

རྒྱལ་ཡོངས་ཚུས་དཔྱད་བཀོད་འཛིན།
National Statistics Bureau

འབྲུག་གི་ཚུས་དཔྱད་ལོ་དེབ་ ༢༠༢༠།

Statistical Yearbook of Bhutan 2020



October 2020

ORGANOGRAM OF THE ROYAL GOVERNMENT OF BHUTAN POST CONSTITUTIONAL ENACTMENT 2009

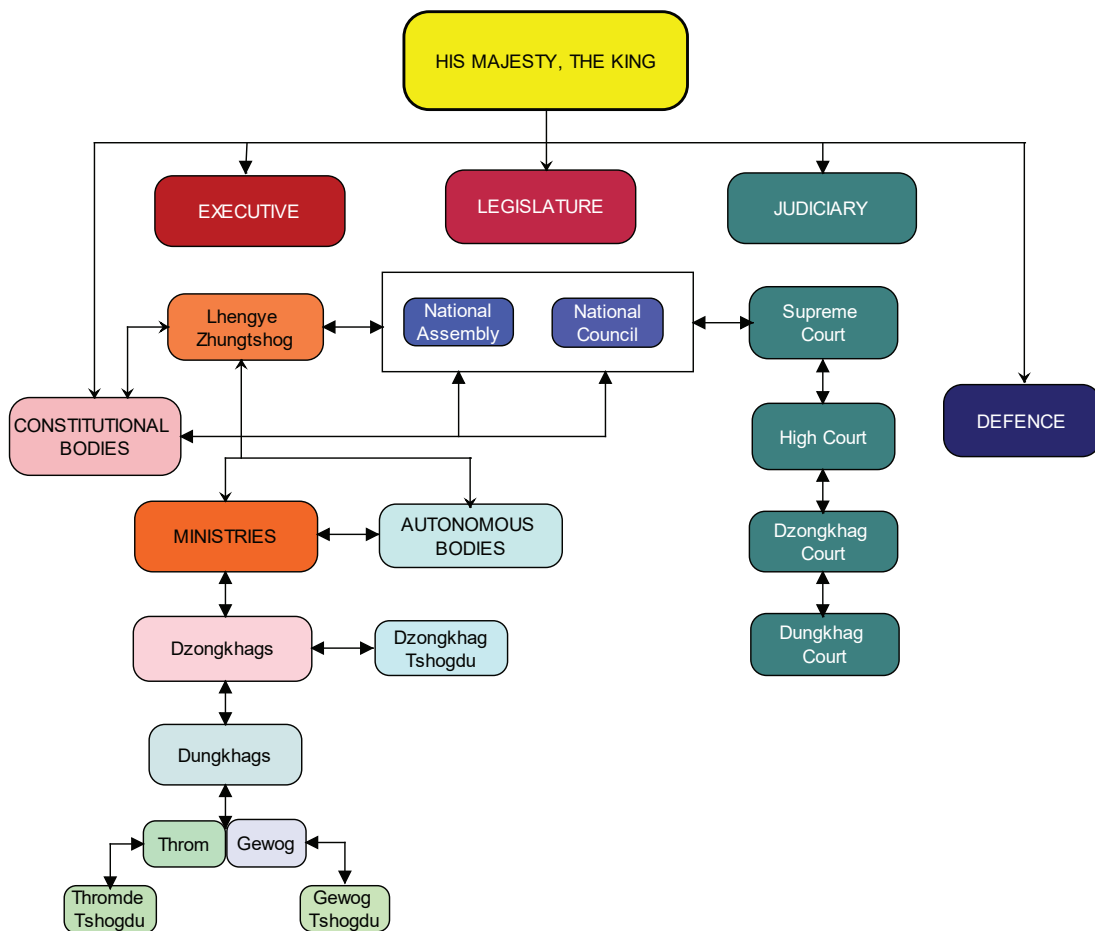


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PREFACE

This Statistical Yearbook of Bhutan (SYB) 2020 publication is the 38th edition. It is a comprehensive and systematic compendium of basic statistical information on the country's socio-economic conditions.

