0	0
Other Obs. Surgical procedure	5	17	0	0	0

Services	District				
	Bumthang	Chhukha	Dagana	Haa	Lhuntse
<b>Other Surgical Interventions:</b>					
General : Major	0	0	0	0	0
Minor	74	870	12	2	42
Gynaecological : Major	0	0	0	0	3
Minor	0	6	0	0	10
Orthopaedic : Major	0	0	0	0	3
Minor	11	99	0	0	8
ENT : Major	0	0	0	0	0
Minor	0	192	0	0	10
Eye : Major	22	0	0	0	15
Minor	5	100	0	0	11
Others : Major	0	0	0	0	2
Minor	0	5703	2	0	39
<b>X-Ray:</b>					
Chest	132	836	0	0	0
Extremities	77	426	0	0	0
Others	28	507	0	0	0
<b>Dental:</b>					
Prophylaxis	11	159	15	7	4
Filling	409	1656	94	46	124
Extraction	556	2786	173	49	116
Others	548	4452	159	47	222
<b>Out Patients</b>					
New Cases	12937	79333	4561	0	6603
Old Cases	3975	12156	1442	0	1954
Referred-out	11	87	15	0	3

# District wise Activity Report of Hospitals and BHUs, 2002

Services	District			
	Mongar	Paro	Pemaga	Punakha
<b>Indoor Patients:</b>				
Admissions	2005	1559	651	1405
Discharges	1532	1293	538	1097
Deaths	31	27	6	26
Patient days	8346	5260	2937	5360
Referred-in	346	35	8	32
Referred-in	346	35	8	32
<b>Cases &amp; fatalities</b>				
Diarrhoea <5 yrs : Cases	19	15	6	24
Deaths	0	0	0	0
Pneumonia <5 Yrs: Cases	106	32	49	87
Deaths	2	1	2	2
Measles <5 yrs.: Cases	0	0	0	0
Deaths	0	0	0	0
Malaria : Cases	3	2	4	15
Deaths	0	0	0	0
PIH: Cases	0	14	0	11
Deaths	0	0	0	0
PPH: Cases	0	3	0	2
Deaths	0	0	0	0
TB: Cases	8	19	14	16
Deaths	0	1	1	0
<b>Discharge status:</b>				
Recovered/improved	1658	1294	526	1097
Absconded	11	7	3	10
Expired	26	27	6	26
Not recovered	207	31	7	173
Referred-out	51	244	58	95
<b>Obstetrical interventions:</b>				
Caesarean section	15	0	0	0
Forceps/Vacuum delivery	2	7	0	13
Other Obs. Surgical procedure	1	0	0	6

Services	District			
	Mongar	Paro	Pemaga	Punakha
<b>Other Surgical Interventions:</b>				
General : Major	23	47	0	0
Minor	136	181	18	62
Gynaecological : Major	34	0	0	0
Minor	37	0	0	0
Orthopaedic : Major	45	7	3	0
Minor	167	10	0	7
ENT : Major	0	27	0	0
Minor	1	3	0	0
Eye : Major	32	9	0	0
Minor	9	1	3	1
Others : Major	6	0	9	0
Minor	10	1	13	2
<b>X-Ray:</b>				
Chest	760	540	117	506
Extremities	460	426	30	267
Others	309	293	47	133
<b>Dental:</b>				
Prophylaxis	46	22	9	193
Filling	477	643	39	165
Extraction	521	432	326	210
Others	793	1243	271	317
<b>Out Patients</b>				
New Cases	14542	7509	9830	23781
Old Cases	8178	804	1510	12054
Referred-out	53	14	5	56

# Activity Report of Hospitals and BHUs, 2002

Services	District				
	S/Jongkhar	Samtse	Sarpang	Thimphu	Trashigang
<b>Indoor Patients:</b>					
Admissions	2840	5210	2547	8849	1706
Discharges	2307	2987	2233	8569	1681
Deaths	36	40	26	281	22
Patient days	17612	17434	11084	67660	13836
Referred-in	327	174	14	1190	230
<b>Cases &amp; fatalities</b>					
Diarrhoea <5 yrs : Cases	24	59	21	70	18
Deaths	1	0	0	4	1
Pneumonia <5 Yrs: Cases	88	131	63	374	60
Deaths	4	2	0	9	2
Measles <5 yrs.: Cases	6	43	0	2	0
Deaths	0	0	0	0	0
Malaria : Cases	214	589	458	47	15
Deaths	1	2	3	4	0
PIH: Cases	1	21	0	86	3
Deaths	0	0	0	0	0
PPH: Cases	0	9	2	22	2
Deaths	0	0	0	0	0
TB: Cases	49	45	51	115	59
Deaths	0	1	2	8	0
<b>Discharge status:</b>					
Recovered/improved	2299	2773	2015	8202	1316
Absconded	11	10	7	30	6
Expired	36	37	26	281	21
Not recovered	140	366	178	156	42
Referred-out	231	267	94	123	105
<b>Obstetrical interventions:</b>					
Caesarean section	8	9	21	348	19
Forceps/Vacuum delivery	2	4	2	81	11
Other Obs. Surgical procedure	1	57	18	2	10

Services	District				
	S/Jongkhar	Samtse	Sarpang	Thimphu	Trashigang
<b>Other Surgical Interventions:</b>					
General : Major	21	5	322	452	0
Minor	240	50	548	500	50
Gynaecological : Major	5	3	12	491	17
Minor	11	17	21	482	38
Orthopaedic : Major	2	9	0	246	0
Minor	15	83	2	350	4
ENT : Major	0	0	16	263	0
Minor	0	6	26	192	0
Eye : Major	189	5	0	187	17
Minor	9	186	0	146	0
Others : Major	297	0	3	623	0
Minor	15	159	838	73	12
<b>X-Ray:</b>					
Chest	114	698	111	8383	205
Extremities	487	415	500	3071	113
Others	336	518	482	5921	107
<b>Dental:</b>					
Prophylaxis	35	100	28	275	48
Filling	371	252	627	4522	680
Extraction	915	496	1022	7442	972
Others	808	328	1154	11683	648
<b>Out Patients</b>					
New Cases	37746	55058	53234	150550	16814
Old Cases	12493	21436	22948	143923	5714
Referred-out	3505	2011	3227	17620	2726



# Activity Report of Hospitals and BHUs, 2002

Services	District				
	Trashiyang	Trongsa	Tsirang	W/Phodra	Zhemgang
<b>Indoor Patients:</b>					
Admissions	542	646	629	584	1042
Discharges	406	470	624	484	946
Deaths	6	10	14	4	5
Patient days	4427	1985	2805	349	6023
Referred-in	46	44	53	11	113
<b>Cases &amp; fatalities</b>					
Diarrhoea <5 yrs : Cases	28	7	3	47	6
Deaths	0	1	0	0	0
Pneumonia <5 Yrs: Cases	0	23	37	27	11
Deaths	0	3	2	0	1
Measles <5 yrs.: Cases	0	1	1	0	0
Deaths	0	0	0	0	0
Malaria : Cases	0	24	9	3	22
Deaths	0	0	0	0	0
PIH: Cases	1	5	5	0	11
Deaths	0	0	0	0	0
PPH: Cases	0	3	3	0	16
Deaths	0	0	0	0	0
TB: Cases	0	9	9	9	4
Deaths	0	0	2	1	0
<b>Discharge status:</b>					
Recovered/improved	406	471	531	448	946
Absconded	5	5	6	2	7
Expired	10	10	14	4	3
Not recovered	111	94	2	69	78
Referred-out	39	56	71	62	60
<b>Obstetrical interventions:</b>					
Caesarean section	33	0	0	47	19
Forceps/Vacuum delivery	1	1	0	0	1
Other Obs. Surgical procedure	0	0	0	0	60

Services	District				
	Trashiyang	Trongsa	Tsirang	W/Phodra	Zhemgang
<b>Other Surgical Interventions:</b>					
General : Major	0	0	0	14	0
Minor	25	10	71	38	40
Gynaecological : Major	0	0	0	0	19
Minor	0	6	0	0	65
Orthopaedic : Major	0	1	0	34	0
Minor	0	5	6	7	5
ENT : Major	0	0	0	14	0
Minor	0	1	0	10	1
Eye : Major	0	0	15	17	0
Minor	0	379	0	6	0
Others : Major	0	0	0	416	0
Minor	0	65	0	31	8
<b>X-Ray:</b>					
Chest	37	145	0	175	157
Extremities	23	86	0	252	1
Others	6	48	0	79	125
<b>Dental:</b>					
Prophylaxis	15	95	0	0	0
Filling	25	324	0	0	68
Extraction	26	454	0	0	85
Others	28	380	0	0	180
<b>Out Patients</b>					
New Cases	7649	15818	0	3920	3148
Old Cases	11566	3602	0	2339	455
Referred-out	5442	10	0	18	1

### Dzongkhag wise distribution of health facilities in 2002

Districts	Hospitals	Basic Health Unit	Outreach Clinic
<b>Bhutan</b>	<b>29</b>	<b>166</b>	<b>455</b>
Bumthang	Bumthang Hospital	Chhumay Tang Ura	14
Chhukha	Tsimalakha Hospital Phuntsholing Hospital Gedu Hospital	Chhukha, Chapchha Chongekha, Dungna Getena, Tala Bongo, Balujora* Lokchina	38
Dagana	-	Dagana - I Dagapela Drujegang Akhochin Tshangkha Lajab Jurugang	9
Gasa	-	Gasa Lungnana Laya	3
Haa	IMTRAT Hospital	Bali - I Yangthang . Sangbekha Dorithasa	15
Lhuntse	Lhuntse Hospital	Dungkhar, Menji Patpachhu, Tangmachhu Khoma, Autsho Gorsum (Ungar) Ladrong, Tsenkhar Zangkhar, Nay	32

Districts	Hospitals	Basic Health Units	ORC
Mongar	Mongar Hospital	Drametse, Balam Gongdu (Dagsa) Kengkhar, Bumpazor Lingmethang, Chaskhar Nagor (Silambi) Gyalpozhing, Thangrong Tsakaling, Ngatshang Tsamang, Yadi Junmi (Belam) Yangbari Serzhong (Muhung)	44
Paro	Paro Hospital	Bitekha Dawakha Drugyal	24
Pemagatshel	Pemagatshel Hospital	Dungmin Yurung Chhimong Thrumchung	20
Punakha	Punakha Hospital	Kabisa Shelngana Samadingkha Tshochasa Talo (Mendegang)	7
Samtse	Samtse Hospital Gomtu Hospital Sibsoo Hospital	Dorokha Dumtey Tendu Chengmari, Ghumauney Denchukha, Sengten Bara * Buka* Chargaray* Panbari *	2

Districts	Hospitals	Basic Health Units	ORC
Samdrubjongkhar	Samdrub Jongkhar Hospital Dewathang Hospital	Raitar - I Nganglam - I Dalim * Daifam, Dechheling Martshala, Gomdar Minjiwoong, Kulikata Norbugang, Orong Shingkharlauri Samrang *	29
Sarpang	Sarpang Hospital Gaylegphug Hospital	Kalikhola - I Norbuling, Jigmeling Dovangaon * Jigme Chholing ( Surey ) Chhuzangang (Taklai) Gongdara * Umling (Lalai) Nichula * Maogaon * Phibsoo, Manas	12
Thimphu	JDWNR Hospital IBF Hospital Gidakom Hospital Luntenphug Hospital	Dechhen Chholing - I Thinleygang Gaynekha Lingzhi Mutithang (sattelite clinic) Jungzhinang (sattelite clinic)	19
Trashigang	Yangtse Hospital	Khamdang, Tomiyangsa Yalang, Kheni Jamkhar, Ramjar	23
Tsirang	Damphu Hospital	Mendegang (Lamidara) Tsirangtoe (Tsirangdara) Khorsani Danasey * Burichhu* Pattalay*	5

Districts	Hospital	BHU	ORC
Trashigang	Trashigang Hospital Riserboo Hospital Yonphula Hospital	Bartsham, Bikhar Phongmay, Bidung Ozarong, Khaling Rangjung, Radi Yabrang, Merak Sakten, Yangnyer Thungkhar, Kangpara Chhangmi, Nanong Thongrong, Pasaphu Thrimshing (Tsangpo)	72
Trongsa	Trongsa Hospital	Langthel (Tongtophel) Kungarabten Nabji Bemji Trashiling Zhangbi	23
Wangdiphodrang	Wangdi Hospital (Tencholing)	Bajo - I Dangchhu Kamichhu (Jala) Phobjikha Samtegang Sephu Teki Agona Gaselo	23
Zhemgang	Yebilabtsa Hospital	Panbang - I Gomphu, Drogar Zhemgang, Goshing Khomshar, Lelegang Shingkhar, Buli Langdorbi, Edi Kagtong, Pantang	41

Note: Hospital list excludes 1 Indigenous Hospital.

\* Centres not functioning.

## Morbidity cases reported from BHUs - Bhutan, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	12198	12713	53655	61016	139582	27.44	40
2	All Other New Cases	4738	4859	45563	56376	111536	21.93	629
3	Skin Diseases (other than scabies)	4876	5097	19504	18368	47845	9.41	68
4	Diarrhoea	5359	5222	12318	11976	34875	6.86	98
5	Eye Diseases (Conjunctivitis)	2151	2413	12072	16160	32796	6.45	43
6	Peptic Ulcer Syndrome	110	162	11688	15847	27807	5.47	57
7	Injuries/Fractures	862	769	12568	5310	19509	3.84	200
8	Dysentery (bacillary or amoebic)	2712	2693	6978	6397	18780	3.69	80
9	Worms	2149	2211	6205	7086	17651	3.47	29
10	Diseases of Teeth and Gums	195	286	5223	6323	12027	2.36	52
11	Ear Diseases	1692	1738	3873	4271	11574	2.28	27
12	Pneumonia	2126	2086	1436	1654	7302	1.44	56
13	UTI (other than STD)	152	222	1999	3928	6301	1.24	58
14	Anaemia	67	85	1156	3301	4609	0.91	38
15	Scabies	352	419	1955	1509	4235	0.83	6
16	Hypertension	0	0	1666	2182	3848	0.76	32
17	Malaria	197	217	1504	1069	2987	0.59	25
18	Bites/Stings	218	195	1277	1011	2701	0.53	17
19	Urethral Discharge (susp. STD)	3	3	460	198	664	0.13	5
20	Genital Ulcer (susp. STD)	5	9	197	325	536	0.11	5
21	Vaginal Discharge (susp. STD)	0	5	0	443	448	0.09	8
22	Hepatitis(Jaundice)	24	23	162	170	379	0.07	16
23	Cirrhosis	18	13	146	166	343	0.07	13
24	Other Mental Disorders	1	3	70	49	123	0.02	7
25	Cervical Cancer	0	0	0	30	30	0.01	3
26	Other Musculo-skeletal Disease	0	1	21	5	27	0.01	0
27	Other Eye Diseases	0	0	14	6	20	0.00	0
28	Dental Caries	0	0	11	8	19	0.00	0
29	Other Ear Problems	0	0	7	6	13	0.00	0
30	Other Respiratory Diseases	1	0	8	4	13	0.00	0
31	Arthritis	0	0	5	5	10	0.00	0
32	Pelvic Inflammatory Disease	0	0	0	9	9	0.00	0
33	Other Disease of Digestive System	1	0	4	3	8	0.00	0
34	Burns & Scalds	1	2	1	2	6	0.00	0
35	Menstrual Disturbances	0	0	0	5	5	0.00	0
36	Other Nutritional Deficiencies	0	0	3	1	4	0.00	0
37	Diseases of Breast	0	0	0	2	2	0.00	0
38	Epilepsy	0	0	1	0	1	0.00	0
39	Depression	0	0	1	0	1	0.00	
Total		40208	41446	201751	225221	508626	100	1612

**Morbidity cases reported from BHUs - Bumthang Dzongkhag, 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	83	131	1591	1754	3559	26.00	1
2	Cough & Colds	158	223	1544	1476	3401	24.84	0
3	Peptic Ulcer Syndrome	1	2	564	567	1134	8.28	0
4	Skin Diseases (other than scabies)	68	65	539	449	1121	8.19	0
5	Diarrhoea	104	92	434	351	981	7.17	0
6	Eye Diseases (Conjunctivitis)	27	32	332	498	889	6.49	0
7	Diseases of Teeth and Gums	10	7	267	266	550	4.02	0
8	Injuries/Fractures	9	18	355	83	465	3.40	4
9	Ear Diseases	30	41	129	146	346	2.53	0
10	Dysentery (bacillary or amoebic)	35	31	154	121	341	2.49	0
11	UTI (other than STD)	1	3	59	121	184	1.34	2
12	Worms	7	14	68	70	159	1.16	0
13	Anaemia	0	0	26	95	121	0.88	1
14	Hypertension	0	0	44	46	90	0.66	0
15	Pneumonia	7	19	12	17	55	0.40	0
16	Bites/Stings	1	1	25	24	51	0.37	1
17	Scabies	3	2	23	10	38	0.28	0
18	Other Musculo-skeletal Disease	0	1	21	5	27	0.20	0
19	Genital Ulcer (susp. STD)	1	0	17	9	27	0.20	0
20	Other Eye Diseases	0	0	14	6	20	0.15	0
21	Dental Caries	0	0	11	8	19	0.14	0
22	Urethral Discharge (susp. STD)	0	0	13	1	14	0.10	0
23	Other Ear Problems	0	0	7	6	13	0.09	0
24	Hepatitis(Jaundice)	1	2	7	3	13	0.09	0
25	Other Respiratory Diseases	1	0	8	4	13	0.09	0
26	Arthritis	0	0	5	5	10	0.07	0
27	Pelvic Inflammatory Disease	0	0	0	9	9	0.07	0
28	Other Disease of Digestive System	1	0	4	3	8	0.06	0
29	Burns & Scalds	1	2	1	2	6	0.04	0
30	Menstrual Disturbances	0	0	0	5	5	0.04	0
31	Malaria	0	1	1	3	5	0.04	0
32	Vaginal Discharge (susp. STD)	0	0	0	4	4	0.03	0
33	Other Nutritional Deficiencies	0	0	3	1	4	0.03	0
34	Cirrhosis	0	0	2	1	3	0.02	0
35	Cervical Cancer	0	0	0	2	2	0.01	0
36	Diseases of Breast	0	0	0	2	2	0.01	0
37	Epilepsy	0	0	1	0	1	0.01	0
38	Depression	0	0	1	0	1	0.01	0
Total		549	687	6282	6173	13621	100	0



### Morbidity cases reported from BHUs - Chhukha Dzongkhag, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	854	969	3920	4250	9993	28.84	6
2	All Other New Cases	314	370	3056	3526	7266	20.97	55
3	Skin Diseases (other than scabies)	366	383	1427	1191	3367	9.72	7
4	Worms	357	336	718	667	2078	6.00	2
5	Peptic Ulcer Syndrome	2	5	851	1079	1937	5.59	7
6	Diarrhoea	251	264	673	639	1827	5.27	2
7	Injuries/Fractures	75	68	1104	457	1704	4.92	64
8	Eye Diseases (Conjunctivitis)	111	126	545	626	1408	4.06	11
9	Dysentery (bacillary or amoebic)	175	177	449	414	1215	3.51	0
10	Pneumonia	228	198	172	172	770	2.22	9
11	Ear Diseases	134	126	257	236	753	2.17	3
12	Anaemia	0	1	146	428	575	1.66	14
13	Diseases of Teeth and Gums	10	14	298	224	546	1.58	11
14	UTI (other than STD)	9	17	81	220	327	0.94	2
15	Scabies	14	17	154	104	289	0.83	0
16	Hypertension	0	0	107	129	236	0.68	2
17	Bites/Stings	14	4	70	47	135	0.39	5
18	Genital Ulcer (susp. STD)	0	1	15	52	68	0.20	1
19	Malaria	0	2	35	29	66	0.19	7
20	Urethral Discharge (susp. STD)	1	0	31	10	42	0.12	2
21	Hepatitis(Jaundice)	1	0	10	14	25	0.07	5
22	Vaginal Discharge (susp. STD)	0	1	0	21	22	0.06	2
23	Cirrhosis	0	0	1	0	1	0.00	2
24	Other Mental Disorders	0	0	0	1	1	0.00	1
<b>Total</b>		<b>2916</b>	<b>3079</b>	<b>14120</b>	<b>14536</b>	<b>34651</b>	<b>100</b>	<b>220</b>

### Morbidity cases reported from BHUs - Dagana Dzongkhag, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	196	182	2546	3482	6406	25.952	1
2	Cough & Colds	584	517	2354	2664	6119	24.789	0
3	Skin Diseases (other than scabies)	271	250	903	904	2328	9.43	1
4	Diarrhoea	253	249	564	806	1872	7.58	0
5	Peptic Ulcer Syndrome	0	3	680	850	1533	6.21	1
6	Eye Diseases (Conjunctivitis)	96	97	480	667	1340	5.43	0
7	Worms	143	134	424	436	1137	4.61	0
8	Dysentery (bacillary or amoebic)	129	127	308	328	892	3.61	0
9	Injuries/Fractures	43	31	513	238	825	3.34	1
10	Ear Diseases	89	82	176	199	546	2.21	0
11	Diseases of Teeth and Gums	6	6	210	257	479	1.94	0
12	Pneumonia	100	72	51	71	294	1.19	0
13	UTI (other than STD)	7	5	101	173	286	1.16	1
14	Anaemia	2	1	32	144	179	0.73	0
15	Scabies	11	10	73	71	165	0.67	0
16	Hypertension	0	0	49	71	120	0.49	0
17	Bites/Stings	6	6	48	45	105	0.43	0
18	Genital Ulcer (susp. STD)	0	0	12	12	24	0.10	0
19	Malaria	0	0	11	2	13	0.05	0
20	Urethral Discharge (susp. STD)	0	0	5	1	6	0.02	0
21	Cirrhosis	1	0	3	1	5	0.02	0
22	Hepatitis(Jaundice)	0	0	3	2	5	0.02	0
23	Other Mental Disorders	0	0	2	1	3	0.01	0
24	Vaginal Discharge (susp. STD)	0	0	0	2	2	0.01	0
<b>Total</b>		<b>1937</b>	<b>1772</b>	<b>9548</b>	<b>11427</b>	<b>24684</b>	<b>100</b>	<b>5</b>

**Morbidity cases reported from BHUs - Gasa Dzongkhag, 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	25	14	301	299	639	26.80	1
2	Cough & Colds	22	19	332	183	556	23.32	0
3	Peptic Ulcer Syndrome	0	0	79	107	186	7.80	0
4	Eye Diseases (Conjunctivitis)	3	0	96	79	178	7.47	0
5	Injuries/Fractures	7	5	99	34	145	6.08	1
6	Skin Diseases (other than scabies)	12	7	54	45	118	4.95	4
7	Dysentery (bacillary or amoebic)	5	3	72	29	109	4.57	0
8	Diarrhoea	9	16	40	28	93	3.90	0
9	Worms	20	8	39	18	85	3.57	3
10	Diseases of Teeth and Gums	0	2	37	36	75	3.15	0
11	Ear Diseases	6	3	30	18	57	2.39	0
12	Anaemia	0	0	15	36	51	2.14	0
13	UTI (other than STD)	11	0	11	9	31	1.30	0
14	Bites/Stings	2	2	10	6	20	0.84	0
15	Hypertension	0	0	12	6	18	0.76	0
16	Pneumonia	0	1	6	4	11	0.46	0
17	Scabies	0	0	3	2	5	0.21	0
18	Urethral Discharge (susp. STD)	0	0	2	0	2	0.08	0
19	Genital Ulcer (susp. STD)	0	0	0	2	2	0.08	0
20	Other Mental Disorders	0	0	1	0	1	0.04	0
21	Cirrhosis	0	0	1	0	1	0.04	0
22	Hepatitis(Jaundice)	0	0	1	0	1	0.04	0
<b>Total</b>		<b>122</b>	<b>80</b>	<b>1241</b>	<b>941</b>	<b>2384</b>	<b>100</b>	<b>9</b>

**Morbidity cases reported from BHUs - Haa Dzongkhag, 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	118	148	527	732	1525	23.952	0
2	Cough & Colds	125	133	583	681	1522	23.90	0
3	Peptic Ulcer Syndrome	0	0	245	324	569	8.94	0
4	Skin Diseases (other than scabies)	59	72	179	175	485	7.62	0
5	Eye Diseases (Conjunctivitis)	25	30	151	219	425	6.68	0
6	Diarrhoea	57	48	100	116	321	5.04	8
7	Worms	45	57	102	105	309	4.85	0
8	Injuries/Fractures	9	11	162	115	297	4.66	0
9	Anaemia	0	8	82	131	221	3.47	0
10	Hypertension	0	0	56	124	180	2.83	1
11	Diseases of Teeth and Gums	7	9	73	71	160	2.51	0
12	Dysentery (bacillary or amoebic)	7	14	37	26	84	1.32	0
13	Ear Diseases	15	10	24	23	72	1.13	0
14	Scabies	6	9	20	24	59	0.93	0
15	Bites/Stings	2	0	17	20	39	0.61	0
16	UTI (other than STD)	0	0	16	13	29	0.46	0
17	Malaria	5	3	6	7	21	0.33	0
18	Cirrhosis	1	0	7	7	15	0.24	0
19	Pneumonia	4	4	2	3	13	0.20	0
20	Urethral Discharge (susp. STD)	0	0	8	3	11	0.17	0
21	Other Mental Disorders	0	0	2	2	4	0.06	0
22	Genital Ulcer (susp. STD)	0	0	3	1	4	0.06	0
23	Vaginal Discharge (susp. STD)	0	0	0	1	1	0.02	0
24	Cervical Cancer	0	0	0	1	1	0.02	0
<b>Total</b>		<b>485</b>	<b>556</b>	<b>2402</b>	<b>2924</b>	<b>6367</b>	<b>100</b>	<b>9</b>

### Morbidity cases reported from BHUs - Lhuntse Dzongkhag, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	346	362	2068	2666	5442	27.10	1
2	All Other New Cases	125	109	1684	2238	4156	20.70	11
3	Skin Diseases (other than scabies)	202	167	775	750	1894	9.43	1
4	Eye Diseases (Conjunctivitis)	54	75	494	802	1425	7.10	1
5	Diarrhoea	204	205	396	496	1301	6.48	0
6	Dysentery (bacillary or amoebic)	128	96	331	356	911	4.54	0
7	Worms	88	85	301	429	903	4.50	0
8	Peptic Ulcer Syndrome	0	1	356	512	869	4.33	2
9	Injuries/Fractures	46	23	557	223	849	4.23	5
10	Scabies	33	46	287	205	571	2.84	0
11	Diseases of Teeth and Gums	3	2	200	331	536	2.67	0
12	Ear Diseases	54	44	190	193	481	2.40	0
13	UTI (other than STD)	7	6	131	200	344	1.71	0
14	Pneumonia	46	35	17	20	118	0.59	4
15	Hypertension	0	0	26	50	76	0.38	1
16	Anaemia	0	1	5	39	45	0.22	1
17	Bites/Stings	3	2	29	11	45	0.22	1
18	Hepatitis(Jaundice)	3	0	10	24	37	0.18	0
19	Cirrhosis	5	2	6	14	27	0.13	0
20	Genital Ulcer (susp. STD)	2	1	7	9	19	0.09	0
21	Urethral Discharge (susp. STD)	0	0	14	2	16	0.08	0
22	Vaginal Discharge (susp. STD)	0	0	0	11	11	0.05	0
23	Other Mental Disorders	0	0	1	0	1	0.00	0
24	Malaria	0	0	1	0	1	0.00	0
<b>Total</b>		<b>1349</b>	<b>1262</b>	<b>7886</b>	<b>9581</b>	<b>20078</b>	<b>100</b>	<b>28</b>

**Morbidity cases reported from BHUs - Mongar Dzongkhag, 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	1072	1041	4547	5806	12466	24.89	1
2	All Other New Cases	437	430	4374	6464	11705	23.37	110
3	Skin Diseases (other than scabies)	474	463	1794	1907	4638	9.26	35
4	Eye Diseases (Conjunctivitis)	206	185	1265	1773	3429	6.85	4
5	Diarrhoea	525	448	1129	1123	3225	6.44	0
6	Dysentery (bacillary or amoebic)	377	333	894	921	2525	5.04	16
7	Peptic Ulcer Syndrome	3	3	755	1407	2168	4.33	4
8	Injuries/Fractures	73	69	1228	560	1930	3.85	12
9	Worms	174	181	659	888	1902	3.80	10
10	Diseases of Teeth and Gums	14	14	659	887	1574	3.14	5
11	Ear Diseases	189	173	376	474	1212	2.42	1
12	UTI (other than STD)	14	19	252	557	842	1.68	7
13	Pneumonia	234	189	61	91	575	1.15	3
14	Scabies	34	34	268	209	545	1.09	0
15	Hypertension	0	0	125	198	323	0.65	10
16	Anaemia	2	3	51	206	262	0.52	3
17	Bites/Stings	11	11	78	76	176	0.35	0
18	Urethral Discharge (susp. STD)	0	2	124	34	160	0.32	1
19	Vaginal Discharge (susp. STD)	0	0	0	96	96	0.19	3
20	Malaria	2	3	41	44	90	0.18	1
21	Genital Ulcer (susp. STD)	0	1	22	62	85	0.17	3
22	Cirrhosis	4	3	39	37	83	0.17	2
23	Hepatitis(Jaundice)	7	7	26	21	61	0.12	4
24	Other Mental Disorders	0	0	2	2	4	0.01	0
<b>Total</b>		<b>3852</b>	<b>3612</b>	<b>18769</b>	<b>23843</b>	<b>50076</b>	<b>100</b>	<b>235</b>

