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**Annual Health Bulletin
2017**



Depression : Lets Talk

Health Management & Information System
Policy & Planning Division
Ministry of Health
Royal Government of Bhutan
Thimphu



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A Window to Health Sector Performance



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AHB 2017 - Secretariat Members

Title & Name	Designation	Email ID
Ms Dorji Pelzom	Head (Senior Statistical Officer)	dorji.pelzom@health.gov.bt
Mr Dopo	Sr. Statistical Officer	dopo@health.gov.bt
Mr. Pema Lethro	Program Officer	plethro@health.gov.bt
Mr. Mongal Singh Gurung	Research Officer	msgurung@health.gov.bt
Mr. Kinley Dorjee	Asst. Research Officer	kdorjee@health.gov.bt

Contents By

Sl#	Particulars	Contributor(s)
1.	Part I: Bhutan's Health status 2016	Mr. Pema Lethro, Program Officer, Reproductive, Maternal and Neonatal Health Program, DoPH : plethro@health.gov.bt Mr. Kinley Dorjee, Asst. Research officer, HMIS Unit, PPD. kdorjee@health.gov.bt
2.	Part II: MDGs & National Health Indicator Estimates- Indicators and Fact-sheets	Mr Dopo, Sr. Statistical Officer, HMIS Unit, PPD: dopo@health.gov.bt
3.	Part III: Figures & Tables- compilation	Mr Dopo, Sr. Statistical Officer, HMIS Unit, PPD: dopo@health.gov.bt

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ABBREVIATIONS

ADHO	-	Assistant District Health Officer
ANC	-	Antenatal Care
ARI	-	Acute Respiratory Infection
BB	-	Borderline Borderline
BCG	-	Bacili Callmal Gurrina
BHU	-	Basic Health Unit
BL	-	Borderline
BT	-	Borderline Tuberculoid
CBR	-	Crude Birth Rate
CDR	-	Crude Death Rate
DHO	-	District Health Officer
DMPA	-	Depomedroxyprogesterone acetate
DPT	-	Dephtheria, Pertusis and Tetanus
GDMO	-	General Duty Medical Officer
GFR	-	General Fertility Rate
GNM	-	General Nurse Midwife
HA	-	Health Assistant
HIV	-	Human Immuno Virus
HMIS	-	Health Management Information System
HRD	-	Human Resources Division
HRH	-	Human Resources for Health
IND	-	Indeterminate
IMR	-	Infant Mortality Rate
IUD	-	Intrauterine Device
JDWNRH	-	Jigme Dorji Wangchuck National Referral Hospital
LSRDP	-	Life Style Related Disease Program
MB	-	Multi Bacillary
MDG	-	Millennium Development Goal
MMR	-	Maternal Mortality Ratio
MoH	-	Ministry of Health
NHS	-	National Health Survey
OCP	-	Oral Contraceptive Pills
OPV	-	Oral Polio Vaccine
ORC	-	Outreach clinics
PHCB	-	Population and Housing Census of Bhutan
PMTCT	-	Prevention of Mother-to-Child-Transmission
PPH	-	Post-partum Haemorrhage
RGoB	-	Royal Government of Bhutan
SEAR	-	South East Asian Region
TFR	-	Total Fertility Rate
VCT	-	Voluntary Counseling and Testing
VHW	-	Village Health Worker
VO	-	Vasectomy Operation
WHO	-	World Health Organization



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ROYAL GOVERNMENT OF BHUTAN
MINISTRY OF HEALTH
THIMPHU: BHUTAN
P. O. BOX: 726



FOREWORD



The Ministry of Health is pleased to publish the Annual health Bulletin 2017, which is 30th edition in series. This publication includes annual compilation of the health related data collected routinely from the health facilities through District Health Information System (2) and other secondary sources. DHIS 2 introduced in 2014 is the mainstream health information system and enables districts to enter aggregate data and generate information accordingly.

The Annual Health Bulletin 2017 is divided into three parts: part one includes State of the Nation's Health; part two with Millennium Development Goals and National Health Indicator Estimates; and part three with tables and figures. Part one describes progress and challenges of the health system. Part two provides the status of health indicators. This publication is the culmination of monthly routine reports including morbidity, activity and Annual Household Survey report from various health centers in the country.

The publication of an Annual Health Bulletin is aimed to make available the data both for policy directions and programmatic interventions. It also serves an important source of information for various stakeholders including various sectors, UN partners and non-government organizations.

I am hopeful that this bulletin will be of use for all.

TASHI DELEK!

TANDIN WANGCHUK
MINISTER

PART I-Bhutan's Health Status 2016

Background

Bhutan is located in the Himalayan region with population of 768,577 and has land area of 38,394 square kilometers. Bhutanese population is largely young and of economically productive age with 30.5 percent less than 15 years, 62.7 percent between 15-64 years and the median age is 24 years. The average household size is 4.4 persons¹. Total fertility rate is estimated at 2.3 per 1000 live births and the population growth rate is estimated at 1.3 percent.^{1,2}

The Constitution of Kingdom of Bhutan mandates the State to provide free basic public health services in both traditional and modern medicines³. Thus, people can avail healthcare services for free of charge from all levels of health centers in the country. The traditional medicine system is well established and integrated with the modern health system⁴.

The health system is founded on the principles of Primary Health Care Approach to achieve the universal health coverage. The percentage of population living within three hours from a nearest health facility is 94.8 percent. Focused on disease prevention and health promotion strategies, remarkable achievements have been made with significant reduction in morbidity and mortality. Hence, this nation's health state 2016 describes the health situations of Bhutan including the achievements and challenges.

SECTION I-HEALTH SITUATIONS

1. LIFE EXPECTANCY

The health sector has made remarkable achievements as indicated by impressive progress around national and international goals. Life expectancy at birth estimated at 32.4 in 1960 has increased to 69.5 in 2014⁵. The increase in life expectancy may be attributed to improved socio-economic development, government's investment in health and education, improved water and sanitation and advancement in medical technology and services⁶ in the past years.

2. MATERNAL MORTALITY RATIO

Maternal death has declined drastically from 255 deaths per 100,000 live births in 2000 to 86 per 100,000 live births in 2012^{1,7}. Bhutan was among few countries in the world to achieve the Millennium Development Goal 5 (improve maternal health) in 2015. Such a positive outcome may be due to increasing trends of antenatal care coverage and institutional deliveries coupled with enhanced competency of healthcare professionals among other reasons. However, Postpartum Haemorrhage (PPH) being the main cause of maternal deaths in the country⁸, new technology and up-gradation of skills of healthcare providers may contribute further to reduce the maternal deaths.

3. UNDER –FIVE MORTALITY RATE

There has been drastic reduction in under-five deaths in the past years. In 2000, under-five death rate was estimated at 84 deaths per 1000 live births as compared to 37.3 per 1000 live births^{7,9}. Significant proportion (56%) of under-five deaths is contributed by newborn deaths (21/1000 live births)^{1,8,10} indicating the need to provide adequate attention, while at the same time, concerted efforts should be made to address infant deaths due to pneumonia, meningitis, diarrheal diseases, among others.

4. BIRTHS ATTENDED BY SKILLED HEALTH PERSONNEL

To ensure 100 percent hospital delivery, a policy requires that pregnant women from remote areas are admitted to the nearest Basic Health Unit 1 or District Hospital at 38 completed weeks¹¹. The Village Health Workers facilitate the line listing of pregnant women and play critical role in bridging community with the health system. Consequently, the proportion of the births attended by skilled health personnel has increased from 23.7 percent in 2000 to over 89 percent in 2016⁷.¹² There were 10948 deliveries with 10781 deliveries conducted in the health centers while 230 deliveries had occurred at home¹³, both attended by trained birth attendants in 2016.

5. ANTENATAL COVERAGE

Early booking of pregnancy is very essential as it involves health education on ANC, providing supplements to pregnant women and advice on birth preparedness plan along with determining expected date of delivery with ultrasound investigations¹⁴. This is also a stage when healthcare providers play important role to convince pregnant women to deliver their babies in the health centers. In 2016, 9297 pregnant women made at least 4 ANC visits and 6856 pregnant women made eight ANC visits¹³. As per the health policy, a pregnant woman should have at least eight ANC visits to enhance health of a mother and child.

6. IMMUNIZATION COVERAGE

Immunization protects children from illness and disability. Efforts towards immunization have been intensified with the introduction of Expanded Program for Immunization (EPI) in 1979. Currently, ten types of vaccines are administered at different schedules spanning from the birth till a child attains 2 years of age. The healthcare providers assess weight, length and height of a child and provide vitamin A and de-worming tablets till a child attains five years of age. The immunization coverage was 94.4 percent in 2008¹⁵ and is sustained at same coverage. Bhutan has been able to maintain polio free status and maternal and neonatal tetanus elimination status.

7. WATER AND SANITATION COVERAGE

Access to safe drinking water is very important to reduce illness and death, especially among children. In 2016, 95 per cent of the Bhutanese population used improved drinking water sources as compared to 88 in 2010¹³. The percent of the households with access to improved sanitation facilities has increased from 66.3 percent in 2012 to 70.6 percent in 2015^{4, 16}.



Fig.1.1.1 Certificates being awarded to the Gups (local leaders) for achieving 100% Improved Sanitation coverage in their Gewogs on World Toilet Day in 2016 (Source: Public Health Engineering, DoPH)

SECTION II-COMMUNICABLE DISEASES

1. HUMAN IMMUNE DEFICIENCY SYNDROME AND ACQUIRED IMMUNODEFICIENCY SYNDROME- (HIV/AIDS)

In 2016, the Ministry detected 55 HIV cases. Between 1993 and 2016, the cumulative number of detected cases was 515, in which 265 were males and 250 were females. The prevalence of HIV cases among population adult 15-19 years has been sustained below 0.1 percent. Among the males, the highest number of cases was detected in the age group of 30-49 years and among the females, majority (114) were in the age group of 20-29 years. As per the UNAIDS, the number of HIV cases for Bhutan is estimated at 1100 in which around 53 percent may be underreported¹⁷.

2. TUBERCULOSIS

Tuberculosis affects the productive age group between 15-44 years. The treatment success is over 90 percent. Multi-Drugs Resistance Tuberculosis (MD-RTB) is a public health concern, and of a total 1145 TB cases, 43 cases were MDR-TB in 2016. MDR-TB is resulted from poor compliance by patients during the course of treatment (*Courtesy: National TB Control Program, MoH*).

3. LEPROSY ELIMINATION

Leprosy was common in the early 1980s and late 1990s. Due to advocacy and improved curative care, the country achieved elimination status in 1997. In 2016, 10 cases were detected (0.32 per 10,000 population) as compared to 14 cases in 2015. The Leprosy Surveillance System has been put in place to monitor the leprosy cases to maintain the prevalence rate of less than 1 per 10,000 population (*Courtesy: National Leprosy Control Program, MoH*).

4. POLIO STATUS AND INTRODUCTION OF MUMPS VACCINES

Polio had become the disease of the past since 1986. Further, in line with the Global Polio End Game Strategy 2013-18 tetravalent oral polio vaccines has been switched to bivalent oral polio vaccine in 2016. Concurrently, Mumps vaccines was introduced in 2016 in the form of Measles, Mumps and Rubella vaccine and integrated into routine immunization at 9 months and 24 months (*Courtesy: Vaccine Preventable Disease Program, MoH*).

5. MALARIA

Malaria cases have reduced significantly from an incidence rate of 927 in 2000 to 6.1 cases per 100,000 in 2016. Such an achievement has been made due to targeted interventions where malaria cases were commonly reported. Consequently, the mortality due to malaria cases has also declined to negligible in 2016 from 2.3 per 100,000 in 2000. By 2018, the Ministry aspires to achieve malaria free status (*Courtesy: Vector-borne Disease Control Program, MoH*).

SECTION III-NON-COMMUNICABLE DISEASES

Morbidity and mortality due to non-communicable diseases is a concern worldwide and is expected to trend upwards in South Asia by 2030¹⁸. In the past years, except for a slight decline in 2016, the number of cases of non-communicable diseases has been on the rise as shown in the table. 1.

Types of Cases	Year				
	2012	2013	2014	2015	2016
<i>Diabetes</i>	4 097	5 896	9 976	12 384	12 120
<i>Hypertension</i>	27 023	29 969	34 927	34 658	30 260
<i>Ischemic Heart Diseases</i>	447	290	1 069	768	352
<i>Rheumatic Heart Disease</i>	718	664	1 630	1 361	920
<i>Cataract</i>	885	1 858	1 609	1 748	841
<i>Alcohol Liver Diseases</i>	2 059	2 642	3 142	3 136	3 508

Table 1. Number of cases of non-communicable diseases

(Courtesy: Health Management and Information System Unit, Ministry of Health)

1. DIABETES

The number of diabetic cases has increased from 4097 cases in 2012 to 12120 cases in 2016. The prevalence of diabetes in Bhutan is estimated at 6.4¹⁹. Diabetes can lead to complications including heart attack, stroke, kidney failure, leg amputation, vision loss, nerve damage, and fetal death and other complications in pregnancy. Exercising regularly, eating healthily, avoiding smoking, and controlling blood pressure and lipids are important measures to preventing the onset of diabetes²⁰

2. HYPERTENSION

Hypertension, also known as high or raised blood pressure is a public health problem. At present, the proportion of population with hypertension is estimated at 35.7 in the country¹⁹. The hypertension cases have increased to 30,260 in 2016 from 27023 cases in 2012. The increasing trend may be attributed to population growth, ageing and behavioural risk factors, such as unhealthy diet (including dietary salt intake), tobacco use, harmful use of alcohol, lack of physical activity, excess weight and exposure to persistent stress. Majority of non-communicable diseases such as the heart

attack, stroke and kidney failure, cardiovascular disease, diabetes, chronic respiratory disease and cancer, among others are as a result of these risk factors²¹

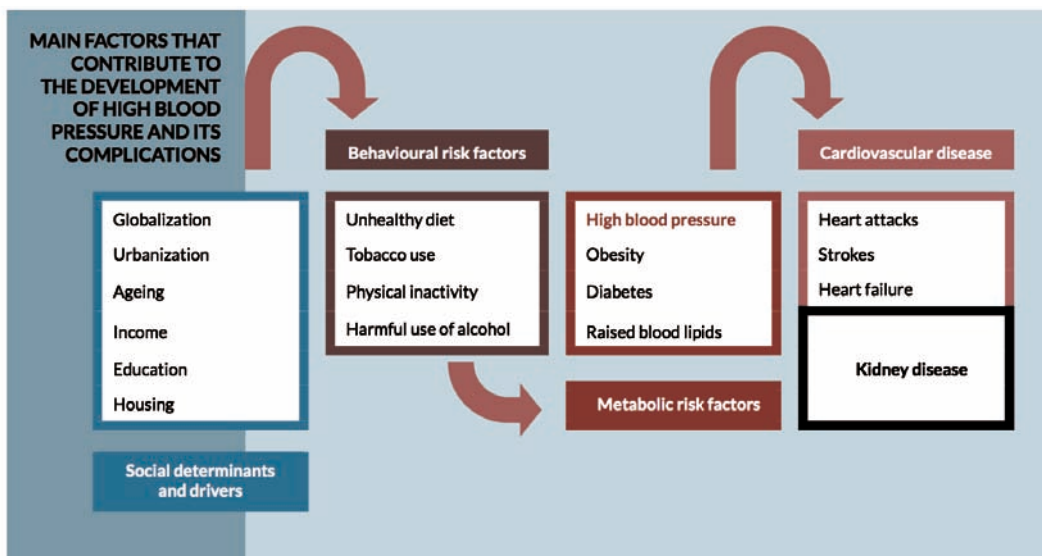


Fig 1.3.1 Factors that contribute to the development of high blood pressure and its complications^{22, 23}

3. CARDIOVUSCULAR DISEASES

Cardiovascular diseases are a group of disorders of heart and blood vessels and they include coronary heart disease, cerebrovascular disease, peripheralarterial disease, rheumaticheart disease, congenital heart disease, deep vein thrombosis and pulmonary embolism. In 2016, 919 cases of rheumatic heart diseases, 351 cases of ischemic heart disease and 413 cases of cerebrovascular disease were reported from varioushealth centers in the country Unhealthy diet, physical inactivity tobacco use and harmful use of alcohol are the most important behavioral risk factors of heart diseases including the heart attacks and strokes²⁴. Heart attacks and strokes can be preventedif high risk individuals are detected early and treated²³.

4. CANCERS

The total number of cancer cases (all types) has been increasing over the years. In 2014, 639 cases were reported from health centers in the country . By gender , the males had a higher incidence (61 %) as compared to females (39%). The top ten cancers include stomach, cervix, colo-rectum,

esophagus, head and neck, hepato-biliary , ovary , genitourinary , skin and breast cancers. The incidence rate of all cancer per 100,000 population is shown below²⁵:

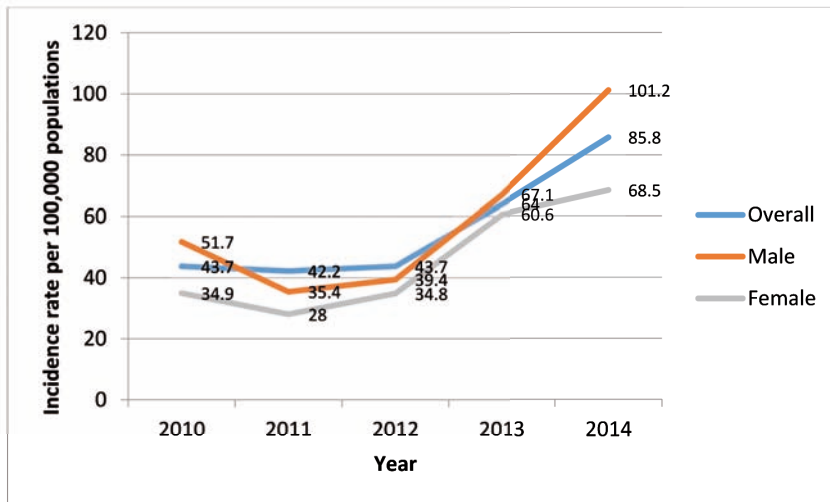


Fig 1.3.2 Incidence rate of cancer per 100,000 population²⁵

Screening is very important for prevention, early detection and initiation of treatment of cancers. Those cancer cases that cannot be managed by the national referral hospital are sent to India for treatment. The head and neck cancer, haematological and cervical cancers top the list in terms of the referrals and annually, about Nu. 160 million on an average is spent just for cancer referrals outside the country.²⁵

5. CATARACTS

Cataract is a condition in which the lens of the eye is clouded and prevents the passage of light. It is usually associated with ageing, or children may be born with this condition, or cataract may develop after an injury, disease or inflammation. Population growth and increasing longevity are reasons for increasing burden of cataract blindness globally²⁶. Risk factors for age-related cataract include diabetes, prolonged exposure to sunlight, tobacco and alcohol use.²⁷ In 2016, a total of 846 cataract cases were reported from health centers in the country.

6. ALCOHOL LIVER DISEASES

Alcohol liver disease is the top most killer among the non-communicable diseases in Bhutan. The

total number of deaths due to alcohol related liver diseases has increased from 140 in 2012 to 190 in 2016 as shown in the graph below.

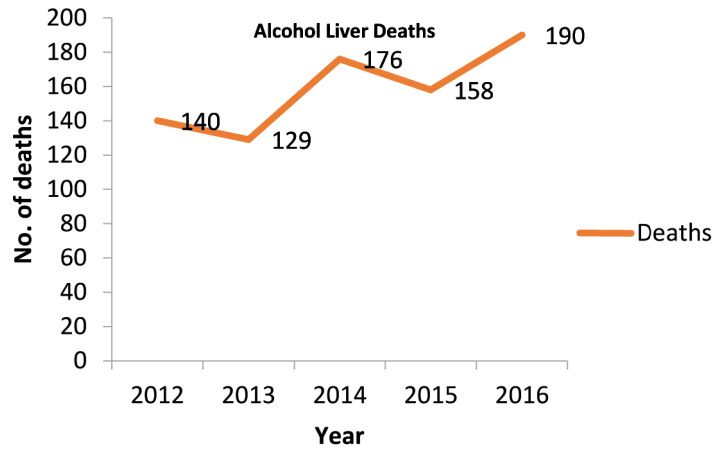


Fig.1.3.3 Trends in alcohol liver related deaths¹³

7. NUTRITION

About 21.2 percent of children aged 0-59 months were stunted which is categorized as ‘moderate public health significance’ according to WHO. The prevalence of stunting in children of aged 6-59 months has fallen from 37 percent in 2008 to 22.3 percent in 2015. Stunting prevalence was higher among children in poorer quintiles of the population. Similarly, the anaemia rate for children 6-59 months had dropped from 80.6 in 2003 to 43.8 percent in 2015.

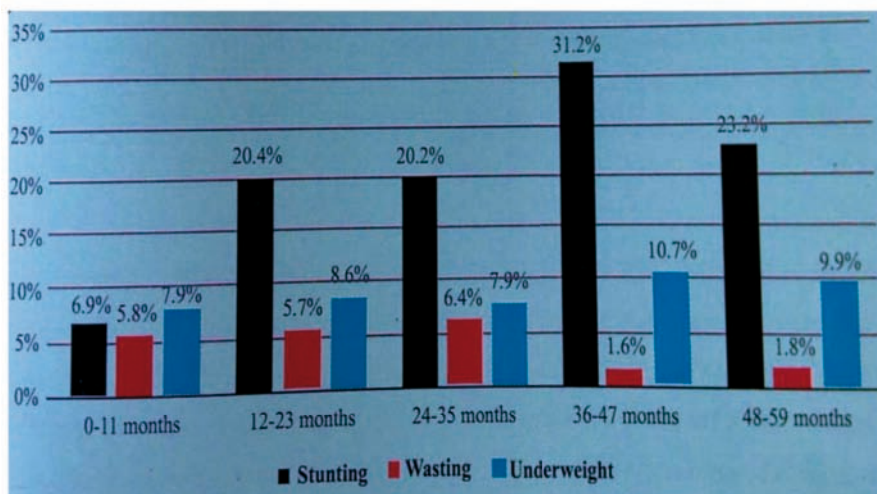


Figure 1.3.4. National prevalence of stunting, wasting and underweight by age of child¹⁶

SECTION IV- HEALTH SYSTEM

1. HUMAN RESOURCE FOR HEALTH (HRH)

Health workforce is very crucial part of health system. The number of health professionals has increased significantly in different categories from a total of 1227 in 2000 to 5028 in 2016. The number of doctor and nurses per 10,000 populations is 3.3 and 14.1 respectively²⁸. Khesar Gyalpo University Medical Sciences of Bhutan and Faculty of Nursing and Public Health play important role in adding health professionals to the existing health workforce, while at the same time the Government continues to send the Bhutanese students to study MBBS abroad. In order to address the gaps of health workforce in some special areas, the Government allows the health sector to bring in required experts in line with the Medical and Health Council Act 2002²⁹.

2. HEALTH INFRASTRUCTURE

All health infrastructures shall be of sustainable design and user-friendly thereby integrating disability, women, child and elderly friendly and other necessary features. Hospitals, Basic Health Units, Sub-posts and Outreach Clinics act as delivery channel for health services and are established based on the criteria developed by Ministry of Health given below:

Criteria	BHU II	BHU I and Hospital
Catchment Population	30%	30%
Distance to the nearest facility at same or higher level	25%	30%
Poverty rate in that Gewog/dzongkhag	10%	10%
Available land area for construction	15%	15%
Location of the proposed location	5%	5%
Number of female population in the age group of 15 to 49	10%	10%
Presence of other sectoral facilities (RNR, School)	5%	NA
Total	100%	100%

Table 2. Criteria for health infrastructure development³⁰

Currently, there are 31 hospitals including one Traditional Medicine Hospital at Kawang Jangsa in Thimphu, 23 Grade I BHUs, 185 Grade II BHUs, 33 Sub-posts with 553 Outreach Clinics and 59 indigenous Units in the country.

3. HEALTH INFORMATION SYSTEMS

Health information is the ‘lifeline’ of health system. In 2016, the Information Communication Technology Unit in consultation with relevant Departments and stakeholders initiated the development of e-health strategy action plan. This was aimed to create a mainstream health information system guided by the principle of interoperability framework.

Currently, the District Health Information System (DHIS 2) initiated in 2014 is the main platform used by the Health Management Information and System Unit to collect aggregate monthly morbidity and activity data from various district health centers in the country. DHIS 2 is rolled out to all the health centers including the National Referral Hospital, Referral Hospitals, District Hospitals and Basic Health Units. In addition to data entry, this platform is also used to generate aggregate information for policy directions and programmatic interventions. Further, to collect patient-based data, the Department of Medical Services is piloting Electronic Patient Information System (EPIS) in some of the health centers in the country.

4. PRIVATE PARTICIPATION IN HEALTH

The private sector’s participation in public health services has been encouraging especially in the provision of diagnostic health services to the people. There are 13 selective diagnostic centers in the country; two in Thimphu, two in Gelephu, two in Samdrup Jongkhar and seven in and Phuntsholing. Currently, licensing regulation is being developed so as to ensure effective provision of public health services by the centers. Other areas of private engagements include outsourcing of patient diet services, laundry and cleaning services in JDWNRH.

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PART II: Status of Health Related Millennium Development Goals (MDGs) - Indicators & fact-sheets

MDG Target#	MDG Indicators	Year					Source
		1994	2000	2005	2010	2016	
1.8	Prevalence of underweight children under-five years of age (%)	38.0	19.0	-	12.7	-	Country MDG Report & BMIS 2010.
1.9	Proportion of population below minimum level of dietary energy consumption (%)	-	-	3.8	5.9	2.8	Country MDG Report & Bhutan Poverty Analysis Report 2012.
4.1	Under-five mortality rate (deaths per 1000 live births)	97.0	84.0	61.5	69.0	37.3	NHS 1994, NHS 2000, PHCB 2005, BMIS 2010 & NHS 2012.
4.2	Infant mortality rate (deaths per 1000 live births)	70.7	60.5	40.1	47.0	30.0	NHS 1994, NHS 2000, PHCB 2005, BMIS 2010 & NHS 2012.
4.3	Proportion of 1 year-old children immunised against measles (%)	84.0	91.0 (2002)	-	95.0	97.2	EPI survey 2008 & NHS 2012.
5.1	Maternal mortality ratio (deaths per 100,000 live births)	380	255	-	-	86.0	NHS 1994, NHS 2000 & NHS 2012.
5.2	Proportion of births attended by skilled health personnel (%)	-	23.7	49.1	64.5	74.6	NHS 2000, PHCB 2005, BMIS 2010 & NHS 2012.
5.3	Contraceptive prevalence rate (%)	18.8	30.7	57.0	65.6	-	NHS 1994, NHS 2000, PHCB 2005, BMIS 2010.
5.4	Adolescent birth rate (births per 1000 women of age 15-19 years)	120	61.7	46.3	59.0	28.4	NHS 1994, NHS 2000, PHCB 2005, BMIS 2010 & NHS 2012.
5.5.a	Antenatal care coverage, at least one visit – ANC 1+ (%)	-	-	-	97.3	97.9	BMIS 2010 & NHS 2012.
5.5.b	Antenatal care coverage, at least four visits – ANC 4+ (%)	-	-	-	77.3	81.7	BMIS 2010 & NHS 2012.
5.6	Unmet need for family planning (%)	-	-	-	11.7	-	BMIS 2010.