The SYB is expected to serve as the principal source of information for planners, policy makers, researchers and academicians both within and outside Bhutan. The compilation is based on information gathered through periodic statistical censuses and surveys, as well as from administrative data maintained by various ministries, agencies, corporations and private organizations. This publication is also available through electronic services at www.nsb.gov.bt

Every effort has been made to ensure that this publication meets acceptable statistical standards. Data validation, compilation and updating protocols have been strictly observed with all the data disseminating/providing agencies. New data series on topics of interest are included as and when available. Brief explanatory notes on coverage and data sources, wherever possible, have also been provided for the benefit of the users.

The NSB would like to acknowledge the contribution of different ministries, agencies, corporations and private organizations that provided data and information for SYB 2020. In order to improve the quality of the forthcoming issues, we solicit comments and suggestions from the users of this yearbook.

Director
National Statistics Bureau

NOTES FOR USERS

1. Unless otherwise indicated, the present issue of the Yearbook contains statistics available as of December, 2019 and until June 2020.
2. For some tables, there are footnotes indicating information specific to each figure in the table.
3. The following notations are used in the tables:
 - ... not available/not applicable
 - () negative figures
 - CY calendar year (from January to December)
 - FY fiscal year (from July to June, example: 2018/19)

Detail figures in the tables may not add up to the totals because of rounding.

4. When contents of this book are to be quoted or copied in other publication/report, please give due credit by referring the title of this yearbook (Example) **Source: Statistical Yearbook of Bhutan 2020, National Statistics Bureau.**
5. For additional information on data or for any other queries, please refer to the original source or National Statistics Bureau.

UNITS OF MEASUREMENT

Numbering and Scientific notations

Hundred	=	10^2
Thousand	=	10^3
Million	=	10^6
Billion	=	10^9
Trillion	=	10^{12}

A. Length Measurement

Metric Equivalents

10 mm	=	1 cm
10 cm	=	1 dm
10 dm	=	1 m
10 m	=	1 dkm
10 dkm	=	1 hm
10 hm	=	1 km

Abbreviations

mm	=	millimeter
cm	=	centimeter
m	=	meter
dm	=	decimeter
dkm	=	dekameter
dkm	=	dekameter

I. British Units

12 inches	=	1 foot
3 feet	=	1 yard
5.5 yards	=	1 rod, pole
4 poles	=	1 chain
10 chains	=	1 furlong
8 furlongs	=	1 mile

II. Conversion from British to Metric Units (lengths)

1 inch	=	2.539998 cm	1 m	=	39.370113 inches
1 foot	=	0.3047997 m	1 m	=	3.280843 feet
1 yard	=	0.9143992 m	1 m	=	1.093614 yard
1 mile	=	1.609343 km	1 k	=	0.6213717 miles
1 nautical mile	=	1.853182 km			

B. Area Measurements

I. British Units

144 square inches	=	1 square foot
9 square feet	=	1 square yard
30 1/4 yards	=	1 square rod, pole
40 square rod	=	1 rood
4 roods	=	1 acre
640 acres	=	1 square miles

II. Metric Units

100 square mm	=	1 square cm
100 square cm	=	1 square dm
100 square dm	=	1 square m
100 square m	=	1 acre
100 square acres	=	1 hectare
100 hectares	=	1 square km

III. Conversion from British to Metric Units (Area)

1 square yard	=	0.836 square m
1 square feet	=	0.093 square m
1 square inch	=	6.452 square cm
1 square m	=	1.196 square yard
1 square cm	=	0.155 square inch
1 square mile	=	2.590 square km
1 square km	=	0.386 square mile

C. Weight Measurements

I. British Units

16 dram	=	1 ounce
16 ounces	=	1 pound
112 pounds	=	1 cwt (hundredweight)
20 cwt	=	1 ton
14 pounds	=	1 stone

II. Metric Units

10 mg	=	1 cg
10 cg	=	1 dg
10 dg	=	1 g
10 g	=	1 dkg
10 dkg	=	1 hg
10hg	=	1 kg
100 kg	=	1 quintal
200 m	=	1 carat

III. Conversion from British to Metric Units

1 grain	=	0.0648 g
1 ounce	=	31.103 g
1 g	=	15.432 grains
1 pound	=	0.373 kg
1 tone	=	1.016 metric tones

D. Conversion of Air Temperatures

I. Degree Celsius to degree Fahrenheit.

$(9 \times T)/5 + 32$, where "T" is temperature in degree Celsius.