### Morbidity cases reported from BHIUs - Paro Dzongkhag, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	401	487	2375	2541	5804	34.70	0
2	All Other New Cases	133	126	1488	1917	3664	21.91	17
3	Skin Diseases (other than scabies)	79	88	578	527	1272	7.60	1
4	Peptic Ulcer Syndrome	1	3	489	599	1092	6.53	0
5	Diarrhoea	113	126	321	261	821	4.91	0
6	Injuries/Fractures	20	23	448	206	697	4.17	18
7	Dysentery (bacillary or amoebic)	118	133	243	191	685	4.10	0
8	Eye Diseases (Conjunctivitis)	28	26	233	324	611	3.65	2
9	Diseases of Teeth and Gums	5	2	216	229	452	2.70	0
10	Worms	51	50	109	157	367	2.19	0
11	Ear Diseases	29	34	85	99	247	1.48	0
12	Hypertension	0	0	87	156	243	1.45	2
13	UTI (other than STD)	5	6	54	156	221	1.32	0
14	Anaemia	0	1	32	178	211	1.26	1
15	Pneumonia	67	58	35	39	199	1.19	2
16	Bites/Stings	3	6	31	24	64	0.38	2
17	Scabies	1	0	26	16	43	0.26	0
18	Urethral Discharge (susp. STD)	0	0	9	1	10	0.06	0
19	Vaginal Discharge (susp. STD)	0	0	0	7	7	0.04	0
20	Hepatitis(Jaundice)	1	0	4	1	6	0.04	0
21	Genital Ulcer (susp. STD)	0	0	3	1	4	0.02	0
22	Malaria	0	1	2	1	4	0.02	1
23	Cirrhosis	0	0	1	0	1	0.01	0
24	Other Mental Disorders	0	0	1	0	1	0.01	0
Total		1055	1170	6870	7631	16726	100	46

**Morbidity cases reported from BHUs - Pemagatshel Dzongkhag, 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	209	213	571	783	1776	24.68	19
2	All Other New Cases	47	52	504	1017	1620	22.51	1
3	Skin Diseases (other than scabies)	97	100	281	331	809	11.24	0
4	Eye Diseases (Conjunctivitis)	58	60	138	298	554	7.70	0
5	Diarrhoea	98	91	136	164	489	6.79	0
6	Peptic Ulcer Syndrome	0	2	95	233	330	4.59	0
7	Dysentery (bacillary or amoebic)	33	41	104	111	289	4.02	0
8	Worms	36	52	65	116	269	3.74	0
9	Diseases of Teeth and Gums	7	10	82	120	219	3.04	0
10	Ear Diseases	27	43	53	94	217	3.02	0
11	Injuries/Fractures	4	8	119	54	185	2.57	0
12	UTI (other than STD)	3	6	27	121	157	2.18	1
13	Pneumonia	32	43	10	21	106	1.47	2
14	Anaemia	0	0	12	40	52	0.72	0
15	Scabies	4	5	12	17	38	0.53	0
16	Cirrhosis	4	2	3	11	20	0.28	0
17	Bites/Stings	1	1	9	4	15	0.21	0
18	Hypertension	0	0	6	8	14	0.19	0
19	Urethral Discharge (susp. STD)	0	0	6	6	12	0.17	0
20	Genital Ulcer (susp. STD)	0	0	2	6	8	0.11	0
21	Other Mental Disorders	0	2	3	1	6	0.08	0
22	Vaginal Discharge (susp. STD)	0	0	0	4	4	0.06	0
23	Cervical Cancer	0	0	0	3	3	0.04	0
24	Malaria	1	0	2	0	3	0.04	0
25	Hepatitis(Jaundice)	0	1	1	0	2	0.03	0
<b>Total</b>		<b>661</b>	<b>732</b>	<b>2241</b>	<b>3563</b>	<b>7197</b>	<b>100</b>	<b>23</b>



# Morbidity cases reported from BHUs - Punakha Dzongkhag, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	464	458	2080	2613	5615	28.54	2
2	All Other New Cases	100	129	1665	2290	4184	21.27	24
3	Skin Diseases (other than scabies)	143	187	862	876	2068	10.51	3
4	Diarrhoea	164	161	393	525	1243	6.32	0
5	Eye Diseases (Conjunctivitis)	42	71	401	639	1153	5.86	5
6	Peptic Ulcer Syndrome	0	1	471	615	1087	5.53	3
7	Dysentery (bacillary or amoebic)	110	122	313	296	841	4.28	0
8	Injuries/Fractures	28	22	493	211	754	3.83	11
9	Worms	56	79	213	236	584	2.97	0
10	Pneumonia	124	129	83	75	411	2.09	2
11	Ear Diseases	48	59	132	141	380	1.93	2
12	Diseases of Teeth and Gums	6	7	160	182	355	1.80	4
13	Anaemia	4	1	101	224	330	1.68	3
14	UTI (other than STD)	2	1	65	127	195	0.99	1
15	Hypertension	0	0	76	64	140	0.71	2
16	Bites/Stings	8	6	63	51	128	0.65	0
17	Scabies	3	1	31	27	62	0.32	1
18	Vaginal Discharge (susp. STD)	0	0	0	36	36	0.18	1
19	Other Mental Disorders	0	0	15	17	32	0.16	1
20	Urethral Discharge (susp. STD)	0	0	26	5	31	0.16	0
21	Genital Ulcer (susp. STD)	0	0	8	8	16	0.08	0
22	Cervical Cancer	0	0	0	11	11	0.06	0
23	Hepatitis(Jaundice)	0	0	3	8	11	0.06	1
24	Cirrhosis	0	0	3	1	4	0.02	2
25	Malaria	0	0	1	0	1	0.01	0
Total		1302	1434	7658	9278	19672	100	68

### Morbidity cases reported from BIUs - Samdrup Jongkhar Dzongkhag, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	674	664	3692	3829	8859	31.31	3
2	All Other New Cases	164	152	2208	2475	4999	17.67	198
3	Skin Diseases (other than scabies)	224	260	1095	879	2458	8.69	3
4	Diarrhoea	294	259	667	564	1784	6.30	0
5	Eye Diseases (Conjunctivitis)	104	106	658	790	1658	5.86	1
6	Worms	147	129	550	601	1427	5.04	2
7	Peptic Ulcer Syndrome	3	2	522	701	1228	4.34	3
8	Injuries/Fractures	44	29	714	273	1060	3.75	22
9	Dysentery (bacillary or amoebic)	152	112	444	317	1025	3.62	1
10	Malaria	30	42	427	236	735	2.60	3
11	Ear Diseases	101	94	198	195	588	2.08	0
12	UTI (other than STD)	7	21	149	381	558	1.97	1
13	Diseases of Teeth and Gums	9	15	205	250	479	1.69	0
14	Pneumonia	150	162	66	81	459	1.62	3
15	Bites/Stings	19	14	135	101	269	0.95	3
16	Hypertension	0	0	100	105	205	0.72	1
17	Anaemia	2	1	46	146	195	0.69	1
18	Scabies	10	14	75	52	151	0.53	0
19	Cirrhosis	3	6	40	33	82	0.29	3
20	Vaginal Discharge (susp. STD)	0	0	0	17	17	0.06	0
21	Other Mental Disorders	1	1	6	8	16	0.06	0
22	Urethral Discharge (susp. STD)	0	0	12	3	15	0.05	0
23	Genital Ulcer (susp. STD)	0	1	10	4	15	0.05	0
24	Hepatitis(Jaundice)	1	0	4	6	11	0.04	0
25	Cervical Cancer	0	0	0	3	3	0.01	0
Total		2139	2084	12023	12050	28296	100	248

### Morbidity cases reported from BHUs - Samtse Dzongkhag, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref- erred
		Male	Female	Male	Female			
1	Cough & Colds	1346	1274	4434	4786	11840	28.24	2
2	All Other New Cases	679	659	4326	5068	10732	25.60	16
3	Skin Diseases (other than scabies)	738	729	1864	1760	5091	12.14	3
4	Diarrhoea	332	377	757	656	2122	5.06	0
5	Peptic Ulcer Syndrome	2	6	850	1232	2090	4.99	26
6	Injuries/Fractures	83	72	1100	496	1751	4.18	13
7	Worms	259	270	516	520	1565	3.73	0
8	Eye Diseases (Conjunctivitis)	101	136	590	715	1542	3.68	2
9	Dysentery (bacillary or amoebic)	207	218	434	382	1241	2.96	0
10	Ear Diseases	102	140	275	384	901	2.15	0
11	Diseases of Teeth and Gums	36	53	267	284	640	1.53	4
12	Pneumonia	145	157	58	66	426	1.02	4
13	UTI (other than STD)	5	8	95	295	403	0.96	2
14	Scabies	13	32	183	114	342	0.82	0
15	Bites/Stings	41	32	147	99	319	0.76	1
16	Anaemia	3	2	74	192	271	0.65	4
17	Hypertension	0	0	108	156	264	0.63	1
18	Malaria	11	4	123	91	229	0.55	1
19	Genital Ulcer (susp. STD)	0	0	3	34	37	0.09	0
20	Vaginal Discharge (susp. STD)	0	0	0	33	33	0.08	0
21	Urethral Discharge (susp. STD)	0	0	19	13	32	0.08	1
22	Cirrhosis	0	0	14	7	21	0.05	2
23	Hepatitis(Jaundice)	0	2	12	6	20	0.05	0
24	Other Mental Disorders	0	0	3	2	5	0.01	0
25	Cervical Cancer	0	0	0	5	5	0.01	1
<b>Total</b>		<b>4103</b>	<b>4171</b>	<b>16252</b>	<b>17396</b>	<b>41922</b>	<b>100</b>	<b>83</b>

### Morbidity cases reported from BHUs - Sarpang Dzongkhag, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	499	472	3769	4329	9069	31.80	16
2	Cough & Colds	680	721	2448	2726	6575	23.06	0
3	Skin Diseases (other than scabies)	281	324	994	889	2488	8.72	2
4	Diarrhoea	278	303	817	768	2166	7.60	0
5	Malaria	130	158	749	552	1589	5.57	9
6	Eye Diseases (Conjunctivitis)	98	127	469	517	1211	4.25	1
7	Peptic Ulcer Syndrome	2	3	438	559	1002	3.51	0
8	Injuries/Fractures	28	25	603	225	881	3.09	4
9	Ear Diseases	118	102	238	243	701	2.46	0
10	Dysentery (bacillary or amoebic)	98	94	250	229	671	2.35	0
11	Diseases of Teeth and Gums	9	23	309	306	647	2.27	0
12	UTI (other than STD)	5	4	110	207	326	1.14	0
13	Worms	39	34	121	118	312	1.09	0
14	Hypertension	0	0	117	142	259	0.91	0
15	Pneumonia	107	81	34	35	257	0.90	2
16	Bites/Stings	11	9	57	22	99	0.35	0
17	Scabies	13	7	41	36	97	0.34	0
18	Anaemia	0	3	15	66	84	0.29	2
19	Urethral Discharge (susp. STD)	0	0	24	16	40	0.14	0
20	Hepatitis(Jaundice)	2	3	7	10	22	0.08	0
21	Genital Ulcer (susp. STD)	0	0	10	4	14	0.05	0
22	Vaginal Discharge (susp. STD)	0	0	0	4	4	0.01	0
23	Cirrhosis	0	0	2	0	2	0.01	1
24	Other Mental Disorders	0	0	2	0	2	0.01	0
<b>Total</b>		<b>2398</b>	<b>2493</b>	<b>11624</b>	<b>12003</b>	<b>28518</b>	<b>100</b>	<b>37</b>

### Morbidity cases reported from BHUs - Thimphu Dzongkhag, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	1289	1367	4042	3904	10602	30.23	4
2	All Other New Cases	363	371	3465	3479	7678	21.89	43
3	Skin Diseases (other than scabies)	307	364	1250	1181	3102	8.84	4
4	Diarrhoea	502	461	846	573	2382	6.79	0
5	Injuries/Fractures	143	112	1343	473	2071	5.90	12
6	Peptic Ulcer Syndrome	59	66	823	843	1791	5.11	4
7	Eye Diseases (Conjunctivitis)	120	128	703	805	1756	5.01	4
8	Dysentery (bacillary or amoebic)	183	194	507	357	1241	3.54	4
9	Diseases of Teeth and Gums	34	45	382	428	889	2.53	23
10	Ear Diseases	133	114	277	232	756	2.16	9
11	Worms	108	103	247	200	658	1.88	0
12	Hypertension	0	0	244	258	502	1.43	7
13	Pneumonia	115	123	86	103	427	1.22	11
14	UTI (other than STD)	7	14	133	254	408	1.16	34
15	Bites/Stings	20	16	144	106	286	0.82	0
16	Anaemia	5	4	68	207	284	0.81	3
17	Scabies	5	5	55	32	97	0.28	0
18	Vaginal Discharge (susp. STD)	0	0	0	56	56	0.16	1
19	Genital Ulcer (susp. STD)	2	1	14	13	30	0.09	1
20	Urethral Discharge (susp. STD)	1	0	13	14	28	0.08	0
21	Hepatitis(Jaundice)	2	2	9	4	17	0.05	5
22	Other Mental Disorders	0	0	7	1	8	0.02	3
23	Cirrhosis	0	0	0	1	1	0.00	0
24	Cervical Cancer	0	0	0	1	1	0.00	1
25	Malaria	0	0	0	1	1	0.00	0
Total		3398	3490	14658	13526	35072	100	173

### Morbidity cases reported from BHUs - Trashigang Dzongkhag, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	1301	1472	6776	7866	17415	27.11	1
2	All Other New Cases	632	655	5453	6818	13558	21.11	24
3	Skin Diseases (other than scabies)	609	635	2681	2420	6345	9.88	1
4	Eye Diseases (Conjunctivitis)	364	421	2152	2845	5782	9.00	11
5	Diarrhoea	639	664	1690	1457	4450	6.93	0
6	Peptic Ulcer Syndrome	13	26	1478	1968	3485	5.43	2
7	Dysentery (bacillary or amoebic)	294	313	803	775	2185	3.40	2
8	Worms	222	232	778	918	2150	3.35	1
9	Injuries/Fractures	66	89	1179	506	1840	2.86	3
10	Diseases of Teeth and Gums	16	33	741	920	1710	2.66	3
11	Ear Diseases	240	240	542	584	1606	2.50	3
12	Pneumonia	238	273	160	165	836	1.30	4
13	UTI (other than STD)	14	36	259	439	748	1.16	0
14	Anaemia	2	11	136	354	503	0.78	4
15	Hypertension	0	0	188	279	467	0.73	1
16	Scabies	40	42	172	172	426	0.66	0
17	Bites/Stings	17	26	152	124	319	0.50	3
18	Malaria	10	1	42	44	97	0.15	3
19	Genital Ulcer (susp. STD)	0	2	20	59	81	0.13	0
20	Urethral Discharge (susp. STD)	0	0	42	27	69	0.11	1
21	Vaginal Discharge (susp. STD)	0	2	0	54	56	0.09	0
22	Hepatitis(Jaundice)	3	3	29	19	54	0.08	1
23	Cirrhosis	0	0	8	25	33	0.05	1
24	Other Mental Disorders	0	0	12	4	16	0.02	1
25	Cervical Cancer	0	0	0	2	2	0.00	0
Total		4720	5176	25493	28844	64233	100	70

# Morbidity cases reported from BHUs - Trongsa Dzongkhag, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	353	332	1844	2536	5065	31.42	0
2	All Other New Cases	55	50	835	1212	2152	13.35	9
3	Skin Diseases (other than scabies)	126	117	626	646	1515	9.40	0
4	Peptic Ulcer Syndrome	11	13	523	942	1489	9.24	0
5	Eye Diseases (Conjunctivitis)	77	97	443	769	1386	8.60	0
6	Diarrhoea	196	184	369	386	1135	7.04	0
7	Dysentery (bacillary or amoebic)	117	86	231	230	664	4.12	0
8	Injuries/Fractures	33	26	380	169	608	3.77	4
9	Worms	82	81	161	194	518	3.21	0
10	Diseases of Teeth and Gums	4	0	186	305	495	3.07	0
11	Ear Diseases	53	52	111	108	324	2.01	1
12	Pneumonia	50	45	34	37	166	1.03	5
13	UTI (other than STD)	5	5	52	62	124	0.77	0
14	Hypertension	0	0	47	60	107	0.66	3
15	Anaemia	4	1	23	67	95	0.59	1
16	Scabies	16	16	40	13	85	0.53	0
17	Bites/Stings	2	2	35	23	62	0.38	0
18	Urethral Discharge (susp. STD)	1	0	29	10	40	0.25	0
19	Hepatitis(Jaundice)	2	0	4	26	32	0.20	0
20	Vaginal Discharge (susp. STD)	0	2	0	26	28	0.17	1
21	Malaria	3	2	3	6	14	0.09	0
22	Genital Ulcer (susp. STD)	0	0	6	6	12	0.07	0
23	Cirrhosis	0	0	2	0	2	0.01	0
24	Other Mental Disorders	0	0	1	1	2	0.01	0
25	Cervical Cancer	0	0	0	1	1	0.01	0
Total		1190	1111	5985	7835	16121	100	24

### Morbidity cases reported from BHUs - Tsirang Dzongkhag, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	118	101	1377	1747	3343	29.56	95
2	Cough & Colds	210	245	1024	1359	2838	25.09	0
3	Skin Diseases (other than scabies)	125	113	404	468	1110	9.81	0
4	Diarrhoea	97	91	223	250	661	5.84	0
5	Eye Diseases (Conjunctivitis)	43	45	196	332	616	5.45	0
6	Peptic Ulcer Syndrome	1	3	199	270	473	4.18	0
7	Injuries/Fractures	10	21	257	135	423	3.74	0
8	Worms	47	60	133	141	381	3.37	9
9	Dysentery (bacillary or amoebic)	32	42	119	126	319	2.82	0
10	Ear Diseases	47	44	101	105	297	2.63	0
11	Diseases of Teeth and Gums	0	2	96	129	227	2.01	0
12	Pneumonia	24	23	26	58	131	1.16	0
13	Scabies	6	9	57	42	114	1.01	5
14	UTI (other than STD)	1	2	31	62	96	0.85	0
15	Anaemia	1	0	17	75	93	0.82	0
16	Bites/Stings	3	5	31	28	67	0.59	0
17	Urethral Discharge (susp. STD)	0	0	16	14	30	0.27	0
18	Malaria	1	0	16	8	25	0.22	0
19	Genital Ulcer (susp. STD)	0	0	11	8	19	0.17	0
20	Hypertension	0	0	8	10	18	0.16	0
21	Vaginal Discharge (susp. STD)	0	0	0	17	17	0.15	0
22	Hepatitis(Jaundice)	0	0	2	4	6	0.05	0
23	Other Mental Disorders	0	0	1	2	3	0.03	0
24	Cirrhosis	0	0	0	2	2	0.02	0
25	Cervical Cancer	0	0	0	1	1	0.01	0
Total		766	806	4345	5393	11310	100	109



### Morbidity cases reported from BHUs - Wangdi Dzongkhag, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	1349	1449	4908	5485	13191	28.20	0
2	All Other New Cases	334	410	3132	3506	7382	15.78	2
3	Eye Diseases (Conjunctivitis)	359	402	1604	1791	4156	8.88	0
4	Diarrhoea	657	615	1284	1286	3842	8.21	88
5	Skin Diseases (other than scabies)	311	319	1550	1397	3577	7.65	0
6	Peptic Ulcer Syndrome	2	9	1362	1716	3089	6.60	2
7	Dysentery (bacillary or amoebic)	247	287	643	553	1730	3.70	57
8	Pneumonia	326	333	473	519	1651	3.53	2
9	Injuries/Fractures	83	81	844	415	1423	3.04	0
10	Worms	159	197	450	496	1302	2.78	2
11	Ear Diseases	159	186	416	444	1205	2.58	0
12	Scabies	124	157	323	291	895	1.91	0
13	Anaemia	38	40	231	546	855	1.83	0
14	Diseases of Teeth and Gums	12	22	377	429	840	1.80	0
15	UTI (other than STD)	33	62	219	315	629	1.34	1
16	Hypertension	0	0	208	249	457	0.98	0
17	Bites/Stings	48	46	140	156	390	0.83	1
18	Urethral Discharge (susp. STD)	0	0	41	25	66	0.14	0
19	Cirrhosis	0	0	12	24	36	0.08	0
20	Genital Ulcer (susp. STD)	0	0	13	8	21	0.04	0
21	Vaginal Discharge (susp. STD)	0	0	0	17	17	0.04	0
22	Hepatitis(Jaundice)	0	0	12	4	16	0.03	0
23	Malaria	0	0	5	4	9	0.02	0
24	Other Mental Disorders	0	0	3	0	3	0.01	0
<b>Total</b>		<b>4241</b>	<b>4615</b>	<b>18250</b>	<b>19676</b>	<b>46782</b>	<b>100</b>	<b>155</b>

### Morbidity cases reported from BHUs - Yangtse Dzongkhag, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	386	393	2139	2443	5361	25.88	0
2	All Other New Cases	139	114	1533	1925	3711	17.92	2
3	Skin Diseases (other than scabies)	210	253	927	852	2242	10.83	0
4	Diarrhoea	288	292	811	719	2110	10.19	0
5	Eye Diseases (Conjunctivitis)	124	143	621	904	1792	8.65	0
6	Dysentery (bacillary or amoebic)	195	196	519	490	1400	6.76	0
7	Peptic Ulcer Syndrome	2	2	390	629	1023	4.94	0
8	Injuries/Fractures	24	14	518	193	749	3.62	25
9	Diseases of Teeth and Gums	4	8	228	320	560	2.70	1
10	Worms	44	44	182	236	506	2.44	0
11	Ear Diseases	65	76	152	195	488	2.36	6
12	UTI (other than STD)	6	4	75	108	193	0.93	5
13	Pneumonia	76	73	10	21	180	0.87	2
14	Scabies	9	11	78	55	153	0.74	0
15	Bites/Stings	4	2	31	22	59	0.28	0
16	Anaemia	0	0	15	42	57	0.28	0
17	Hypertension	0	0	22	21	43	0.21	0
18	Genital Ulcer (susp. STD)	0	0	16	8	24	0.12	0
19	Vaginal Discharge (susp. STD)	0	0	0	19	19	0.09	0
20	Hepatitis(Jaundice)	0	1	8	7	18	0.09	0
21	Urethral Discharge (susp. STD)	0	0	14	0	14	0.07	0
22	Other Mental Disorders	0	0	3	5	8	0.04	1
23	Cirrhosis	0	0	0	1	1	0.00	0
<b>Total</b>		<b>1576</b>	<b>1626</b>	<b>8292</b>	<b>9217</b>	<b>20711</b>	<b>100</b>	<b>42</b>

# Morbidity cases reported from BHUs - Zhemgang Dzongkhag, 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	375	374	1974	2419	5142	25.54	1
2	All Other New Cases	177	184	1729	2098	4188	20.80	3
3	Diarrhoea	298	276	668	808	2050	10.18	0
4	Skin Diseases (other than scabies)	174	201	721	721	1817	9.02	3
5	Eye Diseases (Conjunctivitis)	111	106	501	767	1485	7.38	1
6	Peptic Ulcer Syndrome	8	12	518	694	1232	6.12	3
7	Worms	65	65	369	540	1039	5.16	0
8	Injuries/Fractures	34	22	552	244	852	4.23	1
9	Diseases of Teeth and Gums	3	12	230	349	594	2.95	1
10	Dysentery (bacillary or amoebic)	70	74	123	145	412	2.05	0
11	Ear Diseases	53	75	111	158	397	1.97	2
12	Pneumonia	53	68	40	56	217	1.08	1
13	UTI (other than STD)	10	3	79	108	200	0.99	1
14	Anaemia	4	7	29	85	125	0.62	0
15	Hypertension	0	0	36	50	86	0.43	1
16	Malaria	4	0	39	41	84	0.42	0
17	Scabies	7	2	34	17	60	0.30	0
18	Bites/Stings	2	4	25	22	53	0.26	0
19	Urethral Discharge (susp. STD)	0	1	12	13	26	0.13	0
20	Genital Ulcer (susp. STD)	0	2	5	19	26	0.13	0
21	Hepatitis(Jaundice)	1	2	10	9	22	0.11	0
22	Vaginal Discharge (susp. STD)	0	0	0	18	18	0.09	0
23	Other Mental Disorders	0	0	5	2	7	0.03	0
24	Cirrhosis	0	0	2	1	3	0.01	0
Total		1449	1490	7812	9384	20135	100	18

## Hospital morbidity cases reported for Bhutan - 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	14394	14819	47484	42804	119501	20.83	12
2	All Other New Cases	6050	6658	39984	37267	89959	15.68	134
3	Skin Diseases (other than scabies)	5483	5501	23473	17335	51792	9.03	17
4	Diarrhoea	5746	5135	13403	9482	33766	5.89	3
5	Other Respiratory Diseases	3013	3043	13577	13150	32783	5.71	16
6	Peptic Ulcer Syndrome	158	268	12103	13304	25833	4.50	61
7	Dysentery (bacillary or amoebic)	3067	2935	8014	5644	19660	3.43	2
8	Diseases of Teeth and Gums	584	603	8807	7451	17445	3.04	21
9	Injuries/Fractures	698	759	10535	3894	15886	2.77	40
10	Other Musculo-skeletal Disease	280	294	8815	6461	15850	2.76	9
11	Other Disease of Digestive System	824	858	7049	7012	15743	2.74	9
12	Eye Diseases (Conjunctivitis)	1355	1433	6610	5712	15110	2.63	83
13	Dental Caries	404	427	6648	6133	13612	2.37	104
14	Ear Diseases	1578	1457	4785	4078	11898	2.07	8
15	Worms	1325	1323	4026	3372	10046	1.75	11
16	UTI (other than STD)	193	230	3518	5521	9462	1.65	30
17	Hypertension	0	0	4359	4656	9015	1.57	34
18	Other Eye Diseases	351	390	4070	3503	8314	1.45	15
19	Anaemia	122	194	2212	3999	6527	1.14	28
20	Scabies	635	844	2587	1884	5950	1.04	0
21	Pneumonia	1643	1548	1104	927	5222	0.91	18
22	Other Nutritional Deficiencies	551	594	1884	1624	4653	0.81	3
23	Arthritis	14	43	1813	1729	3599	0.63	3
24	Malaria	175	203	2015	1185	3578	0.62	17
25	Industrial/Occupational Injuries	85	77	2302	1016	3480	0.61	3
26	Bites/Stings	219	174	1539	949	2881	0.50	4
27	Other Ear Problems	201	230	1194	1036	2661	0.46	6
28	Protein Energy Malnutrition	222	222	876	831	2151	0.37	0
29	Menstrual Disturbances	0	0	0	1768	1768	0.31	2
30	Other Circulatory Diseases	36	37	746	763	1582	0.28	2
31	Genital Ulcer (susp. STD)	3	2	488	790	1283	0.22	2
32	Urethral Discharge (susp. STD)	6	7	779	407	1199	0.21	0
33	Burns & Scalds	147	125	509	367	1148	0.20	0
34	Other Disorders of Nervous System	9	20	524	523	1076	0.19	2
35	Diseases of Breast	0	1	0	1008	1009	0.18	5
36	Rheumatic Heart Disease	5	18	465	512	1000	0.17	5
37	Motor Vehicle Injuries	20	14	624	273	931	0.16	6
38	Vaginal Discharge (susp. STD)	0	6	0	894	900	0.16	1
39	Cerebro-vascular Diseases	6	4	443	377	830	0.14	0
40	Epilepsy	18	21	471	309	819	0.14	4

**Hospital morbidity cases reported for Bhutan - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
41	Hepatitis(Jaundice)	78	56	351	246	731	0.13	3
42	Pelvic Inflammatory Disease	0	9	0	707	716	0.12	1
43	Diabetes	0	1	396	304	701	0.12	0
44	Other Mental Disorders	22	25	130	110	287	0.05	1
45	Cirrhosis	0	1	100	137	238	0.04	1
46	Cataract	1	2	126	98	227	0.04	0
47	Anxiety	0	0	64	99	163	0.03	1
48	Depression	1	0	58	98	157	0.03	0
49	Congenital Deformities	4	7	106	40	157	0.03	1
50	Psychosis	0	2	72	58	132	0.02	1
51	Other Neoplasms	7	5	54	65	131	0.02	2
52	Gall Bladder Disease	1	1	46	49	97	0.02	0
53	Other Blood Disorders	1	0	20	24	45	0.01	0
54	Cervical Cancer	0	0	0	21	21	0.00	0
55	Meningitis/Encephalitis	0	2	6	6	14	0.00	
<b>Total</b>		<b>49735</b>	<b>50628</b>	<b>251364</b>	<b>222012</b>	<b>573739</b>	<b>100</b>	<b>731</b>

**Hospital morbidity report for Bumthang Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	396	391	2086	1722	4595	31.39	0
2	Diarrhoea	159	150	660	417	1386	9.47	0
3	Peptic Ulcer Syndrome	0	0	699	673	1372	9.37	0
4	Skin Diseases (other than scabies)	87	87	737	396	1307	8.93	0
5	All Other New Cases	41	45	566	367	1019	6.96	0
6	Injuries/Fractures	11	19	369	121	520	3.55	0
7	Eye Diseases (Conjunctivitis)	28	38	185	174	425	2.90	0
8	Diseases of Teeth and Gums	15	17	232	154	418	2.86	0
9	Ear Diseases	56	39	138	134	367	2.51	0
10	Other Respiratory Diseases	11	9	175	152	347	2.37	0
11	Other Musculo-skeletal Disease	0	4	179	99	282	1.93	0
12	Other Disease of Disgestive System	14	12	106	120	252	1.72	0
13	Worms	31	37	90	82	240	1.64	0
14	UTI (other than STD)	4	5	62	150	221	1.51	0
15	Dysentery (bacillary or amoebic)	19	25	96	74	214	1.46	0
16	Dental Caries	9	12	109	72	202	1.38	0
17	Anaemia	3	5	58	114	180	1.23	0
18	Other Eye Diseases	2	1	63	66	132	0.90	0
19	Hypertension	0	0	76	54	130	0.89	0
20	Other Ear Problems	3	4	53	52	112	0.77	0
21	Arthritis	0	0	56	50	106	0.72	0
22	Urethral Discharge (susp. STD)	0	0	49	47	96	0.66	0
23	Scabies	3	7	60	20	90	0.61	0
24	Bites/Stings	3	5	45	24	77	0.53	0
25	Other Nutritional Deficiencies	8	7	30	26	71	0.48	0
26	Burns & Scalds	9	10	29	19	67	0.46	0
27	Pneumonia	20	21	13	6	60	0.41	0
28	Menstrual Disturbances	0	0	0	51	51	0.35	0
29	Vaginal Discharge (susp. STD)	0	0	0	48	48	0.33	0
30	Pelvic Inflammatory Disease	0	0	0	45	45	0.31	0
31	Industrial/Occupational Injuries	0	0	34	6	40	0.27	0
32	Other Circulatory Diseases	0	0	20	18	38	0.26	0
33	Diseases of Breast	0	0	0	32	32	0.22	0
34	Motor Vehicle Injuries	0	2	22	1	25	0.17	0
35	Other Mental Disorders	0	0	7	6	13	0.09	0
36	Genital Ulcer (susp. STD)	0	0	12	1	13	0.09	0
37	Epilepsy	0	0	9	4	13	0.09	0