Cont.....Part II: Status of Health Related Millennium Development Goals (MDGs) – Indicators & fact-sheets

MDG Target#	MDG Indicators	Year				Source	
		1994	2000	2005	2010		2016
6.A	6.1 HIV prevalence among population aged 15-19 years (%)	-	-	Sustained at <0.1	<0.1	Country reported program data – HIV/AIDS Epidemic update report, NACP, DoPH, MoH.	
	6.2 Condom use at last high-risk sex (condom use rate %)	-	-	-	1.2	-	
	6.3 Proportion of population aged 15-24 years with comprehensive correct knowledge of HIV/AIDS (%)	-	-	-	21.0	23.2	BMIS 2010 & NHS 2012.
6.B	6.5 Proportion of population with advanced HIV infection with access to antiretroviral drugs (%)	-	-	18.8	14.4	40.2	Country reported program data – HIV/AIDS Epidemic update report, NACP, DoPH, MoH
	6.6.a Incidence and death rates associated with malaria (cases per 100,000)	-	927	257	77.0	6.1	Country reported program data – VDCP, DoPH, MoH & AHB 2014.
6.C	6.6.b Incidence and death rates associated with malaria (deaths per 100,000)	-	2.3	0.7	0.3	0.0	-
	6.8.a Incidence, prevalence and death rates associated with tuberculosis (prevalence per 100,000)	1860	754	536	313	225	Country reported program data – NTCP, DoPH, MoH & Global Tuberculosis report.
	6.8.b Incidence, prevalence and death rates associated with tuberculosis (deaths per 100,000)	194	73.0	53.0	15.0	14.0	-
	6.9.a Tuberculosis notification rate (all new + relapse cases per 100,000)	215	202	155	183	147	Country reported program data – NTCP, DoPH, MoH & Global Tuberculosis report.
7.C	6.9.b Tuberculosis treatment success rate (%)	-	90.0	91.0	90.0	90.0	-
	7.8 Proportion of population using an improved drinking water source (%)	-	77.8	84.2	96.1	97.7	NHS 2000, PHCB 2005, BMIS 2010 & NHS 2012.
	7.9 Proportion of population using an improved sanitation facility (%)	-	88.0*	87.3*	58.4#	66.3+	-
- Indicates: Data Not Available; * Includes Pit Latrines w/out slab; # Excludes Shared facilities; + Includes shared facilities.							

PART III

Life expectancy, fertility and mortality							
Sl.#	Indicators	Year					Source
		1994	2000	2005	2010	2016	
1	Life expectancy at birth [years]	66.1	-	66.3	68.9 (projected)	-	NHS 1994, PHCB 2005, Population Projections of Bhutan 2005-2030, NSB.
2	Crude birth rate (CBR) [births per 1000 population]	39.9	34.1	20.0	19.7	17.9	NHS 1994, NHS 2000, PHCB 2005, BMIS 2010 & NHS 2012.
3	Total Fertility Rate (TFR) [children per woman]	5.6	4.7	3.6	2.6	2.3	NHS 1994, NHS 2000, PHCB 2005, BMIS 2010 & NHS 2012.
4	General fertility rate (GFR) [births per 1000 women 15-49 years]	173	143	79.4	-	72.0	NHS 1994, NHS 2000, PHCB 2005 & NHS 2012.
5	Adolescent birth/fertility rate [births per 1000 adolescent women 15-19 years]	120	61.7	-	59.0	28.4	NHS 1994, NHS 2000, BMIS 2010 & NHS 2012.
6	Crude death rate (CDR) [deaths per 1000 population]	9.0	8.6	7.0	-	6.2	NHS 1994, NHS 2000, PHCB 2005 & NHS 2012.
7	Under-five mortality rate (U5MR) [deaths per 1000 live births]	96.9	84.0	61.5	69.0	37.3	NHS 1994, NHS 2000, PHCB 2005, BMIS 2010 & NHS 2012.
8	Infant mortality rate (IMR) [deaths per 1000 live births]	70.7	60.5	40.1	47.0	30.0	NHS 1994, NHS 2000, PHCB 2005, BMIS 2010 & NHS 2012.
9	Maternal mortality ratio (MMR) [deaths per 100,000 live births]	380	255	-	-	86.0	NHS 1994, NHS 2000 & NHS 2012.
10	Sex ratio at birth [males per 100 females]	105	106	101	-	104	NHS 1994, NHS 2000, PHCB 2005 & NHS 2012.
11	Sex ratio of the population [males per 100 females]	91.0	94.7	111	-	96.0	NHS 1994, NHS 2000, PHCB 2005 & NHS 2012.

Note: - indicates Data Not Available.

Table 2: Cause-specific morbidity and mortality

Table 2.1 Trends of selected morbidity indicators, 2012 - 2016

Sl.#	Indicators	Year					Source
		2012	2013	2014	2015	2016	
1	Alcohol Liver Diseases incidence (per 10,000 population)	29	36	42	41	46	HMIS, MoH
2	Cancer incidence (per 10,000 population)	12	13	13	13	13	HMIS, MoH
3	Conjunctivitis incidence (per 10,000 population)	529	564	567	395	341	HMIS, MoH
4	Diabetes incidence (per 10,000 population)	57	80	134	164	158	HMIS, MoH
5	Diarrhoea incidence (per 10,000 under 5 children)	2368	1927	2244	2004	1755	HMIS, MoH
6	Depression incidence (per 10,000 population)	8	9	8	9	10	HMIS, MoH
7	Hypertension incidence per 10,000 population	375	409	469	458	393	HMIS, MoH
8	Intestinal Worms incidence (per 10,000 under 5 children)	133	129	118	96	66	HMIS, MoH
9	Malaria incidence (per 10,000 population at risk)	2	1	1	2	2	HMIS, MoH
10	Pneumonia incidence (per 10,000 under 5 children)	1204	1080	1138	905	991	HMIS, MoH
11	Skin infections (per 10,000 population)	1444	1316	1335	1218	1197	HMIS, MoH
12	STD/STI incidence (per 10,000 population)	41	59	72	92	73	HMIS, MoH
13	Tuberculosis prevalence rate (per 10,000 population)	16	15	15	13	15	HMIS, MoH

Table 2.2 Total Morbidity at National Level by gender and age group - 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
		Infections												
A02 ^G	Diarrhoea	1976	1834	5681	4911	7041	6144	9378	8643	1273	1310	1576	1769	51536
A03 ^G	Dysentery	137	143	534	525	820	747	2174	1948	382	343	427	410	8590
A15 ^G	Tuberculosis ^B	4	1	1	2	24	20	346	420	87	55	107	76	1143
A41 ^G	Other Sepsis (including Septicaemia)	72	73	81	62	41	57	105	143	25	35	53	54	801
A50	Congenital Syphilis	4	1	0	0	0	0	0	0	0	0	0	0	5
A51 ^G	Genital Ulcer	0	0	2	1	6	5	96	78	8	10	9	4	219
A53 ^G	Syphilis	0	0	0	0	0	0	69	53	9	16	5	5	157
A54 ^G	Urethral/Vaginal discharges	0	0	3	2	16	22	1177	1804	68	184	20	53	3349
A63 ^G	Other Sexually Transmitted Disease, exclgd HIV/AIDS	1	1	1	2	4	9	669	711	142	151	81	101	1873
A77 ^G	Rickettsial Disease ^B	10	12	31	26	57	49	186	161	32	28	31	42	665
Viral, Protozoal & Helminthic disease														
B01	Chicken Pox	24	32	179	151	968	826	305	240	8	5	3	7	2748
B15	Acute Hepatitis A	4	0	3	5	16	19	46	35	2	9	5	2	146
B16	Acute Hepatitis B	1	0	0	0	0	1	73	48	12	7	9	11	162
B17 ^G	Other Acute Hepatitis (includes Hepatitis C&E)	2	3	2	0	21	28	88	97	26	15	29	21	332
B50	Plasmodium falciparum Malaria	0	0	0	1	1	0	11	2	0	0	1	2	18
B51	Plasmodium Vivax Malaria	0	0	1	0	3	1	23	7	4	1	1		41
B53 ^G	Other Malaria	0	0	0	0	1	4	15	1	1	0	1	1	24
B55	Visceral Leishmaniasis (Kala-azar)	2	0	2	1	1	6	15	20	2	1	2	1	53
B65 ^G	Intestinal Worms	46	60	219	213	716	675	1611	1647	326	321	241	202	6277
B86	Scabies	61	88	356	318	2368	1850	2246	1815	212	203	243	177	9937
B95	Streptococcus Group A ^B	3	5	20	23	57	50	282	317	87	37	25	20	926
BAZ ^G	Other infections (exclude ear, brain, STI)	289	282	759	744	1584	1557	2896	3256	487	417	411	398	13080

Note : OPD cases from JDWNRH excluded

Contd/..... Table 2.2 Total Morbidity at National Level by gender and age group - 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Neoplasm														
C15 ^G	Oesophagus Cancer	0	0	0	0	0	0	0	0	0	0	16	7	23
C16 ^G	Stomach/ Gastric Cancer	0	0	0	0	0	10	7	17	7	52	34	127	
C18 ^G	Colon Cancer	0	0	0	0	0	0	1	1	7	6	2	17	
C20	Rectal Cancer	0	0	0	0	0	2	11	1	2	10	9	35	
C24 ^G	Hepato-Biliary Cancer	0	0	0	0	0	0	1	1	0	3	2	7	
C25 ^G	Pancreatic Cancer	0	0	0	0	0	1	0	0	0	1	0	2	
C50 ^G	Breast Cancer	0	0	0	0	0	0	16	0	5	0	10	31	
C53 ^G	Cervical cancer	0	0	0	0	0	0	44	0	23	0	28	95	
CZZ ^G	Other Cancers	0	0	2	1	17	12	40	173	29	63	130	125	592
Blood diseases														
D00 ^G	Neoplasm (benign + CIS)	2	0	6	8	5	17	55	207	12	33	76	37	458
D50 ^G	Nutritional Anaemia	40	33	173	186	447	723	2690	6951	846	1119	863	1069	15140
D55 ^G	Blood & Immune Disorders	9	7	18	24	57	50	232	386	46	65	70	76	1040
Endocrine, Metabolic & Nutritional														
E10*	Diabetes	0	0	0	1	0	0	2207	2785	1748	1748	1683	1946	12118
E40*	Malnutrition (exclude child clinic attendance)	7	8	21	24	25	28	73	64	17	20	16	20	323
EZZ*	Other Nutritional & Metabolic Disorders	34	35	102	113	375	399	980	1335	242	273	251	269	4408

Note : OPD cases from JDWNRH excluded

Contd/.....Table 2.2 Total Morbidity at National Level by gender and age group - 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
		Mental disorders												
F03 ^G	Dementia	0	0	0	0	0	0	6	5		5	3	2	21
F10	Mental and behavioral disorders due to alcohol	0	0	0	0	2	3	563	246	92	44	51	22	1023
F19 ^G	Mental and behavioral disorders due to multiple drug use & other use of psychoactive substances	0	0	0	0	4	1	202	49	15	5	4	2	282
F20 ^G	Psychosis	0	0	0	0	4	2	131	136	7	18	6	14	318
F31 ^G	Depression	0	0	0	0	4	8	184	336	46	64	45	56	743
F40 ^G	Anxiety	0	0	0	1	9	8	454	807	222	302	143	195	2141
FZZ ^G	Other Mental Disorders	1	0	4	6	17	55	476	893	76	76	52	67	1723
Disease of Nervous system														
G00 ^G	Meningitis/Encephalitis	46	32	24	20	15	23	24	26	4	2	4	2	222
G40 ^G	Epilepsy	22	10	52	34	121	81	523	493	64	43	48	44	1535
GZZ ^G	Other Nervous including Peripheral Disorders	93	105	443	443	3728	4220	15615	29359	2938	4131	3125	4023	68223
Eye & Ear Diseases														
H10	Conjunctivitis	437	413	825	812	2401	2429	6102	7325	1140	1221	1364	1723	26192
H25 ^G	CataractB	4	1	6	3	10	11	57	77	68	61	262	279	839
H52 ^G	Disorders of Refraction & Accommodation (Refractive Error in the Eye)	10	15	44	39	113	124	311	396	112	87	106	126	1483

Note : OPD cases from JDWNRH excluded

Contd/.....Table 2.2 Total Morbidity at National Level by gender and age group - 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
H2Z ^G	Other Eye Disorders	442	450	917	943	3675	4125	11093	15606	2490	3284	3980	4710	51715
H65 ^G	Otitis Media	257	230	791	744	2045	1735	2501	2646	299	281	268	309	12106
H90 ^G	Other Ear Disorders	122	157	675	760	2393	2391	3939	4332	589	510	600	509	16977
Diseases of Circulatory System														
I00 ^G	Rheumatic Heart Disease ^B	2	2	3	1	15	16	199	245	119	115	118	84	919
I10 ^G	Hypertension	0	0	0	0	16	21	5309	7174	3673	4069	4841	5127	30230
I20 ^G	Ischaemic Heart Diseases ^B	0	0	0	0	2	0	48	65	54	32	84	66	351
I60 ^G	Cerebro-vascular Diseases ^B	0	0	0	0	1	0	55	40	47	32	144	94	413
I88 ^G	Bubo	0	0	0	0	1	0	34	25	22	9	16	19	126
IZZ ^G	Other Circulatory Diseases	51	65	80	71	377	426	1679	2504	532	572	857	874	8088
Respiratory Diseases														
J00	Common Cold	8639	8820	22237	22032	35928	36930	55288	63728	8062	7896	8285	8261	286106
J02 ^G	Acute Pharyngitis/ Tonsillitis	526	645	2736	2791	9526	11574	17861	23552	2213	2145	1674	1874	77117
J12 ^G	Pneumonia	1524	1466	2680	2464	708	583	480	514	110	125	238	263	11155
J45	Asthma	24	38	63	60	72	68	197	373	135	197	301	311	1839
JZZ ^G	Other Respiratory & Nose Diseases	1933	1678	3390	3097	6321	6284	13035	16024	2476	2383	3315	3426	63362
Diseases of the Digestive system														
K00 ^G	Diseases of Teeth & Gums	52	48	514	434	2791	3094	5683	6636	1152	1054	1056	923	23437
K02	Dental Caries	0	0	999	1015	5940	6276	11338	14877	2204	2161	2375	2083	49268
K20 ^G	Peptic Ulcer Syndrome	12	13	228	220	2068	2906	18954	24098	3614	4064	3168	4238	63583
K35	Acute Appendicitis ^B	1	0	14	5	70	54	347	287	55	49	78	82	1042

Note : OPD cases from JDWNRH excluded

Contd/.....Table 2.2 Total Morbidity at National Level by gender and age group - 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
K70	Alcoholic Liver Disease	0	0	0	0	15	1308	729	430	313	411	292	3507	
K80 ^g	Gall Bladder Diseases ^B	1	1	2	3	15	17	215	493	76	125	86	1152	
KZZ ^g	Other Diseases of the Digestive System	909	943	3643	3812	9298	10414	24458	32033	4368	4370	4651	103926	
Diseases of the Skin and Subcutaneous Tissue														
L00 ^g	Skin Infections	1648	1498	5905	5584	14578	12941	21321	18966	2697	2283	2547	2036	92004
LZZ ^g	Other Disorders of Skin and Subcutaneous tissue	2121	2056	6338	6075	13837	13127	25107	26554	3535	3248	3655	3253	108906
Diseases of Musculo-skeletal system & Congenital Deformities														
M00 ^g	Arthritis & Arthrosis	4	1	23	20	235	174	2759	2883	1045	1102	1165	1161	10572
MZZ ^g	Other Musculo-Skeletal Disorders	46	53	430	387	3532	3492	29543	31531	7271	7257	7781	7638	98961
Diseases of Genito-Urinary diseases														
N30	CystitisB	15	9	27	39	54	87	559	1575	113	133	122	173	2906
N61 ^g	Infections of the Breast, Including Puerperium	0	0	0	0	0	2	0	489	0	14	0	4	509
N62 ^g	Other diseases of the Breast	1	0	0	1	7	103	48	1566	12	83	6	44	1871
N70 ^g	Pelvic Inflammatory DiseaseB	0	0	0	0	0	9	0	852	0	146	0	61	1068
N91 ^g	Menstrual Disturbances	0	0	0	0	0	139	0	4046	0	321	0	109	4615
NZZ ^g	Other Kidney, UT/Genital Disorders	70	65	512	519	1202	1547	7580	22609	1635	2511	1592	1765	41607
Pregnancy, Childbirth and Puerperium														
O00 ^g	Abortions	0	0	0	0	0	1	0	1485	0	0	0	0	1486
O13 ^g	Pregnancy Induced Hypertension	0	0	0	0	0	1	0	580	0	0	0	0	581

Note : OPD cases from JDWNRH excluded

Contd/.....Table 2.2 Total Morbidity at National Level by gender and age group - 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
O20 ^G	Ante-Partum Haemorrhage & Placenta Previa	0	0	0	0	0	1	0	140	0	0	0	0	141
O32	Malpresentation	0	0	0	0	0	0	0	81	0	0	0	0	81
O63	Prolonged Labour	0	0	0	0	0	0	0	256	0	0	0	0	256
O64 ^G	Obstructed Labour	0	0	0	0	0	0	0	76	0	0	0	0	76
O72	Post-Partum Haemorrhage	0	0	0	0	0	0	0	115	0	0	0	0	115
O73	Retained Placenta	0	0	0	0	0	0	0	82	0	0	0	0	82
O85 ^G	Puerperal Sepsis	0	0	0	0	0	0	0	83	0	0	0	0	83
OZZ ^G	Other Complications of Pregnancy	0	0	0	0	0	6	0	7832	0	0	0	0	7838
Certain Conditions Originating in the Perinatal Period														
P05	Low Birth Weight	192	138	0	0	0	0	0	0	0	0	0	0	330
P95	Foetal Death & Stillbirth	25	29	0	0	0	0	0	0	0	0	0	0	54
P96	Neonatal Death	10	3	0	0	0	0	0	0	0	0	0	0	13
PZZ ^G	Conditions Originating in the Perinatal period	1524	1287	0	0	0	0	0	0	0	0	0	0	2811
Congenital Malformations, Deformations and Chromosomal abnormalities														
Q36 ^G	Oro-facial Clefts	16	11	0	0	0	0	0	0	0	0	0	0	27
Q45 ^G	Gastrointestinal Tract defects ^B	1	0	3	1	0	0	0	0	0	0	0	0	5
Q66 ^G	Talipes Equinovarus	2	1	0	0	0	0	0	0	0	0	0	0	3
Q79 ^G	Omphalocele	5	1	0	0	0	0	0	0	0	0	0	0	6
QZZ ^G	Other Malformations	60	50	61	43	41	27	30	46	7	2	1	2	370

Note : OPD cases from JDWNRH excluded

Contd./ Table 2.2 Total Morbidity at National Level by gender and age group - 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Injury, Poisoning and certain other consequences of External Causes														
T65	Mushroom Poisoning (Toxic effect of other unspecified substances)	0	0	10	10	24	25	117	107	17	13	11	6	340
V01 ^G	Transport Accidents	5	4	53	40	223	175	1586	791	217	109	139	77	3419
W00 ^G	Accidental Falls	29	40	445	288	1613	817	2947	1713	461	392	501	420	9666
W50 ^G	Other Bites and Sting (excluding dog bite)	19	21	245	203	700	553	1273	1356	277	207	238	199	5291
W54	Dog Bites	8	16	376	274	1358	949	2184	1542	360	266	330	252	7915
W65 ^G	Drowning & Submersion	1	0	3	5	11	11	26	27	5	5	5		99
W86*	Exposure to Electric Current	0	0	9	1	6	4	64	13	3	1	5		106
X00*	Contact with Heat & Hot substances & exposure to smoke, fire, flames	31	39	282	231	345	238	600	572	73	70	70	54	2605
X20	Snake Bite	1	5	2	3	15	9	119	73	28	13	18	8	294
X21*	Contact with Venomous animals (excluding Snake bite)	1	1	17	13	24	17	84	40	13	7	9	7	233
X40 ^G	Accidental Poisoning by and Exposure to Noxious substances	1	1	11	7	7	2	31	34	7	5	7	3	116

Note : OPD cases from IDWNRH excluded

Contd/.....Table 2.2 Total Morbidity at National Level by gender and age group - 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
X60 ^g	Intentional Self-harm by Poisoning	0	0	0	3	2	79	4	3	1	3	150		
X71	Intentional Self-harm by Drowning & Submersion	0	0	0	0	4	1	7	17	0	1	0	0	30
X90	Assault by Poisoning (includes homicidal poisoning)	0	0	1	0	2	1	20	18	1	5	1	2	51
X92	Assault by Drowning and Submersion	0	0	0	0	0	2	5	7	2	0	0	1	17
XZZ ^g	Other Intentional Self-harm	0	0	3	3	24	10	188	130	15	13	14	4	404
Y96	Work Related Injuries	27	26	381	259	3260	1824	14992	6823	2155	1193	1528	863	33331
YYY ^g	Others (injuries other than above & unknown cause of injury)	52	67	884	649	3934	2118	7815	4416	978	642	790	503	22848
Other Conditions														
YZZ ^g	Complications of Health Care	17	26	33	39	100	66	264	497	52	39	36	34	1203
ZZZ ^g	ANC, Immunization & Other Counselling	2206	2496	3758	3726	2258	2511	28053	24053	1171	1386	1061	1019	73698
	Total	25974	25694	68379	65577	149767	148185	374144	453711	65811	67828	69849	71936	1586855
Total Old Cases all causes														
ZZZZ	Total Old Cases all causes	1227727												

Note : OPD cases from JDWNRH excluded

Table 2.3 Under 5 total Morbidity at National Level by gender and age group - 2016

Code#	Name of Diseases	Under 1 Year		1 - 4 Years		Total
		Male	Female	Male	Female	
Infections						
A02 ^G	Diarrhoea	1976	1834	5681	4911	14402
A03 ^G	Dysentery	137	143	534	525	1339
A15 ^G	Tuberculosis ^B	4	1	1	2	8
A41 ^G	Other Sepsis (including Septicaemia)	72	73	81	62	288
A50	Congenital Syphilis	4	1	0	0	5
A51 ^G	Genital Ulcer	0	0	2	1	3
A53 ^G	Syphilis	0	0	0	0	0
A54 ^G	Urethral/Vaginal discharges	0	0	3	2	5
A63 ^G	Other Sexually Transmitted Disease, excldg HIV/AIDS	1	1	1	2	5
A77 ^G	Rickettsial Disease ^B	10	12	31	26	79
Viral, Protozoal & Helminthic disease						
B01	Chicken Pox	24	32	179	151	386
B15	Acute Hepatitis A	4	0	3	5	12
B16	Acute Hepatitis B	1	0	0	0	1
B17 ^G	Other Acute Hepatitis (includes Hepatitis C&E)	2	3	2	0	7
B50	Plasmodium falciparum Malaria	0	0	0	1	1
B51	Plasmodium Vivax Malaria	0	0	1	0	1
B53 ^G	Other Malaria	0	0	0	0	0
B55	Visceral Leishmaniasis (Kala-azar)	2	0	2	1	5
B65 ^G	Intestinal Worms	46	60	219	213	538
B86	Scabies	61	88	356	318	823
B95	Streptococcus Group A ^B	3	5	20	23	51
BAZ ^G	Other infections (exclude ear, brain, STI)	289	282	759	744	2074
Neoplasm						
C15 ^G	Oesophagus Cancer	0	0	0	0	0
C16 ^G	Stomach/ Gastric Cancer	0	0	0	0	0
C18 ^G	Colon Cancer	0	0	0	0	0
C20	Rectal Cancer	0	0	0	0	0
C24 ^G	Hepato-Biliary Cancer	0	0	0	0	0
C25 ^G	Pancreatic Cancer	0	0	0	0	0
C50 ^G	Breast Cancer	0	0	0	0	0
C53 ^G	Cervical cancer	0	0	0	0	0
CZZ ^G	Other Cancers	0	0	2	1	3
Blood diseases						
D00 ^G	Neoplasm (benign + CIS)	2	0	6	8	16
D50 ^G	Nutritional Anaemia	40	33	173	186	432
D55 ^G	Blood & Immune Disorders	9	7	18	24	58

Note : OPD cases from JDWNRH excluded

Contd/... **Table 2.3 Under 5 total Morbidity at National Level by gender and age group - 2016**

Code#	Name of Diseases	Under 1 Year		1 - 4 Years		Total
		Male	Female	Male	Female	
Endocrine, Metabolic & Nutritional						
E10 ^G	Diabetes	0	0	0	1	1
E40 ^G	Malnutrition (exclude child clinic attendance)	7	8	21	24	60
EZZ ^G	Other Nutritional & Metabolic Disorders	34	35	102	113	284
Mental disorders						
F03 ^G	Dementia	0	0	0	0	0
F10	Mental and behavioral disorders due to alcohol	0	0	0	0	0
F19 ^G	Mental and behavioral disorders due to multiple drug use & other use of psychoactive substances	0	0	0	0	0
F20 ^G	Psychosis	0	0	0	0	0
F31 ^G	Depression	0	0	0	0	0
F40 ^G	Anxiety	0	0	0	1	1
FZZ ^G	Other Mental Disorders	1	0	4	6	11
Diseases of Nervous System						
G00 ^G	Meningitis/Encephalitis	46	32	24	20	122
G40 ^G	Epilepsy	22	10	52	34	118
GZZ ^G	Other Nervous including Peripheral Disorders	93	105	443	443	1084
Diseases of the Eye & Ear						
H10	Conjunctivitis	437	413	825	812	2487
H25 ^G	CataractB	4	1	6	3	14
H52 ^G	Disorders of Refraction & Accommodation (Refractive Error in the Eye)	10	15	44	39	108
H2Z ^G	Other Eye Disorders	442	450	917	943	2752
H65 ^G	Otitis Media	257	230	791	744	2022
H90 ^G	Other Ear Disorders	122	157	675	760	1714
Diseases of Circulatory System						
I00 ^G	Rheumatic Heart Disease ^B	2	2	3	1	8
I10 ^G	Hypertension	0	0	0	0	0
I20 ^G	Ischaemic Heart Diseases ^B	0	0	0	0	0
I60 ^G	Cerebro-vascular DiseasesB	0	0	0	0	0
I88 ^G	Bubo	0	0	0	0	0
IZZ ^G	Other Circulatory Diseases	51	65	80	71	267

Note : OPD cases from JDWNRH excluded

Contd/....Table 2.3 Under 5 total Morbidity at National Level by gender and age group - 2016

Code#	Name of Diseases	Under 1 Year		1 - 4 Years		Total
		Male	Female	Male	Female	
Disease of Respiratory Diseases						
J00	Common Cold	8639	8820	22237	22032	61728
J02 ^G	Acute Pharyngitis/ Tonsillitis	526	645	2736	2791	6698
J12 ^G	Pneumonia	1524	1466	2680	2464	8134
J45	Asthma	24	38	63	60	185
JZZ ^G	Other Respiratory & Nose Diseases	1933	1678	3390	3097	10098
Diseases of the Digestive system						
K00 ^G	Diseases of Teeth & Gums	52	48	514	434	1048
K02	Dental Caries	0	0	999	1015	2014
K20 ^G	Peptic Ulcer Syndrome	12	13	228	220	473
K35	Acute Appendicitis ^B	1	0	14	5	20
K70	Alcoholic Liver Disease	0	0	0	0	0
K80 ^G	Gall Bladder Diseases ^B	1	1	2	3	7
KZZ ^G	Other Diseases of the Digestive System	909	943	3643	3812	9307
Diseases of the Skin and Subcutaneous Tissue						
L00 ^G	Skin Infections	1648	1498	5905	5584	14635
LZZ ^G	Other Disorders of Skin and Subcutaneous tissue	2121	2056	6338	6075	16590
Diseases of Musculo-skeletal system & Congenital Deformities						
M00 ^G	Arthritis & Arthrosis	4	1	23	20	48
MZZ ^G	Other Musculo-Skeletal Disorders	46	53	430	387	916
Diseases of Genito-Urinary diseases						
N30	Cystitis ^B	15	9	27	39	90
N61 ^G	Infections of the Breast, Including Puerperium	0	0	0	0	0
N62 ^G	Other diseases of the Breast	1	0	0	1	2
N70 ^G	Pelvic Inflammatory Disease ^B	0	0	0	0	0
N91 ^G	Menstrual Disturbances	0	0	0	0	0
NZZ ^G	Other Kidney, UT/Genital Disorders	70	65	512	519	1166
Certain Conditions Originating in the Perinatal Period						
P05	Low Birth Weight	192	138	0	0	330
P95	Foetal Death & Stillbirth	25	29	0	0	54
P96	Neonatal Death	10	3	0	0	13
PZZ ^G	Conditions Originating in the Perinatal period	1524	1287	0	0	2811

Note : OPD cases from JDWNRH excluded

Contd/... **Table 2.3 Under 5 total Morbidity at National Level by gender and age group - 2016**