II. Fahrenheit to degree Celsius.

$5 \times (T - 32)/9$, where "T" is temperature in Fahrenheit.

KEY FACTS ABOUT BHUTAN

Land Area (Sq. km)	38,394
Forest Cover (percent)	71 %
Projected Population (in nos.), 2020	748,931
Natural Population Growth Rate (percent), PHCB 2017	0.9
Average Household Size, (PHCB, 2017)	3.9
National Language	Dzongkha
National Currency	Ngultrum (Nu.)
Number of Hospitals, 2019	55
Number of Doctors, 2019	376
Number of Civil Servants, (as of 31st December 2019)	30,032
Number of Schools, Institutes and Centers, 2020	1,928
Number of Teachers, Lecturers, Instructors, Trainers & Facilitators 2020	12,487
Number of Students (Including Institutes & NFE), 2020	247,572
Labour Force Participation Rate, (LFS 2019)	66.4
Unemployment Rate, (LFS 2019)	2.7
Telephone Sets in Use, 2019	21,591
B-Mobile Subscriber (Nos.), 2019	454,212
Tashicell Subscriber (Nos.), 2019	275,027
Postal Infrastructure (Nos.), 2019	91
Total Road Length (Km.), 2019	18,264
Number of Registered Vehicles, June 2020	109,663
Electricity Generation (MU), 2019	8,856.92
Electricity Exports (MU), 2019	6,146.60
Tourist Arrivals (Dollar paying tourist), 2019	61,429
Revenue Earned from Tourism (Million US \$), 2019	88.63
Total Industrial Establishments, June 2020 (Operational)	48,898
Balance of Trade (Million Nu.), 2019	(21,625.00)
Exchange Rate (Calendar Year), Nu. Per US \$, 2019	70.35
Gross International Money Reserves (Million US \$), 2018/19	1064.77
Total Eleventh Plan Budgetary Outlay (Million Nu.) 2018-2023	197,941.66
GDP at Current Market Price (In Million Nu.), 2019	178,201.89
Annual Average Inflation Rate (percent), 2019	2.73
Purchasing Power of Nu. 2019 (Dec 2012 = 100)	72.23

BHUTAN

Location and Extent

Bhutan is a small and landlocked country, situated between China (*Tibet*) and India. It has an area of 38,394 square kilometers. It has east-west dimension (longest) stretching around 300 kilometers and 170 kilometers at its maximum north-south dimension. Bhutan is located in the eastern Himalayas and is mostly mountainous and heavily forested. It shares 470 kilometers long border with Tibet (*China's Xizang Autonomous Region*) in the north and northwest, 605 kilometers with the Indian state of Sikkim in the west, West Bengal in the southwest, Assam in the south and southeast, and Arunachal Pradesh in the east.

About 70 percent of the Kingdom is covered with forests; 7 percent with year-round snow and glaciers; nearly 3 percent is cultivated or agriculture areas; and 4 percent as meadows and pastures, while rest of the land is either barren, rocky or scrubland.

Relief and Surface Features

Bhutan is one of the most rugged mountain terrains in the world. It has elevations ranging from 160 meters to more than 7,000 meters above sea level. Bhutan's highest peak Jhomo Lhari, overlooking the Chumbi Valley in the west, is 7,314 meters above sea level.

In the north, the snowcapped Great Himalayan Range reaches heights of over 7,500 meters above sea level and extends along the Bhutan-China border. The northern region consists of an arc of glaciated mountain peaks with an arctic climate at the highest elevations. Alpine valleys in this region provide pasturage for livestock tended by a sparse population practicing transhumance.