**Hospital morbidity report for Bumthang Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
38	Protein Energy Malnutrition	2	3	2	3	10	0.07	0
39	Hepatitis(Jaundice)	2	0	6	1	9	0.06	0
40	Rheumatic Heart Disease	0	0	6	2	8	0.05	0
41	Depression	0	0	1	3	4	0.03	0
42	Cirrhosis	0	0	0	1	1	0.01	0
43	Cataract	0	0	0	1	1	0.01	0
44	Anxiety	0	0	0	1	1	0.01	0
<b>Total</b>		<b>936</b>	<b>955</b>	<b>7140</b>	<b>5609</b>	<b>14640</b>	<b>100</b>	<b>0</b>

**Hospital morbidity report for Tsimalakha Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	497	504	1141	1073	3215	24.34	0
2	Skin Diseases (other than scabies)	127	121	605	380	1233	9.34	0
3	All Other New Cases	91	96	502	423	1112	8.42	0
4	Diarrhoea	184	144	404	292	1024	7.75	0
5	Other Musculo-skeletal Disease	3	4	391	256	654	4.95	0
6	Peptic Ulcer Syndrome	9	6	300	303	618	4.68	0
7	Dental Caries	22	31	225	238	516	3.91	0
8	Other Disease of Digestive System	31	13	233	239	516	3.91	0
9	Other Eye Diseases	7	36	203	185	431	3.26	0
10	Dysentery (bacillary or amoebic)	72	66	163	93	394	2.98	0
11	Eye Diseases (Conjunctivitis)	17	33	179	157	386	2.92	0
12	Diseases of Teeth and Gums	4	8	193	164	369	2.79	0
13	Other Respiratory Diseases	32	26	167	133	358	2.71	0
14	Injuries/Fractures	15	13	224	76	328	2.48	0
15	Ear Diseases	37	23	110	80	250	1.89	0
16	Worms	37	28	81	78	224	1.70	0
17	Scabies	17	50	67	74	208	1.58	0
18	UTI (other than STD)	1	0	69	111	181	1.37	0
19	Anaemia	1	21	50	99	171	1.29	0
20	Hypertension	0	0	70	95	165	1.25	0
21	Other Disorders of Nervous System	0	2	49	50	101	0.76	0
22	Industrial/Occupational Injuries	1	2	64	31	98	0.74	0
23	Other Nutritional Deficiencies	11	11	44	31	97	0.73	0
24	Cerebro-vascular Diseases	0	3	43	38	84	0.64	0
25	Other Ear Problems	1	5	34	26	66	0.50	0
26	Bites/Stings	7	4	27	18	56	0.42	0
27	Menstrual Disturbances	0	0	0	53	53	0.40	0

**Hospital morbidity report for Tsimalakha Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
28	Pneumonia	17	11	5	5	38	0.29	0
29	Arthritis	0	0	19	13	32	0.24	0
30	Hepatitis(Jaundice)	5	0	11	10	26	0.20	0
31	Vaginal Discharge (susp. STD)	0	0	0	26	26	0.20	0
32	Motor Vehicle Injuries	2	0	18	2	22	0.17	0
33	Diseases of Breast	0	0	0	20	20	0.15	0
34	Burns & Scalds	3	2	7	6	18	0.14	0
35	Epilepsy	0	0	5	13	18	0.14	0
36	Other Neoplasms	0	0	7	10	17	0.13	0
37	Diabetes	0	1	10	4	15	0.11	0
38	Urethral Discharge (susp. STD)	0	0	10	4	14	0.11	0
39	Rheumatic Heart Disease	0	1	6	6	13	0.10	0
40	Pelvic Inflammatory Disease	0	0	0	9	9	0.07	0
41	Malaria	1	0	4	4	9	0.07	0
42	Genital Ulcer (susp. STD)	0	0	6	1	7	0.05	0
43	Other Circulatory Diseases	0	0	1	3	4	0.03	0
44	Other Blood Disorders	0	0	3	1	4	0.03	0
45	Gall Bladder Disease	0	0	2	0	2	0.02	0
46	Cirrhosis	0	0	1	1	2	0.02	0
47	Cataract	0	0	1	0	1	0.01	0
48	Depression	0	0	0	1	1	0.01	0
<b>Total</b>		<b>1252</b>	<b>1265</b>	<b>5754</b>	<b>4935</b>	<b>13206</b>	<b>100</b>	<b>0</b>

**Hospital morbidity report for Phuntsholing Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	1000	1014	2118	2165	6297	24.17	0
2	Skin Diseases (other than scabies)	450	407	1449	1113	3419	13.12	4
3	All Other New Cases	129	136	1152	1641	3058	11.74	28
4	Dental Caries	51	50	772	805	1678	6.44	0
5	Other Respiratory Diseases	102	126	653	775	1656	6.36	5
6	Other Musculo-skeletal Disease	12	11	661	697	1381	5.30	3
7	Diarrhoea	204	180	361	273	1018	3.91	0
8	Peptic Ulcer Syndrome	0	1	453	555	1009	3.87	4
9	Diseases of Teeth and Gums	16	23	475	485	999	3.83	1
10	Other Disease of Digestive System	26	19	308	512	865	3.32	6
11	Ear Diseases	103	84	266	253	706	2.71	3
12	Injuries/Fractures	36	22	324	119	501	1.92	2
13	Eye Diseases (Conjunctivitis)	33	25	171	144	373	1.43	1
14	Scabies	28	42	147	123	340	1.30	0



**Hospital morbidity report for Phuntsholing Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
15	Dysentery (bacillary or amoebic)	43	61	94	100	298	1.14	0
16	Other Eye Diseases	19	17	129	108	273	1.05	10
17	Worms	48	43	83	94	268	1.03	0
18	UTI (other than STD)	8	5	49	136	198	0.76	1
19	Vaginal Discharge (susp. STD)	0	1	0	193	194	0.74	0
20	Other Circulatory Diseases	10	10	76	85	181	0.69	0
21	Menstrual Disturbances	0	0	0	174	174	0.67	2
22	Bites/Stings	16	7	87	39	149	0.57	0
23	Hypertension	0	0	51	79	130	0.50	9
24	Other Nutritional Deficiencies	7	5	50	54	116	0.45	0
25	Diseases of Breast	0	0	0	109	109	0.42	1
26	Malaria	2	4	50	37	93	0.36	0
27	Other Disorders of Nervous System	1	1	43	40	85	0.33	1
28	Cirrhosis	0	0	6	66	72	0.28	0
29	Other Ear Problems	9	8	30	17	64	0.25	1
30	Motor Vehicle Injuries	0	0	32	7	39	0.15	0
31	Arthritis	1	0	18	15	34	0.13	0
32	Pneumonia	10	20	1	2	33	0.13	0
33	Genital Ulcer (susp. STD)	0	1	18	12	31	0.12	2
34	Urethral Discharge (susp. STD)	0	0	11	10	21	0.08	0
35	Diabetes	0	0	12	8	20	0.08	0
36	Cerebro-vascular Diseases	0	0	11	9	20	0.08	0
37	Industrial/Occupational Injuries	0	0	14	6	20	0.08	0
38	Burns & Scalds	1	1	15	2	19	0.07	0
39	Anaemia	0	1	3	15	19	0.07	0
40	Anxiety	0	0	7	8	15	0.06	0
41	Depression	0	0	2	12	14	0.05	1
42	Congenital Deformities	0	0	6	6	12	0.05	0
43	Epilepsy	1	1	5	3	10	0.04	1
44	Rheumatic Heart Disease	0	0	5	5	10	0.04	2
45	Other Neoplasms	2	1	3	1	7	0.03	1
46	Pelvic Inflammatory Disease	0	0	0	7	7	0.03	0
47	Other Mental Disorders	0	0	2	5	7	0.03	1
48	Hepatitis(Jaundice)	0	0	4	0	4	0.02	0
49	Psychosis	0	0	2	1	3	0.01	1
50	Other Blood Disorders	1	0	1	1	3	0.01	0
51	Gall Bladder Disease	0	0	1	1	2	0.01	2
52	Cataract	0	0	0	1	1	0.00	1
<b>Total</b>		<b>2369</b>	<b>2327</b>	<b>10231</b>	<b>11128</b>	<b>26055</b>	<b>100</b>	<b>94</b>

**Hospital morbidity report for IMTRAT MI ROOM (Phuntsholing) - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	310	487	1368	1356	3521	24.53	0
2	Other Respiratory Diseases	205	227	605	632	1669	11.63	0
3	Other Disease of Digestive System	130	166	615	691	1602	11.16	0
4	Skin Diseases (other than scabies)	166	191	458	464	1279	8.91	0
5	Cough & Colds	138	140	308	328	914	6.37	0
6	Other Nutritional Deficiencies	132	141	316	307	896	6.24	0
7	Diarrhoea	192	210	241	185	828	5.77	0
8	Dysentery (bacillary or amoebic)	197	174	214	167	752	5.24	0
9	Scabies	64	112	184	174	534	3.72	0
10	Worms	57	92	103	70	322	2.24	0
11	Anaemia	1	4	154	146	305	2.13	0
12	Other Musculo-skeletal Disease	0	0	108	132	240	1.67	0
13	Other Ear Problems	0	3	114	110	227	1.58	0
14	UTI (other than STD)	0	0	97	92	189	1.32	0
15	Eye Diseases (Conjunctivitis)	40	38	50	45	173	1.21	0
16	Ear Diseases	0	2	75	64	141	0.98	0
17	Hypertension	0	0	57	69	126	0.88	0
18	Arthritis	0	0	42	67	109	0.76	0
19	Other Mental Disorders	20	22	23	22	87	0.61	0
20	Injuries/Fractures	7	15	27	28	77	0.54	0
21	Diseases of Teeth and Gums	0	2	34	40	76	0.53	0
22	Peptic Ulcer Syndrome	0	0	28	29	57	0.40	0
23	Malaria	0	0	31	20	51	0.36	0
24	Diabetes	0	0	22	22	44	0.31	0
25	Cerebro-vascular Diseases	0	0	15	25	40	0.28	0
26	Rheumatic Heart Disease	0	0	15	18	33	0.23	0
27	Bites/Stings	0	0	17	10	27	0.19	0
28	Pneumonia	7	7	0	0	14	0.10	0
29	Other Neoplasms	0	0	5	3	8	0.06	0
30	Genital Ulcer (susp. STD)	0	0	3	4	7	0.05	0
31	Vaginal Discharge (susp. STD)	0	0	0	4	4	0.03	0
<b>Total</b>		<b>1666</b>	<b>2033</b>	<b>5329</b>	<b>5324</b>	<b>14352</b>	<b>100</b>	<b>0</b>

**Hospital morbidity report for Gidu Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	632	618	4968	4115	10333	27.33	0
2	Diarrhoea	453	357	1583	1022	3415	9.03	0
3	Diseases of Teeth and Gums	275	267	1508	866	2916	7.71	0
4	All Other New Cases	253	215	1144	827	2439	6.45	0
5	Peptic Ulcer Syndrome	49	63	880	660	1652	4.37	0
6	Injuries/Fractures	120	102	929	417	1568	4.15	0
7	Skin Diseases (other than scabies)	190	186	657	414	1447	3.83	0
8	Dysentery (bacillary or amoebic)	162	147	669	420	1398	3.70	0
9	Worms	260	250	466	372	1348	3.57	0
10	Other Musculo-skeletal Disease	67	82	721	475	1345	3.56	0
11	Eye Diseases (Conjunctivitis)	169	151	423	288	1031	2.73	0
12	Dental Caries	107	100	341	281	829	2.19	0
13	UTI (other than STD)	41	44	313	367	765	2.02	0
14	Scabies	95	97	363	200	755	2.00	0
15	Other Respiratory Diseases	67	61	293	291	712	1.88	0
16	Other Eye Diseases	124	93	229	191	637	1.68	0
17	Ear Diseases	149	123	187	140	599	1.58	0
18	Other Disease of Digestive System	48	51	211	180	490	1.30	0
19	Other Nutritional Deficiencies	98	102	158	128	486	1.29	0
20	Anaemia	29	35	141	278	483	1.28	0
21	Pneumonia	101	95	69	60	325	0.86	0
22	Genital Ulcer (susp. STD)	0	0	76	238	314	0.83	0
23	Hypertension	0	0	131	116	247	0.65	0
24	Malaria	24	22	120	79	245	0.65	0
25	Pelvic Inflammatory Disease	0	7	0	226	233	0.62	0
26	Bites/Stings	39	33	89	48	209	0.55	0
27	Protein Energy Malnutrition	23	18	94	46	181	0.48	0
28	Other Ear Problems	35	35	59	52	181	0.48	0
29	Arthritis	10	14	82	61	167	0.44	0
30	Urethral Discharge (susp. STD)	0	0	144	0	144	0.38	0
31	Burns & Scalds	19	21	54	39	133	0.35	0
32	Menstrual Disturbances	0	0	0	132	132	0.35	0
33	Vaginal Discharge (susp. STD)	0	0	0	105	105	0.28	0
34	Diseases of Breast	0	0	0	99	99	0.26	0
35	Motor Vehicle Injuries	11	7	50	24	92	0.24	0
36	Hepatitis(Jaundice)	10	12	42	22	86	0.23	0
37	Other Disorders of Nervous System	0	0	42	32	74	0.20	0
38	Epilepsy	2	2	19	11	34	0.09	0
39	Diabetes	0	0	17	12	29	0.08	0
40	Rheumatic Heart Disease	1	3	12	10	26	0.07	0
41	Cerebro-vascular Diseases	0	0	13	11	24	0.06	0

**Hospital morbidity report for Gidu Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
42	Anxiety	0	0	9	13	22	0.06	0
43	Depression	0	0	11	8	19	0.05	0
44	Cataract	0	0	9	8	17	0.04	0
45	Other Circulatory Diseases	0	0	6	5	11	0.03	0
46	Psychosis	0	0	5	3	8	0.02	0
47	Cirrhosis	0	0	2	0	2	0.01	0
48	Other Mental Disorders	0	0	1	0	1	0.00	0
<b>Total</b>		<b>3663</b>	<b>3413</b>	<b>17340</b>	<b>13392</b>	<b>37808</b>	<b>100</b>	<b>0</b>

**Hospital morbidity report for Chukha BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	520	513	1058	1063	3154	27.94	1
2	All Other New Cases	200	164	965	1180	2509	22.23	17
3	Skin Diseases (other than scabies)	150	133	487	397	1167	10.34	0
4	Peptic Ulcer Syndrome	14	11	382	404	811	7.19	4
5	Diarrhoea	127	110	166	167	570	5.05	0
6	Eye Diseases (Conjunctivitis)	58	59	179	252	548	4.86	0
7	Injuries/Fractures	44	25	312	118	499	4.42	11
8	Dysentery (bacillary or amoebic)	65	84	77	82	308	2.73	0
9	Worms	55	40	80	116	291	2.58	0
10	Ear Diseases	38	21	105	75	239	2.12	1
11	Anaemia	0	4	49	183	236	2.09	0
12	Pneumonia	98	79	32	27	236	2.09	10
13	Diseases of Teeth and Gums	10	10	72	130	222	1.97	0
14	Hypertension	0	0	76	89	165	1.46	0
15	UTI (other than STD)	2	8	43	99	152	1.35	3
16	Scabies	0	2	37	31	70	0.62	0
17	Bites/Stings	6	1	33	10	50	0.44	0
18	Genital Ulcer (susp. STD)	0	0	3	29	32	0.28	0
19	Vaginal Discharge (susp. STD)	0	0	0	14	14	0.12	0
20	Urethral Discharge (susp. STD)	0	0	8	4	12	0.11	0
21	Hepatitis(Jaundice)	0	0	0	1	1	0.01	0
22	Burns & Scalds	0	0	1	0	1	0.01	0
<b>Total</b>		<b>1387</b>	<b>1264</b>	<b>4165</b>	<b>4471</b>	<b>11287</b>	<b>100</b>	<b>47</b>

**Hospital morbidity report for Dagana BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref- erred
		Male	Female	Male	Female			
1	Cough & Colds	112	100	708	566	1486	18.05	0
2	All Other New Cases	35	29	634	560	1258	15.28	1
3	Skin Diseases (other than scabies)	49	51	408	290	798	9.69	0
4	Dysentery (bacillary or amoebic)	54	47	260	204	565	6.86	0
5	Peptic Ulcer Syndrome	0	1	297	254	552	6.70	2
6	Diseases of Teeth and Gums	4	3	239	304	550	6.68	0
7	Other Respiratory Diseases	6	3	228	171	408	4.96	2
8	Worms	40	33	123	113	309	3.75	0
9	Injuries/Fractures	11	5	198	81	295	3.58	0
10	Diarrhoea	26	22	115	119	282	3.42	0
11	Other Eye Diseases	5	8	88	89	190	2.31	2
12	Pneumonia	28	32	69	61	190	2.31	0
13	Eye Diseases (Conjunctivitis)	10	7	68	93	178	2.16	0
14	Other Musculo-skeletal Disease	0	0	90	55	145	1.76	0
15	Ear Diseases	11	15	58	52	136	1.65	0
16	Other Disease of Digestive System	9	6	58	53	126	1.53	2
17	Anaemia	1	0	35	77	113	1.37	0
18	Other Nutritional Deficiencies	0	1	75	28	104	1.26	0
19	Dental Caries	0	0	47	54	101	1.23	0
20	UTI (other than STD)	0	2	34	47	83	1.01	0
21	Bites/Stings	4	2	30	41	77	0.94	0
22	Scabies	1	4	35	19	59	0.72	0
23	Other Ear Problems	1	2	26	17	46	0.56	1
24	Hypertension	0	0	19	25	44	0.53	0
25	Other Disorders of Nervous System	0	0	13	18	31	0.38	0
26	Burns & Scalds	6	5	6	5	22	0.27	0
27	Hepatitis(Jaundice)	0	0	10	7	17	0.21	0
28	Menstrual Disturbances	0	0	0	14	14	0.17	0
29	Arthritis	0	0	5	7	12	0.15	0
30	Pelvic Inflammatory Disease	0	0	0	10	10	0.12	1
31	Other Circulatory Diseases	0	0	4	5	9	0.11	0
32	Vaginal Discharge (susp. STD)	0	0	0	5	5	0.06	0
33	Other Mental Disorders	0	0	2	0	2	0.02	0
34	Depression	0	0	0	2	2	0.02	0
35	Cataract	0	0	0	2	2	0.02	0
36	Anxiety	0	0	1	1	2	0.02	0
37	Diseases of Breast	0	0	0	2	2	0.02	0

**Hospital morbidity report for Dagana BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
38	Rheumatic Heart Disease	0	0	1	1	2	0.02	1
39	Cirrhosis	0	0	1	0	1	0.01	0
40	Other Blood Disorders	0	0	0	1	1	0.01	0
41	Urethral Discharge (susp. STD)	0	1	0	0	1	0.01	0
42	Malaria	0	0	0	1	1	0.01	0
43	Genital Ulcer (susp. STD)	0	0	1	0	1	0.01	0
44	Industrial/Occupational Injuries	0	0	1	0	1	0.01	0
45	Epilepsy	0	0	0	1	1	0.01	0
<b>Total</b>		<b>413</b>	<b>379</b>	<b>3987</b>	<b>3455</b>	<b>8234</b>	<b>100</b>	<b>12</b>

**Hospital morbidity report for Haa IMTRAT Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Diseases of Teeth and Gums	12	18	1241	1122	2393	15.04	0
2	Other Disease of Digestive System	106	117	836	853	1912	12.02	0
3	Other Respiratory Diseases	178	171	778	628	1755	11.03	0
4	All Other New Cases	30	38	370	421	859	5.40	0
5	Worms	19	22	409	346	796	5.00	0
6	Diarrhoea	99	121	248	231	699	4.39	0
7	Skin Diseases (other than scabies)	17	21	328	326	692	4.35	0
8	Dysentery (bacillary or amoebic)	101	92	247	229	669	4.21	0
9	UTI (other than STD)	11	13	378	259	661	4.15	0
10	Other Nutritional Deficiencies	41	36	274	206	557	3.50	0
11	Pneumonia	93	84	158	136	471	2.96	0
12	Protein Energy Malnutrition	32	31	188	189	440	2.77	0
13	Scabies	13	19	184	165	381	2.39	0
14	Genital Ulcer (susp. STD)	0	0	58	299	357	2.24	0
15	Peptic Ulcer Syndrome	6	4	186	146	342	2.15	0
16	Anaemia	0	0	181	146	327	2.06	0
17	Eye Diseases (Conjunctivitis)	4	2	163	136	305	1.92	0
18	Arthritis	0	0	149	131	280	1.76	0
19	Diabetes	0	0	141	118	259	1.63	0
20	Ear Diseases	24	15	104	85	228	1.43	0
21	Industrial/Occupational Injuries	4	5	115	102	226	1.42	0
22	Hypertension	0	0	122	94	216	1.36	0
23	Cerebro-vascular Diseases	0	0	127	80	207	1.30	0
24	Other Musculo-skeletal Disease	0	0	75	62	137	0.86	0
25	Cough & Colds	5	8	64	55	132	0.83	0

**Hospital morbidity report for Haa IMTRAT Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
26	Rheumatic Heart Disease	0	0	66	66	132	0.83	0
27	Burns & Scalds	0	0	54	41	95	0.60	0
28	Other Disorders of Nervous System	0	0	34	29	63	0.40	0
29	Other Circulatory Diseases	0	0	35	19	54	0.34	0
30	Injuries/Fractures	2	1	33	15	51	0.32	0
31	Diseases of Breast	0	0	0	49	49	0.31	0
32	Epilepsy	0	0	18	19	37	0.23	0
33	Bites/Stings	0	0	17	17	34	0.21	0
34	Cataract	0	0	10	14	24	0.15	0
35	Motor Vehicle Injuries	0	0	15	5	20	0.13	0
36	Menstrual Disturbances	0	0	0	17	17	0.11	0
37	Other Mental Disorders	0	0	7	4	11	0.07	0
38	Hepatitis(Jaundice)	0	0	9	1	10	0.06	0
39	Congenital Deformities	0	0	4	3	7	0.04	0
40	Gall Bladder Disease	0	0	1	2	3	0.02	0
41	Malaria	0	0	0	1	1	0.01	0
<b>Total</b>		<b>797</b>	<b>818</b>	<b>7427</b>	<b>6867</b>	<b>15909</b>	<b>100</b>	<b>0</b>

**Hospital morbidity report for Bali BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	70	71	723	770	1634	26.10	0
2	Cough & Colds	123	119	598	524	1364	21.79	0
3	Peptic Ulcer Syndrome	0	1	197	212	410	6.55	0
4	Skin Diseases (other than scabies)	25	22	120	122	289	4.62	0
5	Diarrhoea	40	20	122	84	266	4.25	0
6	Dental Caries	4	11	126	124	265	4.23	0
7	Injuries/Fractures	7	16	139	96	258	4.12	0
8	Other Disease of Digestive System	2	5	83	133	223	3.56	0
9	Dysentery (bacillary or amoebic)	30	16	106	48	200	3.19	0
10	Hypertension	0	0	71	93	164	2.62	0
11	Other Respiratory Diseases	13	8	79	60	160	2.56	0
12	Eye Diseases (Conjunctivitis)	9	8	66	56	139	2.22	0
13	Anaemia	0	5	47	72	124	1.98	0
14	Other Eye Diseases	4	5	35	44	88	1.41	0
15	Diseases of Teeth and Gums	2	0	32	45	79	1.26	0
16	Worms	9	8	34	27	78	1.25	0
17	Ear Diseases	6	5	34	27	72	1.15	0
18	Arthritis	0	0	20	45	65	1.04	0

**Hospital morbidity report for Bali BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
19	UTI (other than STD)	0	0	27	29	56	0.89	0
20	Scabies	4	6	26	9	45	0.72	0
21	Other Musculo-skelatal Disease	0	0	22	19	41	0.65	0
22	Other Nutritional Deficiencies	2	5	14	19	40	0.64	0
23	Bites/Stings	2	1	13	23	39	0.62	0
24	Protein Energy Malnutrition	1	1	18	13	33	0.53	0
25	Other Ear Problems	3	1	8	5	17	0.27	0
26	Burns & Scalds	2	3	7	5	17	0.27	0
27	Vaginal Discharge (susp. STD)	0	0	0	12	12	0.19	0
28	Depression	0	0	5	6	11	0.18	0
29	Epilepsy	0	0	2	8	10	0.16	0
30	Rheumatic Heart Disease	1	2	4	2	9	0.14	0
31	Malaria	0	2	1	5	8	0.13	0
32	Menstrual Disturbances	0	0	0	8	8	0.13	0
33	Pneumonia	4	3	0	0	7	0.11	0
34	Urethral Discharge (susp. STD)	0	0	5	2	7	0.11	0
35	Genital Ulcer (susp. STD)	0	0	4	0	4	0.06	0
36	Industrial/Occupational Injuries	0	0	3	1	4	0.06	0
37	Other Disorders of Nervous System	0	0	2	1	3	0.05	0
38	Other Blood Disorders	0	0	0	3	3	0.05	0
39	Congenital Deformities	0	0	2	1	3	0.05	0
40	Other Neoplasms	0	0	2	0	2	0.03	0
41	Pelvic Inflammatory Disease	0	0	0	1	1	0.02	0
42	Hepatitis(Jaundice)	0	0	0	1	1	0.02	0
43	Other Circulatory Diseases	1	0	0	0	1	0.02	0
<b>Total</b>		<b>364</b>	<b>344</b>	<b>2797</b>	<b>2755</b>	<b>6260</b>	<b>100</b>	<b>0</b>

**Hospital morbidity report for Lhuntse Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	153	232	929	861	2175	20.23	0
2	Cough & Colds	378	437	722	588	2125	19.77	0
3	Skin Diseases (other than scabies)	144	179	506	364	1193	11.10	0
4	Peptic Ulcer Syndrome	0	0	305	339	644	5.99	0
5	Other Disease of Digestive System	5	5	245	227	482	4.48	0
6	Other Respiratory Diseases	5	18	242	206	471	4.38	0
7	Eye Diseases (Conjunctivitis)	9	21	241	154	425	3.95	0
8	Dysentery (bacillary or amoebic)	44	50	202	88	384	3.57	0
9	Other Musculo-skelatal Disease	0	0	233	135	368	3.42	0
10	Diarrhoea	61	58	152	75	346	3.22	0



**Hospital morbidity report for Lhuntse Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref- erred
		Male	Female	Male	Female			
11	Dental Caries	1	4	135	111	251	2.34	0
12	Hypertension	0	0	128	93	221	2.06	0
13	Scabies	22	32	117	48	219	2.04	0
14	Industrial/Occupational Injuries	2	0	117	61	180	1.67	0
15	Injuries/Fractures	2	4	121	26	153	1.42	0
16	Ear Diseases	16	19	70	45	150	1.40	0
17	Worms	15	18	56	30	119	1.11	0
18	Diseases of Teeth and Gums	2	0	60	51	113	1.05	0
19	UTI (other than STD)	1	3	27	50	81	0.75	0
20	Rheumatic Heart Disease	0	0	32	45	77	0.72	0
21	Pneumonia	32	39	6	0	77	0.72	0
22	Epilepsy	0	2	38	33	73	0.68	0
23	Other Ear Problems	3	4	29	26	62	0.58	0
24	Bites/Stings	1	2	31	23	57	0.53	0
25	Other Eye Diseases	0	2	30	17	49	0.46	0
26	Hepatitis(Jaundice)	1	2	11	28	42	0.39	0
27	Arthritis	0	0	16	14	30	0.28	0
28	Genital Ulcer (susp. STD)	0	0	14	8	22	0.20	0
29	Anaemia	2	0	2	17	21	0.20	0
30	Menstrual Disturbances	0	0	0	16	16	0.15	0
31	Cerebro-vascular Diseases	0	0	9	6	15	0.14	0
32	Urethral Discharge (susp. STD)	0	0	11	2	13	0.12	0
33	Other Nutritional Deficiencies	2	0	4	7	13	0.12	0
34	Gall Bladder Disease	0	0	7	5	12	0.11	0
35	Vaginal Discharge (susp. STD)	0	0	0	10	10	0.09	0
36	Diabetes	0	0	9	1	10	0.09	0
37	Other Disorders of Nervous System	0	1	4	2	7	0.07	0
38	Pelvic Inflammatory Disease	0	0	0	7	7	0.07	0
39	Cirrhosis	0	0	2	4	6	0.06	0
40	Burns & Scalds	0	0	5	1	6	0.06	0
41	Psychosis	0	0	3	2	5	0.05	0
42	Motor Vehicle Injuries	0	0	4	1	5	0.05	0
43	Cataract	0	0	2	1	3	0.03	0
44	Protein Energy Malnutrition	0	0	1	1	2	0.02	0
45	Other Blood Disorders	0	0	2	0	2	0.02	0
46	Other Circulatory Diseases	0	0	1	1	2	0.02	0
47	Diseases of Breast	0	0	0	2	2	0.02	0
48	Other Mental Disorders	0	0	0	1	1	0.01	0
49	Anxiety	0	0	0	1	1	0.01	0
50	Depression	0	0	0	1	1	0.01	0
<b>Total</b>		<b>901</b>	<b>1132</b>	<b>4881</b>	<b>3835</b>	<b>10749</b>	<b>100</b>	<b>0</b>