Code#	Name of Diseases	Under 1 Year		1 - 4 Years		Total
		Male	Female	Male	Female	
Congenital Malformations, Deformations and Chromosomal abnormalities						
Q36 ^G	Oro-facial Clefts	16	11	0	0	27
Q45 ^G	Gastrointestinal Tract defects ^B	1	0	3	1	5
Q66 ^G	Talipes Equinovarus	2	1	0	0	3
Q79 ^G	Omphalocele	5	1	0	0	6
QZZ ^G	Other Malformations	60	50	61	43	214
Injury, Poisoning and certain other consequences of External Causes						
T65	Mushroom Poisoning (Toxic effect of other unspecified substances)	0	0	10	10	20
V01 ^G	Transport Accidents	5	4	53	40	102
W00 ^G	Accidental Falls	29	40	445	288	802
W50 ^G	Other Bites and Sting (excluding dog bite)	19	21	245	203	488
W54	Dog Bites	8	16	376	274	674
W65 ^G	Drowning & Submersion	1	0	3	5	9
W85 ^G	Exposure to Electric Current	0	0	9	1	10
X00 ^G	Contact with Heat & Hot substances & exposure to smoke, fire, flames	31	39	282	231	583
X20	Snake Bite	1	5	2	3	11
X21 ^G	Contact with Venomous animals (excluding Snake bite)	1	1	17	13	32
X40 ^G	Accidental Poisoning by and Exposure to Noxious substances	1	1	11	7	20
X60 ^G	Intentional Self-harm by Poisoning	0	0	0	3	3
X71	Intentional Self-harm by Drowning & Submersion	0	0	0	0	0
X90	Assault by Poisoning (includes homicidal poisoning)	0	0	1	0	1
X92	Assault by Drowning and Submersion	0	0	0	0	0
XZZ ^G	Other Intentional Self-harm	0	0	3	3	6
Y96	Work Related Injuries	27	26	381	259	693
YYY ^G	Others (injuries other than above & unknown cause of injury)	52	67	884	649	1652
Other Conditions						
YZZ ^G	Complications of Health Care	17	26	33	39	115
ZZZ ^G	ANC, Immunization & Other Counselling	2206	2496	3758	3726	12186
Total		25974	25694	68379	65577	185624

Note : OPD cases from JDWNRH excluded

Table 2.4 National Leprosy Report - 2016

Sl.#	Type of patients	PATIENTS (MDT)				Total
		MB		PB		
		M	F	M	F	
1	Total patient at the end of year 2014	9	9	0	0	18
2	+ New patients detected	6	2	1	0	9
3	+ Transferred in etc.	0	1	0	0	1
4	+ Relapse	0	0	0	0	0
5	+ Regained to control	0	0	0	0	0
6	- Released (RFT)	9	9	1	0	19
7	- Died	0	0	0	0	0
8	- Lost to control	0	0	0	0	0
9	- Transferred out	0	1	0	0	1
10	- Defaulter	0	0	0	0	0
Total patient at the end of year 2014		2	7	0	0	9

Note :

MB = Multi bacillary

PB = Pauci bacillary

Table 2.5 TB Sputum examination report - 2016

Sl.#	Gender	Total sputum examined for AFB	Total with sputum smear positive	Percentage of smear positive
1	Male	5058	243	4.8
2	Female	5101	237	4.6
Total		10159	480	4.7

Table 2.6 TB Case Notifications - 2016

Type	Age/Gender																Total
	0 - 4		5 - 14		15 - 24		25 - 34		35 - 44		45 - 54		55 - 64		65 +		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Pulmonary new smear positive	1	0	2	6	62	106	45	64	19	18	16	9	17	8	29	8	410
Relapse among new smear positive	0	0	0	0	3	3	5	6	3	4	5	1	1	0	1	0	32
Failure among new positive	0	0	0	0	1	2	0	1	0	0	1	0	0	1	0	0	6
Default among new smear positive	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New pulmonary negative	1	1	2	4	7	32	12	18	9	5	5	2	7	7	12	13	137
Extra-pulmonary	4	3	24	14	69	112	61	100	25	40	16	21	17	13	25	16	560
Total	6	4	28	24	142	255	123	189	56	67	43	33	42	29	67	37	1145

Table 2.7 TB Smear conversion at 2/3 months - 2016

Sl.#	Type	Total registered		Negative		Positive		No Result		Smear conversion in percent
		M	F	M	F	M	F	M	F	
1	New	186	220	157	172	20	37	9	2	81.0
2	Relapse	20	21	17	18	2	3	2	0	85.4
3	Failure	2	6	2	2	0	3	0	0	50.0
4	Default	0	0	0	0	0	0	0	0	0.0

Table 2.8 TB Treatment outcome for the past year

Type	Total registered		Cured		Treatment completed		Died		Failure		Defaulted		Outcome not known	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Pulmonary new positive	169	214	152	186	3	2	3	7	9	19	1	0	1	0
New pulmonary negative	27	28	0	0	25	24	0	2	0	1	1	0	1	1
New Extra-pulmonary	241	226	0	0	233	217	3	3	0	4	0	1	5	1
Relapse	26	32	19	22	0	1	3	1	4	8	0	0	0	0
Failure	6	5	3	5	0	0	2	0	0	0	0	0	1	0
Default	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.9 Mortality Report from Health Facility, 2012 - 2016

Code#	Name of Disease	Year				
		2012	2013	2014	2015	2016
Infections Diseases						
A02 ^G	Diarrhoea	3	1	3	2	1
A03 ^G	Dysentery	2	1	8	0	1
A15 ^G	TuberculosisB	32	26	20	29	27
A41 ^G	Other Sepsis (including Septicaemia)					104
A50	Congenital Syphilis					0
A51 ^G	Genital Ulcer	0	0	0	0	1
A53 ^G	Syphilis					0
A54 ^G	Urethral/Vaginal discharges	0	0	0	0	0
A63 ^G	Other Sexually Transmitted Disease, excldng HIV/ AIDS	0	1	2	1	0
A77 ^G	Rickettsial Disease	0	1	0	4	2
Viral, Protozoal & Helminthic disease						
B01	Chicken Pox	0	0	0	0	0
B15	Acute Hepatitis A	4	1	2	2	1
B16	Acute Hepatitis B					1
B17 ^G	Other Acute Hepatitis (includes Hepatitis C&E)					1
B50	Plasmodium falciparum Malaria	1	0	0	1	0
B51	Plasmodium Vivax Malaria	1	0	0	0	0
B53 ^G	Other Malaria					0
B55	Visceral Leishmaniasis (Kala-azar)	0	1	0	0	0
B65 ^G	Intestinal Worms	1	0	0	0	1
B86	Scabies	0	0	1	0	0
B95	Streptococcus Group A ^B	0	0	0	2	0
BAZ ^G	Other infections (exclude ear, brain, STI)	46	104	84	91	22
Neoplasm						
C15 ^G	Oesophagus Cancer					7
C16 ^G	Stomach/ Gastric Cancer					8
C18 ^G	Colon Cancer					4
C20	Rectal Cancer					3
C24 ^G	Hepato-Biliary Cancer					3
C25 ^G	Pancreatic Cancer					0
C50 ^G	Breast Cancer					0
C53 ^G	Cervical cancer	2	5	3	6	6
CZZ ^G	Other Cancers	84	90	71	100	96
Blood diseases						
D00 ^G	Neoplasm (benign + CIS)	1	4	6	1	6
D50 ^G	Nutritional Anaemia	5	8	5	11	3
D55 ^G	Blood & Immune Disorders	14	4	7	10	11

Contd/... Table 2.9 Mortality Report from Health Facility, 2012 - 2016

Code #	Name of Disease	Year				
		2012	2013	2014	2015	2016
Endocrine, Metabolic & Nutritional						
E10 ^G	Diabetes	23	30	13	28	14
E40 ^G	Malnutrition (exclude child clinic attendance)	5	1	0	0	1
EZZ ^G	Other Nutritional & Metabolic Disorders	7	5	2	11	7
Mental & Behavioural Disorders						
F03 ^G	Dementia					0
F10	Mental and behavioral disorders due to alcohol	2	1	1	2	2
F19 ^G	Mental and behavioral disorders due to multiple drug use & other use of psychoactive substances	0	0	0	0	1
F20 ^G	Psychosis	0	0	1	1	0
F31 ^G	Depression	1	0	1	0	0
F40 ^G	Anxiety	0	0	0	0	0
FZZ ^G	Other Mental Disorders	1	0	1	1	0
Mental & Behavioural Disorders						
G00 ^G	Meningitis/Encephalitis	28	20	34	33	47
G40 ^G	Epilepsy	4	4	4	7	6
GZZ ^G	Other Nervous including Peripheral Disorders	30	23	23	17	16
Diseases of the Eye & Ear						
H10	Conjunctivitis	0	0	0	0	2
H25 ^G	CataractB	0	0	0	4	0
H52 ^G	Disorders of Refraction & Accommodation (Refractive Error in the Eye)					0
H2Z ^G	Other Eye Disorders	0	0	3	1	12
H65 ^G	Otitis Media	0	0	0	0	0
H90 ^G	Other Ear Disorders	0	0	1	0	0
Diseases of the Circulatory System						
I00 ^G	Rheumatic Heart Disease ^B	14	5	11	7	4
I10 ^G	Hypertension	25	20	16	27	23
I20 ^G	Ischaemic Heart Diseases ^B	14	9	10	9	12
I60 ^G	Cerebro-vascular DiseasesB	47	48	29	84	71
I88 ^G	Bubo					1
IZZ ^G	Other Circulatory Diseases	100	129	118	112	154
Diseases of the Respiratory diseases						
J00	Common Cold	1	2	2	3	1
J02 ^G	Acute Pharyngitis/ Tonsillitis	3	1	5	3	10
J12 ^G	Pneumonia	77	67	63	63	88
J45	Asthma					9
JZZ ^G	Other Respiratory & Nose Diseases	102	107	114	118	90

Contd./... Table 2.9 Mortality Report from Health Facility, 2012 - 2016

Code #	Name of Disease	Year				
		2012	2013	2014	2015	2016
Diseases of the Digestive system						
K00 ^G	Diseases of Teeth & Gums	0	0	0	2	0
K02	Dental Caries	0	0	0	0	0
K20 ^G	Peptic Ulcer Syndrome	4	6	6	1	3
K35	Acute AppendicitisB	2	1	1	3	2
K70	Alcoholic Liver Disease	140	129	176	158	190
K80 ^G	Gall Bladder Diseases ^B	2	3	0	7	3
KZZ ^G	Other Diseases of the Digestive System	62	64	68	67	44
Diseases of the Skin and Subcutaneous Tissue						
L00 ^G	Skin Infections	4	2	0	1	1
LZZ ^G	Other Disorders of Skin and Subcutaneous tissue	15	0	4	3	5
Diseases of Musculo-skeletal system & Congenital Deformities						
M00 ^G	Arthritis & Arthrosis	1	1	1	0	0
MZZ ^G	Other Musculo-Skeletal Disorders	4	3	9	7	3
Diseases of the Genitourinary System						
N30	CystitisB	0	3	2	3	5
N61 ^G	Infections of the Breast, Including Puerperium	1	0	0	0	0
N62 ^G	Other diseases of the Breast	1	0	1	0	0
N70 ^G	Pelvic Inflammatory DiseaseB	1	0	0	0	0
N91 ^G	Menstrual Disturbances	1	0	0	0	0
NZZ ^G	Other Kidney, UT/Genital Disorders	67	67	66	59	78
Pregnancy, Childbirth and the puerperium						
O00 ^G	Abortions	1	1	0	1	0
O13 ^G	Pregnancy Induced Hypertension	0	0	0	1	1
O20 ^G	Ante-Partum Haemorrhage & Placenta Previa	0	0	0	0	0
O32	Malpresentation	0	0	0	0	0
O63	Prolonged Labour	0	0	0	0	1
O64 ^G	Obstructed Labour	0	0	0	0	0
O72	Post-Partum Heamorrhage	0	3	0	2	4
O73	Retained Placenta	0	0	2	0	0
O85 ^G	Puerperal Sepsis	0	0	0	0	0
OZZ ^G	Other Complications of Pregnancy	1	1	3	4	1
Certain Conditions Originating in the Perinatal Period						
P05	Low Birth Weight	12	9	10	40	38
P95	Foetal Death & Stillbirth	42	25	27	43	54
P96	Neonatal Death	91	71	62	17	13
PZZ ^G	Conditions Originating in the Perinatal period	23	23	16	45	49

Contd/... Table 2.9 Mortality Report from Health Facility, 2012 - 2016

Code #	Name of Disease	Year				
		2012	2013	2014	2015	2016
Congenital Malformations, Deformations and Chromosomal Abnormalities						
Q36 ^G	Oro-facial Clefts					0
Q45 ^G	Gastrointestinal Tract defects ^B					0
Q66 ^G	Talipes Equinovarus					1
Q79 ^G	Omphalocele					0
QZZ ^G	Other Malformations	9	17	6	22	22
Injury, Poisoning and certain other consequences of External Causes						
T65	Mushroom Poisoning (Toxic effect of other unspecified substances)	3	6	3	2	4
V01 ^G	Transport Accidents	17	8	14	9	20
W00 ^G	Accidental Falls	19	10	7	9	14
W50 ^G	Other Bites and Sting (excluding dog bite)	0	0	0	1	0
W54	Dog Bites	0	0	0	0	1
W65 ^G	Drowning & Submersion	0	0	2	2	1
W85 ^G	Exposure to Electric Current	2	0	0	1	2
X00 ^G	Contact with Heat & Hot substances & exposure to smoke, fire, flames	4	0	3	3	1
X20	Snake Bite	1	1	0	1	3
X21 ^G	Contact with Venomous animals (excluding Snake bite)	1	0	1	0	1
X40 ^G	Accidental Poisoning by and Exposure to Noxious substances					0
X60 ^G	Intentional Self-harm by Poisoning	5	3	3	2	6
X71	Intentional Self-harm by Drowning & Submersion					0
X90	Assault by Poisoning (includes homicidal poisoning)					0
X92	Assault by Drowning and Submersion					1
XZZ ^G	Other Intentional Self-harm					2
Y96	Work Related Injuries	7	1	2	4	1
YYY	Others (injuries other than above & unknown cause of injury)	41	26	20	32	25
Other Conditions						
YZZ ^G	Complications of Health Care	0	2	3	2	5
ZZZ ^G	ANC, Immunization & Other Counselling	6	1	7	4	8

Note: Shaded cells are new variables added/deleted in the system.

Table 2.10 Malaria Mortality - 2016

Sl.#	Death	Age/Gender								Total
		0 – 4 years		5 – 14 years		15 – 49 years		50 + years		
		Male	Female	Male	Female	Male	Female	Male	Female	
1	Total Deaths	0	0	0	0	0	0	0	0	0

Table 3: Facility based disease case findings and case-loads

Table 3.1 Disease cases and case-load indicators

Sl.#	Indicators	Year					Source
		2012	2013	2014	2015	2016	
1	Total new cases seen in Bhutan (<i>OPD cases from JDWNRH excluded</i>)	1,430,946	1,429,919	1,576,634	1,528,217	1,586,855	HMIS, MoH
2	Total Outpatient cases seen in all hospitals (<i>OPD cases from JDWNRH excluded</i>)	751,781	766,596	854,273	823,278	861,194	HMIS, MoH
3	Total Inpatient cases seen in all hospitals	60,398	50,179	61,324	73,825	74,080	HMIS, MoH
4	Total morbidity cases seen by BHUs	618,732	613,087	656,631	608,723	627,107	HMIS, MoH

FACT-SHEET: Facility based disease cases and case-loads

Figure 3.3.1 - Total new cases and total morbidity cases seen by BHUs

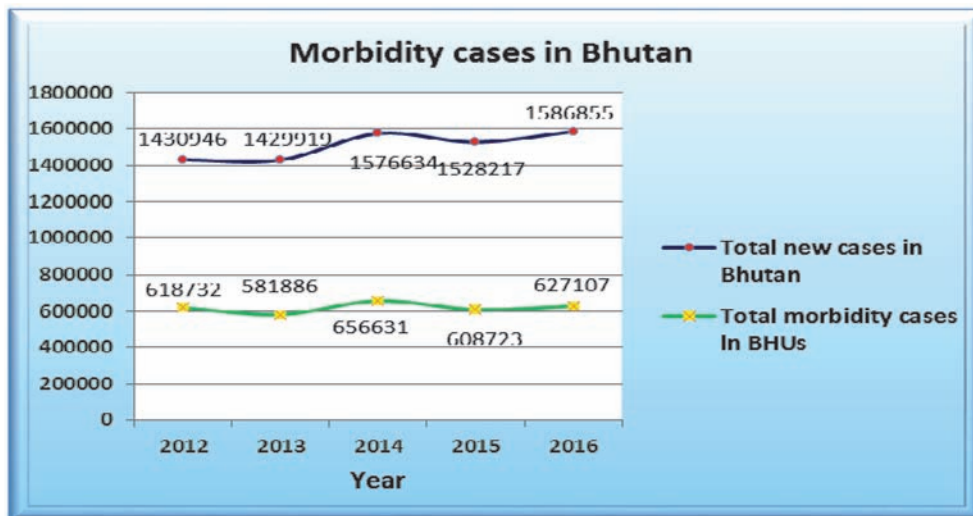


Figure 3.3.2 - Total Outpatient & Inpatient cases seen in all hospitals

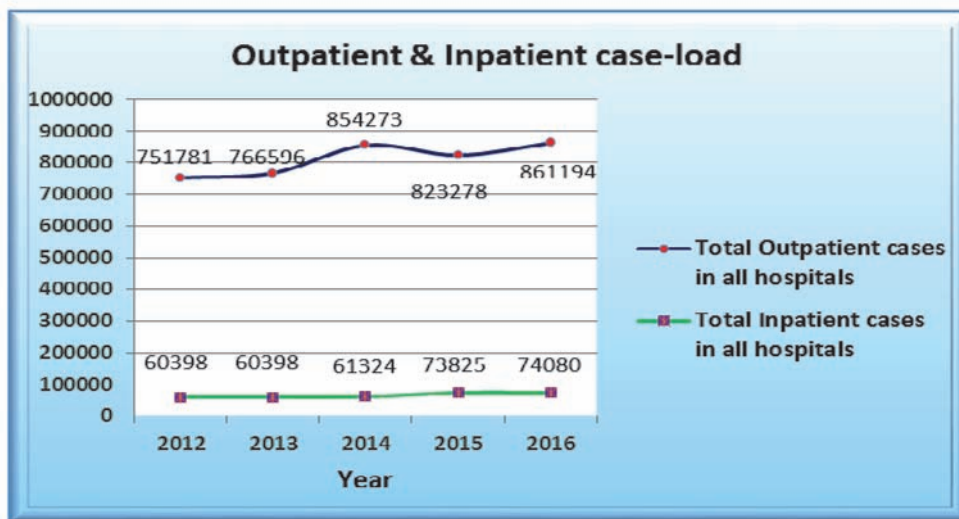


Table 3.2 Type of Cases Seen in Bhutan, 2012 - 2016

Code #	Name of Disease	Year				
		2012	2013	2014	2015	2016
Infections Diseases						
A02 ^G	Diarrhoea	64002	51373	58114	51593	51536
A03 ^G	Dysentery	16452	12678	11571	10053	8590
A15 ^G	Tuberculosis	987	954	1187	929	1143
A41 ^G	Other Sepsis (including Septicaemia)					801
A50	Congenital Syphilis					5
A51 ^G	Genital Ulcer	306	256	558	549	219
A53 ^G	Syphilis					157
A54 ^G	Urethral/Vaginal discharges	1921	2960	3490	3829	3349
A63 ^G	Other Sexually Transmitted Disease, excldg HIV/AIDS	748	1143	1316	2003	1873
A77 ^G	Rickettsial Disease	218	351	450	605	665
Viral, Protozoal & Helminthic Disease						
B01	Chicken Pox	2098	2520	2850	3319	2748
B15	Acute Hepatitis A	399	537	746	811	146
B16	Acute Hepatitis B					162
B17 ^G	Other Acute Hepatitis (includes Hepatitis C&E)					332
B50	Plasmodium falciparum Malaria	61	46	43	107	18
B51	Plasmodium Vivax Malaria	75	42	55	65	41
B53 ^G	Other Malaria					24
B55	Visceral Leishmaniasis (Kala-azar)	27	87	98	25	53
B65 ^G	Intestinal Worms	7726	6869	7091	6974	6277
B86	Scabies	6867	8267	9616	8821	9937
B95	Streptococcus Group A ^B	133	39	215	484	926
BAZ ^G	Other infections (exclude ear, brain, STI)	14117	15564	16776	18031	13080
Neoplasm						
C15 ^G	Oesophagus Cancer					23
C16 ^G	Stomach/ Gastric Cancer					127
C18 ^G	Colon Cancer					17
C20	Rectal Cancer					35
C24 ^G	Hepato-Biliary Cancer					7
C25 ^G	Pancreatic Cancer					2
C50 ^G	Breast Cancer					31
C53 ^G	Cervical cancer	63	52	49	80	95
CZZ ^G	Other Cancers	571	603	656	669	624
Diseases of the Blood and Blood-forming Organs						
D00 ^G	Neoplasm (benign + CIS)	249	268	233	249	458
D50 ^G	Nutritional Anaemia	11537	14537	14987	13389	15140
D55 ^G	Blood & Immune Disorders	947	1104	1064	986	1040

Note : OPD cases from JDWNRH excluded

Contd/...Table 3.2 Type of Cases Seen in Bhutan, 2012 - 2016

Code #	Name of Disease	Year				
		2012	2013	2014	2015	2016
Endocrine, Nutritional and Metabolic Diseases						
E10 ^G	Diabetes	4097	5890	9976	12384	12118
E40 ^G	Malnutrition (exclude child clinic attendance)	469	480	350	311	323
EZZ ^G	Other Nutritional & Metabolic Disorders	1891	1662	3492	3384	4408
F03 ^G	Dementia					21
F10	Mental and behavioral disorders due to alcohol	463	774	129	1442	1023
F19 ^G	Mental and behavioral disorders due to multiple drug use & other use of psychoactive substances	110	137	447	269	282
F20 ^G	Psychosis	94	132	564	526	318
F31 ^G	Depression	559	653	1044	667	743
F40 ^G	Anxiety	729	654	2146	1524	2141
FZZ ^G	Other Mental Disorders	1089	1170	129	2576	1723
Disease of the Nervous System						
G00 ^G	Meningitis/Encephalitis	316	302	292	349	222
G40 ^G	Epilepsy	1215	1201	1496	1559	1535
GZZ ^G	Other Nervous including Peripheral Disorders	55802	58897	64471	63487	68223
Diseases of the Eye & Ear Diseases						
H10	Conjunctivitis	38138	41367	42226	29893	26192
H25 ^G	Cataract ^B	885	1858	1617	1742	839
H52 ^G	Disorders of Refraction & Accommodation (Refractive Error in the Eye)					1483
H2Z ^G	Other Eye Disorders	41995	47762	52186	52906	51715
H65 ^G	Otitis Media	14632	14757	14541	13009	12106
H90 ^G	Other Ear Disorders	14384	16773	17726	16881	16977
Diseases of the Circulatory System						
I00 ^G	Rheumatic Heart Disease	718	664	1629	1361	919
I10 ^G	Hypertension	27023	29962	34941	34646	30230
I20 ^G	Ischaemic Heart Diseases	447	290	1069	768	351
I60 ^G	Cerebro-vascular DiseasesB	334	402	625	627	413
I88 ^G	Bubo					126
IZZ ^G	Other Circulatory Diseases	6831	7754	9313	6389	8088
Diseases of the Respiratory diseases						
J00	Common Cold	291528	271664	298044	275951	286106
J02 ^G	Acute Pharyngitis/ Tonsillitis	70326	64883	69107	68357	77117
J12 ^G	Pneumonia	13622	12016	13091	10525	11155
J45	Asthma					1839
JZZ ^G	Other Respiratory & Nose Diseases	55266	54284	57610	55242	63362

Note : OPD cases from JDWNRH excluded

Contd/...Table 3.2 Type of Cases Seen in Bhutan, 2012 – 2016

Code#	Name of Disease	Year				
		2012	2013	2014	2015	2016
Diseases of the Digestive System						
K00 ^G	Diseases of Teeth & Gums	17511	18594	23014	22457	23437
K02	Dental Caries	37388	41287	54065	55036	49268
K20 ^G	Peptic Ulcer Syndrome	69110	68991	69046	63955	63583
K35	Acute Appendicitis ^B	662	962	1248	903	1042
K70	Alcoholic Liver Disease	2059	2631	3140	3134	3507
K80 ^G	Gall Bladder Diseases ^B	722	988	1432	1650	1152
KZZ ^G	Other Diseases of the Digestive System	77041	82156	90787	94891	103926
Diseases of the Skin and Subcutaneous Tissue						
L00 ^G	Skin Infections	104141	96433	99515	92173	92004
LZZ ^G	Other Disorders of Skin and Subcutaneous tissue	77146	81141	90210	90985	108906
Diseases of Musculo-skeletal System & Congenital Deformities						
M00 ^G	Arthritis & Arthrosis	10733	10586	13055	11081	10572
MZZ ^G	Other Musculo-Skeletal Disorders	83371	89240	95400	95213	98961
Diseases of the Genito-Urinary System						
N30	Cystitis ^B	2801	3932	4434	3676	2906
N61 ^G	Infections of the Breast, Including Puerperium	715	657	754	477	509
N62 ^G	Other diseases of the Breast	1500	1460	1627	1641	1871
N70 ^G	Pelvic Inflammatory Disease	844	623	1066	758	1068
N91 ^G	Menstrual Disturbances	5168	4927	4982	4834	4615
NZZ ^G	Other Kidney, UT/Genital Disorders	32263	34492	36263	37829	41607
Pregnancy, Childbirth and the Puerperium						
O00 ^G	Abortions	1338	1342	1427	1566	1486
O13 ^G	Pregnancy Induced Hypertension	640	457	524	566	581
O20 ^G	Ante-Partum Haemorrhage & Placenta Previa	154	98	119	116	141
O32	Malpresentation	106	97	76	79	81
O63	Prolonged Labour	963	569	275	257	256
O64 ^G	Obstructed Labour	252	217	48	76	76
O72	Post-Partum Haemorrhage	163	94	126	102	115
O73	Retained Placenta	179	165	133	141	82
O85 ^G	Puerperal Sepsis	71	73	111	53	83
OZZ ^G	Other Complications of Pregnancy	7450	8916	10213	11312	7838
Certain Conditions Originating in the Perinatal Period						
P05	Low Birth Weight	214	234	241	286	330
P95	Foetal Death & Stillbirth	42	25	28	43	54
P96	Neonatal Death	91	72	62	17	13
PZZ ^G	Conditions Originating in the Perinatal period	1346	1783	2130	2828	2811

Note : OPD cases from JDWNRH excluded

Contd/...Table 3.2 Type of Cases Seen in Bhutan, 2012 - 2016

Code#	Name of Disease	Year				
		2012	2013	2014	2015	2016
Congenital Malformations, Deformations and Chromosomal Abnormalities						
Q36 ^G	Oro-facial Clefts					27
Q45 ^G	Gastrointestinal Tract defects					5
Q66 ^G	Talipes Equinovarus					3
Q79 ^G	Omphalocele					6
QZZ ^G	Other Malformations	355	328	299	361	370
Injury, Poisoning and certain other consequences of External Causes						
T65	Mushroom Poisoning (Toxic effect of other unspecified substances)	289	357	510	362	340
V01 ^G	Transport Accidents	2104	2031	2344	2383	3419
W00 ^G	Accidental Falls	7585	7908	8072	8508	9666
W50 ^G	Other Bites and Sting (excluding dog bite)	3545	4227	4546	4303	5291
W54	Dog Bites	5353	5573	6791	7099	7915
W65 ^G	Drowning & Submersion	65	41	156	74	99
W85 ^G	Exposure to Electric Current	66	74	71	65	106
X00 ^G	Contact with Heat & Hot substances & exposure to smoke, fire, flames	2771	2786	2788	2657	2605
X20	Snake Bite	226	191	210	229	294
X21 ^G	Contact with Venomous animals (excluding Snake bite)	128	103	167	169	233
X40 ^G	Accidental Poisoning by and Exposure to Noxious substances					116
X60 ^G	Intentional Self-harm by Poisoning	502	682	513	750	150
X71	Intentional Self-harm by Drowning & Submersion					30
X90	Assault by Poisoning (includes homicidal poisoning)					51
X92	Assault by Drowning and Submersion					17
XZZ ^G	Other Intentional Self-harm					404
Y96	Work Related Injuries	28705	29303	30664	30805	33331
YYY ^G	Others (injuries other than above & unknown cause of injury)	20819	21992	22853	22265	22848
Other conditions						
YZZ ^G	Complications of Health Care	755	932	1814	1217	1171
ZZZ ^G	ANC, Immunization & Other counseling	49027	43511	58867	68489	73698
Total		1352243	1430946	1576634	1528217	1586855
Total Old Cases all causes						
ZZZZ*	Total Old Cases all causes	560012	568740	724741	1207061	1227727