The Inner Himalayas are southward spurs of the Great Himalayan Range. The Black Mountains, in central Bhutan, form a watershed between two major river systems, the Mo Chhu and the Drangme Chhu. Peaks in the Black Mountains range between 1,500 meters and 2,700 meters above sea level, and the fast-flowing rivers have carved out spectacular gorges in the lower mountain areas. The woodlands of the central region provide most of Bhutan's valuable forest production. Eastern Bhutan is divided by yet another southward spur. Western Bhutan has fertile, cultivated valleys and terraced river basins. In the south, the Southern Hills, or Siwalik Hills, the foothills of the Himalayas, are covered with dense deciduous forest, alluvial lowland river valleys, and mountains that reach to around 1,500 meters above sea level. The foothills descend into the subtropical plain.

Climate and Vegetation

The country is divided into three distinct climatic zones: alpine, temperate and subtropical zone. Bhutan's climate is as varied as its altitudes and, like most of Asia, it is affected by the monsoons. The climate is humid and subtropical in the southern plains and foothills, temperate in the inner Himalayan valleys of the central regions, and cold in the north, with year-round snow on the main Himalayan range.

Temperatures vary according to elevation. Most of the central portion of the country experiences a cool, temperate climate year round. In the south, a hot, humid climate helps maintain a fairly even temperature range of between 15° C and 30° C year-round, although temperatures sometimes reach beyond 35° C in the valleys during the summer.

Annual precipitation ranges widely in various parts of the country. In the severe climate of the north, there is only about forty millimeters of annual precipitation--primarily snow. In the temperate central regions, a yearly average of around 1,000 millimeters is more common, and 7,800 millimeters per year has been registered at some locations in the humid, subtropical south, ensuring the thick tropical forest. Thimphu experiences dry winter months (December through February) and almost no precipitation until March, when rainfall averages 20 millimeters a month and increases steadily thereafter to a high of 220 millimeters in August for a total annual rainfall of nearly 650 millimeters.

Bhutan's generally dry spring starts in early March and lasts until mid-April. Summer weather commences in mid-April with occasional showers and continues through the early monsoon rains of late June. The summer monsoon lasts from late June through late September with heavy rains from the southwest. The monsoon weather, blocked from its northward progress by the Himalayas, brings heavy rains, high humidity, flash floods and landslides, and numerous misty, overcast days. Autumn, from late September or early October to late November, follows the rainy season. It is characterized by bright, sunny days and some early snowfalls at higher elevations. From late November until March, winter sets in, with frost throughout much of the country and snowfall common above elevations of 3,000 meters. The winter northeast monsoon brings gale-force winds down through high mountain passes.

There is a pronounced difference in the vegetation cover in three different zones of the country and it is mostly due to the prevalence of varied climatic conditions across the kingdom. The southern foothills are mostly covered by the dense and thick deciduous trees while the inner regions are dotted by an infinite variety of plants, flowers and trees including birch, pine, chestnut, oak, apples, peaches and plums are also grown in the fertile valleys. The northern part with the tundra type of climate allows the growth of coniferous trees and other alpine growths like magnolia, rhododendrons, birch, fir, spruce etc... The vegetation is overall expression of various ecological factors, and it is one of the basic analytical tools for developing and understanding the mountain environment.