### Hospital morbidity report for Mongar Hospital - 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	155	113	1694	1384	3346	20.86	0
2	Cough & Colds	177	194	1230	845	2446	15.25	0
3	Other Respiratory Diseases	102	102	641	549	1394	8.69	0
4	Skin Diseases (other than scabies)	98	82	688	438	1306	8.14	0
5	Dental Caries	5	3	438	382	828	5.16	0
6	Other Eye Diseases	14	7	415	352	788	4.91	0
7	Diseases of Teeth and Gums	5	6	348	315	674	4.20	0
8	Diarrhoea	100	65	296	138	599	3.73	0
9	Peptic Ulcer Syndrome	0	0	306	262	568	3.54	0
10	Other Musculo-skeletal Disease	0	0	372	182	554	3.45	0
11	Hypertension	0	0	234	209	443	2.76	0
12	Other Disease of Disgestive System	3	4	240	167	414	2.58	0
13	Eye Diseases (Conjunctivitis)	12	11	225	157	405	2.52	0
14	Ear Diseases	37	26	203	123	389	2.42	0
15	Injuries/Fractures	6	2	279	73	360	2.24	0
16	Dysentery (bacillary or amoebic)	27	27	199	91	344	2.14	0
17	UTI (other than STD)	6	5	118	97	226	1.41	0
18	Industrial/Occupational Injuries	1	1	85	37	124	0.77	0
19	Worms	10	4	40	24	78	0.49	0
20	Pneumonia	17	29	14	11	71	0.44	0
21	Anaemia	0	1	19	45	65	0.41	0
22	Scabies	5	4	30	12	51	0.32	0
23	Menstrual Disturbances	0	0	0	50	50	0.31	0
24	Other Circulatory Diseases	1	2	21	25	49	0.31	0
25	Bites/Stings	6	1	25	14	46	0.29	0
26	Arthritis	0	0	24	16	40	0.25	0
27	Epilepsy	1	2	24	10	37	0.23	0
28	Cataract	0	0	19	14	33	0.21	0
29	Hepatitis(Jaundice)	2	1	18	10	31	0.19	0
30	Cerebro-vascular Diseases	4	0	16	11	31	0.19	0
31	Other Ear Problems	0	1	14	15	30	0.19	0
32	Rheumatic Heart Disease	0	3	11	16	30	0.19	0
33	Urethral Discharge (susp. STD)	0	0	28	0	28	0.17	0
34	Other Nutritional Deficiencies	1	1	13	13	28	0.17	0
35	Pelvic Inflammatory Disease	0	0	0	24	24	0.15	0
36	Genital Ulcer (susp. STD)	1	0	7	13	21	0.13	0
37	Vaginal Discharge (susp. STD)	0	0	0	20	20	0.12	0
38	Burns & Scalds	5	2	5	1	13	0.08	0
39	Motor Vehicle Injuries	0	0	7	2	9	0.06	0
40	Diseases of Breast	0	0	0	9	9	0.06	0

### Hospital morbidity report for Mongar Hospital - 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
41	Diabetes	0	0	5	2	7	0.04	0
42	Malaria	0	0	4	2	6	0.04	0
43	Protein Energy Malnutrition	2	0	1	2	5	0.03	0
44	Depression	0	0	3	2	5	0.03	0
45	Cirrhosis	0	0	3	2	5	0.03	0
46	Other Mental Disorders	0	0	3	1	4	0.02	0
47	Cervical Cancer	0	0	0	2	2	0.01	0
48	Other Neoplasms	0	0	2	0	2	0.01	0
49	Psychosis	0	0	0	2	2	0.01	0
50	Other Disorders of Nervous System	0	0	0	1	1	0.01	0
51	Gall Bladder Disease	0	0	0	1	1	0.01	0
52	Anxiety	0	0	0	1	1	0.01	0
Total		803	699	8367	6174	16043	100	0

### Hospital morbidity report for Gyalposhing BHU I - 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	202	150	1382	615	2349	27.67	2
2	All Other New Cases	46	34	1163	496	1739	20.49	23
3	Skin Diseases (other than scabies)	80	73	694	233	1080	12.72	9
4	Injuries/Fractures	17	10	563	61	651	7.67	14
5	Dysentery (bacillary or amoebic)	42	39	233	82	396	4.66	1
6	Peptic Ulcer Syndrome	0	1	254	99	354	4.17	3
7	Diarrhoea	49	25	173	67	314	3.70	0
8	Eye Diseases (Conjunctivitis)	21	10	142	51	224	2.64	12
9	Diseases of Teeth and Gums	2	3	138	60	203	2.39	10
10	Ear Diseases	14	8	88	54	164	1.93	2
11	Worms	10	16	67	42	135	1.59	11
12	Pneumonia	50	19	34	28	131	1.54	6
13	Other Eye Diseases	5	3	55	33	96	1.13	2
14	UTI (other than STD)	2	2	51	36	91	1.07	3
15	Scabies	7	1	41	8	57	0.67	0
16	Other Disease of Digestive System	0	0	18	28	46	0.54	0
17	Dental Caries	0	0	24	19	43	0.51	4
18	Bites/Stings	3	0	27	11	41	0.48	0
19	Other Respiratory Diseases	3	6	21	10	40	0.47	0
20	Other Nutritional Deficiencies	1	1	34	4	40	0.47	0

### Hospital morbidity report for Gyalposhing BHU I - 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
21	Genital Ulcer (susp. STD)	0	0	19	18	37	0.44	0
22	Anaemia	0	1	22	13	36	0.42	3
23	Malaria	1	1	20	9	31	0.37	1
24	Hypertension	0	0	21	8	29	0.34	1
25	Gall Bladder Disease	1	0	23	5	29	0.34	0
26	Industrial/Occupational Injuries	0	0	22	2	24	0.28	2
27	Urethral Discharge (susp. STD)	0	0	18	0	18	0.21	0
28	Other Ear Problems	0	0	14	4	18	0.21	0
29	Burns & Scalds	1	4	9	1	15	0.18	0
30	Arthritis	0	0	13	2	15	0.18	0
31	Motor Vehicle Injuries	0	0	9	1	10	0.12	5
32	Menstrual Disturbances	0	0	0	5	5	0.06	0
33	Hepatitis(Jaundice)	0	1	3	1	5	0.06	1
34	Vaginal Discharge (susp. STD)	0	0	0	4	4	0.05	1
35	Other Disorders of Nervous System	0	0	3	0	3	0.04	0
36	Cirrhosis	0	0	2	1	3	0.04	2
37	Diseases of Breast	0	0	0	3	3	0.04	1
38	Other Musculo-skelatal Disease	0	0	3	0	3	0.04	0
39	Other Mental Disorders	0	0	1	1	2	0.02	0
40	Other Blood Disorders	0	0	2	0	2	0.02	0
41	Epilepsy	0	0	1	0	1	0.01	0
42	Rheumatic Heart Disease	0	0	1	0	1	0.01	1
43	Cataract	0	0	1	0	1	0.01	0
<b>Total</b>		<b>557</b>	<b>408</b>	<b>5409</b>	<b>2115</b>	<b>8489</b>	<b>100</b>	<b>120</b>

### Hospital morbidity report for Paro Hospital - 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	734	912	2640	3338	7624	30.57	0
2	All Other New Cases	142	123	1225	1645	3135	12.57	0
3	Peptic Ulcer Syndrome	5	3	813	1331	2152	8.63	0
4	Skin Diseases (other than scabies)	141	135	808	790	1874	7.51	0
5	Diarrhoea	283	226	506	461	1476	5.92	0
6	Other Musculo-skelatal Disease	9	11	682	729	1431	5.74	0
7	Injuries/Fractures	57	42	899	360	1358	5.44	0
8	Dental Caries	16	18	493	527	1054	4.23	0
9	Other Eye Diseases	11	16	263	246	536	2.15	0
10	Other Disease of Disgestive System	33	17	219	257	526	2.11	0
11	Eye Diseases (Conjunctivitis)	24	19	180	187	410	1.64	69

**Hospital morbidity report for Paro Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
12	UTI (other than STD)	5	7	110	266	388	1.56	0
13	Ear Diseases	31	36	145	146	358	1.44	0
14	Dysentery (bacillary or amoebic)	32	36	121	123	312	1.25	0
15	Other Respiratory Diseases	16	20	115	127	278	1.11	0
16	Diseases of Teeth and Gums	9	4	133	125	271	1.09	0
17	Hypertension	0	0	125	138	263	1.05	0
18	Bites/Stings	5	4	102	80	191	0.77	0
19	Worms	32	27	58	63	180	0.72	0
20	Pneumonia	41	40	39	41	161	0.65	0
21	Anaemia	0	0	25	133	158	0.63	0
22	Motor Vehicle Injuries	3	3	66	32	104	0.42	0
23	Arthritis	0	0	49	45	94	0.38	0
24	Pelvic Inflammatory Disease	0	0	0	91	91	0.36	0
25	Menstrual Disturbances	0	0	0	80	80	0.32	0
26	Industrial/Occupational Injuries	2	0	46	18	66	0.26	0
27	Burns & Scalds	8	9	23	16	56	0.22	0
28	Scabies	6	3	22	15	46	0.18	0
29	Urethral Discharge (susp. STD)	0	0	33	2	35	0.14	0
30	Other Circulatory Diseases	0	0	20	14	34	0.14	0
31	Other Ear Problems	0	1	10	16	27	0.11	0
32	Vaginal Discharge (susp. STD)	0	1	0	25	26	0.10	0
33	Diseases of Breast	0	0	0	22	22	0.09	0
34	Anxiety	0	0	8	12	20	0.08	0
35	Rheumatic Heart Disease	0	0	6	12	18	0.07	0
36	Other Nutritional Deficiencies	0	2	6	7	15	0.06	0
37	Depression	0	0	7	7	14	0.06	0
38	Other Neoplasms	0	0	5	9	14	0.06	0
39	Cataract	0	0	4	4	8	0.03	0
40	Hepatitis(Jaundice)	2	0	4	2	8	0.03	0
41	Other Blood Disorders	0	0	1	6	7	0.03	0
42	Genital Ulcer (susp. STD)	0	0	2	2	4	0.02	0
43	Psychosis	0	0	3	0	3	0.01	0
44	Epilepsy	0	0	1	2	3	0.01	0
45	Gall Bladder Disease	0	0	0	3	3	0.01	0
46	Other Mental Disorders	0	0	2	0	2	0.01	0
47	Meningitis/Encephalitis	0	0	1	1	2	0.01	0
48	Cirrhosis	0	0	0	2	2	0.01	0
49	Other Disorders of Nervous System	0	0	1	1	2	0.01	0
50	Protein Energy Malnutrition	0	1	0	0	1	0.00	0
<b>Total</b>		<b>1647</b>	<b>1716</b>	<b>10021</b>	<b>11559</b>	<b>24943</b>	<b>100</b>	<b>69</b>

**Hospital morbidity report for Paro IMTRAT Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	365	401	702	841	2309	23.04	0
2	Other Respiratory Diseases	120	156	567	682	1525	15.22	0
3	Other Disease of Digestive System	60	67	460	503	1090	10.88	0
4	Dysentery (bacillary or amoebic)	101	101	265	263	730	7.28	0
5	All Other New Cases	22	19	207	243	491	4.90	0
6	Diarrhoea	81	88	149	169	487	4.86	0
7	Peptic Ulcer Syndrome	0	0	193	251	444	4.43	0
8	Scabies	45	58	132	147	382	3.81	0
9	Arthritis	0	0	144	169	313	3.12	0
10	Skin Diseases (other than scabies)	3	3	118	155	279	2.78	0
11	Eye Diseases (Conjunctivitis)	15	27	95	108	245	2.44	0
12	Pneumonia	89	97	22	29	237	2.37	0
13	Diseases of Teeth and Gums	2	8	109	108	227	2.27	0
14	Other Musculo-skeletal Disease	0	0	86	126	212	2.12	0
15	UTI (other than STD)	0	0	73	122	195	1.95	0
16	Worms	0	0	63	69	132	1.32	0
17	Injuries/Fractures	5	9	50	67	131	1.31	0
18	Hypertension	0	0	51	43	94	0.94	0
19	Ear Diseases	0	0	40	51	91	0.91	0
20	Cerebro-vascular Diseases	0	0	44	44	88	0.88	0
21	Other Ear Problems	6	3	29	36	74	0.74	0
22	Other Nutritional Deficiencies	9	12	20	26	67	0.67	0
23	Motor Vehicle Injuries	0	1	26	18	45	0.45	0
24	Anaemia	2	6	14	19	41	0.41	0
25	Industrial/Occupational Injuries	0	0	19	17	36	0.36	0
26	Vaginal Discharge (susp. STD)	0	0	0	23	23	0.23	0
27	Diabetes	0	0	6	6	12	0.12	0
28	Genital Ulcer (susp. STD)	0	0	6	1	7	0.07	0
29	Burns & Scalds	0	0	2	4	6	0.06	0
30	Bites/Stings	0	0	3	0	3	0.03	0
31	Menstrual Disturbances	0	0	0	3	3	0.03	0
32	Diseases of Breast	0	0	0	2	2	0.02	0
Total		925	1056	3695	4345	10021	100	0

**Hospital morbidity report for Pemagatshel Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	309	226	1025	897	2457	23.27	0
2	All Other New Cases	50	36	616	828	1530	14.49	1
3	Skin Diseases (other than scabies)	102	95	448	381	1026	9.72	0
4	Diarrhoea	168	64	297	188	717	6.79	0
5	Other Respiratory Diseases	21	21	193	279	514	4.87	0
6	Peptic Ulcer Syndrome	0	0	151	278	429	4.06	0
7	Dysentery (bacillary or amoebic)	69	42	192	104	407	3.86	0
8	Dental Caries	4	39	182	155	380	3.60	0
9	Other Musculo-skeletal Disease	0	0	180	190	370	3.50	2
10	UTI (other than STD)	6	5	79	230	320	3.03	0
11	Other Disease of Digestive System	4	0	125	151	280	2.65	0
12	Ear Diseases	26	22	102	107	257	2.43	0
13	Pneumonia	122	67	25	26	240	2.27	0
14	Other Eye Diseases	5	5	99	117	226	2.14	0
15	Injuries/Fractures	5	9	141	56	211	2.00	0
16	Hypertension	0	0	81	117	198	1.88	0
17	Eye Diseases (Conjunctivitis)	12	7	53	53	125	1.18	0
18	Diseases of Teeth and Gums	4	2	39	35	80	0.76	0
19	Other Ear Problems	1	4	35	40	80	0.76	0
20	Worms	18	8	21	32	79	0.75	0
21	Other Nutritional Deficiencies	12	8	27	29	76	0.72	0
22	Industrial/Occupational Injuries	2	3	40	27	72	0.68	0
23	Anaemia	0	0	16	45	61	0.58	0
24	Other Circulatory Diseases	0	0	17	32	49	0.46	0
25	Other Disorders of Nervous System	0	0	15	33	48	0.45	0
26	Bites/Stings	1	1	16	20	38	0.36	0
27	Menstrual Disturbances	0	0	0	29	29	0.27	0
28	Burns & Scalds	4	3	13	8	28	0.27	0
29	Diseases of Breast	0	0	0	25	25	0.24	0
30	Epilepsy	0	0	9	14	23	0.22	2
31	Vaginal Discharge (susp. STD)	0	0	0	21	21	0.20	0
32	Urethral Discharge (susp. STD)	0	0	12	7	19	0.18	0
33	Scabies	1	1	10	7	19	0.18	0
34	Cirrhosis	0	0	8	7	15	0.14	0
35	Pelvic Inflammatory Disease	0	0	0	15	15	0.14	0
36	Rheumatic Heart Disease	0	0	9	5	14	0.13	0
37	Arthritis	0	0	5	9	14	0.13	0
38	Cerebro-vascular Diseases	0	0	6	3	9	0.09	0
39	Hepatitis(Jaundice)	0	0	6	2	8	0.08	0
40	Genital Ulcer (susp. STD)	0	0	6	1	7	0.07	0

**Hospital morbidity report for Pemagatshel Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
41	Cataract	0	0	2	5	7	0.07	0
42	Diabetes	0	0	3	3	6	0.06	0
43	Malaria	0	0	3	3	6	0.06	0
44	Motor Vehicle Injuries	0	0	5	0	5	0.05	0
45	Other Mental Disorders	0	0	3	2	5	0.05	0
46	Depression	0	0	2	2	4	0.04	0
47	Protein Energy Malnutrition	0	0	0	3	3	0.03	0
48	Other Neoplasms	0	1	1	0	2	0.02	0
49	Other Blood Disorders	0	0	0	1	1	0.01	0
50	Gall Bladder Disease	0	0	1	0	1	0.01	0
51	Congenital Deformities	0	0	0	1	1	0.01	0
<b>Total</b>		<b>946</b>	<b>669</b>	<b>4319</b>	<b>4623</b>	<b>10557</b>	<b>100</b>	<b>5</b>

**Hospital morbidity report for Punakha Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	766	784	3034	2738	7322	25.15	8
2	All Other New Cases	156	178	1782	1787	3903	13.40	33
3	Skin Diseases (other than scabies)	301	319	1875	1188	3683	12.65	2
4	Diarrhoea	297	301	801	561	1960	6.73	0
5	Other Respiratory Diseases	113	104	529	550	1296	4.45	5
6	Peptic Ulcer Syndrome	6	9	602	638	1255	4.31	4
7	Dental Caries	17	19	524	397	957	3.29	2
8	Dysentery (bacillary or amoebic)	149	143	361	270	923	3.17	1
9	Other Musculo-skeletal Disease	3	7	518	340	868	2.98	1
10	Other Disease of Digestive System	12	12	380	382	786	2.70	1
11	Eye Diseases (Conjunctivitis)	57	63	321	327	768	2.64	0
12	Ear Diseases	95	89	283	209	676	2.32	2
13	Other Eye Diseases	14	16	298	234	562	1.93	1
14	Injuries/Fractures	23	13	389	122	547	1.88	1
15	Diseases of Teeth and Gums	15	13	273	233	534	1.83	0
16	UTI (other than STD)	14	15	166	313	508	1.74	1
17	Industrial/Occupational Injuries	14	11	268	112	405	1.39	0
18	Other Nutritional Deficiencies	18	25	126	117	286	0.98	1
19	Pneumonia	90	108	47	31	276	0.95	0
20	Worms	46	29	106	90	271	0.93	0
21	Anaemia	3	2	38	123	166	0.57	2
22	Hypertension	0	0	78	60	138	0.47	0
23	Bites/Stings	7	6	73	46	132	0.45	0



**Hospital morbidity report for Punakha Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
24	Other Ear Problems	13	10	58	51	132	0.45	3
25	Arthritis	0	1	62	43	106	0.36	3
26	Scabies	10	18	46	28	102	0.35	0
27	Other Disorders of Nervous System	1	0	53	41	95	0.33	0
28	Menstrual Disturbances	0	0	0	81	81	0.28	0
29	Urethral Discharge (susp. STD)	0	0	46	1	47	0.16	0
30	Burns & Scalds	6	6	18	10	40	0.14	0
31	Genital Ulcer (susp. STD)	1	0	26	13	40	0.14	0
32	Vaginal Discharge (susp. STD)	0	0	0	33	33	0.11	0
33	Pelvic Inflammatory Disease	0	0	0	28	28	0.10	0
34	Diseases of Breast	0	0	0	27	27	0.09	1
35	Hepatitis(Jaundice)	4	3	8	9	24	0.08	0
36	Motor Vehicle Injuries	0	0	20	3	23	0.08	0
37	Other Mental Disorders	1	0	10	9	20	0.07	0
38	Other Circulatory Diseases	0	1	12	3	16	0.05	2
39	Cerebro-vascular Diseases	0	0	6	9	15	0.05	0
40	Protein Energy Malnutrition	2	3	6	4	15	0.05	0
41	Cataract	0	0	7	5	12	0.04	0
42	Epilepsy	1	0	6	4	11	0.04	1
43	Anxiety	0	0	0	7	7	0.02	0
44	Rheumatic Heart Disease	0	0	5	1	6	0.02	0
45	Depression	0	0	0	3	3	0.01	0
46	Other Neoplasms	0	0	0	3	3	0.01	0
47	Cirrhosis	0	0	3	0	3	0.01	1
48	Psychosis	0	0	2	0	2	0.01	0
49	Other Blood Disorders	0	0	2	0	2	0.01	0
50	Gall Bladder Disease	0	0	0	2	2	0.01	0
51	Malaria	1	0	0	0	1	0.00	0
<b>Total</b>		<b>2256</b>	<b>2308</b>	<b>13268</b>	<b>11286</b>	<b>29118</b>	<b>100</b>	<b>76</b>

### Hospital morbidity report for Samtse Hospital - 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	621	585	1495	1602	4303	24.94	0
2	Skin Diseases (other than scabies)	244	211	976	727	2158	12.51	0
3	Other Respiratory Diseases	171	131	740	838	1880	10.90	0
4	Diarrhoea	220	210	385	332	1147	6.65	0
5	Other Musculo-skeletal Disease	49	38	455	384	926	5.37	0
6	Peptic Ulcer Syndrome	15	11	326	371	723	4.19	0
7	Other Disease of Digestive System	15	28	263	322	628	3.64	0
8	Ear Diseases	45	61	261	227	594	3.44	0
9	Injuries/Fractures	24	45	350	157	576	3.34	0
10	Dental Caries	33	33	245	265	576	3.34	0
11	UTI (other than STD)	8	5	104	293	410	2.38	0
12	Eye Diseases (Conjunctivitis)	19	25	167	163	374	2.17	0
13	Diseases of Teeth and Gums	8	3	167	155	333	1.93	0
14	Dysentery (bacillary or amoebic)	28	31	135	106	300	1.74	0
15	Hypertension	0	0	117	143	260	1.51	21
16	All Other New Cases	6	2	91	133	232	1.34	0
17	Other Eye Diseases	5	5	92	128	230	1.33	0
18	Anaemia	1	0	18	206	225	1.30	0
19	Other Ear Problems	1	7	108	66	182	1.06	0
20	Worms	24	30	50	49	153	0.89	0
21	Scabies	5	2	80	49	136	0.79	0
22	Bites/Stings	9	9	76	38	132	0.77	0
23	Arthritis	0	3	58	45	106	0.61	0
24	Other Nutritional Deficiencies	10	6	46	38	100	0.58	0
25	Diseases of Breast	0	0	0	90	90	0.52	0
26	Menstrual Disturbances	0	0	0	74	74	0.43	0
27	Hepatitis(Jaundice)	11	4	28	21	64	0.37	0
28	Vaginal Discharge (susp. STD)	0	0	0	47	47	0.27	0
29	Genital Ulcer (susp. STD)	0	1	16	26	43	0.25	0
30	Industrial/Occupational Injuries	1	0	29	12	42	0.24	0
31	Urethral Discharge (susp. STD)	2	3	22	11	38	0.22	0
32	Pelvic Inflammatory Disease	0	0	0	28	28	0.16	0
33	Pneumonia	3	4	10	9	26	0.15	0
34	Epilepsy	0	0	12	9	21	0.12	0
35	Malaria	1	0	10	5	16	0.09	0
36	Cerebro-vascular Diseases	0	1	6	7	14	0.08	0
37	Other Disorders of Nervous System	1	2	4	4	11	0.06	0
38	Motor Vehicle Injuries	1	0	7	3	11	0.06	0
39	Other Neoplasms	0	0	6	5	11	0.06	0
40	Burns & Scalds	4	0	1	3	8	0.05	0

**Hospital morbidity report for Samtse Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
41	Diabetes	0	0	4	1	5	0.03	0
42	Other Blood Disorders	0	0	1	2	3	0.02	0
43	Psychosis	0	0	1	2	3	0.02	0
44	Rheumatic Heart Disease	0	0	2	1	3	0.02	0
45	Other Mental Disorders	0	0	1	1	2	0.01	0
46	Other Circulatory Diseases	1	0	0	1	2	0.01	0
47	Cataract	0	0	2	0	2	0.01	0
48	Depression	0	0	1	0	1	0.01	0
49	Gall Bladder Disease	0	0	0	1	1	0.01	0
<b>Total</b>		<b>1586</b>	<b>1496</b>	<b>6968</b>	<b>7200</b>	<b>17250</b>	<b>100</b>	<b>21</b>

**Hospital morbidity report for Gomtu Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	446	402	3633	2087	6568	26.03	0
2	Cough & Colds	517	425	2047	1182	4171	16.53	0
3	Skin Diseases (other than scabies)	350	280	1351	844	2825	11.19	0
4	Diarrhoea	368	296	1058	589	2311	9.16	0
5	Injuries/Fractures	60	25	988	241	1314	5.21	0
6	Other Respiratory Diseases	90	98	614	356	1158	4.59	0
7	Other Disease of Disgestive System	28	26	533	361	948	3.76	0
8	Other Musculo-skelatal Disease	2	5	435	243	685	2.71	0
9	Anaemia	21	15	169	349	554	2.20	0
10	Dysentery (bacillary or amoebic)	85	42	229	150	506	2.01	0
11	Worms	79	72	150	100	401	1.59	0
12	Eye Diseases (Conjunctivitis)	45	38	198	119	400	1.59	0
13	Diseases of Teeth and Gums	9	10	223	118	360	1.43	0
14	Peptic Ulcer Syndrome	0	2	183	136	321	1.27	0
15	UTI (other than STD)	10	13	114	172	309	1.22	3
16	Ear Diseases	46	36	129	92	303	1.20	0
17	Burns & Scalds	21	14	143	117	295	1.17	0
18	Other Eye Diseases	10	7	139	97	253	1.00	0
19	Scabies	17	16	142	77	252	1.00	0
20	Pneumonia	74	58	38	49	219	0.87	0
21	Malaria	4	13	70	61	148	0.59	16
22	Bites/Stings	8	14	80	40	142	0.56	0
23	Hypertension	0	0	67	69	136	0.54	0
24	Congenital Deformities	4	7	87	26	124	0.49	0
25	Menstrual Disturbances	0	0	0	92	92	0.36	0

**Hospital morbidity report for Gomtu Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
26	Other Ear Problems	1	2	35	26	64	0.25	0
27	Industrial/Occupational Injuries	1	0	56	7	64	0.25	0
28	Dental Caries	2	1	29	26	58	0.23	0
29	Arthritis	0	0	25	17	42	0.17	0
30	Pelvic Inflammatory Disease	0	2	0	34	36	0.14	0
31	Diseases of Breast	0	0	0	32	32	0.13	0
32	Other Disorders of Nervous System	1	0	15	11	27	0.11	0
33	Hepatitis(Jaundice)	2	3	10	8	23	0.09	0
34	Vaginal Discharge (susp. STD)	0	0	0	21	21	0.08	0
35	Motor Vehicle Injuries	1	0	11	1	13	0.05	0
36	Diabetes	0	0	5	6	11	0.04	0
37	Epilepsy	1	0	4	6	11	0.04	0
38	Cataract	0	0	5	3	8	0.03	0
39	Genital Ulcer (susp. STD)	0	0	3	4	7	0.03	0
40	Cirrhosis	0	0	4	1	5	0.02	0
41	Other Mental Disorders	0	1	2	1	4	0.02	0
42	Gall Bladder Disease	0	0	2	2	4	0.02	0
43	Other Nutritional Deficiencies	0	0	0	2	2	0.01	0
44	Other Circulatory Diseases	0	1	1	0	2	0.01	0
45	Rheumatic Heart Disease	0	0	1	1	2	0.01	0
46	Other Blood Disorders	0	0	1	0	1	0.00	0
47	Protein Energy Malnutrition	0	0	1	0	1	0.00	0
48	Meningitis/Encephalitis	0	0	1	0	1	0.00	0
49	Urethral Discharge (susp. STD)	0	0	0	1	1	0.00	0
<b>Total</b>		<b>2303</b>	<b>1924</b>	<b>13031</b>	<b>7977</b>	<b>25235</b>	<b>100</b>	<b>19</b>

**Hospital morbidity report for Sipsu Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	296	267	1191	1154	2908	23.65	0
2	Skin Diseases (other than scabies)	205	163	721	668	1757	14.29	0
3	Other Respiratory Diseases	83	83	612	524	1302	10.59	0
4	All Other New Cases	64	71	547	320	1002	8.15	0
5	Injuries/Fractures	37	86	537	194	854	6.94	0
6	Diarrhoea	159	140	284	169	752	6.12	0
7	Other Musculo-skeletal Disease	28	19	310	166	523	4.25	0
8	Peptic Ulcer Syndrome	3	6	218	264	491	3.99	0
9	Other Disease of Digestive System	0	5	189	151	345	2.81	0
10	Worms	42	41	122	106	311	2.53	0

**Hospital morbidity report for Sipsu Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
11	Anaemia	4	15	82	182	283	2.30	0
12	Eye Diseases (Conjunctivitis)	23	32	132	93	280	2.28	0
13	Arthritis	1	3	125	121	250	2.03	0
14	Dysentery (bacillary or amoebic)	51	37	88	65	241	1.96	0
15	Other Eye Diseases	11	8	80	69	168	1.37	0
16	Ear Diseases	19	13	62	54	148	1.20	0
17	Diseases of Teeth and Gums	9	3	86	41	139	1.13	0
18	UTI (other than STD)	3	8	34	78	123	1.00	0
19	Scabies	10	14	53	21	98	0.80	0
20	Hypertension	0	0	46	42	88	0.72	0
21	Bites/Stings	9	5	28	16	58	0.47	0
22	Dental Caries	1	1	16	19	37	0.30	3
23	Menstrual Disturbances	0	0	0	36	36	0.29	0
24	Diseases of Breast	0	0	0	21	21	0.17	0
25	Malaria	0	3	13	2	18	0.15	0
26	Pneumonia	9	5	0	2	16	0.13	0
27	Other Circulatory Diseases	0	0	6	4	10	0.08	0
28	Burns & Scalds	2	0	5	1	8	0.07	0
29	Hepatitis(Jaundice)	1	3	2	1	7	0.06	0
30	Vaginal Discharge (susp. STD)	0	0	0	6	6	0.05	0
31	Other Ear Problems	0	1	1	3	5	0.04	0
32	Rheumatic Heart Disease	0	1	1	2	4	0.03	0
33	Diabetes	0	0	2	1	3	0.02	0
34	Cataract	0	0	0	2	2	0.02	0
35	Genital Ulcer (susp. STD)	0	0	1	1	2	0.02	0
36	Motor Vehicle Injuries	0	0	1	0	1	0.01	0
Total		1070	1033	5595	4599	12297	100	3