Note : OPD cases from JDWNRH excluded

Table 3.3 Outpatient Cases seen in all Hospitals – 2016

Code #	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Infections														
A02 ^G	Diarrhoea	1194	1169	3234	2824	3638	3084	5208	4656	676	638	614	606	27541
A03 ^G	Dysentery	68	82	294	276	474	450	1214	1051	171	154	134	133	4501
A15 ^G	Tuberculosis ^B	3	0	0	1	6	7	137	147	51	37	50	38	477
A41 ^G	Other Sepsis (including Septicaemia)	2	3	2	6	2	5	27	23	7	4	3	3	87
A50	Congenital Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0
A51 ^G	Genital Ulcer	0	0	1	1	3	2	60	47	5	5	7	1	132
A53 ^G	Syphilis	0	0	0	0	0	0	41	17	4	1	1	2	66
A54 ^G	Urethral/Vaginal discharges	0	0	2	2	16	20	827	1399	48	150	14	47	2525
A63 ^G	Other Sexually Transmitted Disease, excldg HIV/AIDS	0	0	0	1	0	8	481	453	130	128	75	94	1370
A77 ^G	Rickettsial Disease ^B	3	4	9	7	14	11	64	42	7	5	4	3	173
Viral, Protozoal & Helminthic disease														
B01	Chicken Pox	12	19	128	91	526	390	181	173	7	4		5	1536
B15	Acute Hepatitis A	1	0	3	4	9	9	39	28	2	6	3	2	106
B16	Acute Hepatitis B	1	0	0	0	0	1	46	36	10	7	7	9	117
B17 ^G	Other Acute Hepatitis (includes Hepatitis C&E)	2	2	1	0	8	11	32	39	14	6	12	8	135
B50	Plasmodium falciparum Malaria	0	0	0	1	0	0	2	0	0	0	0	0	3
B51	Plasmodium Vivax Malaria	0	0	0	0	1	0	3	1	0	0	0	0	5
B53 ^G	Other Malaria	0	0	0	0	0	4	3	0	0	0	0	1	8
B55	Visceral Leishmaniasis (Kala-azar)	1	0	1	0	0	5	7	13	0	0	1	0	28
B65 ^G	Intestinal Worms	43	58	167	155	467	466	1005	990	208	194	140	86	3979
B86	Scabies	41	60	216	216	945	783	1246	1081	123	122	110	92	5035
B95	Streptococcus Group A	3	4	20	23	57	50	282	317	87	37	24	20	924
BAZ ^G	Other infections (exclude ear, brain, STI)	67	88	305	337	629	660	1577	1768	248	196	161	137	6173

Note : OPD cases from JDWNRH excluded

Contd/.....Table 3.3 Outpatient Cases seen in all Hospitals – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Neoplasm														
C15G	Oesophagus Cancer	0	0	0	0	0	0	0	0	0	0	0	0	0
C16G	Stomach/ Gastric Cancer	0	0	0	0	0	0	1	0	0	0	0	0	2
C18G	Colon Cancer	0	0	0	0	0	0	0	0	0	0	0	0	0
C20	Rectal Cancer	0	0	0	0	0	0	0	0	0	0	0	0	0
C24G	Hepato-Biliary Cancer	0	0	0	0	0	0	0	0	0	0	0	0	0
C25G	Pancreatic Cancer	0	0	0	0	0	0	0	0	0	0	0	0	0
C50G	Breast Cancer	0	0	0	0	0	0	0	0	1	0	0	0	1
C53G	Cervical cancer	0	0	0	0	0	0	0	0	10	0	2	0	18
CZZG	Other Cancers	0	0	1		5	1	8	22	1	6	9	7	60
Blood diseases														
D00G	Neoplasm (benign + CIS)	1	0	5	7	3	12	15	88	5	14	21	13	184
D50G	Nutritional Anaemia	19	20	92	102	270	489	1690	4107	508	614	406	462	8779
D55G	Blood & Immune Disorders	0	0	1	0	6	1	26	51	10	8	10	11	124
Endocrine, Metabolic & Nutritional														
E10G	Diabetes	0	0	0	1	0	0	2068	2647	1615	1647	1488	1762	11228
E40G	Malnutrition (exclude child clinic attendance)	3	3	8	4	2	4	6	32	15	14	8	11	110
EZZG	Other Nutritional & Metabolic Disorders	13	18	55	72	126	148	516	736	160	149	136	142	2271

Note : OPD cases from JDWNRH excluded

Contd/.... Table 3.3 Outpatient Cases seen in all Hospitals – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Mental disorders														
F03 ^g	Dementia	0	0	0	0	0	0	2	0	1	0	2	1	6
F10	Mental and behavioral disorders due to alcohol	0	0	0	0	1	1	157	104	32	15	15	5	330
F19 ^g	Mental and behavioral disorders due to multiple drug use & other use of psychoactive substances	0	0	0	0	3	0	73	33	4	1	0	0	114
F20 ^g	Psychosis	0	0	0	0	3	2	80	109	5	14	6	12	231
F31 ^g	Depression	0	0	0	0	4	5	133	218	38	55	37	49	539
F40 ^g	Anxiety	0	0	0	1	7	8	408	748	219	293	141	191	2016
FZZ ^g	Other Mental Disorders	0	0	2	2	9	37	351	692	59	60	32	45	1289
Disease of Nervous system														
G00 ^g	Meningitis/Encephalitis	0	0	1	0	1	2	4	4	0	0	0	0	12
G40 ^g	Epilepsy	11	4	25	17	92	72	445	414	58	37	39	31	1245
GZZ ^g	Other Nervous including Peripheral Disorders	31	43	183	152	829	910	5092	8834	714	1014	719	938	19459
Eye & Ear Diseases														
H10	Conjunctivitis	307	286	550	518	1389	1406	4191	4544	657	632	646	665	15791
H25 ^g	CataractB	3	0	2	1	6	10	36	61	41	47	149	156	512
H52 ^g	Disorders of Refraction & Accommodation (Refractive Error in the Eye)	8	10	42	35	104	114	278	355	99	80	88	95	1308

Note : OPD cases from JDWNRH excluded

Contd/ Table 3.3 Outpatient Cases seen in all Hospitals – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
H2Z ^G	Other Eye Disorders	288	286	563	624	2155	2367	7192	9484	1347	1722	1994	2053	30075
H65 ^G	Otitis Media	158	113	396	397	957	821	1632	1636	185	160	162	136	6753
H90 ^G	Other Ear Disorders	105	130	525	586	1640	1593	3084	3364	464	396	440	365	12692
Diseases of Circulatory System														
I00 ^G	Rheumatic Heart Disease	1	1	1	1	11	9	164	200	108	94	88	67	745
I10 ^G	Hypertension	0	0	0	0	5	11	3832	5150	2807	3099	3458	3595	21957
I20 ^G	Ischaemic Heart Diseases	0	0	0	0	1	0	33	45	37	23	40	21	200
I60 ^G	Cerebro-vascular DiseasesB	0	0	0	0	1	0	11	15	12	7	13	10	69
I88 ^G	Bubo	0	0	0	0	1	0	16	18	14	7	9	12	77
IZZ ^G	Other Circulatory Diseases	13	23	29	21	77	114	616	928	212	230	235	267	2765
Respiratory Diseases														
J00	Common Cold	5597	5694	13847	13259	18418	18354	30832	32677	3962	3651	3559	3254	153104
J02 ^G	Acute Pharyngitis/ Tonsillitis	419	500	2120	2047	5673	6913	11397	14517	1403	1228	931	1049	48197
J12 ^G	Pneumonia	358	351	653	627	328	258	288	281	60	65	62	73	3404
J45	Asthma	6	14	22	22	42	46	129	248	91	116	134	154	1024
JZZ ^G	Other Respiratory & Nose Diseases	1097	996	1960	1805	3350	3092	7310	8950	1293	1182	1382	1368	33785
Diseases of the Digestive system														
K00 ^G	Diseases of Teeth & Gums	45	37	378	305	1652	1897	3842	4250	777	660	687	530	15060
K02	Dental Caries	0	0	881	859	4743	5023	9379	12060	1748	1660	1793	1504	39650
K20 ^G	Peptic Ulcer Syndrome	8	9	173	153	1183	1507	11508	14305	2009	2137	1566	2028	36586
K35	Acute AppendicitisB	0	0	1	1	10	16	78	79	25	26	61	57	354

Note : OPD cases from JDWNRH excluded

Contd/ Table 3.3 Outpatient Cases seen in all Hospitals – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
K70	Alcoholic Liver Disease	0	0	0	0	9	13	615	378	208	138	219	148	1728
K80 ^G	Gall Bladder Diseases	0	1	1	1	11	14	97	145	25	26	24	24	369
KZZ ^G	Other Diseases of the Digestive System	571	616	2203	2265	4561	5041	14299	18823	2434	2279	2027	2180	57299
Diseases of the Skin and Subcutaneous Tissue														
L00 ^G	Skin Infections	1057	938	3370	3156	6732	5800	11795	10099	1453	1188	1201	930	47719
LZZ ^G	Other Disorders of Skin and Subcutaneous tissue	1411	1307	3781	3581	6539	5940	14285	14459	1859	1549	1596	1337	57644
Diseases of Musculo-skeletal system & Cogenital Deformities														
M00 ^G	Arthritis & Arthrosis	3	0	14	13	85	75	1377	1372	490	433	413	378	4653
MZZ ^G	Other Musculo-Skeletal Disorders	28	40	331	297	2122	2123	18834	18974	4164	3812	3592	3389	57706
Diseases of Genito-Urinary diseases														
N30	CystitisB	5	2	19	25	47	65	462	1303	92	100	86	122	2328
N61 ^G	Infections of the Breast, Including Puerperium	0	0	0	0	0	1	0	299	0	12	0	4	316
N62 ^G	Other diseases of the Breast	0	0	0	1	2	88	27	919	9	66	2	35	1149
N70 ^G	Pelvic Inflammatory DiseaseB	0	0	0	0	0	9	0	757	0	135	0	51	952
N91 ^G	Menstrual Disturbances	0	0	0	0	0	90	0	2435	0	225	0	84	2834
NZZ ^G	Other Kidney, UT/Genital Disorders	38	37	277	316	549	819	4449	12835	931	1231	684	788	22954
Pregnancy, Childbirth and Puerperium														
O00 ^G	Abortions	0	0	0	0	0	0	0	254	0	0	0	0	254
O13 ^G	Pregnancy Induced Hypertension	0	0	0	0	0	0	0	137	0	0	0	0	137

Note : OPD cases from JDWNRH excluded

Contd/..... Table 3.3 Outpatient Cases seen in all Hospitals – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
O20 ^G	Ante-Partum Haemorrhage & Placenta Previa	0	0	0	0	0	1	0	19	0	0	0	0	20
O32	Malpresentation	0	0	0	0	0	0	0	6	0	0	0	0	6
O63	Prolonged Labour	0	0	0	0	0	0	0	3	0	0	0	0	3
O64 ^G	Obstructed Labour	0	0	0	0	0	0	0	0	0	0	0	0	0
O72	Post-Partum Haemorrhage	0	0	0	0	0	0	0	4	0	0	0	0	4
O73	Retained Placenta	0	0	0	0	0	0	0	7	0	0	0	0	7
O85 ^G	Puerperal Sepsis	0	0	0	0	0	0	0	14	0	0	0	0	14
OZZ ^G	Other Complications of Pregnancy	0	0	0	0	0	1	0	1218	0	0	0	0	1219
Certain Conditions Originating in the Perinatal Period														
P05	Low Birth Weight	3	1	0	0	0	0	0	0	0	0	0	0	4
P95	Foetal Death & Stillbirth	0	2	0	0	0	0	0	0	0	0	0	0	2
P96	Neonatal Death	0	0	0	0	0	0	0	0	0	0	0	0	0
PZZ ^G	Conditions Originating in the Perinatal period	109	167	0	0	0	0	0	0	0	0	0	0	276
Congenital Malformations, Deformations and Chromosomal abnormalities														
Q36 ^G	Oro-facial Clefts	4	8	0	0	0	0	0	0	0	0	0	0	12
Q45 ^G	Gastrointestinal Tract defects ^B	0	0	0	0	0	0	0	0	0	0	0	0	0
Q66 ^G	Talipes Equinovarus	0	0	0	0	0	0	0	0	0	0	0	0	0
Q79 ^G	Omphalocele	2	0	0	0	0	0	0	0	0	0	0	0	2
QZZ ^G	Other Malformations	0	0	0	0	0	0	4	5	0	0	1	1	11

Note : OPD cases from JDWNRH excluded

Contd/..... Table 3.3 Outpatient Cases seen in all Hospitals – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Injury, Poisoning and certain other consequences of External Causes														
T65	Mushroom Poisoning (Toxic effect of other unspecified substances)	0	0	2	3	2	8	47	46	8	5	3	3	127
V01 ^G	Transport Accidents	2	1	25	22	147	120	937	552	159	91	94	48	2198
W00 ^G	Accidental Falls	12	19	195	116	685	397	1684	997	253	219	213	192	4982
W50 ^G	Other Bites and Sting (excluding dog bite)	9	12	128	102	300	249	665	724	136	96	107	79	2607
W54	Dog Bites	5	9	200	139	638	470	1123	803	173	100	143	122	3925
W65 ^G	Drowning & Submersion	0	0	1	2	7	5	15	10	3	3	3	0	49
W85 ^G	Exposure to Electric Current Contact with Heat & Hot	0	0	1	0	0	0	25	4	0	0	3	0	33
X00 ^G	substances & exposure to smoke, fire, flames	13	13	110	73	120	73	246	218	19	18	12	13	928
X20	Snake Bite	0	0	1	1	5	2	19	10	4	0	2	0	44
X21 ^G	Contact with Venomous animals (excluding Snake bite)	0	1	10	9	15	8	64	24	9	2	4	3	149
X40 ^G	Accidental Poisoning by and Exposure to Noxious substances	0	1	1	2	0	0	8	12	4	1	0	0	29

Note : OPD cases from JDWVRH excluded

Contd/.....Table 3.3 Outpatient Cases seen in all Hospitals – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yr		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
X60 ^G	Intentional Self-harm by Poisoning	0	0	0	1	1	0	17	28	1	2	0	0	50
X71	Intentional Self-harm by Drowning & Submersion	0	0	0	0	2	1	2	8	0	1	0	0	14
X90	Assault by Poisoning (includes homicidal poisoning)	0	0	0	0	2	0	12	10	0	4	1	1	30
X92	Assault by Drowning and Submersion	0	0	0	0	0	0	3	5	1	0	0	0	9
XZZ ^G	Other Intentional Self-harm	0	0	0	1	7	2	62	45	4	3	6	1	131
Y96	Work Related Injuries	7	7	191	112	1085	717	6316	2936	909	566	514	342	13702
YYY ^G	Others (injuries other than above & unknown cause of injury)	20	23	424	318	1541	879	3699	2192	387	232	281	173	10169
Other Conditions														
YZZ ^G	Complications of Health Care	0	0	7	7	24	9	75	100	10	5	6	3	246
ZZZ ^G	ANC, Immunization & Other Counselling	703	702	1186	1141	576	499	23649	5588	298	261	253	247	35103
Total		13934	13934	39377	37268	75716	74728	224317	243075	36635	35663	33416	33131	861194
Total Old Cases all causes														
ZZZZ	Total Old Cases all causes	1015424												

Note : OPD cases from JDWNRH excluded

Table 3.4 Inpatient Cases in all Hospitals – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total Death	
		M	F	M	F	M	F	M	F	M	F	M	F		
Infections															
A02 ^G	Diarrhoea	123	89	241	222	202	171	356	382	59	78	78	177	2178	1
A03 ^G	Dysentery	11	9	23	20	21	18	54	50	8	7	21	19	261	1
A15 ^G	Tuberculosis	1	1	1	1	18	12	209	273	36	18	57	38	665	27
A41 ^G	Other Sepsis (including Septicaemia)	70	70	78	55	39	46	75	118	18	30	49	51	699	104
A50	Congenital Syphilis	4	1	0	0	0	0	0	0	0	0	0	0	5	0
A51 ^G	Genital Ulcer	0	0	0	0	0	0	0	1	0	0	1	0	2	0
A53 ^G	Syphilis	0	0	0	0	0	0	5	3	0	1	0	0	9	0
A54 ^G	Urethral/Vaginal discharges	0	0	0	0	0	0	18	24	1	0	0	0	43	0
A63 ^G	Other Sexually Transmitted Disease, excldg HIV/AIDS	1	1	1	0	2	1	4	11	1	1	0	0	23	0
A77 ^G	Rickettsial Disease ^B	7	8	22	19	43	38	122	119	25	23	27	39	492	2
Viral, Protozoal & Helminthic disease															
B01	Chicken Pox	3	2	4	2	20	15	16	8	0	0	0	1	71	0
B15	Acute Hepatitis A	2	0	0	1	7	9	6	7	0	3	2	0	37	1
B16	Acute Hepatitis B	0	0	0	0	0	0	27	12	2	0	2	2	45	1
B17 ^G	Other Acute Hepatitis (includes Hepatitis C&E)	0	1	1	1	13	17	55	56	12	9	17	13	194	1
B50	Plasmodium falciparum Malaria	0	0	0	0	1	0	7	2	0	0	0	2	12	0
B51	Plasmodium Vivax Malaria	0	0	1	0	1	1	16	5	2	1	1	0	28	0
B53 ^G	Other Malaria	0	0	0	0	1	0	11	1	1	0	1	0	15	0
B55	Visceral Leishmaniasis (Kala-azar)	1	0	1	1	1	0	6	1	1	0	0	0	12	0
B65 ^G	Intestinal Worms	0	0	3	2	2	7	9	16	6	5	0	1	51	1
B86	Scabies	2	8	4	7	17	10	6	7	0	0	1	0	62	0
B95	Streptococcus Group A	0	1	0	0	0	0	0	0	0	0	0	0	1	0
BAZ ^G	Other infections (exclude ear, brain, STI)	133	98	117	106	131	112	384	415	54	60	61	75	1746	22

Contd/..... Table 3.4 Inpatient Cases in all Hospitals – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total	Death	
		M	F	M	F	M	F	M	F	M	F	M	F			
Neoplasm																
C15G	Oesophagus Cancer	0	0	0	0	0	0	0	0	0	0	0	16	7	23	7
C16G	Stomach/ Gastric Cancer	0	0	0	0	0	0	9	7	17	7	52	33	125	8	8
C18G	Colon Cancer	0	0	0	0	0	0	0	1	1	7	6	2	17	4	4
C20	Rectal Cancer	0	0	0	0	0	0	2	11	1	2	10	9	35	3	3
C24G	Hepato-Biliary Cancer	0	0	0	0	0	0	0	1	1	0	3	2	7	3	3
C25G	Pancreatic Cancer	0	0	0	0	0	0	1	0	0	0	1	0	2	0	0
C50G	Breast Cancer	0	0	0	0	0	0	0	15	0	5	0	10	30	0	0
C53G	Cervical cancer	0	0	0	0	0	0	0	34	0	21	0	22	77	6	6
CZZG	Other Cancers	0	0	1	1	12	11	32	149	30	57	121	118	532	95	95
Blood diseases																
D00G	Neoplasm (benign + CIS)	1	0	1	0	1	2	27	77	4	13	55	12	193	6	6
D50G	Nutritional Anaemia	13	11	35	29	17	21	92	291	43	50	93	89	784	3	3
D55G	Blood & Immune Disorders	9	5	6	4	15	16	93	90	17	23	30	26	334	11	11
Endocrine, Metabolic & Nutritional																
E10G	Diabetes	0	0	0	0	0	0	138	135	116	98	186	176	849	13	13
E40G	Malnutrition (exclude child clinic attendance)	4	2	10	14	1	3	6	5	1	0	6	2	54	1	1
EZZG	Other Nutritional & Metabolic Disorders	15	12	10	1	9	10	32	69	8	26	34	20	246	6	6

Contd/ Table 3.4 Inpatient Cases in all Hospitals – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total	Death
		M	F	M	F	M	F	M	F	M	F	M	F		
Mental disorders															
F03 ^G	Dementia	0	0	0	0	0	0	3	3	0	4	0	1	11	0
F10	Mental and behavioral disorders due to alcohol	0	0	0	0	1	373	121	56	25	28	14	618	2	
	Mental and behavioral disorders due to multiple drug use & other use of psychoactive substances	0	0	0	0	1	122	14	10	4	2	0	154	0	
F20 ^G	Psychosis	0	0	0	1	0	50	25	2	4		2	84	0	
F31 ^G	Depression	0	0	0	0	3	46	106	7	8	7	7	184	0	
F40 ^G	Anxiety	0	0	0	2	0	37	55	3	8	1	3	109	0	
FZZ ^G	Other Mental Disorders	0	0	2	3	2	9	72	111	2	9	12	233	0	
Disease of Nervous system															
G00 ^G	Meningitis/Encephalitis	46	31	22	20	14	20	17	17	4	1	4	2	198	47
G40 ^G	Epilepsy	11	6	27	17	29	9	78	79	6	6	9	12	289	6
GZZ ^G	Other Nervous including Peripheral Disorders	21	21	38	32	43	41	292	374	57	37	77	49	1082	16
Eye & Ear Diseases															
H10	Conjunctivitis	1	2	6	4	13	18	33	29	5	3	8	14	136	0
H25 ^G	CataractB	1	1	4	2	4	0	17	15	26	14	113	121	318	0
	Disorders of Refraction & Accommodation (Refractive Error in the Eye)	0	0	1	1	2	2	8	5	1	1	2	8	31	0

Contd/..... Table 3.4 Inpatient Cases in all Hospitals – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total	Death
		M	F	M	F	M	F	M	F	M	F	M	F		
		H2ZG	Other Eye Disorders	6	5	23	13	26	32	135	123	34	31		
H65G	Otitis Media	6	5	22	20	29	20	27	28	0	1	2	0	160	0
H90G	Other Ear Disorders	3	0	12	9	32	33	63	44	7	6	17	10	236	0
Diseases of Circulatory System															
I00G	Rheumatic Heart Disease	1	1	2	0	4	7	33	41	8	16	25	15	153	4
I10G	Hypertension	0	0	0	0	4	0	380	391	233	231	477	474	2190	20
I20G	Ischaemic Heart Diseases	0	0	0	0	1	0	15	20	17	9	44	45	151	12
I60G	Cerebro-vascular DiseasesB	0	0	0	0	0	0	44	25	35	25	130	84	343	71
I88G	Bubo	0	0	0	0	0	0	17	5	8	2	6	6	44	1
IZZG	Other Circulatory Diseases	27	28	15	9	23	18	240	196	131	104	415	387	1593	147
Respiratory Diseases															
J00	Common Cold	231	238	331	292	398	403	621	701	90	87	106	92	3590	0
J02G	Acute Pharyngitis/ Tonsillitis	27	29	113	126	237	241	388	460	35	34	17	34	1741	1
J12G	Pneumonia	521	438	629	529	168	141	144	165	39	50	161	165	3150	76
J45	Asthma	9	8	14	19	24	11	50	91	23	55	133	122	559	5
JZZG	Other Respiratory & Nose Diseases	495	373	568	419	280	194	565	634	189	187	646	666	5216	88
Diseases of the Digestive system															
K00G	Diseases of Teeth & Gums	2	1	9	7	36	51	84	108	11	21	8	10	348	0
K02	Dental Caries	0	0	2	6	19	23	79	73	17	11	14	13	257	0
K20G	Peptic Ulcer Syndrome	3	1	3	1	48	66	454	526	139	151	103	128	1623	3
K35	Acute AppendicitisB	1	0	13	4	60	38	269	205	30	21	17	23	681	2

Contd/ Table 3.4 Inpatient Cases in all Hospitals – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total	Death
		M	F	M	F	M	F	M	F	M	F	M	F		
K70	Alcoholic Liver Disease	0	0	0	0	0	0	625	303	192	142	160	128	1550	184
K80 ^G	Gall Bladder Diseases	1	0	1	1	4	3	116	344	51	98	62	92	773	3
KZZ ^G	Other Diseases of the Digestive System	105	72	186	171	266	254	1087	1182	233	178	308	290	4332	40
Diseases of the Skin and Subcutaneous Tissue															
L00 ^G	Skin Infections	61	54	106	99	116	101	261	231	44	38	60	45	1216	0
LZZ ^G	Other Disorders of Skin and Subcutaneous tissue	63	69	154	144	191	146	453	435	88	68	139	82	2032	3
Diseases of Musculo-skeletal system & Congenital Deformities															
M00 ^G	Arthritis & Arthrosis	0	0	1	2	27	12	87	57	21	24	34	39	304	0
MZZ ^G	Other Musculo-Skeletal Disorders	5	1	24	12	145	95	620	606	173	92	172	144	2089	3
Diseases of Genito-Urinary diseases															
N30	CystitisB	10	7	8	14	7	22	97	271	21	31	35	50	573	5
N61 ^G	Infections of the Breast, Including Puerperium	0	0	0	0	0	1	0	55	0	1	0	0	57	0
N62 ^G	Other diseases of the Breast	1	0	0	0	1	0	4	50	0	5	0	2	63	0
N70 ^G	Pelvic Inflammatory DiseaseB	0	0	0	0	0	0	0	92	0	11	0	10	113	0
N91 ^G	Menstrual Disturbances	0	0	0	0	0	3	0	178	0	23	0	10	214	0
NZZ ^G	Other Kidney, UT/Genital Disorders	23	18	100	66	234	162	895	1999	233	315	366	298	4709	77
Pregnancy, Childbirth and Puerperium															
O00 ^G	Abortions	0	0	0	0	0	1	0	1144	0	0	0	0	1145	0
O13 ^G	Pregnancy Induced Hypertension	0	0	0	0	0	1	0	432	0	0	0	0	433	1

Contd/ Table 3.4 Inpatient Cases in all Hospitals – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total	Death
		M	F	M	F	M	F	M	F	M	F	M	F		
O20 ^G	Ante-Partum Haemorrhage & Placenta Previa	0	0	0	0	0	0	111	0	0	0	0	0	111	0
O32	Malpresentation	0	0	0	0	0	0	71	0	0	0	0	0	71	0
O63	Prolonged Labour	0	0	0	0	0	0	221	0	0	0	0	0	221	1
O64 ^G	Obstructed Labour	0	0	0	0	0	0	72	0	0	0	0	0	72	0
O72	Post-Partum Haemorrhage	0	0	0	0	0	0	105	0	0	0	0	0	105	4
O73	Retained Placenta	0	0	0	0	0	0	67	0	0	0	0	0	67	0
O85 ^G	Puerperal Sepsis	0	0	0	0	0	0	64	0	0	0	0	0	64	0
OZZ ^G	Other Complications of Pregnancy	0	0	0	0	0	5	6365	0	0	0	0	0	6370	1
Certain Conditions Originating in the Perinatal Period															
P05	Low Birth Weight	182	131	0	0	0	0	0	0	0	0	0	0	313	38
P95	Foetal Death & Stillbirth	23	25	0	0	0	0	0	0	0	0	0	0	48	48
P96	Neonatal Death	7	3	0	0	0	0	0	0	0	0	0	0	10	10
PZZ ^G	Conditions Originating in the Perinatal period	1411	1116	0	0	0	0	0	0	0	0	0	0	2527	49
Congenital Malformations, Deformations and Chromosomal abnormalities															
Q36 ^G	Oro-facial Clefts	12	3	0	0	0	0	0	0	0	0	0	0	15	0
Q45 ^G	Gastrointestinal Tract defects ^B	1	0	3	1	0	0	0	0	0	0	0	0	5	0
Q66 ^G	Talipes Equinovarus	2	1	0	0	0	0	0	0	0	0	0	0	3	1
Q79 ^G	Omphalocele	3	1	0	0	0	0	0	0	0	0	0	0	4	0
QZZ ^G	Other Malformations	58	50	61	43	40	27	25	40	7	2	0	1	364	22