Drainage Pattern

Fed by fresh snow each winter and slow melting in the summer, the glaciers bring millions of liters of fresh water to Bhutan and downriver areas each year. Bhutan has four major river systems: the Drangme Chhu; the Puna Tsang Chhu; the Wang Chhu; and the Amo Chhu. Each flows swiftly out of the Himalayas, southerly through the Duars to join the Brahmaputra River in India. The largest river system, the Drangme Chhu, flows southwesterly from India's state of Arunachal Pradesh and has three major tributaries: the Drangme Chhu, Mangde Chhu, and Chamkhar Chhu. These rivers form the Drangme Chhu basin. In the Duars, where eight tributaries join, the Drangme Chhu is called the Manas Chhu. The 320-kilometer-long Puna Tsang Chhu rises in northwestern Bhutan as the Mo Chhu and Pho Chhu, which are fed by the snows and glaciers from the Great Himalayan Range. They flow southerly to Punakha, where they join to form the Puna Tsang Chhu, which flows southerly into India's state of West Bengal. The Wang Chhu, which is 370 kilometers flows southeasterly through west-central Bhutan, drains the Ha, Paro, and Thimphu valleys, and continues through the foothills, before it finally drains into West Bengal. The smallest river system, the Torsa Chhu, known as the Amo Chhu in its northern reaches, flows swiftly through western Bhutan before broadening near Phuntsholing and then flowing into India. Glaciers in northern Bhutan, which cover about 10 percent of the total surface area, are an important renewable source of water for Bhutan's rivers.

Government

On 17th December 1907, the civil and monastic representatives unanimously crowned Ugyen Wangchuck as the first hereditary monarch of Bhutan. It was the strength and the farsightedness of Ugyen Wangchuck that for the first time Bhutan was united under a central authority providing the country with stability and opportunity for development. In 1926 his son Jigme Wangchuck succeeded Ugyen Wangchuck. The third Druk Gyalpo, Jigme Dorji Wangchuck began a campaign of modernization and expansion of Bhutan's government and society based on the accomplishments of his two predecessors in uniting the country under a strong central authority. Hence, the National Assembly consisting of representatives of the people, the Monastic order and civil administration was established in 1953.

The fourth Druk Gyalpo, Jigme Singye Wangchuk became the King in 1972. There had been steady decentralization of decision-making and institute building since then. His Majesty's philosophy of Gross National Happiness guided Bhutan into the 21st century. The most momentous change in the structure of the government came in 1998 after the devolution of the executive power by His Majesty the King to the Council of Ministers. The Fourth Druk Gyalpo initiated the drafting of Bhutan's first Constitution in 2001 and was eventually enacted in 2008. The King abdicated the throne in favour of the crown prince in 2006.

The fifth Druk Gyalpo, His Majesty King Jigme Khesar Namgyel Wangchuck acceded to the throne on December 14, 2006 and was crowned on November 6, 2008. The head of government is the Prime Minister, who is elected from the ruling political party.

Administrative System

The administrative system in the country consists of Central Government and Local Government. The Central Government comprises of Ministries, Departments and Autonomous bodies. The Local Government comprises of Dzongkhag Tshogdu, Gewog Tshogde and the Dzongkhag Thromde Tshogde.

In order to plan and review the development activities most efficiently in the Dzongkhag, the Dzongkhag Tshogdu was established in 1981. The Dzongkhag Tshogdu comprises of elected representatives of the people with its chairman elected among the Gups. Similarly, the Gewog Tshogde was established in 1991 to further decentralize the decision making process. The Gewog Tshogde comprises of Gup, Mangmi and Tshogpas. The main role of the Gewog Tshogde is to plan, prioritize and implement the developmental activities in their respective Gewogs.

The National Assembly

The National Assembly (Gyelyong Tshogdu) consists of 47 members who are elected representatives from the 47 Constituencies. The main functions of the National Assembly are to enact, amend or repeal laws and approve the national budget. The National Assembly also reviews and approves the Five Year Plans which are formulated by the government in consultation with the people of every Dzongkhag. It also deliberates on issues that affect the security and well-being of the country and promotes the welfare and happiness of the people. The National Assembly meets twice a year. However, if an important and emergency matter demands, special sessions of the National Assembly may be convened by the speaker. The duration of the National Assembly session is governed by the nature and scope of the points for discussion received from the people. A session normally lasts about three weeks. The speaker is the presiding officer of the House and is assisted by a Deputy Speaker. The day to day administration of the National Assembly rests with the secretariat which is headed by a secretary.

The National Council

The National Council was established in 2008 under Article 11 of the Constitution of Bhutan. There are 25 members of which 20 are elected by the people from 20 Dzongkhags and the remaining 5 are nominated by His Majesty, the Druk Gyalpo. Their tenure is for five years which commences from the date of the first sitting. The main functions of the National Council are to:

- i. Ensure that the government safeguards the interest of the nation and fulfills the aspirations of the people through public review of policies and issues, bills and other legislation, and scrutiny of state functions.