**Hospital morbidity report for Samdrupjongkhar Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	359	376	802	730	2267	16.63	0
2	Skin Diseases (other than scabies)	189	216	556	566	1527	11.20	0
3	All Other New Cases	92	83	508	799	1482	10.87	0
4	Other Respiratory Diseases	212	220	446	537	1415	10.38	0
5	Diarrhoea	159	142	228	198	727	5.33	0
6	Eye Diseases (Conjunctivitis)	43	63	224	280	610	4.48	0
7	Peptic Ulcer Syndrome	1	1	265	334	601	4.41	0
8	Diseases of Teeth and Gums	9	12	247	271	539	3.95	0
9	Ear Diseases	61	90	177	191	519	3.81	0

**Hospital morbidity report for Samdrupjongkhar Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
10	Other Musculo-skelatal Disease	10	12	279	218	519	3.81	0
11	Dental Caries	19	17	205	216	457	3.35	0
12	Other Eye Diseases	15	11	220	178	424	3.11	0
13	UTI (other than STD)	10	2	131	231	374	2.74	0
14	Dysentery (bacillary or amoebic)	71	64	99	81	315	2.31	0
15	Injuries/Fractures	15	23	161	86	285	2.09	0
16	Hypertension	0	0	109	120	229	1.68	0
17	Worms	29	35	66	55	185	1.36	0
18	Other Disorders of Nervous System	3	3	66	101	173	1.27	0
19	Other Disease of Disgestive System	10	6	70	69	155	1.14	0
20	Industrial/Occupational Injuries	6	8	57	56	127	0.93	0
21	Pneumonia	32	45	15	7	99	0.73	0
22	Anaemia	3	4	12	57	76	0.56	0
23	Menstrual Disturbances	0	0	0	75	75	0.55	0
24	Bites/Stings	2	10	29	21	62	0.45	0
25	Other Ear Problems	5	6	18	21	50	0.37	0
26	Scabies	3	2	13	19	37	0.27	0
27	Diseases of Breast	0	0	0	37	37	0.27	0
28	Cerebro-vascular Diseases	0	0	7	21	28	0.21	0
29	Arthritis	0	16	6	6	28	0.21	0
30	Pelvic Inflammatory Disease	0	0	0	24	24	0.18	0
31	Cataract	0	0	16	7	23	0.17	0
32	Hepatitis(Jaundice)	1	2	8	12	23	0.17	0
33	Malaria	3	2	11	3	19	0.14	0
34	Epilepsy	3	2	8	2	15	0.11	0
35	Cirrhosis	0	0	5	9	14	0.10	0
36	Motor Vehicle Injuries	0	0	7	7	14	0.10	0
37	Urethral Discharge (susp. STD)	0	0	8	5	13	0.10	0
38	Diabetes	0	0	9	3	12	0.09	0
39	Vaginal Discharge (susp. STD)	0	0	0	11	11	0.08	0
40	Genital Ulcer (susp. STD)	0	0	7	4	11	0.08	0
41	Burns & Scalds	2	1	0	5	8	0.06	0
42	Other Neoplasms	0	0	1	4	5	0.04	0
43	Depression	0	0	2	3	5	0.04	0
44	Rheumatic Heart Disease	0	0	1	3	4	0.03	0
45	Other Mental Disorders	0	0	2	2	4	0.03	0
46	Cervical Cancer	0	0	0	2	2	0.01	0
47	Protein Energy Malnutrition	0	0	0	1	1	0.01	0
48	Other Circulatory Diseases	0	0	1	0	1	0.01	0
<b>Total</b>		<b>1367</b>	<b>1474</b>	<b>5102</b>	<b>5688</b>	<b>13631</b>	<b>100</b>	<b>0</b>

**Hospital morbidity report for Deothang Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	160	158	2369	1077	3764	32.31	0
2	Cough & Colds	228	230	701	395	1554	13.34	0
3	Skin Diseases (other than scabies)	121	153	740	276	1290	11.07	0
4	Diseases of Teeth and Gums	9	1	431	322	763	6.55	0
5	Other Disease of Disgestive System	14	25	300	218	557	4.78	0
6	Diarrhoea	88	76	196	73	433	3.72	0
7	Other Respiratory Diseases	22	27	210	94	353	3.03	0
8	Peptic Ulcer Syndrome	0	0	165	117	282	2.42	0
9	Industrial/Occupational Injuries	6	2	249	20	277	2.38	0
10	Dysentery (bacillary or amoebic)	39	48	113	63	263	2.26	0
11	Injuries/Fractures	3	3	224	18	248	2.13	0
12	Ear Diseases	26	22	121	57	226	1.94	0
13	Other Musculo-skelatal Disease	0	0	203	19	222	1.91	0
14	Eye Diseases (Conjunctivitis)	11	10	144	56	221	1.90	0
15	Dental Caries	1	0	119	96	216	1.85	0
16	Malaria	2	9	113	43	167	1.43	0
17	Pneumonia	27	29	30	13	99	0.85	0
18	Worms	16	14	51	14	95	0.82	0
19	UTI (other than STD)	5	2	37	45	89	0.76	0
20	Bites/Stings	8	7	43	21	79	0.68	0
21	Hypertension	0	0	32	31	63	0.54	0
22	Other Eye Diseases	1	1	33	21	56	0.48	0
23	Diseases of Breast	0	0	0	49	49	0.42	0
24	Scabies	3	1	14	18	36	0.31	0
25	Arthritis	0	0	21	10	31	0.27	0
26	Urethral Discharge (susp. STD)	1	2	7	13	23	0.20	0
27	Other Disorders of Nervous System	0	0	17	5	22	0.19	0
28	Hepatitis(Jaundice)	0	0	13	7	20	0.17	0
29	Anaemia	2	0	14	3	19	0.16	0
30	Rheumatic Heart Disease	0	0	5	12	17	0.15	0
31	Burns & Scalds	0	0	10	7	17	0.15	0
32	Genital Ulcer (susp. STD)	0	0	4	8	12	0.10	0
33	Other Ear Problems	0	1	8	1	10	0.09	0
34	Epilepsy	0	0	4	5	9	0.08	0
35	Protein Energy Malnutrition	1	2	5	1	9	0.08	0
36	Pelvic Inflammatory Disease	0	1	6	0	7	0.06	0
37	Other Circulatory Diseases	0	0	6	1	7	0.06	0
38	Motor Vehicle Injuries	0	0	0	7	7	0.06	0
39	Gall Bladder Disease	0	0	0	4	4	0.03	0
40	Vaginal Discharge (susp. STD)	0	0	0	4	4	0.03	0
41	Depression	0	0	2	2	4	0.03	0
42	Other Mental Disorders	0	0	2	1	3	0.03	0
43	Cirrhosis	0	0	2	1	3	0.03	0

**Hospital morbidity report for Deothang Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
		0	0	2	1	3	0.03	0
44	Cataract	0	0	3	0	3	0.03	0
45	Anxiety	0	0	1	1	2	0.02	0
46	Congenital Deformities	0	0	2	0	2	0.02	0
47	Psychosis	0	0	1	1	2	0.02	0
48	Diabetes	0	0	2	0	2	0.02	0
49	Other Blood Disorders	0	0	2	0	2	0.02	0
50	Cervical Cancer	0	0	0	1	1	0.01	0
51	Meningitis/Encephalitis	0	0	1	0	1	0.01	0
52	Cerebro-vascular Diseases	0	0	1	0	1	0.01	0
Total		794	824	6778	3252	11648	100	0

**Hospital morbidity report for Nganglam BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	206	159	963	545	1873	28.38	0
2	All Other New Cases	30	33	456	320	839	12.71	0
3	Other Respiratory Diseases	44	44	326	229	643	9.74	0
4	Skin Diseases (other than scabies)	41	29	296	131	497	7.53	0
5	Peptic Ulcer Syndrome	2	4	188	229	423	6.41	0
6	Injuries/Fractures	11	4	285	58	358	5.43	0
7	Diarrhoea	26	20	138	61	245	3.71	0
8	Dysentery (bacillary or amoebic)	20	12	118	34	184	2.79	0
9	Other Musculo-skeletal Disease	2	0	110	57	169	2.56	0
10	Ear Diseases	18	11	70	43	142	2.15	0
11	Hypertension	0	0	43	90	133	2.02	0
12	Eye Diseases (Conjunctivitis)	5	10	71	45	131	1.99	0
13	Pneumonia	12	20	48	35	115	1.74	0
14	Industrial/Occupational Injuries	5	2	54	37	98	1.49	0
15	UTI (other than STD)	0	2	34	54	90	1.36	0
16	Malaria	0	2	65	19	86	1.30	0
17	Hepatitis(Jaundice)	0	0	42	30	72	1.09	0
18	Diseases of Teeth and Gums	0	2	41	18	61	0.92	0
19	Dental Caries	0	1	41	16	58	0.88	0
20	Worms	10	12	19	15	56	0.85	0
21	Other Disease of Disgestive System	0	0	34	20	54	0.82	0
22	Arthritis	0	0	27	14	41	0.62	0
23	Other Disorders of Nervous System	0	1	26	8	35	0.53	0
24	Other Eye Diseases	0	3	19	7	29	0.44	0



**Hospital morbidity report for Nganglam BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
25	Epilepsy	0	0	20	4	24	0.36	0
26	Anaemia	0	0	8	14	22	0.33	0
27	Bites/Stings	4	1	9	5	19	0.29	0
28	Scabies	2	4	11	1	18	0.27	0
29	Other Ear Problems	1	1	11	2	15	0.23	0
30	Other Nutritional Deficiencies	0	1	6	6	13	0.20	0
31	Genital Ulcer (susp. STD)	0	0	9	2	11	0.17	0
32	Vaginal Discharge (susp. STD)	0	0	0	11	11	0.17	0
33	Urethral Discharge (susp. STD)	3	1	5	0	9	0.14	0
34	Rheumatic Heart Disease	0	0	1	3	4	0.06	0
35	Menstrual Disturbances	0	0	0	3	3	0.05	0
36	Diabetes	0	0	3	0	3	0.05	0
37	Anxiety	0	0	3	0	3	0.05	0
38	Other Blood Disorders	0	0	1	2	3	0.05	0
39	Burns & Scalds	1	0	0	1	2	0.03	0
40	Other Neoplasms	0	0	0	2	2	0.03	0
41	Diseases of Breast	0	0	0	2	2	0.03	0
42	Cerebro-vascular Diseases	0	0	1	0	1	0.02	0
43	Psychosis	0	0	1	0	1	0.02	0
44	Gall Bladder Disease	0	0	0	1	1	0.02	0
Total		443	379	3603	2174	6599	100	0

**Hospital morbidity report for Raitar BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	264	275	1347	1319	3205	31.36	0
2	All Other New Cases	58	50	913	804	1825	17.86	10
3	Skin Diseases (other than scabies)	96	85	532	276	989	9.68	0
4	Diarrhoea	151	74	173	167	565	5.53	0
5	Injuries/Fractures	11	9	283	81	384	3.76	1
6	Malaria	25	20	207	113	365	3.57	0
7	Dysentery (bacillary or amoebic)	45	43	146	124	358	3.50	0
8	Eye Diseases (Conjunctivitis)	20	19	119	74	232	2.27	0
9	Industrial/Occupational Injuries	0	11	132	78	221	2.16	0
10	Peptic Ulcer Syndrome	0	2	106	106	214	2.09	0
11	Other Circulatory Diseases	21	20	91	75	207	2.03	0
12	Ear Diseases	36	22	69	66	193	1.89	0
13	Other Respiratory Diseases	21	13	76	55	165	1.61	4

**Hospital morbidity report for Raitar BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
14	UTI (other than STD)	1	3	64	97	165	1.61	0
15	Other Disease of Disgestive System	4	5	70	77	156	1.53	0
16	Other Musculo-skelatal Disease	1	2	90	40	133	1.30	1
17	Worms	14	11	57	32	114	1.12	0
18	Pneumonia	46	46	4	7	103	1.01	0
19	Diseases of Teeth and Gums	1	0	50	51	102	1.00	0
20	Other Eye Diseases	1	4	50	40	95	0.93	0
21	Bites/Stings	6	2	51	22	81	0.79	0
22	Hypertension	0	0	28	19	47	0.46	0
23	Anaemia	1	0	13	32	46	0.45	0
24	Dental Caries	0	0	29	17	46	0.45	0
25	Other Nutritional Deficiencies	0	1	11	16	28	0.27	2
26	Burns & Scalds	2	3	8	7	20	0.20	0
27	Menstrual Disturbances	0	0	0	19	19	0.19	0
28	Other Ear Problems	0	0	14	5	19	0.19	0
29	Diseases of Breast	0	0	0	14	14	0.14	0
30	Hepatitis(Jaundice)	2	3	5	4	14	0.14	0
31	Scabies	0	0	9	5	14	0.14	0
32	Other Disorders of Nervous System	0	0	7	6	13	0.13	1
33	Vaginal Discharge (susp. STD)	0	0	0	13	13	0.13	0
34	Arthritis	0	0	8	5	13	0.13	0
35	Urethral Discharge (susp. STD)	0	0	11	1	12	0.12	0
36	Genital Ulcer (susp. STD)	0	0	7	2	9	0.09	0
37	Motor Vehicle Injuries	0	0	6	0	6	0.06	1
38	Protein Energy Malnutrition	1	0	0	1	2	0.02	0
39	Epilepsy	0	0	1	1	2	0.02	0
40	Pelvic Inflammatory Disease	0	0	0	2	2	0.02	0
41	Cirrhosis	0	0	0	2	2	0.02	0
42	Gall Bladder Disease	0	0	2	0	2	0.02	0
43	Psychosis	0	0	0	1	1	0.01	0
44	Diabetes	0	0	1	0	1	0.01	0
45	Other Neoplasms	0	0	0	1	1	0.01	0
46	Cataract	0	0	1	0	1	0.01	0
<b>Total</b>		<b>828</b>	<b>723</b>	<b>4791</b>	<b>3877</b>	<b>10219</b>	<b>100</b>	<b>20</b>

**Hospital morbidity report for Sarpang Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	559	585	1880	1867	4891	30.52	0
2	All Other New Cases	132	164	1660	1450	3406	21.25	0
3	Skin Diseases (other than scabies)	190	175	624	519	1508	9.41	0
4	Malaria	45	49	351	232	677	4.22	0
5	Diarrhoea	102	117	268	182	669	4.17	0
6	Peptic Ulcer Syndrome	0	3	184	222	409	2.55	0
7	Ear Diseases	79	58	138	131	406	2.53	0
8	Diseases of Teeth and Gums	4	6	176	214	400	2.50	0
9	Dysentery (bacillary or amoebic)	67	65	143	125	400	2.50	0
10	Eye Diseases (Conjunctivitis)	29	38	137	152	356	2.22	0
11	Other Respiratory Diseases	14	15	161	160	350	2.18	0
12	Hypertension	0	0	113	164	277	1.73	0
13	Injuries/Fractures	8	12	163	70	253	1.58	0
14	UTI (other than STD)	0	1	66	158	225	1.40	0
15	Other Musculo-skeletal Disease	0	0	121	99	220	1.37	0
16	Industrial/Occupational Injuries	4	6	132	75	217	1.35	0
17	Other Eye Diseases	3	11	95	73	182	1.14	0
18	Pneumonia	76	70	21	15	182	1.14	0
19	Worms	16	16	56	56	144	0.90	0
20	Other Disease of Digestive System	7	7	71	52	137	0.85	0
21	Bites/Stings	9	3	65	50	127	0.79	0
22	Other Nutritional Deficiencies	3	4	76	33	116	0.72	0
23	Dental Caries	3	3	59	42	107	0.67	0
24	Other Ear Problems	15	9	29	34	87	0.54	0
25	Menstrual Disturbances	0	0	0	42	42	0.26	0
26	Anaemia	0	1	5	32	38	0.24	0
27	Burns & Scalds	6	2	14	9	31	0.19	0
28	Motor Vehicle Injuries	0	0	26	4	30	0.19	0
29	Diseases of Breast	0	0	0	24	24	0.15	0
30	Scabies	5	0	11	4	20	0.12	0
31	Epilepsy	0	0	12	4	16	0.10	0
32	Arthritis	0	0	12	4	16	0.10	0
33	Genital Ulcer (susp. STD)	0	0	10	4	14	0.09	0
34	Vaginal Discharge (susp. STD)	0	0	0	10	10	0.06	0
35	Protein Energy Malnutrition	1	2	2	2	7	0.04	0
36	Hepatitis(Jaundice)	1	0	4	2	7	0.04	0
37	Urethral Discharge (susp. STD)	0	0	2	3	5	0.03	0
38	Other Mental Disorders	0	0	4	0	4	0.02	0
39	Cirrhosis	0	0	3	0	3	0.02	0
40	Congenital Deformities	0	0	3	0	3	0.02	0

**Hospital morbidity report for Sarpang Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
41	Diabetes	0	0	3	0	3	0.02	0
42	Rheumatic Heart Disease	0	2	0	0	2	0.01	0
43	Other Disorders of Nervous System	0	0	0	2	2	0.01	0
44	Depression	0	0	0	1	1	0.01	0
45	Pelvic Inflammatory Disease	0	0	0	1	1	0.01	0
<b>Total</b>		<b>1378</b>	<b>1424</b>	<b>6900</b>	<b>6323</b>	<b>16025</b>	<b>100</b>	<b>0</b>

**Hospital morbidity report for Gelephug Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	1333	1614	2083	2164	7194	26.72	0
2	Cough & Colds	1210	1454	1622	1792	6078	22.57	0
3	Skin Diseases (other than scabies)	431	446	830	772	2479	9.21	0
4	Other Respiratory Diseases	481	473	631	596	2181	8.10	0
5	Peptic Ulcer Syndrome	29	83	573	530	1215	4.51	0
6	Diarrhoea	234	247	344	249	1074	3.99	0
7	Other Eye Diseases	41	74	477	410	1002	3.72	0
8	Other Musculo-skeletal Disease	51	61	483	367	962	3.57	0
9	Malaria	29	39	508	275	851	3.16	0
10	Eye Diseases (Conjunctivitis)	77	86	339	327	829	3.08	0
11	Dysentery (bacillary or amoebic)	120	104	212	185	621	2.31	0
12	Injuries/Fractures	28	23	324	141	516	1.92	0
13	Hypertension	0	0	225	242	467	1.73	0
14	Dental Caries	17	26	155	157	355	1.32	0
15	Diseases of Teeth and Gums	8	4	174	157	343	1.27	0
16	UTI (other than STD)	2	2	41	99	144	0.53	19
17	Ear Diseases	23	24	41	46	134	0.50	0
18	Scabies	23	22	31	25	101	0.38	0
19	Diabetes	0	0	32	31	63	0.23	0
20	Industrial/Occupational Injuries	2	2	31	24	59	0.22	0
21	Anaemia	0	1	12	24	37	0.14	0
22	Other Ear Problems	5	1	15	13	34	0.13	0
23	Epilepsy	0	3	14	14	31	0.12	0
24	Pneumonia	10	8	7	5	30	0.11	0
25	Bites/Stings	2	2	16	7	27	0.10	0
26	Rheumatic Heart Disease	0	0	8	10	18	0.07	0
27	Worms	2	3	9	3	17	0.06	0
28	Burns & Scalds	2	0	6	3	11	0.04	0
29	Menstrual Disturbances	0	0	0	10	10	0.04	0
30	Other Nutritional Deficiencies	2	2	3	2	9	0.03	0

**Hospital morbidity report for Gelephug Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
31	Cataract	0	0	4	2	6	0.02	0
32	Urethral Discharge (susp. STD)	0	0	4	0	4	0.01	0
33	Meningitis/Encephalitis	0	0	1	3	4	0.01	0
34	Other Mental Disorders	0	0	1	2	3	0.01	0
35	Vaginal Discharge (susp. STD)	0	0	0	3	3	0.01	0
36	Hepatitis(Jaundice)	1	0	2	0	3	0.01	0
37	Other Disease of Digestive System	0	0	2	1	3	0.01	0
38	Depression	0	0	1	1	2	0.01	0
39	Genital Ulcer (susp. STD)	0	0	2	0	2	0.01	0
40	Diseases of Breast	0	0	0	2	2	0.01	0
41	Other Disorders of Nervous System	0	0	1	0	1	0.00	0
42	Arthritis	0	0	0	1	1	0.00	0
43	Psychosis	0	0	1	0	1	0.00	0
Total		4163	4804	9265	8695	26927	100	19

**Hospital morbidity report for Kalikhola BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	358	537	744	643	2282	21.98	7
2	Cough & Colds	206	278	407	349	1240	11.94	0
3	Skin Diseases (other than scabies)	109	220	371	303	1003	9.66	0
4	Diarrhoea	123	177	291	181	772	7.44	0
5	Dysentery (bacillary or amoebic)	88	156	263	190	697	6.71	0
6	Peptic Ulcer Syndrome	1	9	304	283	597	5.75	1
7	Malaria	26	23	301	176	526	5.07	0
8	Injuries/Fractures	22	59	267	115	463	4.46	4
9	Eye Diseases (Conjunctivitis)	32	58	173	151	414	3.99	0
10	Ear Diseases	23	67	141	112	343	3.30	0
11	Worms	39	71	143	88	341	3.28	0
12	Anaemia	1	11	73	170	255	2.46	1
13	UTI (other than STD)	1	9	114	119	243	2.34	0
14	Diseases of Teeth and Gums	3	7	102	89	201	1.94	1
15	Arthritis	1	4	100	69	174	1.68	0
16	Scabies	16	32	73	44	165	1.59	0
17	Hypertension	0	0	65	75	140	1.35	0
18	Bites/Stings	15	11	53	23	102	0.98	0
19	Pneumonia	16	23	24	8	71	0.68	0
20	Other Respiratory Diseases	5	14	25	10	54	0.52	0

**Hospital morbidity report for Kalikhola BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
21	Other Ear Problems	3	9	24	15	51	0.49	1
22	Dental Caries	0	0	24	13	37	0.36	0
23	Other Eye Diseases	3	2	16	9	30	0.29	0
24	Cirrhosis	0	0	11	7	18	0.17	1
25	Other Musculo-skeletal Disease	0	1	12	2	15	0.14	0
26	Protein Energy Malnutrition	3	6	2	1	12	0.12	0
27	Diabetes	0	0	7	4	11	0.11	0
28	Depression	0	0	4	7	11	0.11	0
29	Cataract	0	1	6	3	10	0.10	0
30	Anxiety	0	0	8	2	10	0.10	0
31	Epilepsy	0	0	5	5	10	0.10	0
32	Urethral Discharge (susp. STD)	0	2	2	6	10	0.10	0
33	Other Mental Disorders	0	0	7	2	9	0.09	0
34	Burns & Scalds	1	1	4	3	9	0.09	0
35	Hepatitis(Jaundice)	2	0	6	1	9	0.09	0
36	Other Nutritional Deficiencies	2	1	3	2	8	0.08	0
37	Other Disease of Digestive System	0	0	2	6	8	0.08	0
38	Diseases of Breast	0	1	0	6	7	0.07	0
39	Congenital Deformities	0	0	3	2	5	0.05	0
40	Rheumatic Heart Disease	0	0	3	1	4	0.04	0
41	Menstrual Disturbances	0	0	0	4	4	0.04	0
42	Motor Vehicle Injuries	1	0	3	0	4	0.04	0
43	Industrial/Occupational Injuries	0	0	2	1	3	0.03	0
44	Vaginal Discharge (susp. STD)	0	0	0	2	2	0.02	0
45	Cerebro-vascular Diseases	0	0	1	0	1	0.01	0
46	Genital Ulcer (susp. STD)	0	0	0	1	1	0.01	0
<b>Total</b>		<b>1100</b>	<b>1790</b>	<b>4189</b>	<b>3303</b>	<b>10382</b>	<b>100</b>	<b>16</b>

**Hospital morbidity report for Gidakom Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Skin Diseases (other than scabies)	109	101	596	503	1309	14.17	0
2	All Other New Cases	59	38	568	637	1302	14.09	0
3	Other Respiratory Diseases	112	90	506	525	1233	13.34	0
4	Cough & Colds	129	126	428	381	1064	11.52	0
5	Dysentery (bacillary or amoebic)	93	69	206	167	535	5.79	0
6	Peptic Ulcer Syndrome	0	4	187	265	456	4.94	0
7	Diarrhoea	84	52	152	110	398	4.31	0
8	Hypertension	0	0	177	201	378	4.09	0
9	Other Musculo-skeletal Disease	1	0	209	119	329	3.56	0
10	Arthritis	0	0	107	132	239	2.59	0

**Hospital morbidity report for Gidakom Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
11	Injuries/Fractures	11	4	157	49	221	2.39	0
12	Eye Diseases (Conjunctivitis)	22	19	65	69	175	1.89	0
13	Ear Diseases	22	23	62	66	173	1.87	0
14	Worms	13	18	62	47	140	1.52	0
15	UTI (other than STD)	2	1	36	98	137	1.48	0
16	Industrial/Occupational Injuries	2	3	109	21	135	1.46	0
17	Anaemia	0	0	45	90	135	1.46	22
18	Pneumonia	47	37	16	8	108	1.17	0
19	Other Eye Diseases	3	2	58	39	102	1.10	0
20	Dental Caries	4	1	38	49	92	1.00	0
21	Diseases of Teeth and Gums	4	2	39	38	83	0.90	0
22	Other Disease of Digestive System	0	2	33	29	64	0.69	0
23	Other Nutritional Deficiencies	3	5	20	23	51	0.55	0
24	Menstrual Disturbances	0	0	0	45	45	0.49	0
25	Epilepsy	1	0	16	19	36	0.39	0
26	Bites/Stings	1	0	28	5	34	0.37	1
27	Other Circulatory Diseases	1	2	20	10	33	0.36	0
28	Scabies	4	1	16	8	29	0.31	0
29	Urethral Discharge (susp. STD)	1	0	16	8	25	0.27	0
30	Genital Ulcer (susp. STD)	0	0	16	8	24	0.26	0
31	Burns & Scalds	7	4	6	4	21	0.23	0
32	Other Ear Problems	1	0	7	12	20	0.22	0
33	Motor Vehicle Injuries	1	0	17	1	19	0.21	0
34	Vaginal Discharge (susp. STD)	0	0	0	16	16	0.17	0
35	Rheumatic Heart Disease	0	0	9	7	16	0.17	0
36	Diabetes	0	0	7	1	8	0.09	0
37	Other Disorders of Nervous System	0	0	3	5	8	0.09	0
38	Diseases of Breast	0	0	0	8	8	0.09	0
39	Pelvic Inflammatory Disease	0	0	0	8	8	0.09	0
40	Cataract	1	1	3	2	7	0.08	0
41	Depression	0	0	0	5	5	0.05	0
42	Protein Energy Malnutrition	2	1	0	1	4	0.04	0
43	Malaria	0	0	2	2	4	0.04	0
44	Hepatitis(Jaundice)	1	1	0	2	4	0.04	0
45	Cerebro-vascular Diseases	0	0	2	1	3	0.03	0
46	Psychosis	0	0	1	1	2	0.02	0
47	Other Blood Disorders	0	0	1	1	2	0.02	0
<b>Total</b>		<b>741</b>	<b>607</b>	<b>4046</b>	<b>3846</b>	<b>9240</b>	<b>100</b>	<b>23</b>

**Hospital morbidity report for IBF Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	497	620	3848	4418	9383	25.73	0
2	Cough & Colds	721	791	1702	1696	4910	13.47	0
3	Other Respiratory Diseases	361	372	1032	1059	2824	7.74	0
4	Diseases of Teeth and Gums	97	111	707	684	1599	4.39	0
5	Dysentery (bacillary or amoebic)	291	304	469	504	1568	4.30	0
6	Hypertension	0	0	777	765	1542	4.23	0
7	Skin Diseases (other than scabies)	245	263	501	511	1520	4.17	0
8	Anaemia	10	8	693	710	1421	3.90	0
9	Protein Energy Malnutrition	128	130	542	559	1359	3.73	0
10	Diarrhoea	190	185	348	392	1115	3.06	0
11	Peptic Ulcer Syndrome	2	12	502	510	1026	2.81	0
12	Worms	132	135	376	357	1000	2.74	0
13	Injuries/Fractures	13	108	351	356	828	2.27	0
14	Other Circulatory Diseases	0	0	368	427	795	2.18	0
15	Ear Diseases	92	103	294	303	792	2.17	0
16	UTI (other than STD)	21	30	331	323	705	1.93	0
17	Scabies	102	142	195	189	628	1.72	0
18	Arthritis	0	0	231	254	485	1.33	0
19	Urethral Discharge (susp. STD)	0	0	223	242	465	1.28	0
20	Eye Diseases (Conjunctivitis)	61	74	185	125	445	1.22	0
21	Other Nutritional Deficiencies	59	55	143	134	391	1.07	0
22	Pneumonia	119	93	101	77	390	1.07	0
23	Motor Vehicle Injuries	0	0	170	140	310	0.85	0
24	Menstrual Disturbances	0	0	0	249	249	0.68	0
25	Rheumatic Heart Disease	0	0	125	112	237	0.65	0
26	Bites/Stings	4	8	37	38	87	0.24	0
27	Diseases of Breast	0	0	0	82	82	0.22	0
28	Diabetes	0	0	43	33	76	0.21	0
29	Epilepsy	1	4	47	15	67	0.18	0
30	Industrial/Occupational Injuries	0	0	35	32	67	0.18	0
31	Hepatitis(Jaundice)	3	2	33	16	54	0.15	0
32	Psychosis	0	0	20	13	33	0.09	0
33	Malaria	0	0	7	2	9	0.02	0
34	Meningitis/Encephalitis	0	1	0	0	1	0.00	0
<b>Total</b>		<b>3149</b>	<b>3551</b>	<b>14436</b>	<b>15327</b>	<b>36463</b>	<b>100</b>	<b>0</b>