Contd/ Table 3.4 Inpatient Cases in all Hospitals – 2016

Code#	Name of Diseases		Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total Death
			M	F	M	F	M	F	M	F	M	F	M	F	
T65	0	0	6	5	12	6	25	32	6	4	3	1	100	2	
V01 ^G	1	3	21	11	49	43	462	176	40	9	32	22	869	19	
W00 ^G	7	11	78	47	177	82	416	218	75	57	125	108	1401	13	
W50 ^G	2	2	6	6	34	24	56	57	18	11	19	11	246	0	
W54	1	3	34	25	117	62	284	125	30	20	17	20	738	1	
W65 ^G	1	0	2	2	1	1	4	3	0	0	0	0	14	1	
W85 ^G	0	0	0	1	0	0	20	4	1	0	0	0	26	1	
X00 ^G	2	3	26	23	20	14	57	47	5	7	15	6	225	1	
X20	0	1	0	0	8	6	56	37	17	7	9	5	146	2	
X21 ^G	0	0	1	0	0	1	4	1	2	3	2	1	15	1	
X40 ^G	1	0	5	5	3	0	9	11	0	3	5	3	45	0	

Contd/ Table 3.4 Inpatient Cases in all Hospitals – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total	Death	
		M	F	M	F	M	F	M	F	M	F	M	F			
X60 ^G	Intentional Self-harm by Poisoning	0	0	0	1	0	2	27	28	3	0	1	2	64	6	
X71	Intentional Self-harm by Drowning & Submersion	0	0	0	0	1	0	3	7	0	0	0	0	11	0	
X90	Assault by Poisoning (includes homicidal poisoning)	0	0	0	0	0	0	4	3	1	0	0	1	9	0	
X92	Assault by Drowning and Submersion	0	0	0	0	0	1	1	1	0	0	0	0	3	0	
XZZ ^G	Other Intentional Self-harm	0	0	0	0	3	2	46	47	1	2	2	1	104	1	
Y96	Work Related Injuries	0	0	4	5	51	26	552	287	103	36	44	30	1138	1	
YYY ^G	Others (injuries other than above & unknown cause of injury)	13	12	65	51	213	86	844	401	134	85	102	45	2051	20	
Other Conditions																
YZZ ^G	Complications of Health Care	9	6	4	3	2	3	20	51	5	9	5	4	121	3	
ZZZ ^G	ANC, Immunization & Other Counselling	5	8	11	5	1	3	76	700	8	4	3	3	827	3	
Total		3822	3107	3323	2761	3797	3097	13810	23917	3211	2989	5268	4978	74080	1335	
Total Old Cases all causes																
ZZZZ	Total Old Cases all causes															8750

Table 3.5 Morbidity Cases Seen by Basic Health Units - 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
		M		F		M		F		M		F		
Infections														
A02 ^G	Diarrhoea	635	561	2086	1799	3106	2801	3654	3457	501	556	834	938	20928
A03 ^G	Dysentery	57	51	206	223	316	272	874	817	199	176	258	240	3689
A41 ^G	Other Sepsis (including Septicaemia)	0	0	1	1	0	6	3	2	0	0	1	0	14
A51 ^G	Genital Ulcer	0	0	1	0	3	3	36	30	3	5	1	3	85
A53 ^G	Syphilis	0	0	0	0	0	0	23	33	5	13	3	3	80
A54 ^G	Urethral/Vaginal discharges	0	0	1	0	0	2	321	357	17	32	6	5	741
A63 ^G	Other Sexually Transmitted Disease, excludg HIV/AIDS	0	0	0	1	2	0	181	226	10	14	6	7	447
Viral, Protozoal & Helminthic disease														
B01	Chicken Pox	9	10	45	57	419	415	108	59	1	1	3	1	1128
B15	Acute Hepatitis A	1	0	0	0	0	0	1	0	0	0	0	0	2
B16	Acute Hepatitis B	0	0	0	0	0	0	0	0	0	0	0	0	0
B17 ^G	Other Acute Hepatitis (includes Hepatitis C&E)	0	0	0	0	0	0	1	2	0	0	0	0	3
B50	Plasmodium falciparum Malaria	0	0	0	0	0	0	2	0	0	0	1	0	3
B51	Plasmodium Vivax Malaria	0	0	0	0	1	0	4	1	2	0	0	0	8
B53 ^G	Other Malaria	0	0	0	0	0	0	1	0	0	0	0	0	1
B55	Visceral Leishmaniasis (Kala-azar)	0	0	0	0	0	1	2	6	1	1	1	1	13
B65 ^G	Intestinal Worms	3	2	49	50	240	197	583	633	111	119	99	113	2199
B86	Scabies	18	18	130	94	1378	1032	969	704	82	72	123	78	4698
BAZ ^G	Other infections (exclude ear, brain, STI)	83	92	320	290	767	742	885	992	180	150	177	163	4841

Contd/..... Table 3.5 Morbidity Cases Seen by Basic Health Units – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
		Blood diseases												
D00 ^G	Neoplasm (benign + CIS)	0	0	0	1	3	13	42	3	6	0	12	81	
D50 ^G	Nutritional Anaemia	8	2	46	54	158	208	885	2462	288	441	345	489	5386
D55 ^G	Blood & Immune Disorders	0	2	11	20	36	32	112	235	18	34	30	36	566
Endocrine, Metabolic & Nutritional														
E40 ^G	Malnutrition (exclude child clinic attendance)	0	3	3	5	22	21	57	27	1	6	2	7	154
EZZ ^G	Other Nutritional & Metabolic Disorders	6	5	37	40	236	237	422	515	71	97	77	99	1842
Mental disorders														
F03 ^G	Dementia	0	0	0	0	0	0	1	2	0	0	0	0	3
F10	Mental and behavioral disorders due to alcohol	0	0	0	1	1	29	21	3	4	8	3	70	
F19 ^G	Mental and behavioral disorders due to multiple drug use & other use of psychoactive substances	0	0	0	0	0	7	2	1	0	2	2	14	
F20 ^G	Psychosis	0	0	0	0	0	1	2	0	0	0	0	3	
F31 ^G	Depression	0	0	0	0	0	5	10	1	1	1	1	18	
F40 ^G	Anxiety	0	0	0	0	0	9	4	0	1	1	1	16	
FZZ ^G	Other Mental Disorders	1	0	0	1	6	9	51	83	6	12	10	8	187
Disease of Nervous system														
G00 ^G	Meningitis/Encephalitis	0	1	1	0	0	1	3	5	0	1	0	0	12
GZZ ^G	Other Nervous including Peripheral Disorders	35	36	210	247	2781	3192	9975	19699	2112	2969	2249	2919	46424
Eye & Ear Diseases														
H10	Conjunctivitis	127	121	264	283	966	984	1785	2600	444	555	662	981	9772
H52 ^G	Disorders of Refraction & Accommodation (Refractive Error in the Eye)	2	5	1	3	6	7	23	35	12	5	14	22	135
H2Z ^G	Other Eye Disorders	147	154	317	292	1452	1686	3615	5771	1032	1447	1839	2427	20179

Contd/..... Table 3.5 Morbidity Cases Seen by Basic Health Units – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
H65 ^G	Otitis Media	91	110	361	313	1025	870	807	952	106	111	97	159	5002
H90 ^G	Other Ear Disorders	14	25	131	156	693	736	755	897	103	105	132	126	3873
Diseases of Circulatory System														
I10 ^G	Hypertension	0	0	0	0	7	10	1029	1542	578	678	824	949	5617
I88 ^G	Bubo	0	0	0	0	0	0	1	2	0	0	1	1	5
IZZ ^G	Other Circulatory Diseases	11	14	36	41	274	294	813	1360	184	236	199	216	3678
Respiratory Diseases														
J00	Common Cold	2733	2797	7803	8243	16513	17616	22828	29006	3773	3951	4350	4613	124226
J02 ^G	Acute Pharyngitis/ Tonsillitis	78	115	495	608	3563	4376	5928	8410	749	855	707	764	26648
J12 ^G	Pneumonia	629	660	1350	1270	207	181	45	66	11	9	14	24	4466
J45	Asthma	9	16	26	19	6	11	18	32	20	26	26	33	242
JZZ ^G	Other Respiratory & Nose Diseases	330	308	837	855	2620	2929	4992	6252	943	963	1212	1298	23539
Diseases of the Digestive system														
K00 ^G	Diseases of Teeth & Gums	5	10	121	118	1067	1114	1691	2191	342	349	342	365	7715
K02	Dental Caries	0	0	111	142	1120	1203	1780	2619	414	464	538	538	8929
K20 ^G	Peptic Ulcer Syndrome	1	3	50	66	826	1308	6779	9036	1398	1712	1420	1984	24583
K70	Alcoholic Liver Disease	0	0	0	0	0	2	63	44	26	30	26	11	202
KZZ ^G	Other Diseases of the Digestive System	229	246	1218	1316	4321	4951	8733	11575	1621	1827	2156	2391	40584
Diseases of the Skin and Subcutaneous Tissue														
L00 ^G	Skin Infections	520	493	2348	2253	7471	6827	9030	8363	1141	998	1219	1006	41669
LZZ ^G	Other Disorders of Skin and Subcutaneous tissue	634	666	2329	2295	6919	6881.2	10051	11231	1529	1542	1837	1754	47668

Contd/..... Table 3.5 Morbidity Cases Seen by Basic Health Units – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
		Diseases of Musculo-skeletal system & Cogenital Deformities												
M00 ^G	Arthritis & Arthrosis	1	1	7	5	123	87	1286	1435	527	633	707	726	5538
MZZ ^G	Other Musculo-Skeletal Disorders	12	8	68	70	1234	1235	9674	11338	2748	3158	3730	3820	37095
Diseases of Genito-Urinary diseases														
N61 ^G	Infections of the Breast, Including Puerperium	0	0	0	0	0	0	0	124	0	1	0	0	125
N62 ^G	Other diseases of the Breast	0	0	0	0	4	15	16	579	3	12	4	5	638
N91 ^G	Menstrual Disturbances	0	0	0	0	0	46	0	1394	0	72	0	14	1526
NZZ ^G	Other Kidney, UT/Genital Disorders	9	10	131	130	414	553	2167	7480	438	904	519	631	13386
Pregnancy, Childbirth and Puerperium														
O00 ^G	Abortions	0	0	0	0	0	0	0	83	0	0	0	0	83
O13 ^G	Pregnancy Induced Hypertension	0	0	0	0	0	0	0	11	0	0	0	0	11
O20 ^G	Ante-Partum Haemorrhage & Placenta Previa	0	0	0	0	0	0	0	9	0	0	0	0	9
O32	Malpresentation	0	0	0	0	0	0	0	4	0	0	0	0	4
O63	Prolonged Labour	0	0	0	0	0	0	0	32	0	0	0	0	32
O64 ^G	Obstructed Labour	0	0	0	0	0	0	0	4	0	0	0	0	4
O72	Post-Partum Haemorrhage	0	0	0	0	0	0	0	6	0	0	0	0	6
O73	Retained Placenta	0	0	0	0	0	0	0	8	0	0	0	0	8
O85 ^G	Puerperal Sepsis	0	0	0	0	0	0	0	4	0	0	0	0	4
OZZ ^G	Other Complications of Pregnancy	0	0	0	0	0	0	0	243	0	0	0	0	243

Contd/ Table 3.5 Morbidity Cases Seen by Basic Health Units – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Certain Conditions Originating in the Perinatal Period														
P05	Low Birth Weight	6	6	0	0	0	0	0	0	0	0	0	0	12
P95	Foetal Death & Stillbirth	1	2	0	0	0	0	0	0	0	0	0	0	3
P96	Neonatal Death	3	0	0	0	0	0	0	0	0	0	0	0	3
PZZ ⁶	Conditions Originating in the Perinatal period	3	4	0	0	0	0	0	0	0	0	0	0	7
Congenital Malformations, Deformations and Chromosomal abnormalities														
Q36 ⁶	Oro-facial Clefts	0	0	0	0	0	0	0	0	0	0	0	0	0
QZZ ⁶	Other Malformations	1	0	0	0	1	0	1	0	1	0	0	0	4
Injury, Poisoning and certain other consequences of External Causes														
T65	Mushroom Poisoning (Toxic effect of other unspecified substances)	0	0	2	2	9	11	44	22	3	4	5	2	104
V01 ⁶	Transport Accidents	2	0	7	7	26	12	181	62	18	7	12	6	340
W00 ⁶	Accidental Falls	10	10	166	120	734	323	816	478	124	109	148	107	3145
W50 ⁶	Other Bites and Sting (excluding dog bite)	8	7	103	90	350	270	532	553	118	96	104	100	2331
W54	Dog Bites	2	4	140	109	587	402	765	599	151	137	159	101	3156
W65 ⁶	Drowning & Submersion	0	0	0	1	3	5	6	14	2	1	2	0	34
W85 ⁶	Exposure to Electric Current	0	0	8	0	6	4	19	5	2	1	2	0	47

Contd/..... Table 3.5 Morbidity Cases Seen by Basic Health Units

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
		X00 ^G	Contact with Heat & Hot substances & exposure to smoke, fire, flames	16	22	144	130	192	144	288	297	49	41	
X20	Snake Bite	1	4	1	2	2	1	43	26	6	5	7	3	101
X21 ^G	Contact with Venomous animals (excluding Snake bite)	1	0	6	4	8	8	13	13	2	2	3	3	63
X40 ^G	Accidental Poisoning by and Exposure to Noxious substances	0	0	5	0	4	2	14	11	3	1	2	0	42
X60 ^G	Intentional Self-harm by Poisoning	0	0	0	1	2	0	8	23	0	1	0	1	36
X71	Intentional Self-harm by Drowning & Submersion	0	0	0	0	1	0	2	2	0	0	0	0	5
X90	Assault by Poisoning (includes homicidal poisoning)	0	0	1	0	0	1	4	5	0	1	0	0	12
X92	Assault by Drowning and Submersion	0	0	0	0	0	1	1	1	1	0	0	1	5
XZZ ^G	Other Intentional Self-harm	0	0	3	1	14	6	77	36	10	7	6	2	162
Y96	Work Related Injuries	14	13	168	130	2056	1044	7882	3459	1095	573	926	470	17830
YYY ^G	Others (injuries other than above & unknown cause of injury)	16	24	387	269	2135	1133	3180	1760	445	308	392	270	10319

Contd/..... Table 3.5 Morbidity Cases Seen by Basic Health Units – 2016

Code#	Name of Diseases	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Other Conditions														
YZZ ⁶	Complications of Health Care	7	17	22	28	68	51	163	329	31	23	20	25	784
ZZZ ⁶	ANC, Immunization & Other Counselling	1414	1630	2374	2390	1611	1949	4238	17058	828	1074	756	745	36067
	Total	7943	8288	24688	24645	68113	68464.2	131404	179920	24646	27745	29396	31855	627107
Total Old Cases all causes														
ZZZZ	Total Old Cases all causes	195507												

Table 3.6 Case Load by Health Facilities - 2016

Sl.#	Facility Name	Case type		Total
		New	Old	
Bumthang				
1	Bumthang Hospital	22603	7527	30130
2	Chokor BHU	2830	76	2906
3	Chumey BHU	8457	160	8617
4	Dhur BHU	1006	87	1093
5	Tang BHU	5616	108	5724
6	Ura BHU	3885	69	3954
Chhukha				
7	Arikha BHU			
8	Baikunza Sub-Post	776	80	856
9	Bongo BHU	2909	801	3710
10	Chapchha BHU	2398	683	3081
11	Chhukha BHU I	7442	5678	13120
12	Chong Geykha BHU	13971	1927	15898
13	Darla BHU	6877	2598	9475
14	Doongna BHU	3937	319	4256
15	Gedu Hospital	24687	231	24918
16	Getana BHU	4475	137	4612
17	Khatikha BHU I	3300	1629	4929
18	Loggchina BHU	2339	1232	3571
19	Metakha BHU	1818	415	2233
20	Phuentsholing Hospital	73510	8272	81782
21	Rangaytung BHU	2452	316	2768
22	Sinchula BHU	2838	834	3672
23	Tashigatshel RBP MI Room	2184	324	2508
24	Tsimalakha Hospital	10630	7439	18069
Dagana				
25	Akhochen BHU	1920	1056	2976
26	Dagana BHU I	10595	3311	13906
27	Dagapela Hospital	7219	12575	19794
28	Drukjeygang BHU	6191	2094	8285
29	Jurugang BHU	1766	320	2086
30	Khagochen BHU	3683	527	4210
31	Lagyab BHU	1544	109	1653
32	Lhamoizingkha BHU I	10350	5884	16234
33	Nyimtola BHU	1948	299	2247
34	Tsangkha BHU	3354	1034	4388

Contd/...Table 3.6 Case Load by Health Facilities - 2016

Sl.#	Facility Name	Case Type		Total
		New	Old	
Gasa				
35	Damji BHU	2621	837	3458
36	Gasa BHU I	3179	701	3880
37	Laya BHU	1439	425	1864
38	Lunana BHU	545	43	588
Haa				
39	Bali BHU I	10668	4828	15496
40	Bebji Sub-post	61	12	73
41	Dorithasa BHU	866	1263	2129
42	Haa IMTRAT Hospital	16638	10924	27562
43	Ngetshena BHU	594	391	985
44	Sangbay BHU	2578	2354	4932
45	Yangthang BHU	1427	1137	2564
Lhuentse				
46	Autsho BHU	5405	1674	7079
47	Dangling BHU	989	196	1185
48	Dungkar BHU	1575	641	2216
49	Ganglakhema BHU	575	205	780
50	Gortshom BHU	946	1291	2237
51	Khoma BHU	3854	719	4573
52	Ladrong BHU	1119	381	1500
53	Lhuentse Hospital	3517	9674	13191
54	Minjey BHU	3918	509	4427
55	Ney BHU	956	192	1148
56	Patpachhu BHU	2259	666	2925
57	Tagmachhu BHU	4179	1358	5537
58	Thimyul BHU	1583	661	2244
59	Tsaenkhar BHU	2032	1001	3033
60	Zangkhar BHU	644	308	952
Monggar				
61	Baanjar BHU	517	120	637
62	Balam BHU	3280	334	3614
63	Boompazor BHU	1323	357	1680
64	Chagsakhar BHU	4289	1520	5809
65	Chhaling BHU	3389	927	4316
66	Daagsa BHU	1878	299	2177
67	Dramedtse BHU	6429	704	7133
68	Ganglapong BHU	499	243	742
69	Gyalpoizhing BHU I	11408	4437	15845
70	Jurmed BHU	2863	430	3293
71	Kengkhar BHU	4106	449	4555
72	Lingmethang BHU	9058	1908	10966
73	Monggar ERR Hospital	13890	40538	54428

Contd/...Table 3.6 Case Load by Health Facilities - 2016

Sl.#	Facility Name	Case Type		Total
		New	Old	
74	Muhoong Sub-Post	890	440	1330
75	Nagor BHU	1563	206	1769
76	Narang BHU	2158	380	2538
77	Ngatshang BHU	1643	789	2432
78	Pangthang Sub-Post	557	200	757
79	Resa Sub-Post	324	70	394
80	Senggor BHU	741	168	909
81	Serzhong BHU	2734	423	3157
82	Silambi Sub-Post	804	457	1261
83	Tagkhambi Sub-Post	802	416	1218
84	Thangrong BHU	3711	843	4554
85	Tongla Sub-Post	1197	171	1368
86	Tsakaling BHU	3286	1565	4851
87	Tsamang BHU	1252	442	1694
88	Yadi BHU	4728	1383	6111
89	Yangbari BHU	2791	734	3525
Paro				
90	Bueltikha BHU	6641	2384	9025
91	Dawakha BHU	4621	2352	6973
92	Drugyal BHU	8124	3865	11989
93	Paro Hospital	86486	23653	110139
Pema Gatshel				
94	Borangma Sub-Post	803	248	1051
95	Chhimoong BHU	1282	340	1622
96	Chhoekhorling BHU	1296	1503	2799
97	Chongshing Sub-Post	923	279	1202
98	Dechhenling BHU	5020	1498	6518
99	Dungmaed BHU	1401	344	1745
100	Gonpa Singma BHU	1824	986	2810
101	Khangma Sub-Post	1642	346	1988
102	Mikuri Sub-Post	767	80	847
103	Nanong BHU	3672	1683	5355
104	Naskhar Sub-Post	351	131	482
105	Nganglam BHU I	11682	7281	18963
106	Norboogang BHU	1819	640	2459
107	Pemagatshel Hospital	13160	7367	20527
108	Pretengma BHU	1267	720	1987
109	Shali Sub-Post	1308	626	1934
110	Thongsa Sub-Post	1090	309	1399
111	Thrumchung BHU	537	207	744
112	Tshatshi BHU	2398	769	3167
113	Yurung BHU	4239	2515	6754

Contd/...Table 3.6 Case Load by Health Facilities - 2016

Sl.#	Facility Name	Case Type		Total
		New	Old	
Punakha				
114	Goenshari BHU	699	174	873
115	Kabisa BHU	7329	1097	8426
116	Norbugang BHU	2243	516	2759
117	Punakha Hospital	14675	35944	50619
118	Samadingkha BHU	5259	1441	6700
119	Shelnga BHU	2562	1424	3986
120	Thinleygang BHU	6422	1437	7859
121	Tshochasa BHU	1188	581	1769
Samdrup Jongkhar				
122	Dewathang RBA Hospital	16017	4418	20435
123	Gomdar BHU I	6531	2420	8951
124	Jomotsangkha BHU I	7214	2951	10165
125	Lauri BHU	1266	400	1666
126	Maenjiwoong BHU	2894	810	3704
127	Martshala BHU	4985	394	5379
128	Orong BHU	7126	1526	8652
129	Pemathang BHU	3851	1201	5052
130	Samdrup Jongkhar Hospital	23816	7331	31147
131	Samdrupchhoeling BHU I	12920	2766	15686
132	Wangphoog BHU	4800	2958	7758
133	Zangthi BHU	1279	269	1548
Samtse				
134	Bara BHU	3605	2621	6226
135	Chengmari BHU	4817	769	5586
136	Doongtoed BHU	3455	1150	4605
137	Dorokha BHU	9954	1967	11921
138	Duenchukha BHU	4151	2480	6631
139	Ganthog BHU	2494	118	2612
140	Gomtu Hospital	12468	8812	21280
141	Panbari BHU	5513	891	6404
142	Pemaling BHU	1605	293	1898
143	Samtse Hospital	26339	27049	53388
144	Sangngag Chhoeling BHU	3661.2	746	4407.2
145	Sengteng BHU	5808	984	6792
146	Sibsoo Hospital	4433	11801	16234
147	Tendruk BHU	13370	1818	15188
148	Ugyentse BHU	3059	649	3708
149	Yoeseltse BHU	5196	1281	6477

Contd/...Table 3.6 Case Load by Health Facilities - 2015

Sl.#	Facility Name	Case Type		Total
		New	Old	
Sarpang				
150	Chhuzaggang BHU I	11691	4226	15917
151	Chokhorling BHU	10120	6295	16415
152	Gelegphu CRR Hospital	108637	52213	160850
153	Gongdara BHU	2172	642	2814
154	Jangchubling BHU	6400	855	7255
155	Jigme Chhoeling BHU	4242	5377	9619
156	Jigmedling BHU	2970	1489	4459
157	Lhayul BHU	3096	712	3808
158	Norbuling BHU	10587	8169	18756
159	Phibsoo BHU	347	55	402
160	Sarpang Hospital	14124	11850	25974
161	Sarpangsheer BHU	1046	1094	2140
162	Seng Gey BHU	2660	757	3417
163	Taraythang BHU	1005	240	1245
164	Umling BHU	7045	2699	9744
Thimphu				
165	Barshong BHU	386	68	454
166	Chamgang BHU	2206	713	2919
167	Chamgang RBP BHU	1062	1003	2065
168	Changjiji Satellite Clinic	9038	4512	13550
169	CHU JDWNRH	2054	598	2652
170	Dechhencholing BHU I	12315	7548	19863
171	Genyenka BHU	1917	707	2624
172	Gidakom Hospital	13065	10550	23615
173	Hongtsho BHU	2342	1693	4035
174	IBF IMTRAT Hospital	42902	26986	69888
175	JDWNR Hospital	12505	497604	510109
176	Jungshina Satellite Clinic	11089	3922	15011
177	Kuzhugchen BHU	1750	574	2324
178	Lingzhi BHU	755	482	1237
179	Lungtenphu RBA Hospital	51244	32052	83296
180	Motithang Satellite Clinic	13289	4129	17418
181	RBP HQ Clinic	8691	1676	10367
182	Soe BHU	451	33	484
Trashigang				
183	Bartsham BHU I	5268	2280	7548
184	Bidoong BHU	2051	903	2954
185	Bikhar BHU	5177	2068	7245
186	Chaling BHU	1834	389	2223

Contd/...Table 3.6 Case Load by Health Facilities - 2016

Sl.#	Facility Name	Case Type		Total
		New	Old	
187	Chhangmi BHU	2548	768	3316
188	Joenkhar Sub-Post	870	208	1078
189	Kanglung BHU I	8812	10436	19248
190	Kangpar BHU	3163	1423	4586
191	Khaling BHU I	5310	2503	7813
192	Lumang BHU	900	268	1168
193	Merag BHU	1935	2156	4091
194	Passaphoog Sub-Post	700	285	985
195	Phegpari Sub-Post	1564	379	1943
196	Phongmed BHU	3768	1313	5081
197	Radi BHU	3109	2680	5789
198	Rangjoong BHU I	10658	5758	16416
199	Riserboo Hospital	9260	5903	15163
200	Sagteng BHU	3768	278	4046
201	Thongrong Sub-Post	590	346	936
202	Thoongkhar BHU	1284	572	1856
203	Trashigang Hospital	20571	15503	36074
204	Tsangpo BHU I	4811	1682	6493
205	Udzorong BHU	4646	1091	5737
206	Yabrang BHU	1768	563	2331
207	Yangnyer BHU	5765	1019	6784
208	Yonphoogla IMTRAT Hospital	8549	0	8549
Trashiyangtse				
209	Dungzam BHU	3000	624	3624
210	Jamkhar BHU	1934	656	2590
211	Jangphutse Sub-Post	806	357	1163
212	Khamdang BHU I	8163	2885	11048
213	Khi Nyel BHU	2209	714	2923
214	Melongkhar BHU	508	30	538
215	Rabtay Sub-Post	879	654	1533
216	Ramjar BHU	1930	735	2665
217	Thragom BHU	1478	878	2356
218	Tongmizhangsa BHU	2420	890	3310
219	Yangtse Hospital	8528	6809	15337
Trongsa				
220	Bemji BHU	1460	370	1830
221	Jangbi BHU	1137	272	1409
222	Kella Sub-Post	706	96	802
223	Korphoog BHU	710	145	855
224	Kuengarabten BHU	8504	2120	10624

Contd/....Table 3.6 Case Load by Health Facilities - 2016

Sl.#	Facility Name	Case Type		Total
		New	Old	
225	Nabji Sub-Post	754	184	938
226	Nimshong Sub-Post	588	61	649
227	Tongtophel BHU	7814	1791	9605
228	Trashiling BHU	5701	1526	7227
229	Trongsa Hospital	11471	6932	18403
Tsirang				
230	Barshong BHU	2810	511	3321
231	Damphu Hospital	29532	12216	41748
232	Doonglagang BHU	3814	2052	5866
233	Mendrelgang BHU	6249	2028	8277
234	Pungtenchhu BHU	1445	599	2044
235	Semjong BHU	3028	636	3664
236	Sergithang BHU	4500	1135	5635
237	Tsirang Toed BHU	5765	3236	9001
Wangdue Phodrang				
238	Dangchhu BHU	3400	733	4133
239	Esa BHU I	12327	4019	16346
240	Gaselo BHU	5373	1150	6523
241	Jala Ula BHU	2939	445	3384
242	Kamichhu BHU	7296	814	8110
243	Khotokha Sub-Post	1042	582	1624
244	Lopokha Sub-Post	493	101	594
245	Saephoog BHU	6562	2514	9076
246	Samtengang BHU	7813	1703	9516
247	Teki Agona BHU	2434	622	3056
248	Uma BHU	1247	192	1439
249	Wangdue Hospital	37767	27232	64999
250	Wangdue RBA Hospital	8444	1915	10359
Zhemgang				
251	Bjoka BHU	2466	590	3056
252	Buli BHU	3853	673	4526
253	Gongphu BHU	1378	509	1887
254	Goshing BHU	2760	1545	4305
255	Kagtong BHU	800	303	1103
256	Khomshar BHU	2654	811	3465
257	Kradijong BHU	476	169	645

Contd/...Table 3.6 Case Load by Health Facilities - 2016

Sl.#	Facility Name	Case Type		Total
		New	Old	
258	Langdorbi BHU	1000	167	1167
259	Manas BHU	120	50	170
260	Namregang BHU	884	260	1144
261	Panbang BHU I	2128	5071	7199
262	Pantang BHU	3497	1353	4850
263	Shingkar BHU	2605	406	3011
264	Tshaidang BHU	1768	361	2129
265	Yebilaptsa Hospital	6206	2913	9119
266	Zhemgang BHU I	7164	1977	9141
Total		1586855	1227727	2814582

Table 3.7 Notifiable Disease Report - 2016

Sl.#	Notifiable Disease	Cases
1	Anthrax	30
2	Acute Bloody Diarrhoea	4016
3	Acute Watery Diarrhoea	27505
4	Acute Encephalitis Syndrome	37
5	Acute Flaccid Paralysis	5
6	Acute Haemorrhage fever Syndrome	12
7	Acute Jaundice fever Syndrome	188
8	Acute Respiratory Infection	194157
9	Bacterial Meningitis	86
10	Dengue Fever	248
11	Mumps	795
12	Diphtheria	0
13	Fever with rash	1057
14	Food poisoning	154
15	Malaria	23
16	Pertussis	3
17	Rabies (Human)	15
18	Congenital Rubella Syndrome	0
19	Multi-drug Resistance TB	43
20	Tetanus	1
21	Typhoid/Paratyphoid Fever	934
22	Unusual Diseases or Events	136
23	Severe Acute Respiratory Infections	2788
24	Rickettsioses	260

Table 4: Health service coverage

Table 4.1 Selected health service coverage indicator

Sl. #	Indicators	Year				Source
		2000	2005	2010	2016	
1	Access to safe drinking water (%)	78	83	88	95	NHS,2000; HMIS, MoH
2	Access to safe excreta disposal (%)	90	91	93	96	HMIS, MoH
3	Antenatal care attendance/coverage at least once by skilled health personnel (Numbers)	13910	13818	13123	11994	HMIS, MoH
4	Births by caesarean section (Numbers)	444	1133	1795	2179	HMIS, MoH
5	Children aged 1-5 years who received vitamin A supplementation (%)	NA	NA	45	61519	HMIS, MoH
6	Contraceptive prevalence rate (%)	30.7	57	65.6	65.6	NHS,2000; PHCB, 2005; BMIS, 2010
7	Deliveries attended by skilled health personnel (%)	23.7	49.1	69.5	89*	NHS, 2000; PHCB, 2005; BMIS, 2010; MoH
8	Institutional deliveries (%)	19.8	40.0	63.1	81*	NHS,2000; HMIS, MoH; BMIS, 2010; MoH
9	Immunization coverage (%)	92	95	91	94.4	MoH; EPI Survey 2008
10	Number and distribution of inpatient (IPD) beds (per 10,000 population)	1166	1166	1277	1277	HMIS, MoH
11	Number and distribution of health facilities providing traditional medicine services (per 10,000 population)	[17]	[17]	[18]	[17]	
12	Number of health facilities providing VCT/PICT services	36	37	38	53	HMIS, MoH
13	Number of health facilities providing comprehensive PMTCT package	[1]	[1]	[1]	[1]	
14	Smear-positive Tuberculosis treatment-success rate (%)	30	30	30	48	NACP (DoPH), MoH
15	Tuberculosis (all forms of TB) notification rate (per 100,000 population)	3	6	6	7	NACP (DoPH), MoH
16	Unmet need for family planning (%)	91	93.3	90.1	88	NTCP (DoPH), MoH
		145	168	191	129	NTCP (DoPH), MoH
		NA	NA	11.7	11.7	BMIS, 2010

* Total deliveries attended + trained health personnel + facility X 100
 10000 (1st Visit)

Table 4.2 Antenatal Care (Clinic Attendance) - 2016

Sl.#	District	ANC attendances						
		1st visit			4th visit		8th visit	
		1st trimester	2nd trimester	3rd trimester				
1	Bumthang	118	138	19	262	744		
2	Chhukha	731	342	78	817	1785		
3	Dagana	166	172	14	374	336		
4	Gasa	41	21	4	33	0		
5	Haa	149	140	51	66	41		
6	Lhuentse	131	158	83	291	94		
7	Monggar	292	254	43	530	278		
8	Paro	80	49	13	663	206		
9	Pemagatshel	194	113	47	316	177		
10	Punakha	198	140	26	222	105		
11	Samdrup Jongkhar	231	291	115	544	60		
12	Samtse	423	406	54	705	252		
13	Sarpang	341	226	35	493	311		
14	Thimphu	1051	1357	394	1767	1151		
15	Trashiyangtse	118	155	34	317	186		
16	Trashigang	237	317	68	613	252		
17	Trongsa	176	104	20	220	93		
18	Tsirang	134	119	24	242	184		
19	Wangdue Phodrang	354	464	82	657	523		
20	Zhemgang	133	149	63	116	78		
Total		5298	5115	1267	9297	6856		

Table 4.3 Deliveries Attended by Trained Health Personnel and Post-Natal Care - 2016

Sl.#	District	Deliveries Attended by trained personnel		Assisted (Forceps/ Vacuum) Deliveries	Total Deliveries as per household survey 2015	Post-Natal care (Clinic attendance by mother)				
		Home	Facility			Total	1 st visit	2+ visit	3 rd visit	4 th visit
1	Bumthang	3	132	135	0	349	57	140	163	130
2	Chhukha	31	1063	1094	0	868	830	866	771	851
3	Dagana	14	129	143	0	286	136	187	231	205
4	Gasa	7	8	15	0	66	13	23	31	43
5	Haa	1	66	67	1	146	47	81	93	92
6	Lhuentse	4	104	108	0	221	82	150	139	134
7	Monggar	39	927	966	24	686	414	527	444	421
8	Paro	1	249	250	0	750	147	520	570	498
9	Pemagatshel	11	184	195	0	400	160	200	214	188
10	Punakha	5	281	286	2	365	203	276	324	278
11	Samdrup Jongkhar	9	522	531	1	605	531	384	368	329
12	Samtse	9	499	508	12	922	229	500	524	522
13	Sarpang	9	914	923	0	620	359	505	441	260
14	Thimphu	4	4383	4387	37	209	174	2853	2381	2138
15	Trashiyangtse	5	131	136	6	322	120	179	153	156
16	Trashigang	56	476	532	1	749	211	426	402	349
17	Trongsa	10	86	96	0	279	72	89	144	104
18	Tsirang	4	172	176	0	327	126	205	220	204
19	Wangdue Phodrang	1	283	284	0	656	152	375	374	409
20	Zhemgang	7	109	116	0	34	81	109	131	137
Total		230	10718	10948	84	8860	4144	8595	8118	7448

+ Thimphu and Phuentsholing urban areas are not covered by the Annual Household Survey.

Table 4.4 Nutritional & Vitamin A status of Children Attending Clinics - 2016

Sl. #	District	Child attendances						Children normal (lt/ht for age)	Children normal (wt for age)	Vit A Supplementation/Deworming				
		No. of children 6 mths old		No. of children 0-11 mths old		No. of children 12-59 months old				Children 6-11 months given Vitamin A	Children 12-59 months given Vitamin A	Post-partum mothers given Vitamin A	Children 12-59 months given Deworming	
		New	Old	New	Old	New	Old							
1	Bumthang	49	690	1170	132	2622	49	4275	7031	7320	398	1744	125	1693
2	Chhukha	833	2542	4644	207	7678	19	14667	10677	24083	3634	9119	1040	6372
3	Dagana	91	808	780	141	2453	33	5394	7389	8569	1686	1996	151	1922
4	Gasa	16	47	111	27	392	8	476	695	931	74	244	21	217
5	Haa	317	448	362	252	1268	478	2386	3239	3152	254	1105	68	1133
6	Lhuentse	69	276	527	214	1699	155	3198	5063	5327	263	1203	132	1130
7	Monggar	500	1478	2367	363	5406	16	10837	16130	16791	868	3977	558	3710
8	Paro	39	470	457	297	7680	1	7490	11123	15311	809	4118	288	3694
9	Pemagatshel	20	462	886	177	3271	1	6246	9560	9340	425	2466	203	2200
10	Punakha	116	322	838	33	4001	2	4416	8386	8107	468	1941	347	1860
11	Samdrup Jongkhar	187	1008	1282	415	4010	148	8214	11560	12946	631	3390	440	3183
12	Samtse	152	1956	3038	445	6941	3	14515	16355	22424	1076	6026	547	5556
13	Sarpang	13	565	763	676	5861	2	8836	8155	15355	630	3979	640	3635
14	Thimphu	1761	2267	3345	3698	20117	305	24020	24278	48507	2494	11574	4308	10746
15	Trashiyangtse	41	315	331	152	2358	9	3968	6325	6590	303	1744	189	1811
16	Trashigang	1	964	1769	637	6549	33	10259	17085	16927	947	3966	448	3613
17	Trongsa	73	378	545	71	1803	72	3661	5467	6031	387	1281	98	1194
18	Tsirang	50	352	414	139	3238	4	5847	4167	9116	415	2535	205	2439
19	Wangdue Phodrang	196	1856	2075	82	4517	86	7630	10418	12795	1011	3113	328	3197
20	Zhemgang	92	569	672	182	2116	90	4341	6029	6766	274	1636	130	1466
Total		4616	17773	26376	8340	93980	1514	150676	189132	256388	17047	67157	10266	60771

Table 4.5 Immunization Status by Districts - 2016

Sl.#	District	Antigen				
		BCG	Measles	OPV 0	OPV 3	DPT-Hep B 3
1	Bumthang	133	311	132	289	286
2	Chhukha	1101	1072	1081	999	1013
3	Dagana	228	337	213	348	348
4	Gasa	13	39	14	54	54
5	Haa	68	137	68	151	151
6	Lhuentse	124	210	107	223	231
7	Monggar	983	637	887	661	660
8	Paro	274	655	271	678	679
9	Pemagatshel	213	364	209	330	331
10	Punakha	277	404	266	397	398
11	Samdrup Jongkhar	482	520	438	556	561
12	Samtse	561	909	613	888	889
13	Sarpang	702	649	673	623	623
14	Thimphu	4218	2444	4153	2253	2267
15	Trashiyangtse	169	279	238	269	265
16	Trashigang	595	725	557	695	695
17	Trongsa	111	264	99	246	246
18	Tsirang	222	325	203	310	328
19	Wangdue Phodrang	285	654	248	632	661
20	Zhemgang	167	302	168	274	271
Total		10926	11237	10639	10876	10957

Table 4.6 Family Planning Methods by Districts - 2016

Sl. #	District	New IUD Inserted	Oral pills (No. of Cycles issued)	DMPA (No. Injected)	Vasectomy*	Tubectomy*	No. of Condom issued (In pieces)
1	Bumthang	14	2145	2278	72	132	48497
2	Chhukha	112	8711	7704	378	381	83099
3	Dagana	73	7187	2531	328	133	21379
4	Gasa	0	164	602	28	20	8812
5	Haa	4	1630	1265	127	123	18139
6	Lhuentse	3	2658	1650	198	102	30416
7	Monggar	147	3241	7110	454	307	105662
8	Paro	19	2797	5064	368	882	114628
9	Pemagatshel	4	2304	2667	323	123	39326
10	Punakha	18	2975	3019	253	320	47895
11	Samdrup Jongkhar	28	3411	5015	212	252	39138
12	Samtse	47	11734	7719	1520	572	75636
13	Sarpang	248	10218	6041	453	553	54341
14	Thimphu	429	7007	9955	123	172	135178
15	Trashiyangtse	45	1508	2286	98	105	28821
16	Trashigang	264	4516	6485	406	322	81410
17	Trongsa	45	1964	2225	100	97	28231
18	Tsirang	18	3592	4151	332	234	32859
19	Wangdue Phodrang	61	3896	4563	425	310	63553
20	Zhemgang	30	1979	2865	1	9	37270
Total		1609	83637	85195	6199	5149	1094290

Note:

*Cumulative figures, collected from Annual Household Survey.

Oral pills = 1 user is equal to 13 cycles or 12 cycles

DMPA = 1 user is equal to 4 injections

Table 4.7 Hospital Admission & Average Length of Stay - 2016

Sl.#	District	Hospital Admissions						Average length of stay	BHU Admission
		Total admission	Discharged	Deaths	Absconded	Patient days			
1	Bumthang	780	609	12	2	2836	4.6	53	
2	Chhukha	4928	4311	65	6	19178	4.4	260	
3	Dagana	1495	1070	143	7	11826	9.7	927	
4	Gasa	84	70	3	0	109	1.5	84	
5	Haa	524	425	9	0	695	1.6	133	
6	Lhuentse	812	594	10	0	2438	4.0	391	
7	Monggar	4840	4768	167	8	25998	5.3	1655	
8	Paro	2756	2536	31	4	8115	3.2	77	
9	Pemagatshel	1917	1644	14	4	6324	3.8	708	
10	Punakha	1958	1825	12	10	5378	2.9	244	
11	Samdrup Jongkhar	3151	2634	28	11	11238	4.2	1245	
12	Samtse	3438	2953	62	10	15614	5.2	842	
13	Sarpang	4320	3737	112	9	16295	4.2	417	
14	Thimphu	18458	17477	691	22	117425	6.5	86	
15	Trashiyangtse	930	936	13	3	3760	3.9	623	
16	Trashigang	4681	4123	62	28	18190	4.3	493	
17	Trongsa	882	709	15	4	2628	3.6	169	
18	Tsirang	1603	1578	23	1	6086	3.8	280	
19	Wangdue Phodrang	2752	2213	39	6	7921	3.5	285	
20	Zhemgang	1591	1481	11	5	4991	3.3	856	
Total		61900	55693	1522	140	287045	5.0	9828	

Table 4.8 Laboratory Tests by Districts - 2016

Sl.#	District	Haemoglobin	Blood	Malaria	TB	Urine	Stool	HIV	Pap smear	Pap smear
		Levels	grouping	slides	Sputum	e	f	g	collected: without	examined: with
		a	b	c	d	e	f	g	h	i
1	Bumthang	2751	671	22	360	1912	92	801	394	879
2	Chhukha	27457	4547	2316	5031	26916	627	4499	3909	1987
3	Dagana	4423	832	1157	319	5698	61	838	627	8
4	Gasa	281	56	1	11	226	7	50	85	19
5	Haa	4172	1064	164	128	9727	365	590	283	7
6	Lhuentse	2475	462	6	124	1662	12	559	216	508
7	Monggar	13663	4507	193	1130	21601	1342	3260	1589	2501
8	Paro	12749	3813	413	1500	23159	456	2000	1337	1608
9	Pemagatshel	4551	915	1272	413	6022	37	907	2566	784
10	Punakha	6919	1106	100	422	8698	150	1382	654	51
11	Samdrup Jongkhar	10937	1684	3715	847	7975	110	2188	680	1182
12	Samtse	13248	6791	3343	748	7532	488	1899	2600	1354
13	Sarpang	24205	6476	10545	1352	19263	637	3628	2322	4620
14	Thimphu	139094	110192	3083	15352	91953	5309	33035	13250	9949
15	Trashiyangtse	3352	1113	51	182	3310	489	448	501	0
16	Trashigang	8978	2115	309	602	13134	240	1630	1074	599
17	Trongsa	1696	704	177	735	2943	276	1500	705	663
18	Tsirang	7966	1439	438	269	7793	800	2322	1737	748
19	Wangdue Phodrang	11065	1406	479	381	6609	1213	2222	953	353
20	Zhemgang	2880	844	439	97	3189	58	962	634	7
Total		302862	150737	28223	30003	269322	12769	64720	36116	27827

Table 4.9 Surgeries by Districts - 2016

Sl.#	District	Caesarean section	General		Orthopaedic		Gynaecology	ENT	Eye
			Abdominal	Others	Extremities	Others			
1	Bumthang	0	0	0	0	0	12	0	35
2	Chhukha	282	28	2341	0	236	174	5	32
3	Dagana	0	0	0	0	0	0	0	0
4	Gasa	0	0	0	0	0	0	0	0
5	Haa	4	10	330	23	2	15	37	0
6	Lhuentse	0	0	0	0	0	0	0	7
7	Monggar	519	64	222	294	12	160	2	83
8	Paro	5	115	4	0	0	0	0	174
9	Pemagatshel	0	0	13	0	0	25	0	0
10	Punakha	1	0	0	0	0	1	0	0
11	Samdrup Jongkhar	111	152	3503	241	20	3	1104	12
12	Samtse	0	0	7	563	445	0	0	1096
13	Sarpang	195	357	67	23	2	273	1	69
14	Thimphu	1063	1570	2925	1411	452	1909	705	3678
15	Trashiyangtse	0	0	0	0	0	0	0	0
16	Trashigang	69	12	1	4	3	37	0	230
17	Trongsa	0	0	0	0	0	0	0	0
18	Tsitrang	0	0	0	0	0	0	0	0
19	Wangdue Phodrang	2249	68	1149	331	39	90	92	27
20	Zhemgang	0	2376	24	2890	1211	2699	1946	5443
Total		4498	4752	10586	5780	2422	5398	3892	10886

Table 4.10 Selected Diagnostic Services by Districts - 2016

Sl.#	District	X-ray			Ultrasound		
		Chest	Extremities	Others	Gyn/Obs	Abdomen	Others
1	Bumthang	674	530	202	1063	931	246
2	Chhukha	3280	2125	1098	5524	5253	263
3	Dagana	605	603	226	511	551	36
4	Gasa	0	0	0	0	0	0
5	Haa	507	399	696	772	518	107
6	Lhuentse	99	104	25	498	224	
7	Monggar	2542	1644	735	3628	2991	831
8	Paro	1739	1529	712	3925	3929	847
9	Pemagatshel	900	448	306	581	730	39
10	Punakha	942	647	294	2177	2067	367
11	Samdrup Jongkhar	1166	713	287	1770	2485	161
12	Samtse	808	865	329	2496	1749	476
13	Sarpang	3236	1562	772	3237	3221	536
14	Thimphu	19504	12150	8465	14099	15169	6880
15	Trashiyangtse	415	230	179	165	59	108
16	Trashigang	1691	694	524	1316	1411	153
17	Trongsa	700	469	171	1131	781	102
18	Tsirang	503	419	132	1246	1319	171
19	Wangdue Phodrang	1669	1268	499	3100	2960	231
20	Zhemgang	193	281	118	115	0	0
Total		41173	26680	15770	47354	46348	11554

Table 4.11 Dental Services by Districts - 2016

Sl.#	District	Dental Services				
		Prophylaxis	Scaling	Fillings	Extractions	Others
1	Bumthang	3	110	1237	1809	2504
2	Chhukha	202	42	3757	4194	6538
3	Dagana	173	53	1356	1055	1346
4	Gasa	8	24	61	151	89
5	Haa	134	96	868	918	1094
6	Lhuentse	27	7	337	635	846
7	Monggar	164	67	1830	2296	4064
8	Paro	286	36	3825	2838	4023
9	Pemagatshel	136	0	1077	708	1458
10	Punakha	211	7	875	1767	2574
11	Samdrup Jongkhar	971	36	881	1965	1767
12	Samtse	157	21	1083	2173	3256
13	Sarpang	216	83	3573	3527	8080
14	Thimphu	3362	487	20311	44411	5362
15	Trashiyangtse	64	423	1160	621	821
16	Trashigang	421	47	4205	3422	4325
17	Trongsa	112	15	792	875	846
18	Tsirang	90	0	829	1128	1684
19	Wangdue Phodrang	2001	175	2161	2397	2532
20	Zhemgang	861	106	866	734	232
Total		9599	1835	51084	77624	53441

Table 4.12 Facility Wise Selected Services – 2016

Sl.#	Facility Name	Trained Delivery		Vaccination Services				Family Planning				
		Home	Facility	BCG	OPV3	DPT - HepB - Hib 3	Measles	Oral Pills (cycles)	DMPA (Injected)	Current IUD	User	Tubectomy
Bumthang												
1	Bumthang Hospital	0	115	90	143	143	165	964	928	93	70	50
2	Chokor BHU	0	1	8	28	28	20	236	237	2	8	2
3	Chumey BHU	2	7	12	52	52	49	485	528	4	29	10
4	Dhur	0	3	0	16	10	12	142	84	1	3	1
5	Tang BHU	0	4	12	30	30	42	78	314	1	11	4
6	Ura BHU	1	2	11	20	23	23	240	187	6	11	5
Chhukha												
7	Arikha BHU	0	0	0	0	0	0	0	0	0	2	1
8	Baikunza Sub-Post	0	0	0	1	1	1	6	24	0	0	2
9	Bongo BHU	0	2	5	10	10	8	109	86	1	3	7
10	Chapchha BHU	0	2	5	11	11	24	240	264	1	0	0
11	Chhukha BHU I	1	19	23	51	51	48	354	414	35	67	57
12	Chong Geykha BHU	0	1	16	32	32	40	645	556	1	24	32
13	Darla BHU	0	16	30	55	55	56	820	506	7	35	24
14	Doongna BHU	3	0	7	21	21	16	154	228	3	6	19
15	Gedu Hospital	7	74	50	81	81	71	622	529	19	83	27
16	Getana BHU	5	11	17	33	33	42	88	154	0	7	12
17	Khatikha BHU I	0	8	9	16	16	11	259	109	1	9	4
18	Loggchina BHU	1	11	13	25	25	22	485	342	1	20	30

* Data from Catchment Areas

Contd/ ... Table 4.12 Facility Wise Selected Services - 2016

Sl.#	Facility Name	Trained Delivery		Vaccination Services						Family Planning				
		Home	Facility	BCG	OPV3	DPT- HepB - Hib 3	Measles	Oral Pills (cycles)	DMPA (Injected)	Current IUD	User	Tubectomy	Vasectomy	
19	Metakha BHU	2	0	3	13	13	17	81	143	0	3	1		
20	Phuentsholing Hospital	12	888	869	546	546	586	2679	3074	46	34	80		
21	Rangaytung BHU	0	0	4	3	17	21	610	277	0	10	22		
22	Sinchula BHU	0	2	15	38	38	37	845	292	1	39	35		
23	Tashigatshel RBP MI Room	0	0	0	0	0	0	126	152	0	0	0		
24	Tsimalakha Hospital	0	29	35	63	63	72	588	554	25	39	25		
Dagana														
25	Akhochen BHU	0	4	14	20	20	23	338	134	11	3	1		
26	Dagana BHU I	0	9	25	53	53	60	346	291	30	55	102		
27	Dagapela Hospital	8	59	74	104	104	104	2038	741	0	3	2		
28	Drukjeygang BHU	1	8	32	37	36	31	1208	161	5	16	37		
29	Jurugang BHU	3	1	8	20	20	11	353	103	0	6	38		
30	Khagochen BHU	2	9	10	34	35	21	857	266	0	9	10		
31	Lagyab BHU	0	0	3	7	7	13	468	183	0	9	41		
32	Lhamoizingkha BHU I	0	33	38	51	51	51	1082	445	3	23	84		
33	Nyimtola BHU	0	3	3	7	7	6	141	119	8	3	3		
34	Tsangkha BHU	0	3	21	15	15	17	356	88	2	6	10		

Contd/ Table 4.12 Facility Wise Selected Services – 2016

Sl.#	Facility Name	Trained Delivery		Vaccination Services					Family Planning				
		Home	Facility	BCG	OPV3	DPT- HepB - Hib 3	Measles	Oral Pills (cycles)	DMPA (Injected)	Current IUD User	Tubectomy	Vasectomy	
Gasa													
35	Damji BHU	0	1	3	7	7	4	8	80	6	4	3	
36	Gasa BHU I	0	6	7	33	33	24	105	199	1	0	0	
37	Laya BHU	1	1	2	9	9	7	13	255	8	16	25	
38	Lunana BHU	6	0	1	5	5	4	38	68	0	0	0	
Haa													
39	Bali BHU I	0	52	53	79	79	97	836	595	18	77	82	
40	Bebji Sub-Post	0	0	0	0	0	0	3	1	0	0	0	
41	Dorithasa BHU	1	1	4	13	13	12	214	141	0	3	6	
42	Haa IMTRAT Hospital	0	3	1	0	0	0	0	0	0	0	0	
43	Ngetshena BHU	0	0	0	3	3	2	102	33	0	1	7	
44	Sangbay BHU	0	0	3	13	13	12	220	219	1	7	5	
45	Yangthang BHU	0	10	7	43	43	14	255	276	10	35	27	
Lhuentse													
46	Autsho BHU	0	2	3	15	15	14	58	126	0	4	9	
47	Dangling BHU	0	0	3	11	11	10	19	33	5	3	6	
48	Dungkar BHU	0	1	4	6	6	11	160	72	1	11	29	
49	Ganglakhema BHU	0	0	4	12	12	6	251	35	9	1	10	
50	Gortshom BHU	0	3	10	20	20	22	178	94	9	10	9	
51	Khoma BHU	0	1	6	18	17	10	216	173	25	11	8	
52	Ladrong BHU	1	7	4	6	6	18	43	59	0	0	11	
53	Lhuentse Hospital	0	67	31	31	31	35	476	234	14	21	15	
54	Minjey BHU	0	3	12	17	17	8	223	288	7	5	9	

Contd/ Table 4.12 Facility Wise Selected Services - 2016

Sl.#	Facility Name	Trained Delivery		Vaccination Services					Family Planning				
		Home	Facility	BCG	OPV3	DPT- HepB - Hib 3	Measles	Oral Pills (cycles)	DMPA (Injected)	User Current IUD	Tubectomy	Vasectomy	
55	Ney BHU	2	0	6	6	6	7	61	35	1	1	4	
56	Patpachhu BHU	0	2	3	6	15	8	161	96	8	6	34	
57	Tagmachhu BHU	0	3	10	26	26	20	222	95	15	20	1	
58	Thimyu BHU	0	8	14	30	30	27	385	117	2	0	5	
59	Tsaenkhar BHU	1	6	9	11	11	9	175	115	7	6	42	
60	Zangkhar BHU	0	1	5	8	8	5	30	78	0	3	6	
Monggar													
61	Baanjar BHU	0	2	2	5	5	7	72	38	0	2	5	
62	Balam BHU	0	7	11	10	10	9	75	309	13	6	42	
63	Boompazor BHU	0	8	11	10	10	15	50	241	25	19	11	
64	Chagsakhar BHU	1	18	50	53	53	50	259	478	87	33	44	
65	Chhaling BHU	1	6	9	22	22	18	43	306	17	12	5	
66	Daagsa BHU	2	2	6	12	12	11	28	79	2	0	0	
67	Drametse BHU	1	19	30	68	68	47	148	576	24	12	25	
68	Ganglaping BHU	1	3	1	4	4	2	0	43	7	1	12	
69	Gyalpoizing BHU I	0	40	35	48	48	39	102	255	27	78	13	
70	Jurmed BHU	7	7	37	29	29	28	66	335	1	5	8	
71	Kengkhar BHU	1	7	13	13	13	11	169	393	2	6	2	
72	Lingmethang BHU	5	31	28	58	58	53	183	466	26	13	17	
73	Monggar ERR Hospital	0	696	635	122	122	143	505	971	136	31	156	
74	Muhoong Sub-Post	0	5	3	5	5	7	47	111	1	2	11	
75	Nagor BHU	16	3	9	23	22	19	63	186	0	0	0	

Contd// Table 4.12 Facility Wise Selected Services - 2016

Sl.#	Facility Name	Trained Delivery		Vaccination Services					Family Planning				
		Home	Facility	BCG	OPV3	DPT- HepB - Hib 3	Measles	Oral Pills (cycles)	DMPA (Injected)	Current IUD	User	Tubectomy	Vasectomy
76	Narang BHU	2	7	12	24	24	31	119	229	4	6	22	
77	Ngatshang BHU	0	6	8	13	13	17	57	216	18	9	9	
78	Pangthang Sub-Post	0	2	1	4	4	3	63	49	2	2	2	
79	Resa Sub-Post	0	2	0	2	2	0	1	22	5	0	0	
80	Senggor BHU	0	2	2	2	2	0	26	27	3	2	0	
81	Serzhong BHU	0	10	7	25	25	25	128	265	6	10	8	
82	Silambi Sub-Post	1	1	2	7	7	7	118	129	0	2	0	
83	Tagkhambi Sub-Post	0	3	1	2	2	1	7	59	2	1	2	
84	Thangrong BHU	1	17	24	39	39	39	542	463	15	23	46	
85	Tongla Sub-Post	0	1	3	10	10	7	73	331	0	0	0	
86	Tsakaling BHU	0	3	3	11	11	10	60	150	35	12	4	
87	Tsamang BHU	0	4	3	9	9	5	23	57	7	6	4	
88	Yadi BHU	0	9	7	17	17	21	113	135	20	14	5	
89	Yangbari BHU	0	6	30	14	14	9	101	191	1	0	1	
Paro													
90	Bueltikha BHU	0	1	7	50	51	42	269	447	13	43	86	
91	Dawakha BHU	1	7	8	39	39	31	110	282	23	65	33	
92	Drugyal BHU	0	3	5	56	56	66	516	725	42	112	26	
93	Paro Hospital	0	238	0	533	533	516	1902	3610	171	662	223	