**Hospital morbidity report for Trashigang Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	56	86	666	760	1568	15.90	0
2	Cough & Colds	193	217	497	486	1393	14.12	0
3	Skin Diseases (other than scabies)	92	109	608	489	1298	13.16	0
4	Dental Caries	21	6	320	339	686	6.96	0
5	Other Respiratory Diseases	34	29	246	246	555	5.63	0
6	Other Disease of Digestive System	16	22	241	268	547	5.55	0
7	Peptic Ulcer Syndrome	1	5	205	262	473	4.80	39
8	Other Eye Diseases	18	18	217	206	459	4.65	0
9	Ear Diseases	41	27	134	120	322	3.26	0
10	Diarrhoea	39	36	116	84	275	2.79	0
11	Other Musculo-skeletal Disease	1	1	173	96	271	2.75	0
12	Eye Diseases (Conjunctivitis)	9	8	116	121	254	2.58	0
13	UTI (other than STD)	4	4	69	160	237	2.40	0
14	Injuries/Fractures	10	9	162	54	235	2.38	0
15	Dysentery (bacillary or amoebic)	27	20	103	53	203	2.06	0
16	Diseases of Teeth and Gums	3	3	102	91	199	2.02	0
17	Hypertension	0	0	64	127	191	1.94	0
18	Epilepsy	4	1	49	33	87	0.88	0
19	Scabies	5	9	39	22	75	0.76	0
20	Other Ear Problems	5	5	28	22	60	0.61	0
21	Rheumatic Heart Disease	0	0	17	30	47	0.48	0
22	Malaria	2	1	25	14	42	0.43	0
23	Worms	2	3	16	20	41	0.42	0
24	Arthritis	1	1	20	17	39	0.40	0
25	Cirrhosis	0	1	16	19	36	0.37	0
26	Bites/Stings	6	0	18	12	36	0.37	3
27	Other Mental Disorders	1	0	12	17	30	0.30	0
28	Vaginal Discharge (susp. STD)	0	0	0	25	25	0.25	0
29	Pneumonia	7	13	3	0	23	0.23	0
30	Burns & Scalds	2	1	6	7	16	0.16	0
31	Other Circulatory Diseases	0	1	6	9	16	0.16	0
32	Genital Ulcer (susp. STD)	0	0	14	1	15	0.15	0
33	Menstrual Disturbances	0	0	0	15	15	0.15	0
34	Anaemia	0	0	2	11	13	0.13	0
35	Diabetes	0	0	8	5	13	0.13	0
36	Industrial/Occupational Injuries	0	0	11	2	13	0.13	0
37	Urethral Discharge (susp. STD)	0	0	6	5	11	0.11	0
38	Depression	0	0	2	7	9	0.09	0
39	Anxiety	0	0	2	6	8	0.08	0

### Hospital morbidity report for Trashigang Hospital - 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
40	Hepatitis(Jaundice)	1	0	2	2	5	0.05	0
41	Other Disorders of Nervous System	0	1	1	2	4	0.04	0
42	Cataract	0	0	0	4	4	0.04	0
43	Motor Vehicle Injuries	0	0	1	2	3	0.03	0
44	Diseases of Breast	0	0	0	3	3	0.03	0
45	Cerebro-vascular Diseases	0	0	1	1	2	0.02	0
46	Protein Energy Malnutrition	0	0	0	1	1	0.01	0
47	Other Blood Disorders	0	0	0	1	1	0.01	0
48	Other Neoplasms	0	0	0	1	1	0.01	0
49	Cervical Cancer	0	0	0	1	1	0.01	0
50	Pelvic Inflammatory Disease	0	0	0	1	1	0.01	0
51	Meningitis/Encephalitis	0	0	1	0	1	0.01	0
Total		601	637	4345	4280	9863	100	42

### Hospital morbidity report for Riserboo Hospital - 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	119	123	450	544	1236	16.05	0
2	All Other New Cases	33	31	449	592	1105	14.35	0
3	Skin Diseases (other than scabies)	70	78	314	271	733	9.52	0
4	Dental Caries	0	5	175	280	460	5.97	0
5	Eye Diseases (Conjunctivitis)	19	31	186	205	441	5.73	0
6	Peptic Ulcer Syndrome	0	0	129	277	406	5.27	0
7	Dysentery (bacillary or amoebic)	52	45	155	87	339	4.40	0
8	Other Respiratory Diseases	5	12	111	165	293	3.80	0
9	Other Musculo-skeletal Disease	0	0	153	138	291	3.78	0
10	Pneumonia	79	62	49	47	237	3.08	0
11	Diarrhoea	45	31	81	50	207	2.69	0
12	UTI (other than STD)	6	2	45	144	197	2.56	0
13	Hypertension	0	0	73	120	193	2.51	0
14	Other Disease of Digestive System	3	3	61	97	164	2.13	0
15	Other Eye Diseases	2	3	86	70	161	2.09	0
16	Worms	13	13	56	76	158	2.05	0
17	Ear Diseases	12	19	66	53	150	1.95	0
18	Injuries/Fractures	3	0	69	37	109	1.42	0
19	Rheumatic Heart Disease	0	2	40	61	103	1.34	0
20	Anaemia	4	4	12	79	99	1.29	0
21	Epilepsy	0	0	72	25	97	1.26	0
22	Scabies	8	12	30	28	78	1.01	0

**Hospital morbidity report for Riserboo Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
23	Other Nutritional Deficiencies	5	6	17	24	52	0.68	0
24	Other Ear Problems	1	1	18	26	46	0.60	0
25	Anxiety	0	0	6	28	34	0.44	0
26	Diseases of Teeth and Gums	0	0	15	18	33	0.43	0
27	Bites/Stings	2	2	19	8	31	0.40	0
28	Other Disorders of Nervous System	0	0	11	19	30	0.39	0
29	Arthritis	0	0	7	18	25	0.32	0
30	Industrial/Occupational Injuries	0	0	16	7	23	0.30	0
31	Protein Energy Malnutrition	7	6	5	2	20	0.26	0
32	Hepatitis(Jaundice)	0	0	6	11	17	0.22	0
33	Other Mental Disorders	0	0	9	7	16	0.21	0
34	Burns & Scalds	4	3	5	3	15	0.19	0
35	Psychosis	0	0	7	7	14	0.18	0
36	Motor Vehicle Injuries	0	0	13	1	14	0.18	0
37	Diseases of Breast	0	0	0	14	14	0.18	0
38	Other Circulatory Diseases	0	0	6	4	10	0.13	0
39	Menstrual Disturbances	0	0	0	8	8	0.10	0
40	Vaginal Discharge (susp. STD)	0	0	0	8	8	0.10	0
41	Urethral Discharge (susp. STD)	0	0	6	1	7	0.09	0
42	Cirrhosis	0	0	5	2	7	0.09	0
43	Cerebro-vascular Diseases	2	0	0	4	6	0.08	0
44	Pelvic Inflammatory Disease	0	0	0	4	4	0.05	0
45	Genital Ulcer (susp. STD)	0	0	4	0	4	0.05	0
46	Cataract	0	0	2	0	2	0.03	0
47	Depression	0	0	0	1	1	0.01	0
48	Other Blood Disorders	0	0	0	1	1	0.01	0
49	Other Neoplasms	0	1	0	0	1	0.01	0
50	Malaria	0	0	1	0	1	0.01	0
<b>Total</b>		<b>494</b>	<b>495</b>	<b>3040</b>	<b>3672</b>	<b>7701</b>	<b>100</b>	<b>0</b>

**Hospital morbidity report for Yongphula RBA Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	65	110	795	789	1759	14.26	0
2	Other Respiratory Diseases	140	163	396	417	1116	9.05	0
3	Other Disease of Disgestive System	204	194	388	329	1115	9.04	0
4	Skin Diseases (other than scabies)	138	153	343	329	963	7.81	0
5	Diarrhoea	182	206	286	245	919	7.45	0
6	Cough & Colds	172	167	265	272	876	7.10	0
7	Dysentery (bacillary or amoebic)	152	170	252	199	773	6.27	0
8	Other Nutritional Deficiencies	82	104	175	150	511	4.14	0
9	Worms	21	42	213	201	477	3.87	0

**Hospital morbidity report for Yongphula RBA Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
10	Hypertension	0	0	211	184	395	3.20	0
11	Scabies	76	77	99	101	353	2.86	0
12	Arthritis	0	0	154	176	330	2.68	0
13	Other Musculo-skeletal Disease	0	2	150	138	290	2.35	0
14	UTI (other than STD)	8	8	139	128	283	2.29	0
15	Pneumonia	66	74	75	64	279	2.26	0
16	Diseases of Teeth and Gums	20	20	111	107	258	2.09	0
17	Ear Diseases	30	25	100	84	239	1.94	0
18	Other Ear Problems	20	36	90	76	222	1.80	0
19	Eye Diseases (Conjunctivitis)	25	37	76	72	210	1.70	0
20	Anaemia	26	43	56	43	168	1.36	0
21	Genital Ulcer (susp. STD)	1	0	66	48	115	0.93	0
22	Bites/Stings	2	3	61	49	115	0.93	0
23	Peptic Ulcer Syndrome	0	0	44	60	104	0.84	0
24	Cerebro-vascular Diseases	0	0	45	40	85	0.69	0
25	Menstrual Disturbances	0	0	0	82	82	0.66	0
26	Vaginal Discharge (susp. STD)	0	3	0	55	58	0.47	0
27	Diseases of Breast	0	0	0	57	57	0.46	0
28	Rheumatic Heart Disease	0	0	22	34	56	0.45	0
29	Malaria	0	0	23	15	38	0.31	0
30	Cataract	0	0	22	11	33	0.27	0
31	Industrial/Occupational Injuries	0	0	16	5	21	0.17	0
32	Diabetes	0	0	15	5	20	0.16	0
33	Epilepsy	0	0	1	4	5	0.04	0
34	Motor Vehicle Injuries	0	0	4	0	4	0.03	0
35	Injuries/Fractures	0	0	4	0	4	0.03	0
36	Other Eye Diseases	0	0	3	0	3	0.02	0
<b>Total</b>		<b>1430</b>	<b>1637</b>	<b>4700</b>	<b>4569</b>	<b>12336</b>	<b>100</b>	<b>0</b>

**Hospital morbidity report for Kanglung BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	81	114	339	414	948	29.63	6
2	Cough & Colds	135	143	264	282	824	25.75	0
3	Skin Diseases (other than scabies)	48	46	97	85	276	8.63	1
4	Diarrhoea	55	35	94	62	246	7.69	0
5	Peptic Ulcer Syndrome	0	2	80	74	156	4.88	1
6	Eye Diseases (Conjunctivitis)	16	19	42	44	121	3.78	0
7	Ear Diseases	17	24	37	43	121	3.78	0
8	Worms	20	23	29	35	107	3.34	0
9	Hypertension	0	0	36	42	78	2.44	1

**Hospital morbidity report for Kanglung BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
10	Diseases of Teeth and Gums	0	8	28	35	71	2.22	0
11	Injuries/Fractures	2	3	32	29	66	2.06	1
12	Dysentery (bacillary or amoebic)	6	4	25	10	45	1.41	0
13	Anaemia	0	0	0	36	36	1.13	0
14	Epilepsy	0	3	12	5	20	0.63	0
15	Bites/Stings	0	3	11	6	20	0.63	0
16	Pneumonia	11	4	2	3	20	0.63	0
17	UTI (other than STD)	0	2	3	10	15	0.47	0
18	Hepatitis(Jaundice)	1	0	3	5	9	0.28	1
19	Urethral Discharge (susp. STD)	0	0	5	1	6	0.19	0
20	Scabies	0	1	5	0	6	0.19	0
21	Vaginal Discharge (susp. STD)	0	0	0	4	4	0.13	0
22	Genital Ulcer (susp. STD)	0	0	3	1	4	0.13	0
23	Other Mental Disorders	0	0	1	0	1	0.03	0
<b>Total</b>		<b>392</b>	<b>434</b>	<b>1148</b>	<b>1226</b>	<b>3200</b>	<b>100</b>	<b>11</b>

**Hospital morbidity report for Trongsa Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	126	174	1099	776	2175	20.22	1
2	All Other New Cases	168	51	765	814	1798	16.71	5
3	Skin Diseases (other than scabies)	81	57	549	374	1061	9.86	1
4	Peptic Ulcer Syndrome	0	0	439	490	929	8.64	2
5	Other Respiratory Diseases	66	64	385	385	900	8.37	0
6	Diarrhoea	68	92	247	158	565	5.25	0
7	Diseases of Teeth and Gums	5	1	218	223	447	4.16	0
8	Dysentery (bacillary or amoebic)	53	34	178	106	371	3.45	0
9	Injuries/Fractures	9	1	277	50	337	3.13	1
10	Other Musculo-skeletal Disease	0	0	183	103	286	2.66	2
11	Other Eye Diseases	11	9	136	128	284	2.64	0
12	Eye Diseases (Conjunctivitis)	15	12	118	101	246	2.29	0
13	Worms	20	10	81	58	169	1.57	0
14	Ear Diseases	22	18	67	58	165	1.53	0
15	UTI (other than STD)	2	2	53	87	144	1.34	0
16	Dental Caries	0	0	64	80	144	1.34	0
17	Hypertension	0	0	58	59	117	1.09	0
18	Other Disease of Digestive System	10	10	43	48	111	1.03	0
19	Industrial/Occupational Injuries	4	2	63	20	89	0.83	1
20	Bites/Stings	2	3	36	10	51	0.47	0

**Hospital morbidity report for Trongsa Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
21	Pneumonia	21	15	5	8	49	0.46	0
22	Anaemia	1	0	13	28	42	0.39	0
23	Arthritis	0	0	21	16	37	0.34	0
24	Urethral Discharge (susp. STD)	0	0	31	6	37	0.34	0
25	Other Ear Problems	2	1	18	9	30	0.28	0
26	Hepatitis(Jaundice)	0	1	11	7	19	0.18	1
27	Epilepsy	0	0	9	9	18	0.17	0
28	Genital Ulcer (susp. STD)	0	0	13	4	17	0.16	0
29	Other Nutritional Deficiencies	1	0	3	12	16	0.15	0
30	Pelvic Inflammatory Disease	0	0	0	16	16	0.15	0
31	Other Circulatory Diseases	0	0	7	7	14	0.13	0
32	Rheumatic Heart Disease	0	0	5	8	13	0.12	1
33	Burns & Scalds	3	1	7	1	12	0.11	0
34	Diseases of Breast	0	0	0	12	12	0.11	0
35	Menstrual Disturbances	0	0	0	11	11	0.10	0
36	Malaria	0	1	4	3	8	0.07	0
37	Anxiety	0	0	2	2	4	0.04	0
38	Vaginal Discharge (susp. STD)	0	0	0	4	4	0.04	0
39	Diabetes	0	0	2	1	3	0.03	0
40	Motor Vehicle Injuries	0	0	1	1	2	0.02	0
41	Scabies	0	0	2	0	2	0.02	0
42	Cataract	0	0	1	0	1	0.01	0
43	Depression	0	0	0	1	1	0.01	0
<b>Total</b>		<b>690</b>	<b>559</b>	<b>5214</b>	<b>4294</b>	<b>10757</b>	<b>100</b>	<b>15</b>

**Hospital morbidity report for Damphu Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	314	274	1391	1177	3156	20.46	0
2	All Other New Cases	150	108	1361	1233	2852	18.49	0
3	Other Respiratory Diseases	66	51	887	854	1858	12.05	0
4	Skin Diseases (other than scabies)	115	113	705	579	1512	9.80	0
5	Peptic Ulcer Syndrome	7	5	366	470	848	5.50	0
6	Dental Caries	16	10	351	379	756	4.90	94
7	Diarrhoea	83	70	274	204	631	4.09	0
8	Eye Diseases (Conjunctivitis)	35	23	242	224	524	3.40	0
9	Other Musculo-skeletal Disease	33	30	252	206	521	3.38	0
10	Dysentery (bacillary or amoebic)	50	60	158	92	360	2.33	0
11	Ear Diseases	28	27	145	138	338	2.19	0
12	Industrial/Occupational Injuries	6	2	171	69	248	1.61	0

**Hospital morbidity report for Damphu Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
13	Other Disease of Disgestive System	12	14	85	80	191	1.24	0
14	UTI (other than STD)	1	2	61	119	183	1.19	0
15	Injuries/Fractures	6	4	118	42	170	1.10	0
16	Other Eye Diseases	5	6	86	67	164	1.06	0
17	Other Disorders of Nervous System	2	8	43	69	122	0.79	0
18	Hypertension	0	0	37	67	104	0.67	0
19	Other Ear Problems	6	7	42	48	103	0.67	0
20	Worms	16	11	48	26	101	0.65	0
21	Diseases of Teeth and Gums	1	0	44	49	94	0.61	0
22	Pneumonia	21	22	19	21	83	0.54	0
23	Scabies	3	5	39	35	82	0.53	0
24	Bites/Stings	7	0	33	24	64	0.41	0
25	Pelvic Inflammatory Disease	0	0	0	45	45	0.29	0
26	Other Neoplasms	5	2	15	22	44	0.29	0
27	Diseases of Breast	0	0	0	38	38	0.25	0
28	Burns & Scalds	3	8	13	8	32	0.21	0
29	Menstrual Disturbances	0	0	0	32	32	0.21	0
30	Anaemia	0	0	9	21	30	0.19	0
31	Malaria	2	2	13	11	28	0.18	0
32	Vaginal Discharge (susp. STD)	0	1	0	19	20	0.13	0
33	Motor Vehicle Injuries	0	0	14	0	14	0.09	0
34	Arthritis	0	0	9	4	13	0.08	0
35	Genital Ulcer (susp. STD)	0	0	8	4	12	0.08	0
36	Hepatitis(Jaundice)	0	2	6	3	11	0.07	0
37	Urethral Discharge (susp. STD)	0	0	7	3	10	0.06	0
38	Other Mental Disorders	0	2	3	3	8	0.05	0
39	Other Nutritional Deficiencies	1	0	1	3	5	0.03	0
40	Epilepsy	0	0	2	2	4	0.03	0
41	Cerebro-vascular Diseases	0	0	2	1	3	0.02	0
42	Rheumatic Heart Disease	0	0	2	1	3	0.02	0
43	Depression	0	0	1	1	2	0.01	0
44	Psychosis	0	0	2	0	2	0.01	0
45	Other Circulatory Diseases	0	0	0	1	1	0.01	0
46	Protein Energy Malnutrition	0	1	0	0	1	0.01	0
<b>Total</b>		<b>994</b>	<b>870</b>	<b>7065</b>	<b>6494</b>	<b>15423</b>	<b>100</b>	<b>94</b>

**Hospital morbidity report for Wangdi RBA Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	551	501	868	802	2722	14.02	0
2	Diarrhoea	405	340	993	690	2428	12.50	3
3	Dental Caries	42	26	1158	767	1993	10.26	0
4	Dysentery (bacillary or amoebic)	231	243	680	385	1539	7.93	0
5	Eye Diseases (Conjunctivitis)	254	220	619	430	1523	7.84	0
6	All Other New Cases	88	84	675	444	1291	6.65	0
7	Peptic Ulcer Syndrome	0	0	471	426	897	4.62	0
8	Ear Diseases	162	125	315	238	840	4.33	0
9	Skin Diseases (other than scabies)	71	67	280	212	630	3.24	0
10	Other Disease of Digestive System	4	3	365	249	621	3.20	0
11	Diseases of Teeth and Gums	4	4	365	169	542	2.79	0
12	Hypertension	0	0	259	236	495	2.55	0
13	Other Respiratory Diseases	24	24	202	217	467	2.40	0
14	Injuries/Fractures	24	15	230	96	365	1.88	0
15	Worms	27	25	188	117	357	1.84	0
16	UTI (other than STD)	0	0	115	232	347	1.79	0
17	Other Ear Problems	42	48	119	108	317	1.63	0
18	Arthritis	0	0	131	83	214	1.10	0
19	Scabies	12	19	108	69	208	1.07	0
20	Other Eye Diseases	3	7	116	58	184	0.95	0
21	Other Musculo-skeletal Disease	1	0	104	46	151	0.78	0
22	Pneumonia	34	48	37	19	138	0.71	0
23	Bites/Stings	11	9	78	38	136	0.70	0
24	Cerebro-vascular Diseases	0	0	77	58	135	0.70	0
25	Anaemia	7	6	24	60	97	0.50	0
26	Other Nutritional Deficiencies	13	18	24	31	86	0.44	0
27	Other Disorders of Nervous System	0	0	48	17	65	0.33	0
28	Diseases of Breast	0	0	0	60	60	0.31	0
29	Menstrual Disturbances	0	0	0	58	58	0.30	0
30	Hepatitis(Jaundice)	20	13	10	7	50	0.26	0
31	Diabetes	0	0	24	23	47	0.24	0
32	Rheumatic Heart Disease	3	2	18	19	42	0.22	0
33	Burns & Scalds	8	8	11	12	39	0.20	0
34	Psychosis	0	2	15	20	37	0.19	0
35	Motor Vehicle Injuries	0	0	28	8	36	0.19	0
36	Epilepsy	0	0	21	13	34	0.18	0
37	Other Mental Disorders	0	0	16	16	32	0.16	0
38	Vaginal Discharge (susp. STD)	0	0	0	31	31	0.16	0
39	Genital Ulcer (susp. STD)	0	0	28	0	28	0.14	0
40	Protein Energy Malnutrition	11	16	0	0	27	0.14	0
41	Other Circulatory Diseases	0	0	16	9	25	0.13	0



**Hospital morbidity report for Wangdi RBA Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
42	Urethral Discharge (susp. STD)	0	0	14	8	22	0.11	0
43	Depression	0	0	7	9	16	0.08	0
44	Malaria	0	1	11	3	15	0.08	0
45	Anxiety	0	0	6	5	11	0.06	0
46	Cirrhosis	0	0	5	3	8	0.04	0
47	Other Neoplasms	0	0	6	0	6	0.03	0
48	Other Blood Disorders	0	0	1	2	3	0.02	0
49	Industrial/Occupational Injuries	0	0	1	1	2	0.01	0
50	Meningitis/Encephalitis	0	1	0	0	1	0.01	0
<b>Total</b>		<b>2052</b>	<b>1875</b>	<b>8887</b>	<b>6604</b>	<b>19418</b>	<b>100</b>	<b>3</b>

**Hospital morbidity report for Bajo BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	385	459	1611	1511	3966	28.72	0
2	Skin Diseases (other than scabies)	120	150	684	502	1456	10.55	0
3	Peptic Ulcer Syndrome	5	9	492	759	1265	9.16	0
4	Diarrhoea	189	182	419	324	1114	8.07	0
5	Other Musculo-skeletal Disease	3	0	408	290	701	5.08	0
6	Other Respiratory Diseases	14	18	314	298	644	4.66	0
7	Dysentery (bacillary or amoebic)	65	94	268	212	639	4.63	0
8	Hypertension	0	0	217	235	452	3.27	0
9	Eye Diseases (Conjunctivitis)	33	30	165	163	391	2.83	0
10	Industrial/Occupational Injuries	18	10	226	91	345	2.50	0
11	UTI (other than STD)	1	3	79	262	345	2.50	0
12	Anaemia	0	0	85	257	342	2.48	0
13	Ear Diseases	32	42	138	121	333	2.41	0
14	All Other New Cases	10	13	106	123	252	1.83	0
15	Worms	47	34	100	63	244	1.77	0
16	Other Nutritional Deficiencies	18	18	85	83	204	1.48	0
17	Pneumonia	52	57	41	39	189	1.37	0
18	Diseases of Teeth and Gums	0	0	69	76	145	1.05	0
19	Bites/Stings	3	11	76	51	141	1.02	0
20	Dental Caries	2	3	53	46	104	0.75	1
21	Other Eye Diseases	5	3	48	36	92	0.67	0
22	Injuries/Fractures	3	2	37	23	65	0.47	0
23	Menstrual Disturbances	0	0	0	58	58	0.42	0
24	Other Disease of Digestive System	5	3	31	16	55	0.40	0
25	Scabies	6	6	13	13	38	0.28	0
26	Arthritis	0	0	12	14	26	0.19	0
27	Vaginal Discharge (susp. STD)	0	0	0	21	21	0.15	0

**Hospital morbidity report for Bajo BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
28	Burns & Scalds	7	3	5	5	20	0.14	0
29	Urethral Discharge (susp. STD)	0	0	14	5	19	0.14	0
30	Rheumatic Heart Disease	0	0	11	5	16	0.12	0
31	Cirrhosis	0	0	13	2	15	0.11	0
32	Motor Vehicle Injuries	0	0	11	4	15	0.11	0
33	Malaria	0	0	6	6	12	0.09	0
34	Diseases of Breast	0	0	0	12	12	0.09	2
35	Epilepsy	0	1	7	3	11	0.08	0
36	Other Ear Problems	2	1	7	1	11	0.08	0
37	Hepatitis(Jaundice)	1	0	6	2	9	0.07	0
38	Depression	1	0	2	6	9	0.07	0
39	Genital Ulcer (susp. STD)	0	0	6	2	8	0.06	0
40	Pelvic Inflammatory Disease	0	0	0	7	7	0.05	0
41	Protein Energy Malnutrition	1	0	3	0	4	0.03	0
42	Psychosis	0	0	1	2	3	0.02	0
43	Other Circulatory Diseases	1	0	1	0	2	0.01	0
44	Meningitis/Encephalitis	0	0	0	2	2	0.01	0
45	Other Disorders of Nervous System	0	0	1	1	2	0.01	0
46	Diabetes	0	0	1	1	2	0.01	0
47	Gall Bladder Disease	0	0	0	1	1	0.01	0
<b>Total</b>		<b>1029</b>	<b>1152</b>	<b>5872</b>	<b>5754</b>	<b>13807</b>	<b>100</b>	<b>3</b>

**Hospital morbidity report for Yangtse Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	124	95	640	499	1358	18.19	0
2	All Other New Cases	70	62	467	408	1007	13.49	0
3	Skin Diseases (other than scabies)	64	75	399	233	771	10.33	0
4	Diarrhoea	72	97	258	162	589	7.89	0
5	Dysentery (bacillary or amoebic)	118	51	229	127	525	7.03	0
6	Other Respiratory Diseases	26	22	241	205	494	6.62	0
7	Worms	23	15	165	136	339	4.54	0
8	Peptic Ulcer Syndrome	1	1	156	136	294	3.94	0
9	Eye Diseases (Conjunctivitis)	11	15	127	97	250	3.35	0
10	Hypertension	0	0	94	96	190	2.54	0
11	Other Musculo-skeletal Disease	0	1	124	63	188	2.52	0
12	Ear Diseases	28	21	82	56	187	2.50	0
13	Dental Caries	4	2	81	53	140	1.88	0
14	Diseases of Teeth and Gums	1	5	89	43	138	1.85	9
15	UTI (other than STD)	2	4	61	53	120	1.61	0

# Hospital morbidity report for Yangtse Hospital - 2002

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
16	Injuries/Fractures	6	7	81	26	120	1.61	0
17	Other Eye Diseases	1	4	63	44	112	1.50	0
18	Scabies	10	15	46	40	111	1.49	0
19	Other Nutritional Deficiencies	9	7	45	24	85	1.14	0
20	Other Ear Problems	4	6	20	21	51	0.68	0
21	Pneumonia	18	20	5	6	49	0.66	0
22	Malaria	5	9	18	17	49	0.66	0
23	Industrial/Occupational Injuries	0	0	39	7	46	0.62	0
24	Other Disease of Digestive System	0	2	24	13	39	0.52	0
25	Other Disorders of Nervous System	0	0	17	16	33	0.44	0
26	Anaemia	0	1	8	24	33	0.44	0
27	Diseases of Breast	0	0	0	20	20	0.27	0
28	Arthritis	0	0	7	8	15	0.20	0
29	Hepatitis(Jaundice)	0	0	10	5	15	0.20	0
30	Burns & Scalds	5	2	6	0	13	0.17	0
31	Bites/Stings	0	0	8	4	12	0.16	0
32	Epilepsy	0	0	6	5	11	0.15	0
33	Menstrual Disturbances	0	0	0	9	9	0.12	0
34	Cataract	0	0	2	6	8	0.11	0
35	Rheumatic Heart Disease	0	2	2	4	8	0.11	0
36	Urethral Discharge (susp. STD)	0	0	2	4	6	0.08	0
37	Vaginal Discharge (susp. STD)	0	0	0	5	5	0.07	0
38	Other Mental Disorders	0	0	3	2	5	0.07	0
39	Cerebro-vascular Diseases	0	0	2	2	4	0.05	0
40	Depression	0	0	1	2	3	0.04	0
41	Genital Ulcer (susp. STD)	0	0	3	0	3	0.04	0
42	Cirrhosis	0	0	2	0	2	0.03	0
43	Other Circulatory Diseases	0	0	1	1	2	0.03	0
44	Anxiety	0	0	1	1	2	0.03	0
45	Motor Vehicle Injuries	0	0	2	0	2	0.03	0
46	Pelvic Inflammatory Disease	0	0	0	2	2	0.03	0
47	Psychosis	0	0	0	1	1	0.01	0
Total		602	541	3637	2686	7466	100	9

**Hospital morbidity report for Yebilepcha Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref- erred
		Male	Female	Male	Female			
1	Cough & Colds	296	289	804	936	2325	23.44	0
2	Skin Diseases (other than scabies)	127	114	590	388	1219	12.29	0
3	All Other New Cases	35	34	366	660	1095	11.04	0
4	Diarrhoea	109	83	212	163	567	5.72	0
5	Peptic Ulcer Syndrome	0	3	213	308	524	5.28	0
6	Other Musculo-skeletal Disease	4	3	240	170	417	4.20	0
7	Other Respiratory Diseases	28	22	130	135	315	3.18	0
8	Injuries/Fractures	13	6	207	68	294	2.96	0
9	Other Eye Diseases	3	3	124	138	268	2.70	0
10	Dysentery (bacillary or amoebic)	34	37	107	63	241	2.43	0
11	Other Disease of Digestive System	9	9	107	110	235	2.37	0
12	Ear Diseases	46	41	74	69	230	2.32	0
13	Hypertension	0	0	100	126	226	2.28	0
14	Dental Caries	3	5	70	108	186	1.88	0
15	Diseases of Teeth and Gums	5	9	74	87	175	1.76	0
16	Eye Diseases (Conjunctivitis)	10	12	71	72	165	1.66	0
17	Other Ear Problems	12	7	69	60	148	1.49	0
18	Menstrual Disturbances	0	0	0	133	133	1.34	0
19	Worms	17	19	46	42	124	1.25	0
20	UTI (other than STD)	1	6	36	76	119	1.20	0
21	Scabies	3	7	45	36	91	0.92	0
22	Industrial/Occupational Injuries	4	7	45	31	87	0.88	0
23	Other Nutritional Deficiencies	0	5	33	28	66	0.67	0
24	Pelvic Inflammatory Disease	0	0	0	65	65	0.66	0
25	Arthritis	0	1	28	28	57	0.57	0
26	Bites/Stings	3	3	20	16	42	0.42	0
27	Anaemia	1	0	10	27	38	0.38	0
28	Vaginal Discharge (susp. STD)	0	0	0	32	32	0.32	0
29	Genital Ulcer (susp. STD)	0	0	2	28	30	0.30	0
30	Malaria	1	0	15	13	29	0.29	0
31	Gall Bladder Disease	0	1	7	21	29	0.29	0
32	Burns & Scalds	2	6	14	7	29	0.29	0
33	Pneumonia	7	10	4	6	27	0.27	0
34	Motor Vehicle Injuries	0	0	22	5	27	0.27	0
35	Diseases of Breast	0	0	0	24	24	0.24	0
36	Hepatitis(Jaundice)	2	3	10	8	23	0.23	0
37	Rheumatic Heart Disease	0	0	8	14	22	0.22	0
38	Anxiety	0	0	10	10	20	0.20	0
39	Epilepsy	3	0	12	4	19	0.19	0
40	Other Disorders of Nervous System	0	1	9	7	17	0.17	0
41	Urethral Discharge (susp. STD)	0	0	5	12	17	0.17	0