Contd/ Table 4.12 Facility Wise Selected Services - 2016

Sl.#	Facility Name	Trained Delivery		Vaccination Services					Family Planning					
		Home	Facility	BCG	OPV3	DPT- HepB - Hib 3	Measles	Oral Pills (cycles)	DMPA (Injected)	Current IUD	User	Tubectomy	Vasectomy	
Pemagatshel														
94	Borangma Sub-Post	0	1	1	3	3	2	16	15	0	1	2		
95	Chhimoong BHU	0	5	3	5	5	4	14	42	0	2	4		
96	Chhoekhorling BHU	0	1	0	2	2	3	67	32	0	0	6		
97	Chongshing Sub-Post	1	0	1	3	3	6	35	48	0	0	0		
98	Dechhenling BHU	1	6	10	23	23	25	126	178	18	7	85		
99	Dungmaed BHU	0	4	5	14	14	4	33	58	2	5	35		
100	Gonpa Singma BHU	0	0	6	16	16	14	150	94	0	7	31		
101	Khangma Sub-Post	1	0	3	4	4	4	74	81	0	2	2		
102	Mikuri Sub-Post	1	6	7	8	8	6	76	50	0	0	7		
103	Nanong BHU	0	2	12	18	18	22	107	344	0	2	0		
104	Naskhar Sub-Post	0	0	0	1	1	3	15	48	0	0	3		
105	Nganglam BHU I	0	62	68	114	114	122	922	481	5	48	88		
106	Norboogang BHU	0	2	2	8	8	11	51	160	2	1	23		
107	Pemagatshel Hospital	3	78	71	75	75	83	251	532	10	33	26		
108	Pretengma BHU	1	1	7	11	11	14	77	108	0	4	1		
109	Shali Sub-Post	2	3	5	7	7	10	47	57	0	0	0		
110	Thongsa Sub-Post	0	0	1	1	1	1	31	65	1	5	2		
111	Thrumchung BHU	0	0	2	1	2	4	12	45	0	0	7		
112	Tshatshi BHU	0	4	3	8	8	11	44	139	0	4	0		
113	Yurung BHU	1	9	6	8	8	15	156	90	0	2	1		
Punakha														
114	Goenshari BHU	0	9	1	13	13	8	79	90	0	1	1		
115	Kabisa BHU	0	23	2	44	44	35	291	448	0	2	2		

Contd/.... Table 4.12 Facility Wise Selected Services - 2016

Sl.#	Facility Name	Trained Delivery		Vaccination Services				Family Planning				
		Home	Facility	BCG	OPV3	DPT- HepB - Hib 3	Measles	Oral Pills (cycles)	DMPA (Injected)	Current IUD User	Tubectomy	Vasectomy
116	Norbugang BHU	0	3	0	12	12	11	81	55	1	21	28
117	Punakha Hospital	2	234	257	199	199	211	1145	1555	43	134	73
118	Samadingkha BHU	0	0	2	40	40	35	395	333	3	41	37
119	Sheinga BHU	0	3	3	19	20	15	63	59	9	16	7
120	Thinleygang BHU	1	4	5	63	63	80	865	406	65	82	74
121	Tshochasa BHU	2	5	7	7	7	9	56	73	0	23	31
Samdrup Jongkhar												
122	Dewathang RBA Hospital	0	282	147	89	89	77	675	645	0	0	0
123	Gomdar BHU I	3	45	41	59	59	42	230	423	3	18	26
124	Jomotsangkha BHU I	0	30	33	45	45	43	412	199	11	26	30
125	Lauri BHU	0	3	12	18	18	16	88	355	0	0	0
126	Maenjiwoong BHU	1	9	16	24	24	22	261	291	0	9	4
127	Martshala BHU	2	19	27	38	38	35	151	381	0	5	7
128	Orong BHU	0	5	11	29	29	21	47	314	6	0	0
129	Pemathang BHU	0	7	16	23	23	22	456	318	0	4	2
130	Samdrup Jongkhar Hospital	0	59	90	121	126	125	318	528	15	137	102
131	Samdrupchoeling BHU I	2	39	46	62	62	63	408	877	3	45	28
132	Wangphoog BHU	0	18	27	29	29	31	331	419	3	7	4
133	Zangthi BHU	1	6	13	17	17	22	34	265	2	1	9

Contd/..... Table 4.12 Facility Wise Selected Services - 2016

Sl.#	Facility Name	Trained Delivery		Vaccination Services				Family Planning				
		Home	Facility	BCG	OPV3	DPT- HepB - Hib 3	Measles	Oral Pills (cycles)	DMPA (Injected)	Current IUD	User	Tubectomy
Samtse												
134	Bara BHU	1	5	17	53	53	52	719	391	0	0	0
135	Chengmari BHU	0	4	18	46	46	57	396	434	0	32	118
136	Doongtoed BHU	1	18	20	24	24	24	224	315	0	12	61
137	Dorokha BHU	3	16	20	48	48	40	632	535	1	11	4
138	Duenchukha BHU	1	3	14	27	27	29	444	448	0	21	161
139	Ganthog BHU	1	5	28	57	58	42	159	236	0	5	21
140	Gomtu Hospital	1	49	59	118	118	128	2006	975	53	84	102
141	Panbari BHU	0	22	42	88	88	91	841	779	4	13	186
142	Pemaling BHU	0	4	10	18	18	21	272	171	4	25	55
143	Samtse Hospital	0	219	143	129	129	113	1833	647	31	167	152
144	Sangngag Chhoeling BHU	0	0	18	24	24	20	320	318	0	15	45
145	Sengteng BHU	0	15	31	30	30	35	387	276	0	19	42
146	Sibsoo Hospital	1	114	68	81	81	100	1304	948	13	83	206
147	Tendruk BHU	0	19	43	84	84	93	1640	750	25	58	229
148	Ugyentse BHU	0	1	13	23	23	14	133	193	2	12	32
149	Yoeseltse BHU	0	5	17	38	38	50	424	303	0	15	106
Sarpang												
150	Chhuzagang BHU I	0	14	23	17	17	28	218	212	28	42	30
151	Chokhorling BHU	0	1	38	69	69	78	593	787	29	39	40

Contd/..... Table 4.12 Facility Wise Selected Services - 2016

Sl.#	Facility Name	Trained Delivery			Vaccination Services						Family Planning				
		Home	Facility	BCG	OPV3	DPT- HepB - Hib 3	Measles	Oral Pills (cycles)	DMPA (Injected)	Current IUD User	Tubectomy	Vasectomy			
152	Gelephu CRR Hospital	6	772	468	292	292	269	6197	1821	272	297	200			
153	Gongdara BHU	2	5	3	13	13	11	228	237	5	3	4			
154	Jangchubling BHU	0	17	18	20	20	32	428	353	0	0	5			
155	Jigme Chhoeiling BHU	0	16	15	23	23	41	200	397	7	33	26			
156	Jigmedling BHU	0	0	0	0	0	0	107	43	0	0	0			
157	Lhayul BHU	0	10	17	34	34	35	376	195	2	6	22			
158	Norbuling BHU	0	6	29	34	34	32	349	362	20	41	36			
159	Phibsoo BHU	0	0	0	0	0	0	0	0	0	0	0			
160	Sarpang Hospital	0	49	63	68	68	74	813	934	41	66	45			
161	Sarpangsheer BHU	0	1	10	10	10	5	118	106	2	2	7			
162	Seng Gey BHU	0	6	15	19	19	13	176	239	2	1	2			
163	Taraythang BHU	1		4	6	6	4	28	70	0	2	1			
164	Umling BHU	0	17	9	18	18	27	387	285	25	21	35			
Thimphu															
165	Barshong BHU	0	0	0	2	2	3	33	0	3	10	3			
166	Chamgang BHU	0	0	3	21	21	26	210	165	20	22	30			
167	Chamgang RBP BHU	0	0	0	0	0	0	0	0	0	0	0			
168	Changji Satellite Clinic	0	0	0	0	0	0	514	734	0	0	0			
169	CHD JDWNRH	0	0	4205	1358	1358	1489	1780	3974	0	0	0			
170	Dechencholing BHU I	0	2	0	191	191	181	906	1073	0	0	0			
171	Genyenkha BHU	0	8	2	13	21	9	53	79	0	8	18			

Contid/..... Table 4.12 Facility Wise Selected Services - 2016

Sl.#	Facility Name	Trained Delivery		Vaccination Services				Family Planning				
		Home	Facility	BCG	OPV3	DPT- HepB - Hib 3	Measles	Oral Pills (cycles)	DMPA (Injected)	Current IUD	User	Tubectomy
172	Gidakom Hospital	2	43	0	85	101	126	675	794	19	107	49
173	Hongtsho BHU	0	0	2	15	15	18	116	170	4	4	0
174	IBF IMTRAT Hospital	0	0	0	0	0	0	29	0	0	0	0
175	JDWNR Hospital	0	4329	0	0	0	0	0	0	0	0	0
176	Jungshina Satellite Clinic	0	0	203	203	209	730	958	0	0	0	0
177	Kuzhugchen BHU	0	1	2	19	19	71	163	40	19	13	13
178	Lingzhi BHU	1	0	0	9	9	8	25	134	0	2	10
179	Lungtenphu RBA Hospital	0	0	0	193	188	187	1131	752	0	0	0
180	Motithang Satellite Clinic	0	0	3	138	138	151	409	583	0	0	0
181	RBP HQ Clinic	0	0	0	0	0	0	320	343	0	0	0
182	Soe BHU	1	0	1	6	6	1	5	33	0	0	0
Trashiyangtse												
183	Dungzam BHU	0	3	18	36	36	42	34	183	11	25	5
184	Jamkhar BHU	0	4	13	18	18	20	89	140	4	13	18
185	Jangphutse Sub-Post	0	4	3	2	2	3	97	71	5	1	0
186	Khamdang BHU I	0	18	27	52	52	58	154	440	25	11	10
187	Khi Nyei BHU	0	8	18	25	25	29	390	133	30	7	19
188	Melongkhar BHU	0	13	6	9	7	7	43	87	0	0	0
189	Rabtey Sub-Post	1	3	7	15	15	11	50	57	2	3	1
190	Ramjar BHU	0	8	8	11	11	13	161	108	1	10	16
191	Thragom BHU	3	10	12	8	8	11	93	214	4	0	1

Contd/..... Table 4.12 Facility Wise Selected Services - 2016

Sl.#	Facility Name	Trained Delivery		Vaccination Services				Family Planning				
		Home	Facility	BCG	OPV3	DPT- HepB - Hib 3	Measles	Oral Pills (cycles)	DMPA (Injected)	Current IUD User	Tubectomy	Vasectomy
192	Tongmizhangsa BHU	1	4	5	9	7	11	90	63	5	7	6
193	Yangtse Hospital	0	56	52	84	84	74	307	790	6	28	22
Trashigang												
194	Bartsham BHU I	0	27	28	30	30	34	111	138	2	29	20
195	Bidoong BHU	0	0	4	10	10	15	30	79	3	5	2
196	Bikhar BHU	0	2	6	22	22	19	217	220	11	17	17
197	Chaling BHU	0	0	3	8	8	9	199	182	7	7	11
198	Chhangmi BHU	3	6	12	25	25	20	147	164	4	12	8
199	Joenkhar Sub-Post	0	1	6	7	7	6	4	84	1	1	6
200	Kanglung BHU I	1	60	83	94	94	103	274	734	169	53	50
201	Kangpar BHU	0	4	13	21	21	25	186	277	34	15	65
202	Khaling BHU I	0	15	22	36	36	35	155	391	6	17	22
203	Lumang BHU	1	4	8	15	15	15	112	153	0	0	0
204	Merag BHU	5	5	16	16	16	21	67	201	7	11	17
205	Passaphoog Sub-Post	0	2	1	1	1		7	49	0	3	33
206	Phegpari Sub-Post	0	4	7	15	15	10	44	83	0	3	20
207	Phongmed BHU	0	9	11	18	18	18	195	272	0	6	1
208	Radi BHU	1	11	19	24	24	33	456	412	39	19	23
209	Rangjoong BHU I	1	27	27	34	34	33	275	248	3	17	13
210	Riserboo Hospital	2	42	50	58	58	47	345	689	6	26	9

Contd/ Table 4.12 Facility Wise Selected Services - 2016

Sl.#	Facility Name	Trained Delivery		Vaccination Services						Family Planning				
		Home	Facility	BCG	OPV3	DPT- HepB - Hib 3	Measles	Oral Pills (cycles)	DMPA (Injected)	Current IUD	User	Tubectomy	Vasectomy	
211	Sagteng BHU	27	1	36	31	31	29	234	254	6	13	8		
212	Thongrong Sub-Post	0	1	5	5	5	3	37	54	0	0	0		
213	Thoongkhar BHU	2	2	12	15	15	17	222	106	0	0	4		
214	Trashigang Hospital	0	209	155	87	87	104	235	580	95	27	13		
215	Tsangpo BHU I	1	7	10	24	24	23	163	232	0	4	4		
216	Udzorong BHU	5	12	24	47	47	42	480	346	18	22	3		
217	Yabrang BHU	2	3	7	9	9	15	109	117	2	8	15		
218	Yangnyer BHU	5	22	30	43	43	49	212	420	10	7	42		
219	Yonphoogla IMTRAT Hospital	0	0	0	0	0	0	0	0	0	0	0		
Trongsa														
220	Bemji BHU	4	0	5	16	15	29	26	57	40	13	15		
221	Jangbi BHU	0	0	1	3	3	7	58	87	1	0	20		
222	Kella Sub-Post	0	0	1	1	1	4	42	62	1	2	10		
223	Korhoog BHU	1	0	0	3	3	3	38	37	0	0	0		
224	Kuengarabten BHU	0	23	31	64	64	58	485	798	0	0	0		
225	Nabji Sub-Post	0	0	2	2	2	5	24	43	0	0	1		
226	Nimshong Sub-Post	2	0	4	8	8	4	46	82	0	0	0		
227	Tongtobel BHU	1	9	15	47	48	54	459	352	4	13	27		
228	Trashiling BHU	2	2	6	21	21	26	364	226	3	17	5		
229	Trongsa Hospital	0	52	46	81	81	74	422	481	18	52	22		

Contd./.... Table 4.12 Facility Wise Selected Services - 2016

Sl.#	Facility Name	Trained Delivery		Vaccination Services				Family Planning				
		Home	Facility	BCG	OPV3	DPT- HepB - Hib 3	Measles	Oral Pills (cycles)	DMPA (Injected)	Current IUD User	Tubectomy	Vasectomy
Tsirang												
230	Barshong BHU	0	4	5	14	14	11	117	198	0	2	1
231	Damphu Hospital	2	130	131	174	184	187	2105	1986	43	122	90
232	Doonglagang BHU	0	15	21	25	25	21	160	249	3	21	54
233	Mendrelgang BHU	1	5	20	29	29	29	414	455	14	30	36
234	Pungtenchhu BHU	1	0	16	22	22	18	133	262	2	13	30
235	Semjong BHU	0	6	5	8	8	13	261	385	0	11	42
236	Sergithang BHU	0	4	10	16	24	17	254	306	3	17	19
237	Tsirang Toed BHU	0	8	14	22	22	29	148	310	21	18	60
Wangdue												
238	Dangchhu BHU	1	2	8	30	30	21	95	254	0	19	7
239	Esa BHU I	0	31	16	68	68	85	1186	288	1	56	93
240	Gaselo BHU	0	3	6	22	22	25	276	188	13	46	47
241	Jala Uja BHU	0	0	3	27	27	28	112	196	0	19	38
242	Kamichhu BHU	0	11	13	33	34	22	141	244	0	4	3
243	Khotokha Sub-Post	0	0	0	12	12	14	87	61	1	13	15
244	Lopokha Sub-Post	0	0	0	1	2		14	11	3	2	15
245	Saephoog BHU	0	5	9	45	45	35	291	408	2	3	0
246	Samtengang BHU	0	2	15	42	42	48	165	284	1	43	87
247	Teki Agona BHU	0	4	13	27	24	17	58	121	1	40	39
248	Uma BHU	0	0	1	5	5	3	9	55	0	0	0
249	Wangdue Hospital	0	198	172	269	298	306	1139	1871	42	65	81
250	Wangdue RBA Hospital	0	27	29	51	52	50	323	582	0	0	0

Contd/ Table 4.12 Facility Wise Selected Services - 2016

Sl.#	Facility Name	Trained Delivery		Vaccination Services				Family Planning				
		Home	Facility	BCG	OPV3	DPT- HepB - Hib 3	Measles	Oral Pills (cycles)	DMPA (Injected)	Current IUD	User	Tubectomy
Zhemgang												
251	Bjoka BHU	0	3	7	5	5	10	127	149	0	0	0
252	Buli BHU	0	1	3	8	8	10	123	167	0	0	0
253	Gongphu BHU	1	3	6	8	8	8	84	115	0	0	0
254	Goshing BHU	0	5	13	21	21	30	351	188	0	0	0
255	Kagtong BHU	0	0	3	6	6	11	91	111	0	0	0
256	Khomshar BHU	2	9	21	19	18	19	176	205	0	0	0
257	Kradijong BHU	0	1	0	2	2	3	29	47	0	0	0
258	Langdorbi BHU	1	2	5	7	5	8	17	178	0	0	0
259	Manas BHU	0	0	0	5	5	3	8	12	0	0	0
260	Namregang BHU	0	3	3	6	6	4	54	79	0	0	0
261	Panbang BHU I	0	32	25	41	41	39	269	286	0	0	0
262	Pantang BHU	2	9	13	18	18	26	74	301	0	0	0
263	Shingkar BHU	1	0	2	14	14	17	114	258	0	0	0
264	Tshaidang BHU	0	1	2	8	8	10	89	209	0	9	1
265	Yebilaptsa Hospital	0	23	35	40	40	41	244	227	0	0	0
266	Zhemgang BHU I	0	17	24	49	49	50	129	333	0	0	0
Total		230	10718	10664	10857	10943	11203	83637	85195	2776	5149	6199

Note: + Thimphu and Phuentsholing urban areas are not covered by the Annual Household Survey.

Table 4.13 Malaria Cases - 2016

Sl.#	Type	Age/Gender								Total
		0 – 4 years		5 – 14 years		15 – 49 years		50 + years		
		Male	Female	Male	Female	Male	Female	Male	Female	
1	Mix	0	0	0	0	0	0	1	0	1
2	PF	0	0	0	0	1	0	0	0	1
3	PV	0	1	5	0	5	3	2	0	16

Mix - Mixed

PF – Plasmodium Falciparum

PV – Plasmodium Vivax

Table - 4.14 Number of Cases availing Traditional Medicine Service - 2016

No.	Traditionnal Medicine Units	New	Old	Total
Bumthang				
1	Bumthang	1897	3204	5101
2	Chumey	498	878	1376
3	Ura	648	286	934
Chhukha				
4	Chhukha	295	130	425
5	Gedu	714	537	1251
6	Phuentsholing	753	770	1523
7	Tshimalakha	459	254	713
Dagana				
8	Dagana	528	656	1184
9	Dagapela	1255	1080	2335
10	Lhamoi Zhingka	118	173	291
Gasa				
11	Gasa	429	161	590
Haa				
12	Bali	1349	2077	3426
13	Ngatsena	159	179	338
14	Sombaykha	107	52	159
Lhuentse				
15	Lhuentse	400	509	909
16	Tangmachu	2219	1711	3930

Contd/.....Table 4.14 Number of Cases availing Traditional Medicine Service - 2016

No.	Traditionnal Medicine Units	New	Old	Total
Monggar				
17	Daksa	190	31	221
18	Drametse	463	462	925
19	Gyalposhing	178	193	371
20	Kengkhar	491	276	767
21	Monggar	750	1298	2048
Paro				
22	Paro	4714	4846	9560
Pemagatshel				
23	Dungmin	379	84	463
24	Nganglam	273	211	484
25	Pemagatshel	783	496	1279
26	Yurung	594	371	965
Punakha				
27	Punakha	2094	1822	3916
Samdrup Jongkhar				
28	Gomdar	679	425	1104
29	Jomotsangkha	281	216	497
30	Martsala	276	62	338
31	Samdrup Choiling	482	206	688
32	Samdrup Jongkhar	838	918	1756
Samtse				
33	Dorokha	697	141	838
34	Gomtu	314	753	1067
35	Samtse	567	729	1296
36	Tashicholing (Sipsu)	369	502	871
Sarpang				
37	Gelephu	2546	1563	4109
38	Sarpang	519	583	1102
Thimphu				
39	Gedakom	413	561	974
40	Lingshi	51	60	111
41	National Traditional Medicine Hospital (NTMH)	14646	19835	34481

Contd/.....Table 4.14 Number of Cases availing Traditional Medicine Service - 2016

No.	Traditionnal Medicine Units	New	Old	Total
Trashigang				
42	Bartsham	403	183	586
43	Kanglung	212	196	408
44	Khaling	211	150	361
45	Rangjung	648	354	1002
46	Riserboo	277	292	569
47	Trashigang	829	876	1705
Trashiyangtse				
48	Khamdang	151	118	269
49	Trashiyangtse	356	475	831
Trongsa				
50	Korphu	67	96	163
51	Tongtongphel	148	190	338
52	Trongsa	1757	1797	3554
Tsirang				
53	Damphu	1438	1750	3188
Wangdue				
54	Bajo	1946	2219	4165
55	Esa	1118	1476	2594
56	Gaselo	146	139	285
Zhemgang				
52	Goshing	182	74	256
53	Pangbang	227	149	376
54	Yebilabtsa	190	109	299
55	Zhemgang	169	102	271
Total		55890	60046	115936

Table - 4.15 Therapeutic Services provided by Traditional Medicine Service - 2016

No.	Traditional Medicine Units	Gold needle	Silver Needle	Blood Letting	Cauterization/ Heated Oil	Cupping	Localize Steaming	Steam bath	Herbal bath	Nasal Irrigation	Others	Total
Bumthang												
1	Bumthang	205	0	0	76	0	198	0	0	0	0	479
2	Chumey	119	0	0	29	0	185	0	0	2	0	335
3	Ura	171	0	0	0	0	313	0	0	0	0	484
Chhukha												
4	Chhukha	88	0	0	11	19	1302	0	0	0	17	1437
5	Gedu	54	0	1	51	0	392	0	0	13	7	518
6	Phuentsholing	68	0	2	83	1	111	16	0	3	24	308
7	Tshimalakha	79	0	7	77	2	155	0	0	0	5	325
Dagana												
8	Dagana	107	11	5	56	4	238	0	0	0	0	421
9	Dagapela	211	104	0	217	0	427	10	116	0	0	1085
10	Lhamoi Zhingka	157	0	0	0	0	0	0	0	0	0	157
Gasa												
11	Gasa	75	0	0	3	1	0	0	0	0	0	79
Haa												
12	Bali	70	0	0	54	0	27	0	0	0	0	151
13	Ngatsena	18	0	0	0	0	0	0	0	0	0	18
14	Sombaykha	51	0	0	0	0	0	0	0	0	0	51
Lhuentse												
15	Lhuentse	134	0	0	42	0	187	0	0	0	0	363
16	Tangmachu	358	0	0	0	0	0	0	0	0	0	358

Contd/.....Table - 4.15 Therapeutic Services provided by Traditional Medicine Service - 2016

No.	Traditional Medicine Units	Gold needle	Silver Needle	Blood Letting	Cauterization/ Heated Oil	Cupping	Localize Steaming	Steam bath	Herbal bath	Nasal Irrigation	Others	Total
Monggar												
17	Daksa	126	0	0	0	0	0	0	0	0	0	126
18	Drametse	156	0	0	0	0	0	0	0	0	0	156
19	Gyalpoishing	105	0	0	55	3	0	0	0	0	0	163
20	Kengkhar	637	0	0	7	0	0	0	0	0	0	644
21	Monggar	435	18	56	33	0	1685	1270	0	14	4	3515
Paro												
22	Paro	675	100	36	449	41	642	237	0	71	57	2308
Pemagatshel												
23	Dungmin	216	12	0	17	0	95	0	0	0	0	340
24	Nganglam	223	0	0	28	1	65	0	0	0	0	317
25	Pemagatshel	904	2	4	18	11	493	0	0	2	0	1434
26	Yurung	257	0	0	26	0	105	0	0	9	0	397
Punakha												
27	Punakha	172	0	109	0	0	507	84	0	0	0	872
Samdrup Jongkhar												
28	Gomdar	680	0	0	0	0	0	0	0	0	0	680
29	Jomotsangkha	101	0	0	0	0	0	0	0	0	0	101
30	Martsala	565	0	0	0	0	0	0	0	0	0	565
31	Samdrup Choiling	400	0	0	0	0	0	0	0	0	0	400
32	Samdrup Jongkhar	876	0	0	0	0	276	26	0	16	0	1194

Contd/.....Table - 4.15 Therapeutic Services provided by Traditional Medicine Service - 2016

No.	Traditional Medicine Units	Gold needle	Silver Needle	Blood Letting	Cauterization/ Heated Oil	Cupping	Localize Steaming	Steam bath	Herbal bath	Nasal Irrigation	Others	Total
Samtse												
33	Dorokha	192	0	0	0	0	0	0	0	0	0	192
34	Gomtu	64	0	0	59	0	88	9	0	0	0	220
35	Samtse	112	18	4	22	22	153	0	0	0	0	331
36	Tashicholing (Sipsu)	149	0	169	162	0	0	0	0	0	0	480
Sarpang												
37	Gelephu	474	0	4	241	0	1860	20	7	11	159	2776
38	Sarpang	80	2	4	0	2	610	14	0	0	0	712
Thimphu												
39	Gedakom	41	0	0	54	0	0	0	0	0	0	95
40	Lingzhi	48	0	0	120	0	0	0	0	0	0	168
41	NITM	4160	40	176	5208	224	10368	1182	3756	976	2412	28502
Trashigang												
42	Bartsham	131	0	0	122	0	640	0	0	0	0	893
43	Kanglung	58	0	0	4	0	0	0	0	0	0	62
44	Khaling	217	0	0	0	0	0	0	0	0	0	217
45	Rangjung	1137	2	0	94	0	1329	0	0	0	1	2563
46	Riserboo	183	0	0	0	2	54	0	0	1	0	240
47	Trashigang	1307	60	0	126	0	851	0	0	74	0	2418
Trashiyangtse												
48	Khamdang	87	0	0	63	0	102	0	0	2	0	254
49	Trashiyangtse	216	25	21	146	0	84	0	84	0	43	619

Contd/Table - 4.15 Therapeutic Services provided by Traditional Medicine Service - 2016

No.	Traditional Medicine Units	Gold needle	Silver Needle	Blood Letting	Cauterization/ Heated Oil	Cupping	Localize Steaming	Steam bath	Herbal bath	Nasal Irrigation	Others	Total
Trongsa												
50	Korphu	121	0	0	0	0	0	0	0	0	0	121
51	Tongtongphel	32	0	0	0	0	0	0	0	0	0	32
52	Trongsa	171	3	2	46	0	231	0	0	2	0	455
Tsirang												
53	Damphu	468	0	0	208	5	274	0	0	0	6	961
Wangdue												
54	Bajo	351	26	9	116	8	0	0	0	6	0	516
55	Gaselo	15	0	0	0	0	0	0	0	0	0	15
56	Phubjika	483	0	0	0	0	0	0	0	0	0	483
Zhemgang												
57	Goshing	77	0	0	17	0	97	0	0	0	0	191
58	Pangbang	211	1	0	30	0	143	0	0	0	0	385
59	Yebilabtsa	22	0	0	2	0	189	0	0	0	0	213
60	Zhemgang	53	0	0	0	0	64	0	0	4	0	121
Total		19153	424	500	8281	346	24540	2868	3963	1206	2735	64016

Table 5: Health risk factors

Table 5.1 Selected health risk factors indicator

Sl. #	Indicators	Year	Source
		2016	
1	Population with access to improved drinking water sources (%)	97.7	NHS 2012
2	Population with access to improved sanitation facility (%)	66.3	NHS 2012
3	Percentage of households disposing off their household wastes using public garbage collection system (%)	22.4	HNS 2012
4	Low-birth weight newborns (%)	9.9	BMIS 2010
5	Infants exclusively breastfed for the first 6 months of life (%)	48.7	BMIS 2010
6	Children aged <5 years stunted (%)	33.5	BMIS 2010
7	Children aged <5 years underweight (%)	12.7	BMIS 2010
8	Children aged <5 years wasting (%)	5.9	BMIS 2010
9	Prevalence of Injury (%)	1.2	NHS 2012
10	Percentage of injured population due to vehicular accident (%)	14.6	NHS 2012
11	Population aged 15-75 years who currently use alcohol (%)	28.1	NHS 2012
12	Population aged 10-75 years who drank alcohol in the past 12 months (%)	28.5	NHS 2012
13	Population aged 10-75 years who drank alcohol in the past 12 months on a daily basis (%)	24.0	NHS 2012
14	Population aged 15-75 years who currently smoke tobacco (%)	4.0	NHS 2012
15	Population aged 15-75 years who use smokeless tobacco (%)	47.9	NHS 2012
16	Population aged 15-75 years who eat doma/betel quid (%)	43.9	NHS 2012
17	Population aged 15-75 years who use chewing tobacco (%)	7.9	NHS 2012
18	Population aged 15-24 years with comprehensive correct knowledge of HIV/AIDS (%)	23.2	NHS 2012
19	Population aged 10-75 years with comprehensive correct knowledge of HIV/AIDS (%)	16.8	NHS 2012
20	Women aged 15-49 years aware of all three means of mother to child transmission of HIV/AIDS (%)	46.9	NHS 2012
21	Population aged 15-75 years who ever used drugs/substance to get high (%)	2.1	NHS 2012
22	Population aged 10-75 years who do sports/fitness/recreational activities that cause an increase of breathing or heart rate for at least 10 minutes continuously (%)	25.5	NHS 2012

Table 5.2 Sanitation & Hygiene by Districts - 2016

Sl.#	District	Percentage							
		Latrine	Water Supply	Household with Functional Piped water	Drainage & Footpath	Household with Animal Shed	Household with Vegetable Garden	Household with Garbage Pit	
1	Bumthang	99.3		92.1	77.8	100.0	88.1	51.7	
2	Chhukha	95.7		71.4	64.3	87.0	99.4	29.7	
3	Dagana	86.9		71.3	66.1	73.2	77.4	11.9	
4	Gasa	96.8		25.1	74.9	92.9	86.3	33.6	
5	Haa	98.9		77.0	79.0	88.0	80.6	20.6	
6	Lhuentse	96.7		84.9	94.5	94.2	87.0	7.3	
7	Monggar	96.6		95.8	89.3	96.8	94.1	10.5	
8	Paro	91.6		41.9	71.0	82.5	51.5	35.1	
9	Pemagatshel	98.7		77.4	47.0	95.3	83.8	13.5	
10	Punakha	97.0		93.0	85.9	96.5	72.1	19.6	
11	Samdrup Jongkhar	98.3		90.3	58.0	62.7	92.7	28.5	
12	Samtse	93.9		80.1	58.2	97.2	71.6	29.2	
13	Sarpang	95.5		41.7	81.2	87.5	67.3	24.2	
14	Thimphu	96.2		33.3	57.4	90.7	59.0	29.8	
15	Trashiyangtse	100.7		92.4	69.1	90.3	93.8	18.7	
16	Trashigang	96.5		77.0	53.6	90.7	76.0	25.3	
17	Trongsa	97.8		86.8	61.0	86.0	133.4	31.0	
18	Tsirang	98.8		82.4	40.5	86.5	105.5	7.2	
19	Wangdue Phodrang	97.2		75.1	66.5	92.0	62.4	24.7	
20	Zhemgang								
Total		95.9		73.0	66.6	88.7	78.8	24.0	

Table 5.3 Population with Impairment by Districts - 2016

Sl.#	District	Impairment Types					
		Physical	Speech	Hearing	Visual	Multiple	Self care
1	Bumthang	36	27	61	41	31	4
2	Chhukha	64	82	151	145	147	4
3	Dagana	25	56	79	54	54	14
4	Gasa	3	3	11	10	2	0
5	Haa	11	18	26	6	12	1
6	Lhuentse	48	41	49	23	32	11
7	Monggar	82	89	172	112	109	13
8	Paro	71	142	302	169	63	2
9	Pemagatshel	60	51	166	87	105	37
10	Punakha	50	25	61	39	46	1
11	Samdrup Jongkhar	58	69	132	191	89	0
12	Samtse	131	166	219	132	249	3
13	Sarpang	69	97	127	56	124	37
14	Thimphu	37	23	38	22	27	141
15	Trashiyangtse	28	15	21	33	23	7
16	Trashigang	87	72	189	171	105	54
17	Trongsa	46	36	62	62	27	6
18	Tsirang	55	65	144	46	131	8
19	Wangdue Phodrang	92	56	169	123	36	5
20	Zhemgang	2	9	9	9	3	0
Total		1055	1142	2188	1531	1415	348

Table 6 Voluntary Counseling & Testing (VCT) Report - 2016

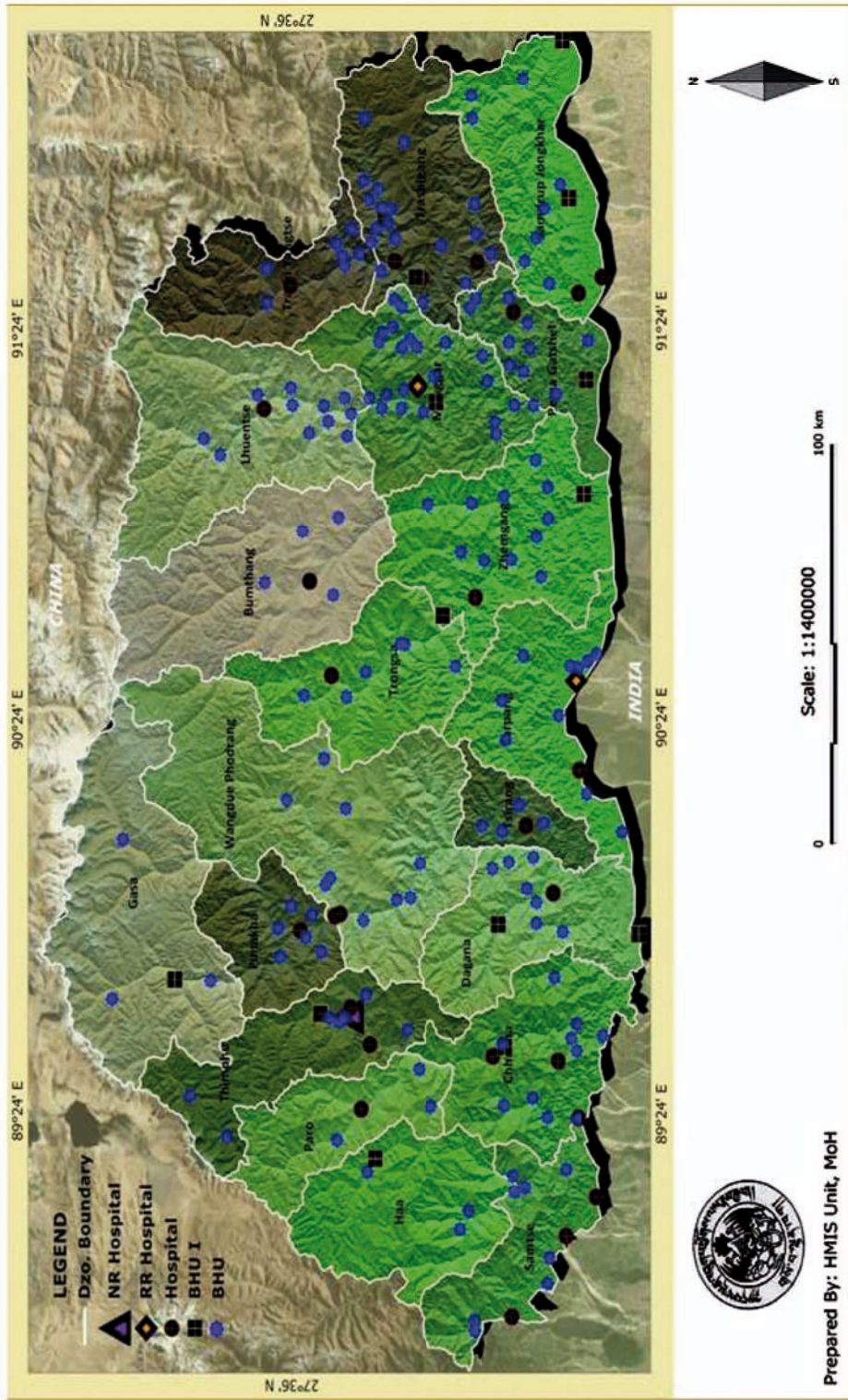
S #	Particulars	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
DISTRIBUTION BY REASON FOR T&C														
Part 1 : Clients pretest counselled														
1	Voluntary/Self referred	0	2	7	2	24	32	2282	2314	153	132	116	90	5154
2	STI patient	0	0	0	1	3	1	406	574	23	18	13	10	1049
3	TB patient	0	0	0	0	6	2	75	107	15	6	14	4	229
4	HIV/AIDS related syndrome	0	0	0	0	0	0	7	22	0	1	0	0	30
5	Pregnancy/ANC	0	0	0	0	0	11	0	8531	0	22	0	0	8564
6	Operation/Surgery	0	0	0	0	3	4	67	101	33	26	41	48	323
7	Blood donor screening	0	0	0	0	0	0	830	98	17	0	1	2	948
8	Contact tracing	1	0	5	3	3	4	101	78	15	6	2	1	219
9	Others	2	0	2	1	12	19	523	556	53	59	40	40	1307
Part 2 : Clients HIV tested														
1	Voluntary/Self referred	0	2	6	0	17	19	2105	2133	157	111	105	86	4741
2	Sex workers	0	0	0	1	2	1	306	388	25	13	9	7	752
3	Injecting drugs users	0	0	0	0	6	2	71	106	14	3	15	4	221
4	MSM-TG	0	0	0	0	0	0	10	31	0	0	0	0	41
5	Clients of sex workers	0	0	0	0	0	8	0	7786	0	10	0	0	7804
6	Multiple partner/ unprotected sex	0	0	0	0	3	4	68	111	34	26	42	37	325
7	Mobile/migrant workers	0	0	0	0	0	0	1546	196	33	0	1	0	1776
8	Others	0	0	4	4	4	3	67	54	16	4	1	0	157
Part 2 : Clients post test counselled														
1	Voluntary/Self referred	0	1	4	0	10	13	1352	1305	79	82	66	68	2980
2	STI patient	0	0	0	1	0	1	235	267	9	4	2	1	520
3	TB patient	0	0	0	0	3	2	42	74	9	2	7	2	141
4	HIV/AIDS related syndrome	0	0	0	0	0	0	5	7	0	1	0	1	14
5	Pregnancy/ANC	0	0	0	0	0	6	0	5538	0	5	0	0	5549
6	Operation/Surgery	0	0	0	0	1	4	49	86	27	20	37	35	259

Table -6.1 Voluntary Counseling & Testing (VCT) Report - 2016

S #	Particulars	Under 1 Yr		1 - 4 Yrs		5 - 14 Yrs		15 - 49 Yrs		50 - 59 Years		60 + Yrs		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
		7	Blood donor screening	0	0	0	0	0	413	61	15	0	0	
8	Contact tracing	0	0	1	1	2	34	36	6	3	1	0	0	85
9	Others	1	0	2	2	15	335	566	37	46	35	29	1082	
DISTRIBUTION BY RISK ASSESSMENT														
Part 3 : Clients pretest counselled														
1	Sex workers	0	0	0	0	0	0	1	0	0	0	0	0	1
2	Injecting drugs users	0	0	0	0	0	11	5	0	0	0	0	0	16
3	MSM-TG	0	0	0	0	0	4	1	0	0	0	0	0	5
4	Clients of sex workers	0	0	0	0	0	0	2	0	0	0	0	0	2
5	Multiple parepartner/ unprotected sex	0	0	0	0	0	156	163	10	0	0	1	330	
6	Mobile/migrant workers	0	0	0	0	0	62	43	7	0	0	0	112	
7	Others	0	0	6	2	6	866	1477	48	67	35	42	2572	
Part 3 : Clients HIV tested														
1	Sex workers	0	0	0	0	0	1	8	0	0	0	0	0	9
2	Injecting drugs users	0	0	0	0	0	9	5	0	0	0	0	0	14
3	MSM-TG	0	0	0	0	0	2	1	0	0	0	0	0	3
4	Clients of sex workers	0	0	0	0	0	8	7	1	0	0	0	0	16
5	Multiple parepartner/ unprotected sex	0	0	0	0	0	134	134	7	0	0	1	276	
6	Mobile/migrant workers	0	0	0	0	0	41	48	5	2	1	0	97	
7	Others	0	0	6	2	5	811	1268	40	52	30	37	2271	
Part 3 : Clients post test counselled														
1	Sex workers	0	0	0	0	0	7	4	0	0	0	0	0	11
2	Injecting drugs users	0	0	0	0	0	11	3	0	0	0	0	0	14
3	MSM-TG	0	0	0	0	0	2	1	0	0	0	0	0	3
4	Clients of sex workers	0	0	0	0	0	7	8	0	0	0	0	0	15
5	Multiple parepartner/ unprotected sex	0	0	0	0	0	122	136	5	0	0	1	264	
6	Mobile/migrant workers	0	0	0	0	0	57	28	8	2	0	0	95	
7	Others	0	0	6	1	4	760	1342	54	60	38	45	2322	

FACT-SHEET: Health workforce and infrastructure

Figure 3.6.1 - Current health facilities [2016] map



Health workforce and infrastructure

Table 6.2 Selected health human resource and infrastructure indicator

Sl. #	Indicators	Year					Source
		2012	2013	2014	2015	2016	
1	Number of Doctors and density (per 10,000 population)	194 [2.7]	203 [2.8]	244 [3.3]	251 [3.3]	299 [3.9]	HRM, MoH
2	Number of Nurses and density (per 10,000 population)	736 [10.2]	799 [10.9]	957 [12.8]	1070 [14.1]	1185 [15.4]	HRM, MoH
3	Number of Pharmacists and density (per 10,000 population)	11 [0.2]	9 [0.1]	14 [0.2]	15 [0.2]	23 [0.3]	HRM, MoH
4	Number HA&BHW and density (per 10,000 population)	578 [8.0]	608 [8.3]	632 [8.5]	643 [8.5]	658 [8.6]	HRM, MoH
5	Number of Drungtshos (Indigenous Physicians) and density (per 10,000 population)	35 [1.0]	35 [0.5]	46 [0.6]	47 [0.6]	54 [0.7]	HRM, MoH
6	Number of sMenpas (Sowa Menpas) and density (per 10,000 population)	63 [1.0]	82 [1.1]	90 [1.2]	100 [1.3]	105 [1.4]	HRM, MoH
7	Number and distribution of health facilities (per 10,000 population)	222 [3.1]	236 [3.2]	262 [3.5]	266 [3.5]	271 [3.5]	HMIS, MoH
8	Ratio of beds per Nurses	1.7	1.6	1.3	1.2	1.1	HMIS, MoH
9	Ratio of Nurses per Doctor	3.8	3.9	3.9	4.3	4.3	HMIS, MoH

Table 6.3 Health Human Resource - 2016

Sl.#	Categories of Health Workers	Gender		Total
		Male	Female	
1	Doctors (MBBS/Specialists)	198	101	299
2	Assistant Clinical Officers (ACO)	26	4	30
3	Nurses (Assistant Nurse/GNM/B. Sc. Nurse)	500	685	1185
4	Health Assistants	318	274	592
5	Basic Health Workers	66	0	66
6	Drungtshos (Indigenous Physicians)	44	10	54
7	sMenpas (Sowa Menpas)	73	32	105
8	Pharmacists	12	11	23
9	Medical Lab. Technologists	39	12	51
10	Physiotherapists	11	7	18
11	Technicians	574	371	945
12	Administrative & Support Staff (Regular)	663	403	1066
13	General Service Personnel (GSP)	242	190	432
14	Elementary Service Personnel (ESP)	141	21	162
Total Staff Strength, MoH		2907	2121	5028

Table 6.4 Health Facilities by Districts - 2016

District	Facility Type				Ind. Unit	ORC with shed	ORC without shed
	Hospital	BHU I	BHU II	Sub-post			
Bumthang	1	0	5	0	3	13	0
Chhukha	3	2	13	1	4	39	6
Dagana	1	2	7	0	3	29	4
Gasa	0	1	3	1	1	4	1
Haa	1	1	4	2	3	7	10
Lhuentse	1	0	14	0	2	30	2
Monggar	1	1	22	5	5	52	0
Paro	1	0	3	3	1	17	5
Pemagatshel	1	1	11	7	4	32	4
Punakha	1	0	7	1	1	10	0
Samdrup Jongkhar	2	3	7	3	5	28	4
Samtse	2	1	13	5	4	43	5
Sarpang	1	2	10	2	2	11	2
Thimphu	*5	1	**12	0	2	4	13
Trashiyangtse	1	1	7	2	2	22	2
Trashigang	3	5	14	4	6	50	2
Trongsa	1	0	6	4	3	19	0
Tsirang	1	0	7	0	1	14	6
Wangdue Phodrang	2	2	9	5	3	22	6
Zhemgang	1	2	11	4	4	30	5
Total	30	25	185	49	59	476	77

Note :

* Indigenous hospital included under hospital

** Satellite Clinic included under BHU II

Table 6.5 Health Infrastructure by Districts – 201

District	Hospital	Basic Health Unit	Sub-post	No. of ORC	
				With Shed	Without Shed
Bumthang	Bumthang			1	0
		Choekhor Toe		2	0
		Chumey		3	0
		Dhur		0	0
		Tang		4	0
		Ura		3	0
Total	1	5	0	13	0
Chhukha	Tsimalakra			3	0
	Phuentsholing			5	0
	Gedu			3	0
		Chapcha		3	1
		Chhukha I		2	1
		Darla		0	1
		Bongo		2	2
		Getana		2	0
		Chong-Geykha		4	0
		Doogna		3	0
		Khatikha I		0	0
		Loggchina		3	0
		Shinchula		4	1
		Metakha		2	0
		Rangaytung		3	0
		Renchentse		0	0
		Tashigatshel RBP MI ROOM		0	0
		Arikha		0	0
			Baikunza	0	0
Total	3	15	1	39	6

Contd/....Table 6.6 Health Infrastructure by Districts - 2016

District	Hospital	Basic Health Unit	Sub-post	No. of ORC	
				With Shed	Without Shed
Dagana	Dagapela	Dagana I Jurugang Khagochen Akhochen Drukjeygang Tsangkha Lagyab Lhamoizingkha I Nimtola		7 3 1 1 1 3 3 4 5 1	0 0 0 0 2 0 0 0 0 2
Total	1	9	0	29	4
Gasa		Damji Gasa I Laya Lunana		2 0 1 1	0 0 0 1
Total	0	4	Jawathang	4	1
Haa	IMTRAT	Bali I Yangthang Sanbay Ngetshena Dorithasa		0 4 1 2 0 0	0 1 2 1 1 5
Total	1	5	Sangbaykha Dungkhag Bebji	7	10

Contd/....Table 6.6 Health Infrastructure by Districts - 2016

District	Hospital	Basic Health Unit	Sub-post	No. of ORC	
				With Shed	Without Shed
Lhuentse	Lhuentse			0	0
		Autsho		2	0
		Dangling		2	0
		Dungkhar		3	0
		Ganglakhema		1	0
		Gortsum		2	0
		Khoma		4	0
		Ladrong		3	0
		Minjay		4	0
		Ney		1	0
		Patpachhu		3	0
		Tagmochhu		0	2
		Thimyul		2	0
		Tsaenkhar		2	0
		Zangkhar		1	0
Total	1	14	0	30	2
Monggar	Monggar			5	0
		Banjar		0	0
		Balam		3	0
		Boompazor		3	0
		Chagsskhar		4	0
		Chhaling		1	0
		Daagsa		1	0
		Dramedtse		4	0
		Ganglaponng		0	0
		Gongdue		1	0
		Gyalpoizhing I		0	0
		Jurmed		3	0

Contd/.....Table 6.6 Health Infrastructure by Districts – 2016

District	Hospital	Basic Health Unit	Sub-pots	No. of ORC	
				With Shed	Without Shed
		Kengkhar		2	0
		Lingmethang		8	0
		Muhoong		0	0
		Nagor		3	0
		Narang		1	0
		Ngatshang		0	0
		Sengor		0	0
		Serzhong		3	0
		Thang-Rong		4	0
		Tsakaling		3	0
		Tsamang		0	0
		Yadi		1	0
		Yangbari		2	0
			Silambi	0	0
			Tongla	0	0
			Pangthang	0	0
			Resa	0	0
			Takambi	0	0
Total	1	23	5	52	0

Contd/.....Table 6.6 Health Infrastructure by Districts - 2016

District	Hospital	Basic Health Unit	Sub-pots	No. of ORC	
				With Shed	Without Shed
Punakha	Punakha	Goenshari Kabisa Norbugang Samadingkha Shelnga Thinleygang Tshochasa		1 1 3 1 3 0 1 0 0 0	0 0 0 0 0 0 0 0 0
Total	1	7	1	10	0
Samdrup Jongkhar	Samdrup Jongkhar Deothang RBA	Gomdar I Jomotsangkha I Lauri Moenjwoong Martshalla Orong Pemathang SamdrupChhoeling I Wangphoog Zangthi		5 0 2 1 2 3 1 4 3 3 2	0 0 0 0 0 1 1 0 2 0 0
Total	2	10	3	28	4
Samtse	Samtse Gomtu	Bara Chengmari		3 5 2 2	0 0 1 0

District	Hospital	Basic Health Unit	Sub-pots	No. of ORC	
				With Shed	Without Shed
		Doongtoed		4	0
		Dorokha		5	0
		Duenchukha		2	0
		Ganthog		0	3
		Panbari		2	0
		Pemaling		3	0
		SangaCholing		3	0
		Sengteng		4	0
		Sipsu I		1	0
		Tendruk		3	1
		Ugyentse		2	0
		Yoelseltse		2	0
			Bukay		
			Phendegang		
			Gashgoan		
			Gawaling		
			Tading		
Total		14	5	43	5
Sarpang	CRR Hospital, Gelephu	Sarpang I		1	0
		Chhuzangang I		1	0
		Chokhorling		0	1
		Gongdara		1	0
		Jangchubling		0	0
		JigmeCholing		2	0
		JMenchulam		1	1
		Lhayul		0	0
		Norbuling		1	0
		Seng-Gey		3	0
		Tarraythang		0	0
		Umling		0	0
				1	0
				0	0
				Phibsoo	
		Jigmeling RBP			
		dispensary			
1		12	2	11	2

Contd/...Table 6.6 Health Infrastructure by Districts - 2016

District	Hospital	Basic Health Unit	Sub-pots	No. of ORC With Shed	Without Shed
Thimphu	JDWNRH IBF Hospital Lungtenphug RBA Gidakom			0	9
		Barshong Chamgang Chamgang RBP Changji Dechhencholing I Ge-Nyenkha Hongtsho Jungshina Kuchuchin Lingzhi Motithang RBPHQ Clinic Soe		0 0 3 0 0 0 0 0 0 1 0 0 0 1	0 0 2 0 0 2 0 0 0 0 0 0 0 0
Total	4	13	0	4	13
Trashigang	Trashigang Riserboo Yongphula RBA			2 2 0	0 0 0
		Bartsham I Bidoong Bikhar Chaling Chhangmi Kanglung I Kangpar		3 2 2 0 2 4 3	0 1 0 0 0 0 0

Contd/.....Table 6.6 Health Infrastructure by Districts - 2016

District	Hospital	Basic Health Unit	Sub-pots	No. of ORC	
				With Shed	Without Shed
		Khaling I		5	0
		Lumang		2	0
		Merag		1	0
		Phongmed		0	0
		Radi		3	0
		Rangjoong I		1	0
		Sagteng		1	0
		Thoongkhar		2	1
		Tsangpo I		1	0
		Udзорong		5	0
		Ya-brang		3	0
		Yangnyer		5	1
			Jongkhar	0	0
			Passaphoog	0	0
			Pheppari	1	0
			Thongrong	0	0
Total	3	19	4	50	2
Trashiyangtse	Yangtse			2	0
		Dungzam		2	0
		Jamkhar		2	0
		Khamdang I		4	0
		Khini		4	0
		Melongkhar		2	0
		Ramjar		1	2
		Thragom		1	0
		Tonnzhang		3	0
			Jangphutse	1	0
			Rabtey	0	0
Total	1	8	2	22	2

District	Hospital	Basic Health Unit	Sub-pots	No. of ORC					
				With Shed	Without Shed				
Trongsa				3	0				
				Bemji	3	0			
				Jangbi	2	0			
				Kuenga Rabten	3	0			
				Nabji Korphu	0	0			
				Tashiling	3	0			
				Tongtophel	5	0			
				Karshong	0	0			
				Kella	0	0			
				Nabji	0	0			
Nimshong	0	0							
Total	1	6	4	19	0				
Tsirang	Damphu			3	1				
				Barshong	0	2			
				Doonlagang	1	0			
				Mendrelgang	3	1			
				Pungtenchhu	3	1			
				Semjong	1	0			
				Sergithang	2	0			
				Tsirangtoe	1	1			
				Total	1	7	0	14	6
				Wangdue Phodrang	Tencholing RBA Bajo Hospital			0	0
Dangchu	2	2							
Esa I	3	0							
Gaselo	3	0							
Jalla	0	3							
Kamichu	4	0							
Samtegang	3	1							

Contd/...Table 6.6 Health Infrastructure by Districts - 2016

District	Hospital	Basic Health Unit	Sub-pots	No. of ORC	
				With Shed	Without Shed
		Sephu		2	0
		Teki		2	0
		Uma		0	0
		Kazi		0	0
		Bjimethangkha I	Nahi	0	0
			Migtana	0	0
			Taksha	0	0
			Khotokha	0	0
			Lopokha	0	0
Total	2	11	5	22	6
Zhemgang	Yebilaptsa			5	0
		Bjoka		2	0
		Buli		2	1
		Gongphu		1	0
		Goshing		4	0
		Kaktong		1	1
		Khomshar		1	1
		Kradijong		0	0
		Langdurbi		1	1
		Pangbang I		3	1
		Pantang		3	0
		Shingkhari		2	0
		Tshaidang		4	0
		Zhemgang I		1	0
			Manas	0	0
			Namregang	0	0
			Nimshong		
			Tashibee		
Total	1	13	4	30	5
<i>National</i>	30	210	49	481	76

Table 7: Demographic statistics Demographic statistics

Sl. #	Indicators	Year					Source
		2012	2013	2014	2015	2016	
1	Population – total	720,679 (estimated)	733,004 (estimated)	745,153 (estimated)	757,042 (estimated)	768,577 (estimated)	SYB (2016), NSB
2	Population – median age (years)	24.0	24.0	24.0	24.0	24.0	SYB (2016), NSB
3	Population – under 15 (numbers & %)	216,972 [30.1]	219,412 [29.9]	222,035 [29.8]	224,737 [29.7]	227,444 [29.6]	SYB (2016), NSB
4	Population – aged 15-59 (numbers & %)	453,283 [62.9]	461,778 [63.0]	469,803 [63.0]	477,300 [63.0]	484,306 [63.0]	SYB (2016), NSB
5	Population – aged over 60 (numbers & %)	50,424 [7.0]	51,814 [7.1]	53,345 [7.2]	55,005 [7.3]	56,827 [7.4]	SYB (2016), NSB
6	Overall Sex ratio (M:F)	109.1	108.3	108.4	108.1	107.9	SYB (2016), NSB