**Hospital morbidity report for Yebilepcha Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
42	Diabetes	0	0	3	13	16	0.16	0
43	Cervical Cancer	0	0	0	15	15	0.15	0
44	Protein Energy Malnutrition	5	1	6	1	13	0.13	0
45	Cerebro-vascular Diseases	0	0	6	6	12	0.12	0
46	Cirrhosis	0	0	6	6	12	0.12	0
47	Depression	0	0	4	6	10	0.10	0
48	Psychosis	0	0	6	3	9	0.09	0
49	Other Mental Disorders	0	0	4	5	9	0.09	0
50	Other Circulatory Diseases	0	0	3	4	7	0.07	0
51	Cataract	0	0	5	2	7	0.07	0
52	Other Blood Disorders	0	0	3	2	5	0.05	0
53	Other Neoplasms	0	0	1	4	5	0.05	0
<b>Total</b>		<b>783</b>	<b>747</b>	<b>3986</b>	<b>4401</b>	<b>9917</b>	<b>100</b>	<b>0</b>

**Hospital morbidity report for Panbang BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	Cough & Colds	206	215	980	800	2201	32.64	0
2	All Other New Cases	105	110	976	798	1989	29.50	3
3	Skin Diseases (other than scabies)	63	60	312	222	657	9.74	0
4	Diarrhoea	34	44	177	115	370	5.49	0
5	Dysentery (bacillary or amoebic)	55	36	109	56	256	3.80	0
6	Eye Diseases (Conjunctivitis)	20	26	100	101	247	3.66	1
7	Injuries/Fractures	8	3	168	47	226	3.35	5
8	Diseases of Teeth and Gums	4	3	79	82	168	2.49	0
9	Peptic Ulcer Syndrome	0	0	85	67	152	2.25	1
10	Ear Diseases	17	23	39	46	125	1.85	0
11	Pneumonia	28	29	16	15	88	1.31	2
12	UTI (other than STD)	4	3	32	47	86	1.28	0
13	Worms	11	12	27	22	72	1.07	0
14	Bites/Stings	5	1	24	20	50	0.74	0
15	Hypertension	0	0	16	10	26	0.39	2
16	Anaemia	0	0	4	7	11	0.16	0
17	Scabies	1	1	4	0	6	0.09	0
18	Vaginal Discharge (susp. STD)	0	0	0	3	3	0.04	0
19	Genital Ulcer (susp. STD)	0	0	3	0	3	0.04	0
20	Malaria	0	0	2	1	3	0.04	0
21	Urethral Discharge (susp. STD)	0	0	2	0	2	0.03	0
22	Hepatitis(Jaundice)	0	0	1	1	2	0.03	0
<b>Total</b>		<b>561</b>	<b>566</b>	<b>3156</b>	<b>2460</b>	<b>6743</b>	<b>100</b>	<b>14</b>

**Hospital morbidity report for Zhemgang BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%	Ref-erred
		Male	Female	Male	Female			
1	All Other New Cases	71	67	559	591	1288	36.58	0
2	Cough & Colds	103	100	246	234	683	19.40	0
3	Peptic Ulcer Syndrome	2	6	176	174	358	10.17	0
4	Skin Diseases (other than scabies)	34	32	112	104	282	8.01	0
5	Diarrhoea	38	42	107	73	260	7.38	0
6	Diseases of Teeth and Gums	3	5	44	76	128	3.64	0
7	Eye Diseases (Conjunctivitis)	3	9	53	46	111	3.15	0
8	Injuries/Fractures	3	1	63	20	87	2.47	0
9	Dysentery (bacillary or amoebic)	19	16	30	22	87	2.47	0
10	UTI (other than STD)	0	2	23	32	57	1.62	0
11	Ear Diseases	10	8	15	19	52	1.48	0
12	Worms	5	3	16	6	30	0.85	0
13	Other Nutritional Deficiencies	1	4	2	11	18	0.51	0
14	Pneumonia	9	5	0	1	15	0.43	0
15	Malaria	1	0	6	8	15	0.43	0
16	Hypertension	0	0	4	11	15	0.43	0
17	Other Eye Diseases	0	0	5	3	8	0.23	0
18	Scabies	0	0	8	0	8	0.23	0
19	Bites/Stings	1	0	5	1	7	0.20	0
20	Genital Ulcer (susp. STD)	0	0	2	2	4	0.11	0
21	Urethral Discharge (susp. STD)	0	0	2	1	3	0.09	0
22	Anaemia	0	0	0	3	3	0.09	0
23	Other Mental Disorders	0	0	2	0	2	0.06	0
<b>Total</b>		<b>303</b>	<b>300</b>	<b>1480</b>	<b>1438</b>	<b>3521</b>	<b>100</b>	<b>0</b>

**Hospital Indoor morbidity cases reported for Bhutan - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	870	678	5087	7833	14468	52.49
2	Other Respiratory Diseases	423	396	811	722	2352	8.53
3	Malaria	91	108	1012	667	1878	6.81
4	Pneumonia	639	583	225	185	1632	5.92
5	Diarrhoea	203	204	249	238	894	3.24
6	Industrial/Occupational Injuries	39	24	571	232	866	3.14
7	Peptic Ulcer Syndrome	5	7	319	393	724	2.63
8	UTI (other than STD)	16	20	180	497	713	2.59
9	Tuberculosis (all types)	17	20	356	239	632	2.29
10	Other Neoplasms	5	25	276	150	456	1.65
11	Dysentery (bacillary or amoebic)	65	49	172	144	430	1.56
12	Gall Bladder Disease	2	0	102	280	384	1.39
13	Hepatitis(Jaundice)	77	63	110	88	338	1.23
14	Cirrhosis	0	3	164	118	285	1.03
15	Motor Vehicle Injuries	9	7	200	65	281	1.02
16	Acute Apendicitis	3	0	145	78	226	0.82
17	Rheumatic Heart Disease	7	10	75	132	224	0.81
18	Pelvic Inflammatory Disease	0	1	0	193	194	0.70
19	Burns & Scalds	33	25	56	58	172	0.62
20	Cerebro-vascular Diseases	0	3	93	58	154	0.56
21	Protein Energy Malnutrition	47	55	22	27	151	0.55
22	Epilepsy	16	15	46	40	117	0.42
23	Diseases of Breast	0	0	0	91	91	0.33
24	Diabetes	1	0	62	28	91	0.33
25	Cough & Colds	5	16	27	35	83	0.30
26	Meningitis/Encephalitis	7	17	26	25	75	0.27
27	Cervical Cancer	0	0	0	32	32	0.12
28	Eye Diseases (Conjunctivitis)	1	1	1	8	11	0.04
29	Diseases of Teeth and Gums	1	2	4	3	10	0.04
30	Worms	0	1	3	6	10	0.04
31	Skin Diseases (other than scabies)	3	1	1	4	9	0.03
32	Ear Diseases	3	0	3	1	7	0.03
33	Anaemia	0	0	0	5	5	0.02
34	Injuries/Fractures	0	0	2	2	4	0.01
35	Hypertension	0	0	1	2	3	0.01
<b>Total</b>		<b>2588</b>	<b>2334</b>	<b>10401</b>	<b>12679</b>	<b>28002</b>	<b>101.59</b>

**Hospital Indoor morbidity cases reported for Bumthang - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	4	6	134	166	310	60.08
2	Other Respiratory Diseases	3	9	20	17	49	9.50
3	Peptic Ulcer Syndrome	0	0	18	13	31	6.01
4	Diarrhoea	0	2	5	11	18	3.49
5	Motor Vehicle Injuries	1	1	12	2	16	3.10
6	Industrial/Occupational Injuries	0	0	8	7	15	2.91
7	Pneumonia	4	7	1	1	13	2.52
8	Dysentery (bacillary or amoebic)	2	2	6	2	12	2.33
9	UTI (other than STD)	0	0	2	7	9	1.74
10	Diabetes	0	0	3	6	9	1.74
11	Cirrhosis	0	0	7	1	8	1.55
12	Burns & Scalds	0	1	1	2	4	0.78
13	Pelvic Inflammatory Disease	0	0	0	3	3	0.58
14	Cerebro-vascular Diseases	0	0	2	1	3	0.58
15	Epilepsy	0	0	1	2	3	0.58
16	Tuberculosis (all types)	0	0	2	1	3	0.58
17	Rheumatic Heart Disease	0	0	0	3	3	0.58
18	Diseases of Breast	0	0	0	2	2	0.39
19	Meningitis/Encephalitis	0	1	1	0	2	0.39
20	Other Neoplasms	0	0	2	0	2	0.39
21	Hepatitis(Jaundice)	0	0	1	0	1	0.19
<b>Total</b>		<b>14</b>	<b>29</b>	<b>226</b>	<b>247</b>	<b>516</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Tsimalakha Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	19	5	137	196	357	49.24
2	Pneumonia	37	44	3	1	85	11.72
3	Other Respiratory Diseases	9	7	32	34	82	11.31
4	Industrial/Occupational Injuries	0	0	37	9	46	6.34
5	Malaria	3	2	11	9	25	3.45
6	Motor Vehicle Injuries	0	0	19	4	23	3.17
7	UTI (other than STD)	0	0	2	16	18	2.48
8	Tuberculosis (all types)	0	0	9	8	17	2.34
9	Dysentery (bacillary or amoebic)	2	3	5	4	14	1.93
10	Peptic Ulcer Syndrome	0	0	4	8	12	1.66
11	Diarrhoea	3	3	4	1	11	1.52
12	Acute Apendicitis	0	0	6	2	8	1.10
13	Burns & Scalds	2	0	2	1	5	0.69
14	Hepatitis(Jaundice)	1	1	0	3	5	0.69
15	Pelvic Inflammatory Disease	0	0	0	4	4	0.55



**Hospital Indoor morbidity cases reported for Tsimalakha Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
16	Cirrhosis	0	0	2	1	3	0.41
17	Protein Energy Malnutri	0	0	1	1	2	0.28
18	Other Neoplasms	0	0	2	0	2	0.28
19	Diseases of Breast	0	0	0	2	2	0.28
20	Cerebro-vascular Diseas	0	0	2	0	2	0.28
21	Rheumatic Heart Diseas	0	0	0	1	1	0.14
22	Epilepsy	0	0	0	1	1	0.14
<b>Total</b>		<b>76</b>	<b>65</b>	<b>278</b>	<b>306</b>	<b>725</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Phuntsholing Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	16	17	144	75	252	28.19
2	Other Respiratory Disea	65	51	35	39	190	21.25
3	Malaria	7	9	66	59	141	15.77
4	Tuberculosis (all types)	1	1	37	17	56	6.26
5	Diarrhoea	13	18	9	11	51	5.70
6	UTI (other than STD)	0	0	6	27	33	3.69
7	Pneumonia	19	12	0	0	31	3.47
8	Dysentery (bacillary or	8	1	2	15	26	2.91
9	Gall Bladder Disease	0	0	9	10	19	2.13
10	Peptic Ulcer Syndrome	0	0	9	6	15	1.68
11	Acute Apendicitis	0	0	9	4	13	1.45
12	Motor Vehicle Injuries	1	0	6	4	11	1.23
13	Hepatitis(Jaundice)	1	2	3	2	8	0.89
14	Cirrhosis	0	0	4	3	7	0.78
15	Rheumatic Heart Diseas	0	0	3	3	6	0.67
16	Cerebro-vascular Diseas	0	0	5	1	6	0.67
17	Protein Energy Malnutri	1	2	0	2	5	0.56
18	Epilepsy	0	0	2	2	4	0.45
19	Diseases of Breast	0	0	0	4	4	0.45
20	Industrial/Occupational	0	0	2	2	4	0.45
21	Burns & Scalds	0	1	1	1	3	0.34
22	Meningitis/Encephalitis	0	1	0	1	2	0.22
23	Diabetes	0	0	2	0	2	0.22
24	Cervical Cancer	0	0	0	2	2	0.22
25	Pelvic Inflammatory Di	0	0	0	2	2	0.22
26	Other Neoplasms	0	0	1	0	1	0.11
<b>Total</b>		<b>132</b>	<b>115</b>	<b>355</b>	<b>292</b>	<b>894</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Gedu Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	8	5	122	220	355	51.08
2	Industrial/Occupational Injuries	1	0	56	13	70	10.07
3	Other Respiratory Diseases	13	13	18	23	67	9.64
4	Diarrhoea	6	5	11	14	36	5.18
5	Pneumonia	10	9	6	6	31	4.46
6	Motor Vehicle Injuries	0	0	17	6	23	3.31
7	UTI (other than STD)	0	0	2	15	17	2.45
8	Peptic Ulcer Syndrome	0	0	10	7	17	2.45
9	Dysentery (bacillary or amoebic)	0	0	9	4	13	1.87
10	Tuberculosis (all types)	0	0	6	3	9	1.29
11	Malaria	0	0	3	3	6	0.86
12	Epilepsy	1	0	4	1	6	0.86
13	Pelvic Inflammatory Disease	0	1	0	5	6	0.86
14	Acute Appendicitis	0	0	5	1	6	0.86
15	Hepatitis(Jaundice)	0	0	4	1	5	0.72
16	Cerebro-vascular Diseases	0	0	2	3	5	0.72
17	Meningitis/Encephalitis	0	0	3	1	4	0.58
18	Diabetes	0	0	3	1	4	0.58
19	Burns & Scalds	2	0	1	1	4	0.58
20	Diseases of Breast	0	0	0	3	3	0.43
21	Rheumatic Heart Disease	0	0	1	2	3	0.43
22	Gall Bladder Disease	0	0	2	1	3	0.43
23	Protein Energy Malnutrition	1	0	0	0	1	0.14
24	Cirrhosis	0	0	0	1	1	0.14
<b>Total</b>		<b>42</b>	<b>33</b>	<b>285</b>	<b>335</b>	<b>695</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Dagana BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	0	0	10	7	17	62.96
2	Industrial/Occupational Injuries	0	0	1	0	1	3.70
3	UTI (other than STD)	0	0	1	0	1	3.70
4	Gall Bladder Disease	0	0	1	0	1	3.70
5	Cirrhosis	0	0	1	0	1	3.70
6	Other Respiratory Diseases	0	0	1	0	1	3.70
7	Pneumonia	0	0	1	0	1	3.70
8	Cerebro-vascular Diseases	0	0	0	1	1	3.70
9	Meningitis/Encephalitis	0	0	1	0	1	3.70
10	Tuberculosis (all types)	0	0	1	0	1	3.70
11	Diarrhoea	0	0	0	1	1	3.70
<b>Total</b>		<b>0</b>	<b>0</b>	<b>18</b>	<b>9</b>	<b>27</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Bali BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	1	0	9	30	40	49.38
2	Dysentery (bacillary or amoebic)	0	0	3	4	7	8.64
3	Other Respiratory Diseases	0	0	3	2	5	6.17
4	Peptic Ulcer Syndrome	0	0	1	3	4	4.94
5	Diseases of Breast	0	0	0	3	3	3.70
6	Acute Appendicitis	0	0	1	2	3	3.70
7	Rheumatic Heart Disease	0	0	1	2	3	3.70
8	Diarrhoea	1	0	2	0	3	3.70
9	Industrial/Occupational Injuries	0	0	1	1	2	2.47
10	Epilepsy	0	0	0	2	2	2.47
11	Other Neoplasms	0	0	2	0	2	2.47
12	UTI (other than STD)	0	0	0	1	1	1.23
13	Cirrhosis	0	0	1	0	1	1.23
14	Motor Vehicle Injuries	0	0	1	0	1	1.23
15	Burns & Scalds	0	0	1	0	1	1.23
16	Cerebro-vascular Diseases	0	0	1	0	1	1.23
17	Tuberculosis (all types)	0	0	1	0	1	1.23
18	Pneumonia	1	0	0	0	1	1.23
<b>Total</b>		<b>3</b>	<b>0</b>	<b>28</b>	<b>50</b>	<b>81</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Lhuntse Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	48	19	76	70	213	50.12
2	Other Respiratory Diseases	6	5	23	10	44	10.35
3	Pneumonia	13	11	0	1	25	5.88
4	Peptic Ulcer Syndrome	0	2	6	14	22	5.18
5	Rheumatic Heart Disease	0	0	2	13	15	3.53
6	UTI (other than STD)	0	0	2	10	12	2.82
7	Epilepsy	2	4	0	5	11	2.59
8	Cirrhosis	0	0	4	6	10	2.35
9	Diarrhoea	3	2	4	1	10	2.35
10	Dysentery (bacillary or amoebic)	0	1	6	3	10	2.35
11	Industrial/Occupational Injuries	0	0	8	1	9	2.12
12	Tuberculosis (all types)	0	0	9	0	9	2.12
13	Hepatitis(Jaundice)	0	2	1	5	8	1.88
14	Protein Energy Malnutrition	4	2	0	0	6	1.41
15	Burns & Scalds	1	2	1	1	5	1.18

**Hospital Indoor morbidity cases reported for Lhuntse Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
16	Acute Apendicitis	0	0	1	3	4	0.94
17	Pelvic Inflammatory Disease	0	0	0	4	4	0.94
18	Motor Vehicle Injuries	0	0	3	0	3	0.71
19	Diseases of Breast	0	0	0	2	2	0.47
20	Diabetes	0	0	2	0	2	0.47
21	Other Neoplasms	0	0	1	0	1	0.24
<b>Total</b>		<b>77</b>	<b>50</b>	<b>149</b>	<b>149</b>	<b>425</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Mongar Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	108	33	385	477	1003	53.90
2	Industrial/Occupational Injuries	20	4	162	55	241	12.95
3	Pneumonia	55	53	16	28	152	8.17
4	Other Respiratory Diseases	27	28	31	45	131	7.04
5	Diarrhoea	6	15	14	21	56	3.01
6	Hepatitis(Jaundice)	4	2	17	16	39	2.10
7	Rheumatic Heart Disease	1	3	10	19	33	1.77
8	Peptic Ulcer Syndrome	0	0	18	12	30	1.61
9	Tuberculosis (all types)	0	1	7	15	23	1.24
10	Other Neoplasms	3	1	16	3	23	1.24
11	UTI (other than STD)	0	0	8	12	20	1.07
12	Dysentery (bacillary or amoebic)	1	2	7	7	17	0.91
13	Burns & Scalds	5	4	2	5	16	0.86
14	Cirrhosis	0	0	6	8	14	0.75
15	Motor Vehicle Injuries	0	0	8	3	11	0.59
16	Protein Energy Malnutrition	4	3	1	0	8	0.43
17	Malaria	0	0	6	2	8	0.43
18	Meningitis/Encephalitis	0	2	2	3	7	0.38
19	Diseases of Breast	0	0	0	7	7	0.38
20	Cervical Cancer	0	0	0	5	5	0.27
21	Cerebro-vascular Diseases	0	0	3	1	4	0.21
22	Diabetes	0	0	3	1	4	0.21
23	Acute Apendicitis	0	0	1	2	3	0.16
24	Epilepsy	0	0	1	2	3	0.16
25	Gall Bladder Disease	1	0	0	1	2	0.11
26	Pelvic Inflammatory Disease	0	0	0	1	1	0.05
<b>Total</b>		<b>235</b>	<b>151</b>	<b>724</b>	<b>751</b>	<b>1861</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Gyalposhing BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	0	0	0	2	2	50
2	Motor Vehicle Injuries	0	2	0	0	2	50
<b>Total</b>		<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Paro Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	59	38	321	413	831	64.27
2	Other Respiratory Diseases	8	8	42	29	87	6.73
3	Peptic Ulcer Syndrome	1	0	26	34	61	4.72
4	Pneumonia	14	18	9	13	54	4.18
5	UTI (other than STD)	0	0	12	41	53	4.10
6	Diarrhoea	8	6	21	10	45	3.48
7	Burns & Scalds	3	4	13	17	37	2.86
8	Motor Vehicle Injuries	1	1	13	7	22	1.70
9	Tuberculosis (all types)	1	0	14	3	18	1.39
10	Other Neoplasms	0	0	9	7	16	1.24
11	Dysentery (bacillary or amoebic)	2	0	11	0	13	1.01
12	Cirrhosis	0	0	8	5	13	1.01
13	Pelvic Inflammatory Disease	0	0	0	12	12	0.93
14	Gall Bladder Disease	0	0	2	5	7	0.54
15	Diseases of Breast	0	0	0	6	6	0.46
16	Malaria	0	0	1	3	4	0.31
17	Hepatitis(Jaundice)	2	0	0	1	3	0.23
18	Cerebro-vascular Diseases	0	0	3	0	3	0.23
19	Protein Energy Malnutrition	1	1	0	0	2	0.15
20	Rheumatic Heart Disease	0	0	1	1	2	0.15
21	Industrial/Occupational Injuries	0	0	2	0	2	0.15
22	Diabetes	0	0	0	1	1	0.08
23	Epilepsy	1	0	0	0	1	0.08
<b>Total</b>		<b>101</b>	<b>76</b>	<b>508</b>	<b>608</b>	<b>1293</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Pemagatshel Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	11	13	58	84	166	36.40
2	Pneumonia	36	28	8	8	80	17.54
3	Other Respiratory Diseases	1	2	19	27	49	10.75
4	UTI (other than STD)	0	0	7	25	32	7.02
5	Peptic Ulcer Syndrome	0	0	7	17	24	5.26
6	Diarrhoea	5	0	8	9	22	4.82
7	Dysentery (bacillary or amoebic)	2	0	10	9	21	4.61
8	Tuberculosis (all types)	0	0	9	5	14	3.07
9	Industrial/Occupational Injuries	0	1	6	3	10	2.19
10	Cirrhosis	0	0	4	6	10	2.19
11	Burns & Scalds	0	0	2	5	7	1.54
12	Malaria	0	0	3	2	5	1.10
13	Motor Vehicle Injuries	0	0	3	1	4	0.88
14	Epilepsy	1	0	1	0	2	0.44
15	Protein Energy Malnutrition	0	2	0	0	2	0.44
16	Hepatitis(Jaundice)	0	0	1	1	2	0.44
17	Diseases of Breast	0	0	0	2	2	0.44
18	Pelvic Inflammatory Disease	0	0	0	2	2	0.44
19	Rheumatic Heart Disease	0	0	0	1	1	0.22
20	Cerebro-vascular Diseases	0	0	1	0	1	0.22
<b>Total</b>		<b>56</b>	<b>46</b>	<b>147</b>	<b>207</b>	<b>456</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Punakha Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	23	25	180	304	532	40.70
2	Pneumonia	71	72	28	23	194	14.84
3	Other Respiratory Diseases	14	15	66	75	170	13.01
4	Peptic Ulcer Syndrome	1	0	29	50	80	6.12
5	Industrial/Occupational Injuries	1	4	51	19	75	5.74
6	Diarrhoea	13	10	27	17	67	5.13
7	Dysentery (bacillary or amoebic)	4	3	15	15	37	2.83
8	Tuberculosis (all types)	0	0	12	9	21	1.61
9	UTI (other than STD)	0	0	6	14	20	1.53
10	Cirrhosis	0	0	15	5	20	1.53
11	Protein Energy Malnutrition	5	12	1	0	18	1.38
12	Acute Apendicitis	0	0	9	3	12	0.92
13	Other Neoplasms	0	0	4	7	11	0.84
14	Hepatitis(Jaundice)	2	1	4	3	10	0.77
15	Malaria	0	0	4	4	8	0.61

**Hospital Indoor morbidity cases reported for Punakha Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
16	Rheumatic Heart Disease	0	0	4	2	6	0.46
17	Motor Vehicle Injuries	0	0	4	2	6	0.46
18	Meningitis/Encephalitis	1	2	2	0	5	0.38
19	Epilepsy	0	0	3	2	5	0.38
20	Burns & Scalds	1	1	2	1	5	0.38
21	Cerebro-vascular Diseases	0	0	1	2	3	0.23
22	Diabetes	1	0	0	0	1	0.08
23	Pelvic Inflammatory Disease	0	0	0	1	1	0.08
<b>Total</b>		<b>137</b>	<b>145</b>	<b>467</b>	<b>558</b>	<b>1307</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Samtse Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	6	12	92	217	327	31.00
2	Malaria	9	14	117	74	214	20.28
3	Other Respiratory Diseases	23	20	51	40	134	12.70
4	Diarrhoea	10	21	20	23	74	7.01
5	UTI (other than STD)	2	1	10	37	50	4.74
6	Industrial/Occupational Injuries	2	0	33	12	47	4.45
7	Peptic Ulcer Syndrome	1	0	16	15	32	3.03
8	Tuberculosis (all types)	0	0	19	12	31	2.94
9	Pneumonia	11	9	3	3	26	2.46
10	Hepatitis(Jaundice)	7	5	8	4	24	2.27
11	Cirrhosis	0	0	12	6	18	1.71
12	Dysentery (bacillary or amoebic)	1	1	10	6	18	1.71
13	Other Neoplasms	0	0	6	4	10	0.95
14	Cerebro-vascular Diseases	0	0	4	6	10	0.95
15	Motor Vehicle Injuries	0	0	7	0	7	0.66
16	Burns & Scalds	2	1	1	3	7	0.66
17	Epilepsy	0	1	3	2	6	0.57
18	Diseases of Breast	0	0	0	5	5	0.47
19	Rheumatic Heart Disease	0	0	3	1	4	0.38
20	Protein Energy Malnutrition	1	1	0	1	3	0.28
21	Gall Bladder Disease	0	0	1	2	3	0.28
22	Diabetes	0	0	2	0	2	0.19
23	Acute Appendicitis	0	0	1	1	2	0.19
24	Cervical Cancer	0	0	0	1	1	0.09
<b>Total</b>		<b>75</b>	<b>86</b>	<b>419</b>	<b>475</b>	<b>1055</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Gomtu Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	8	7	87	134	236	40.55
2	Malaria	10	2	58	55	125	21.48
3	Pneumonia	23	20	14	4	61	10.48
4	Other Respiratory Diseases	1	1	18	13	33	5.67
5	Industrial/Occupational Injuries	0	1	26	4	31	5.33
6	Diarrhoea	3	1	7	12	23	3.95
7	Dysentery (bacillary or amoebic)	0	1	6	15	22	3.78
8	UTI (other than STD)	0	0	4	11	15	2.58
9	Hepatitis(Jaundice)	2	1	5	3	11	1.89
10	Cirrhosis	0	0	3	5	8	1.37
11	Tuberculosis (all types)	0	0	6	1	7	1.20
12	Burns & Scalds	1	1	1	2	5	0.86
13	Peptic Ulcer Syndrome	0	0	1	2	3	0.52
14	Motor Vehicle Injuries	0	0	1	0	1	0.17
15	Rheumatic Heart Disease	0	0	0	1	1	0.17
<b>Total</b>		<b>48</b>	<b>35</b>	<b>237</b>	<b>262</b>	<b>582</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Sipsu Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	37	54	106	166	363	35.00
2	Malaria	20	21	161	154	356	34.33
3	Other Respiratory Diseases	20	20	21	28	89	8.58
4	Pneumonia	34	30	8	10	82	7.91
5	Diarrhoea	11	16	3	10	40	3.86
6	Dysentery (bacillary or amoebic)	3	5	5	7	20	1.93
7	UTI (other than STD)	3	1	4	10	18	1.74
8	Rheumatic Heart Disease	4	4	2	2	12	1.16
9	Peptic Ulcer Syndrome	0	0	5	7	12	1.16
10	Industrial/Occupational Injuries	0	0	11	0	11	1.06
11	Burns & Scalds	5	2	1	0	8	0.77
12	Hepatitis(Jaundice)	2	0	5	1	8	0.77
13	Tuberculosis (all types)	0	0	4	1	5	0.48
14	Motor Vehicle Injuries	1	0	3	0	4	0.39
15	Epilepsy	1	1	0	1	3	0.29
16	Acute Apendicitis	1	0	0	0	1	0.10
17	Pelvic Inflammatory Disease	0	0	0	1	1	0.10
18	Protein Energy Malnutrition	0	0	0	1	1	0.10
19	Diabetes	0	0	1	0	1	0.10
20	Other Neoplasms	0	0	1	0	1	0.10
21	Cerebro-vascular Diseases	0	0	0	1	1	0.10
<b>Total</b>		<b>142</b>	<b>154</b>	<b>341</b>	<b>400</b>	<b>1037</b>	<b>100</b>



**Hospital Indoor morbidity cases reported for Samdrupjongkhar Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	22	22	122	135	301	37.91
2	Malaria	4	4	55	29	92	11.59
3	Pneumonia	26	33	3	7	69	8.69
4	UTI (other than STD)	3	3	12	39	57	7.18
5	Industrial/Occupational Injuries	5	4	17	26	52	6.55
6	Tuberculosis (all types)	3	4	20	20	47	5.92
7	Other Respiratory Diseases	14	15	8	7	44	5.54
8	Diarrhoea	12	8	5	3	28	3.53
9	Peptic Ulcer Syndrome	1	0	5	14	20	2.52
10	Cirrhosis	0	0	9	5	14	1.76
11	Hepatitis(Jaundice)	2	2	7	2	13	1.64
12	Dysentery (bacillary or amoebic)	2	2	4	4	12	1.51
13	Rheumatic Heart Disease	1	0	1	6	8	1.01
14	Epilepsy	0	2	2	1	5	0.63
15	Motor Vehicle Injuries	0	0	4	1	5	0.63
16	Acute Apendicitis	0	0	3	1	4	0.50
17	Protein Energy Malnutrition	2	2	0	0	4	0.50
18	Burns & Scalds	1	1	1	1	4	0.50
19	Gall Bladder Disease	0	0	1	2	3	0.38
20	Diseases of Breast	0	0	0	3	3	0.38
21	Meningitis/Encephalitis	0	2	0	0	2	0.25
22	Cervical Cancer	0	0	0	2	2	0.25
23	Pelvic Inflammatory Disease	0	0	0	2	2	0.25
24	Diabetes	0	0	1	0	1	0.13
25	Other Neoplasms	0	0	1	0	1	0.13
26	Cerebro-vascular Diseases	0	0	1	0	1	0.13
<b>Total</b>		<b>98</b>	<b>104</b>	<b>282</b>	<b>310</b>	<b>794</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Deothang Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	13	21	406	148	588	56.05
2	Malaria	0	3	65	31	99	9.44
3	Other Respiratory Diseases	19	25	41	12	97	9.25
4	Pneumonia	16	11	14	1	42	4.00
5	Peptic Ulcer Syndrome	0	0	25	16	41	3.91
6	Tuberculosis (all types)	0	1	22	8	31	2.96
7	Industrial/Occupational Injuries	0	1	11	13	25	2.38
8	Diarrhoea	7	7	8	1	23	2.19
9	UTI (other than STD)	0	0	7	9	16	1.53
10	Motor Vehicle Injuries	0	1	8	4	13	1.24

**Hospital Indoor morbidity cases reported for Deothang Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
11	Acute Apendicitis	0	0	6	6	12	1.14
12	Rheumatic Heart Disease	0	0	6	4	10	0.95
13	Epilepsy	1	0	5	3	9	0.86
14	Hepatitis(Jaundice)	0	0	8	0	8	0.76
15	Dysentery (bacillary or amoebic)	1	1	4	0	6	0.57
16	Meningitis/Encephalitis	0	1	3	1	5	0.48
17	Gall Bladder Disease	0	0	1	4	5	0.48
18	Protein Energy Malnutrition	1	1	2	0	4	0.38
19	Cirrhosis	0	0	2	2	4	0.38
20	Diseases of Breast	0	0	0	4	4	0.38
21	Pelvic Inflammatory Disease	0	0	0	2	2	0.19
22	Diabetes	0	0	2	0	2	0.19
23	Cerebro-vascular Diseases	0	0	2	0	2	0.19
24	Burns & Scalds	0	1	0	0	1	0.10
<b>Total</b>		<b>58</b>	<b>74</b>	<b>648</b>	<b>269</b>	<b>1049</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Nganglam BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	2	3	48	22	75	45.18
2	Malaria	0	0	37	16	53	31.93
3	Pneumonia	5	6	1	0	12	7.23
4	Peptic Ulcer Syndrome	0	0	4	3	7	4.22
5	Other Respiratory Diseases	0	0	3	2	5	3.01
6	Industrial/Occupational Injuries	0	0	4	0	4	2.41
7	Dysentery (bacillary or amoebic)	0	0	1	1	2	1.20
8	Motor Vehicle Injuries	0	0	1	0	1	0.60
9	Pelvic Inflammatory Disease	0	0	0	1	1	0.60
10	Diseases of Breast	0	0	0	1	1	0.60
11	UTI (other than STD)	0	0	0	1	1	0.60
12	Cerebro-vascular Diseases	0	0	1	0	1	0.60
13	Protein Energy Malnutrition	0	1	0	0	1	0.60
14	Hepatitis(Jaundice)	0	0	1	0	1	0.60
15	Diarrhoea	0	0	1	0	1	0.60
<b>Total</b>		<b>7</b>	<b>10</b>	<b>102</b>	<b>47</b>	<b>166</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Raitar BHIU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	Malaria	4	6	52	25	87	33.08
2	All Other New Cases	3	0	28	39	70	26.62
3	Other Respiratory Diseases	0	0	12	13	25	9.51
4	Pneumonia	10	4	0	3	17	6.46
5	Dysentery (bacillary or amoebic)	0	2	2	12	16	6.08
6	Diarrhoea	1	0	5	7	13	4.94
7	Industrial/Occupational Injuries	0	0	2	9	11	4.18
8	UTI (other than STD)	0	0	1	5	6	2.28
9	Peptic Ulcer Syndrome	0	0	3	3	6	2.28
10	Tuberculosis (all types)	0	0	1	3	4	1.52
11	Motor Vehicle Injuries	0	0	1	1	2	0.76
12	Cerebro-vascular Diseases	0	0	1	1	2	0.76
13	Cirrhosis	0	0	1	0	1	0.38
14	Burns & Scalds	1	0	0	0	1	0.38
15	Cervical Cancer	0	0	0	1	1	0.38
16	Hepatitis(Jaundice)	0	0	0	1	1	0.38
<b>Total</b>		<b>19</b>	<b>12</b>	<b>109</b>	<b>123</b>	<b>263</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Sarpang Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	16	11	119	153	299	43.40
2	Malaria	7	12	82	54	155	22.50
3	Other Respiratory Diseases	15	14	17	13	59	8.56
4	Pneumonia	19	17	1	1	38	5.52
5	UTI (other than STD)	1	1	18	16	36	5.22
6	Industrial/Occupational Injuries	2	0	14	11	27	3.92
7	Diarrhoea	6	3	2	7	18	2.61
8	Cerebro-vascular Diseases	0	2	9	3	14	2.03
9	Dysentery (bacillary or amoebic)	2	0	5	4	11	1.60
10	Peptic Ulcer Syndrome	0	0	5	1	6	0.87
11	Cirrhosis	0	0	5	1	6	0.87
12	Tuberculosis (all types)	0	0	2	3	5	0.73
13	Rheumatic Heart Disease	0	1	1	3	5	0.73
14	Other Neoplasms	0	0	3	1	4	0.58
15	Burns & Scalds	1	0	1	1	3	0.44
16	Diabetes	0	0	1	1	2	0.29
17	Hepatitis(Jaundice)	0	0	1	0	1	0.15
<b>Total</b>		<b>69</b>	<b>61</b>	<b>286</b>	<b>273</b>	<b>689</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Gelephug Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	86	78	325	411	900	59.60
2	Malaria	19	25	208	98	350	23.18
3	Other Respiratory Diseases	24	16	38	18	96	6.36
4	Pneumonia	20	13	2	1	36	2.38
5	UTI (other than STD)	1	0	5	15	21	1.39
6	Diarrhoea	2	1	9	8	20	1.32
7	Tuberculosis (all types)	0	1	15	4	20	1.32
8	Dysentery (bacillary or amoebic)	11	0	2	3	16	1.06
9	Hepatitis(Jaundice)	0	0	8	2	10	0.66
10	Acute Apendicitis	0	0	5	4	9	0.60
11	Other Neoplasms	0	0	2	4	6	0.40
12	Rheumatic Heart Disease	0	0	3	3	6	0.40
13	Peptic Ulcer Syndrome	0	0	4	2	6	0.40
14	Pelvic Inflammatory Disease	0	0	0	3	3	0.20
15	Epilepsy	0	0	1	2	3	0.20
16	Diseases of Breast	0	0	0	2	2	0.13
17	Burns & Scalds	0	0	1	1	2	0.13
18	Protein Energy Malnutrition	1	0	0	0	1	0.07
19	Diabetes	0	0	1	0	1	0.07
20	Cervical Cancer	0	0	0	1	1	0.07
21	Motor Vehicle Injuries	0	0	1	0	1	0.07
<b>Total</b>		<b>164</b>	<b>134</b>	<b>630</b>	<b>582</b>	<b>1510</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for JDWNR Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	275	223	1411	3207	5116	64.21
2	Other Respiratory Diseases	96	78	150	123	447	5.61
3	Other Neoplasms	2	24	216	123	365	4.58
4	Gall Bladder Disease	1	0	81	247	329	4.13
5	Pneumonia	103	97	60	30	290	3.64
6	Hepatitis(Jaundice)	53	45	18	23	139	1.74
7	Acute Apendicitis	2	0	87	43	132	1.66
8	Pelvic Inflammatory Disease	0	0	0	132	132	1.66
9	Tuberculosis (all types)	5	5	57	48	115	1.44
10	Diarrhoea	43	32	11	12	98	1.23
11	UTI (other than STD)	5	6	16	61	88	1.10
12	Cough & Colds	5	16	27	35	83	1.04
13	Cirrhosis	0	3	44	23	70	0.88
14	Rheumatic Heart Disease	0	1	26	41	68	0.85
15	Diabetes	0	0	37	15	52	0.65

**Hospital Indoor morbidity cases reported for JDWNR Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
16	Protein Energy Malnutrition	13	9	10	20	52	0.65
17	Motor Vehicle Injuries	1	0	34	14	49	0.62
18	Cerebro-vascular Diseases	0	0	31	18	49	0.62
19	Malaria	4	6	17	13	40	0.50
20	Dysentery (bacillary or amoebic)	13	9	7	8	37	0.46
21	Meningitis/Encephalitis	3	6	9	16	34	0.43
22	Epilepsy	5	7	11	10	33	0.41
23	Diseases of Breast	0	0	0	29	29	0.36
24	Peptic Ulcer Syndrome	0	2	6	21	29	0.36
25	Burns & Scalds	2	4	12	9	27	0.34
26	Eye Diseases (Conjunctivitis)	1	1	1	8	11	0.14
27	Worms	0	1	3	6	10	0.13
28	Diseases of Teeth and Gums	1	2	4	3	10	0.13
29	Skin Diseases (other than scabies)	3	1	1	4	9	0.11
30	Ear Diseases	3	0	3	1	7	0.09
31	Anaemia	0	0	0	5	5	0.06
32	Injuries/Fractures	0	0	2	2	4	0.05
33	Cervical Cancer	0	0	0	3	3	0.04
34	Hypertension	0	0	1	2	3	0.04
35	Industrial/Occupational Injuries	0	0	1	1	2	0.03
<b>Total</b>		<b>639</b>	<b>578</b>	<b>2394</b>	<b>4356</b>	<b>7967</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Gidakom Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	1	1	68	64	134	45.42
2	Tuberculosis (all types)	5	3	36	14	58	19.66
3	Other Respiratory Diseases	3	0	15	6	24	8.14
4	Pneumonia	8	5	2	1	16	5.42
5	Peptic Ulcer Syndrome	0	0	6	9	15	5.08
6	Industrial/Occupational Injuries	0	0	6	2	8	2.71
7	UTI (other than STD)	0	0	1	7	8	2.71
8	Dysentery (bacillary or amoebic)	0	1	4	2	7	2.37
9	Malaria	0	0	6	1	7	2.37
10	Burns & Scalds	1	0	2	3	6	2.03
11	Diarrhoea	0	2	2	2	6	2.03
12	Hepatitis(Jaundice)	0	0	1	0	1	0.34
13	Other Neoplasms	0	0	1	0	1	0.34
14	Epilepsy	0	0	1	0	1	0.34
15	Rheumatic Heart Disease	1	0	0	0	1	0.34
16	Motor Vehicle Injuries	0	0	1	0	1	0.34
17	Cerebro-vascular Diseases	0	0	1	0	1	0.34
<b>Total</b>		<b>19</b>	<b>12</b>	<b>153</b>	<b>111</b>	<b>295</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Trashigang Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	12	10	95	177	294	46.67
2	Other Respiratory Diseases	9	10	30	17	66	10.48
3	Cirrhosis	0	0	8	23	31	4.92
4	Tuberculosis (all types)	0	1	14	15	30	4.76
5	Peptic Ulcer Syndrome	0	0	10	20	30	4.76
6	Pneumonia	14	9	2	2	27	4.29
7	Diarrhoea	6	4	11	5	26	4.13
8	Industrial/Occupational Injuries	2	2	14	6	24	3.81
9	UTI (other than STD)	0	0	3	15	18	2.86
10	Malaria	0	0	12	3	15	2.38
11	Dysentery (bacillary or amoebic)	5	1	7	2	15	2.38
12	Motor Vehicle Injuries	2	2	5	2	11	1.75
13	Rheumatic Heart Disease	0	0	3	5	8	1.27
14	Cerebro-vascular Diseases	0	0	3	3	6	0.95
15	Hepatitis(Jaundice)	0	1	3	2	6	0.95
16	Meningitis/Encephalitis	2	1	1	1	5	0.79
17	Acute Appendicitis	0	0	2	3	5	0.79
18	Burns & Scalds	0	0	3	0	3	0.48
19	Cervical Cancer	0	0	0	3	3	0.48
20	Gall Bladder Disease	0	0	1	2	3	0.48
21	Diabetes	0	0	1	0	1	0.16
22	Pelvic Inflammatory Disease	0	0	0	1	1	0.16
23	Diseases of Breast	0	0	0	1	1	0.16
24	Epilepsy	1	0	0	0	1	0.16
<b>Total</b>		<b>53</b>	<b>41</b>	<b>228</b>	<b>308</b>	<b>630</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Riserboo Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	16	7	115	198	336	55.81
2	Pneumonia	14	16	13	20	63	10.47
3	Tuberculosis (all types)	1	3	23	24	51	8.47
4	Other Respiratory Diseases	2	2	11	14	29	4.82
5	Peptic Ulcer Syndrome	0	0	13	16	29	4.82
6	UTI (other than STD)	0	1	8	12	21	3.49
7	Rheumatic Heart Disease	0	1	4	9	14	2.33
8	Other Neoplasms	0	0	6	1	7	1.16
9	Cirrhosis	0	0	2	4	6	1.00
10	Diarrhoea	3	0	2	1	6	1.00

**Hospital Indoor morbidity cases reported for Riserboo Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
11	Motor Vehicle Injuries	0	0	4	2	6	1.00
12	Dysentery (bacillary or amoebic)	0	1	4	1	6	1.00
13	Protein Energy Malnutrition	1	3	0	0	4	0.66
14	Hepatitis(Jaundice)	1	0	2	1	4	0.66
15	Burns & Scalds	0	0	2	1	3	0.50
16	Cerebro-vascular Diseases	0	1	1	1	3	0.50
17	Acute Apendicitis	0	0	2	0	2	0.33
18	Industrial/Occupational Injuries	0	0	1	1	2	0.33
19	Gall Bladder Disease	0	0	1	1	2	0.33
20	Malaria	0	0	0	2	2	0.33
21	Cervical Cancer	0	0	0	1	1	0.17
22	Diabetes	0	0	0	1	1	0.17
23	Epilepsy	0	0	0	1	1	0.17
24	Pelvic Inflammatory Disease	0	0	0	1	1	0.17
25	Diseases of Breast	0	0	0	1	1	0.17
26	Meningitis/Encephalitis	0	0	1	0	1	0.17
<b>Total</b>		<b>38</b>	<b>35</b>	<b>215</b>	<b>314</b>	<b>602</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Trongsa Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	13	11	119	195	338	55.41
2	Industrial/Occupational Injuries	2	0	42	14	58	9.51
3	Pneumonia	21	16	5	5	47	7.70
4	Other Respiratory Diseases	2	5	14	18	39	6.39
5	Motor Vehicle Injuries	1	0	13	6	20	3.28
6	Peptic Ulcer Syndrome	0	0	7	9	16	2.62
7	Cerebro-vascular Diseases	0	0	8	6	14	2.30
8	UTI (other than STD)	0	0	1	11	12	1.97
9	Cirrhosis	0	0	7	2	9	1.48
10	Malaria	0	0	7	2	9	1.48
11	Tuberculosis (all types)	0	0	5	4	9	1.48
12	Dysentery (bacillary or amoebic)	1	0	4	3	8	1.31
13	Diarrhoea	2	1	2	2	7	1.15
14	Burns & Scalds	2	0	3	0	5	0.82
15	Acute Apendicitis	0	0	3	1	4	0.66

**Hospital Indoor morbidity cases reported for Trongsa Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
16	Hepatitis(Jaundice)	0	0	1	3	4	0.66
17	Diseases of Breast	0	0	0	2	2	0.33
18	Epilepsy	0	0	1	1	2	0.33
19	Meningitis/Encephalitis	0	0	1	1	2	0.33
20	Other Neoplasms	0	0	2	0	2	0.33
21	Rheumatic Heart Disease	0	0	0	2	2	0.33
22	Cervical Cancer	0	0	0	1	1	0.16
<b>Total</b>		<b>44</b>	<b>33</b>	<b>245</b>	<b>288</b>	<b>610</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Damphu Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	16	16	95	123	250	48.36
2	Other Respiratory Diseases	10	13	17	31	71	13.73
3	Pneumonia	16	10	10	5	41	7.93
4	Diarrhoea	5	2	11	18	36	6.96
5	Industrial/Occupational Injuries	0	4	14	7	25	4.84
6	Malaria	2	3	11	9	25	4.84
7	UTI (other than STD)	0	4	6	11	21	4.06
8	Peptic Ulcer Syndrome	0	1	3	6	10	1.93
9	Motor Vehicle Injuries	0	0	8	2	10	1.93
10	Tuberculosis (all types)	1	0	2	3	6	1.16
11	Diabetes	0	0	2	2	4	0.77
12	Dysentery (bacillary or amoebic)	0	0	2	2	4	0.77
13	Cirrhosis	0	0	2	0	2	0.39
14	Hepatitis(Jaundice)	0	0	1	1	2	0.39
15	Burns & Scalds	1	0	0	1	2	0.39
16	Protein Energy Malnutrition	2	0	0	0	2	0.39
17	Cervical Cancer	0	0	0	1	1	0.19
18	Epilepsy	0	0	1	0	1	0.19
19	Rheumatic Heart Disease	0	0	0	1	1	0.19
20	Acute Apendicitis	0	0	1	0	1	0.19
21	Pelvic Inflammatory Disease	0	0	0	1	1	0.19
22	Cerebro-vascular Diseases	0	0	0	1	1	0.19
<b>Total</b>		<b>53</b>	<b>53</b>	<b>186</b>	<b>225</b>	<b>517</b>	<b>100</b>



**Hospital Indoor morbidity cases reported for Wangdi RBA Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	21	22	35	26	104	22.13
2	Diarrhoea	23	35	19	14	91	19.36
3	Peptic Ulcer Syndrome	0	2	24	27	53	11.28
4	Other Respiratory Diseases	4	12	22	9	47	10.00
5	UTI (other than STD)	0	1	18	20	39	8.30
6	Pneumonia	13	11	3	1	28	5.96
7	Dysentery (bacillary or amoebic)	2	5	9	5	21	4.47
8	Motor Vehicle Injuries	0	0	12	4	16	3.40
9	Protein Energy Malnutrition	4	6	3	0	13	2.77
10	Industrial/Occupational Injuries	1	3	5	4	13	2.77
11	Hepatitis(Jaundice)	0	0	7	2	9	1.91
12	Rheumatic Heart Disease	0	0	2	5	7	1.49
13	Tuberculosis (all types)	0	0	3	3	6	1.28
14	Diseases of Breast	0	0	0	5	5	1.06
15	Epilepsy	0	0	5	0	5	1.06
16	Malaria	0	0	4	1	5	1.06
17	Cerebro-vascular Diseases	0	0	2	1	3	0.64
18	Burns & Scalds	1	0	1	0	2	0.43
19	Acute Apendicitis	0	0	0	1	1	0.21
20	Pelvic Inflammatory Disease	0	0	0	1	1	0.21
21	Cervical Cancer	0	0	0	1	1	0.21
<b>Total</b>		<b>69</b>	<b>97</b>	<b>174</b>	<b>130</b>	<b>470</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Bajo BHU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	Other Respiratory Diseases	22	21	11	9	63	20.79
2	All Other New Cases	8	4	16	22	50	16.50
3	Peptic Ulcer Syndrome	1	0	21	19	41	13.53
4	Pneumonia	14	12	2	6	34	11.22
5	Malaria	0	1	11	13	25	8.25
6	Diarrhoea	3	2	4	4	13	4.29
7	UTI (other than STD)	0	0	3	10	13	4.29
8	Industrial/Occupational Injuries	2	0	8	3	13	4.29
9	Dysentery (bacillary or amoebic)	1	1	7	1	10	3.30
10	Tuberculosis (all types)	0	0	5	4	9	2.97
11	Cerebro-vascular Diseases	0	0	3	4	7	2.31
12	Motor Vehicle Injuries	1	0	6	0	7	2.31
13	Cirrhosis	0	0	5	1	6	1.98

**Hospital Indoor morbidity cases reported for Bajo BIU I - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
14	Hepatitis(Jaundice)	0	0	2	1	3	0.99
15	Meningitis/Encephalitis	0	1	1	0	2	0.66
16	Diseases of Breast	0	0	0	2	2	0.66
17	Burns & Scalds	0	1	0	0	1	0.33
18	Acute Apendicitis	0	0	1	0	1	0.33
19	Epilepsy	1	0	0	0	1	0.33
20	Pelvic Inflammatory Disease	0	0	0	1	1	0.33
21	Rheumatic Heart Disease	0	0	1	0	1	0.33
<b>Total</b>		<b>53</b>	<b>43</b>	<b>107</b>	<b>100</b>	<b>303</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Yangtse Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	12	7	90	90	199	46.28
2	Other Respiratory Diseases	3	1	23	15	42	9.77
3	Diarrhoea	5	5	16	7	33	7.67
4	UTI (other than STD)	0	0	8	19	27	6.28
5	Peptic Ulcer Syndrome	0	0	15	11	26	6.05
6	Industrial/Occupational Injuries	0	0	16	4	20	4.65
7	Pneumonia	8	5	4	2	19	4.42
8	Tuberculosis (all types)	0	0	11	7	18	4.19
9	Dysentery (bacillary or amoebic)	1	1	8	2	12	2.79
10	Cerebro-vascular Diseases	0	0	4	4	8	1.86
11	Cirrhosis	0	0	3	3	6	1.40
12	Acute Apendicitis	0	0	2	1	3	0.70
13	Gall Bladder Disease	0	0	0	2	2	0.47
14	Epilepsy	0	0	1	1	2	0.47
15	Meningitis/Encephalitis	0	0	1	1	2	0.47
16	Protein Energy Malnutrition	1	1	0	0	2	0.47
17	Hepatitis(Jaundice)	0	1	1	0	2	0.47
18	Burns & Scalds	0	1	0	1	2	0.47
19	Rheumatic Heart Disease	0	0	1	1	2	0.47
20	Other Neoplasms	0	0	1	0	1	0.23
21	Cervical Cancer	0	0	0	1	1	0.23
22	Pelvic Inflammatory Disease	0	0	0	1	1	0.23
<b>Total</b>		<b>30</b>	<b>22</b>	<b>205</b>	<b>173</b>	<b>430</b>	<b>100</b>

**Hospital Indoor morbidity cases reported for Yebilepcha Hospital - 2002**

S. No.	Disease Name	Under 5 years		5 yrs and older		Total	%
		Male	Female	Male	Female		
1	All Other New Cases	6	8	134	262	410	54.74
2	Other Respiratory Diseases	10	5	19	33	67	8.95
3	Peptic Ulcer Syndrome	0	0	18	28	46	6.14
4	UTI (other than STD)	1	2	7	20	30	4.01
5	Malaria	2	0	15	5	22	2.94
6	Protein Energy Malnutrition	5	9	4	2	20	2.67
7	Industrial/Occupational Injuries	1	0	12	5	18	2.40
8	Diarrhoea	3	3	6	6	18	2.40
9	Pneumonia	4	5	6	2	17	2.27
10	Dysentery (bacillary or amoebic)	1	6	7	3	17	2.27
11	Cirrhosis	0	0	9	7	16	2.14
12	Pelvic Inflammatory Disease	0	0	0	12	12	1.60
13	Hepatitis(Jaundice)	0	0	0	10	10	1.34
14	Cervical Cancer	0	0	0	9	9	1.20
15	Tuberculosis (all types)	0	0	4	4	8	1.07
16	Epilepsy	2	0	3	1	6	0.80
17	Gall Bladder Disease	0	0	2	3	5	0.67
18	Diseases of Breast	0	0	0	5	5	0.67
19	Motor Vehicle Injuries	0	0	5	0	5	0.67
20	Burns & Scalds	1	0	1	1	3	0.40
21	Cerebro-vascular Diseases	0	0	2	0	2	0.27
22	Diabetes	0	0	1	0	1	0.13
23	Meningitis/Encephalitis	1	0	0	0	1	0.13
24	Rheumatic Heart Disease	0	0	0	1	1	0.13
<b>Total</b>		<b>37</b>	<b>38</b>	<b>255</b>	<b>419</b>	<b>749</b>	<b>100</b>

## ABBREVIATIONS

ABER -	Annual Blood smear Examination Rate
ACO -	Assistant Clinical Officer
AEFI -	Adverse Events Following Immunization
AFP -	Acute Flaccid Paralysis
AGUS -	Atypical glandular cells of undetermined significance
AIDS -	Acquired Immuno Deficiency Syndrome
AN -	Assistant Nurse
ANC -	Antenatal Clinic
ANM -	Auxilliary Nurse Midwife
APH -	Ante-partum Haemorrhage
API -	Annual Parasite Incidence
ARDS -	Acute Respiratory Depression Syndrome
ARI -	Acute Respiratory Infection
ASCUS-	Atypical squamous cells of undetermined significance
BB -	Borderline Borderline
BCG -	Bacili Callmal Gurrina
BHU -	Basic Health Unit
BHW -	Basic Health Worker
BL -	Borderline
BSC -	Blood Slide Collection
BV -	Bacterial Vaginalis
CBR -	Community Based Rehabilitation Programme
CBT -	Competency Based Training
CDD -	Control of Diarrhoeal Diseases
CMC -	Christian Medical College
COPD -	Corpulmonary Disease
CPR -	Contraceptive Prevalence Rate
CVA -	Cardio-vascular Accident
DANIDA-	Danish International Development Assistance
DEL -	Department of Employment and Labour
DHSO -	District Health Supervisory Officer
DMO -	District Medical Officer
DMPA -	Depomedroxyprogesterone acetate
DOTS -	Direct Observation Treatment Services
DPT -	Diphtheria, Pertussis and Tetanus
DSA -	Daily Subsistence Allowance
ECCD -	Early Child Care and Development
ECL -	Eclampsia
ELISA -	Enzyme Linked Immuno Sorvent Assay
EmOC -	Emergency Obstretic Care
ENT -	Ear, Nose and Throat
EPI -	Expanded Programme on Immunization
ESCAP-	Economic and Social Commission for Asia and the Pacific

ORT	-	Oral Rehydration Therapy
OT	-	Operation Theatre
PEM	-	Protein Energy Malnutrition
PHC	-	Primary Health Care
PHD	-	Public Health Division
PIH	-	Pregnancy Induced Hypertension
PNC	-	Post-natal Clinic
PPD	-	Policy and Planning Division
PPH	-	Post-partum Haemorrhage
PTT	-	Physiotherapy Technician
PUO	-	Pyrexia of Unknown Origin
PUS	-	Peptic Ulcer Syndrome
RBM	-	Roll Back Malaria initiative
RCSC	-	Royal Civil Service Commission
RDT	-	Rapid Diagnostic Test
RGoB	-	Royal Government of Bhutan
RHD	-	Rheumatic Heart Disease
RHU	-	Reproductive Health Unit
RIHS	-	Royal Institute of Health Sciences
RPR	-	Rapid Plasma Reagin
SAARC	-	South Asian Association for Regional Cooperation
SNID	-	Sub-national Immunization Days
SPR	-	Slide Positivity Rate
STD	-	Sexually Transmitted Diseases
STI	-	Sexually Transmitted Infection
STP	-	Short Term Plan
TPF	-	Total Plasmodium Falciparum
TPHA	-	Treponema Pallidum Heam Agglutination
TT	-	Tetanus Toxoid
TV	-	Trichomonas Vaginalis
UNDP	-	United Nations Development Programme
UNFPA	-	United Nations Fund for Population Activities
UNICEF	-	United Nations International Children's Emergency Fund
VAD	-	Vitamin A Deficiency
VCT	-	Voluntary counseling & testing
VHW	-	Village Health Worker
VO	-	Vasectomy Operation

FYP	-	Five Year Plan
GDMO	-	General Duty Medical Officer
GNM	-	General Nurse Midwife
HA	-	Health Assistant
HERM	-	Health Equipment Repair and Maintenance
HFA	-	Health For All
HIU	-	Health Information Unit
HIV	-	Human Immuno Virus
HMIS	-	Health Management Information System
HPV	-	Human Papilloma Virus infection
HSIL	-	High grade Squamous Intraepithelial lesion CH-II,CNIII ca-in-situ
HTN	-	Hypertension
ICN	-	International Conference on Nutrition
IDA	-	Iodine Deficiency Anaemia
IDD	-	Iodine Deficiency Diseases
IECH	-	Information, Education and Communication for Health
IMCI	-	Integrated Management of Childhood Illness
IMPAC	-	Integrated Management during Pregnancy and Child birth
IMR	-	Infant Mortality Rate
IRS	-	Indoor Residual Spray
ITBN	-	Insecticide Treated Bed Net
ITMS	-	Indigenous Traditional Medicine Services
IUD	-	Intrauterine Device
JDW NRH	-	Jigme Dorji Wangchuck National Referral Hospital
JE	-	Japanese Encephalitis
KAP	-	Knowledge, Attitude and Practice
LSIL	-	Low grade Squamous Intraepithelial/koilocytosis lesion CIN-I
MB	-	Multi Bacillary
MCH	-	Maternal and Child Health
MDT	-	Multi Drug Therapy
MMR	-	Maternal Mortality Ratio
MOHE	-	Ministry of Health and Education
MTP	-	Medium Term Plan
NCCA	-	National Coordination committee on Disability
NCCPE	-	National Certification Committee for Polio Eradication
NID	-	National Immunization Days
NIFH	-	National Institute of Family Health
NITM	-	National Institute of Traditional Medicines
NMCP	-	National Malaria Control Programme
NMEP	-	National Malaria Eradication Programme
NPA	-	National Plan of Action
NTCP	-	National Tuberculosis Control Programme
NTTA	-	National Technical Training Authority
OCp	-	Oral Contraceptive Pills
OPD	-	Outpatient Department
OPV	-	Oral Polio Vaccine
ORC	-	Outreach Clinics