- ii. Act as the house of review on matters affecting the security and sovereignty of the country and the interests of the nation and people that need to be brought to the notice of His Majesty, the Druk Gyalpo, the Prime Minister and the National Assembly.

The National Council meets twice a year. However, special sessions may also be convened depending upon the needs. The chairperson, who is elected from 25 members of the National Council is the Presiding Officer of the House, and is assisted by a Deputy Chairperson. The National Council has seven working committees; namely the *House Committee, the Legislative Committee, the Economic Affairs Committee, the Social & Cultural Affairs Committee, the Natural Resources and Environment Committee, the Good Governance Committee and the Foreign Relation Committee*. Each committee has a minimum of seven members headed by a Chairperson who is elected from the seven members. The National Council is assisted in the discharge of its parliamentary functions by a secretariat which is headed by a Secretary General.

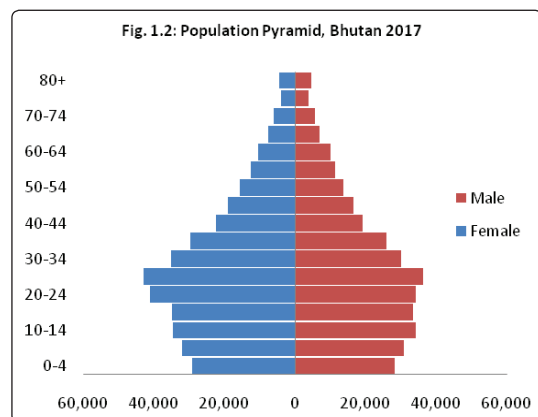
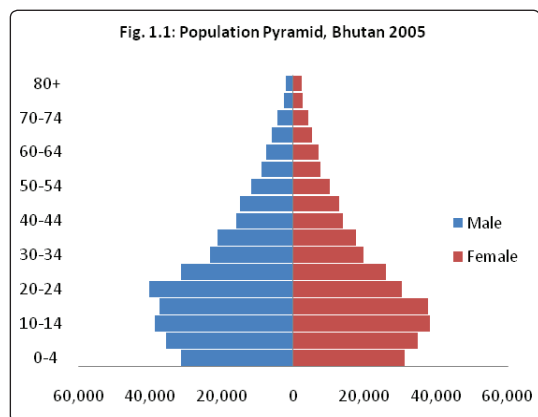
The Monastic Body

The Monastic Body comprises of the Central Monastic Body and the Rabdeys (Dzongkhag Monastic Body). The Central Monastic Body receives annual subsidy from the Government to manage and run its day to day affairs. The Monastic Body is the sole arbiter on religious matters. The Je-Khenpo (Chief Abbot) is the head of the monastic body and is responsible for the nation's religious affairs. He is chosen from among high ranking monks. Apart from being thoroughly versed in all branches of religious scholarship and practice, the candidate must also have undergone prolonged mediation. The present Je-Khenpo Trulku Jigme Chhoeda is the 70th in succession. He was appointed in 1996.

The Je-Khenpo is assisted by five high-ranking Lopens (Masters) viz. Dorji Lopen acts as Deputy Je-Khenpo and the Chief of all Lopens (Masters), Yangbi Lopen *heads the liturgical division inclusive of Sacred Dances, Rituals Arts, and Metrical Ryhme, Drabi Lopen heads Lexicographical division that includes literature, grammar, lexicon, metrics and prosody, Tshenyi Lopen heads the division of Metaphysics and Logic* and Tsugla Lopen is responsible for the higher studies of the monastic Body. There are also monastic bodies in the Dzongkhags headed by Lam Neeten. He is assisted by Umzey, Kudrung and the lopens (teachers) of different areas.

This chapter contains statistics on the basic attributes of population such as the size and the growth of population, its geographical distribution, its structure by sex and age etc. The principle source of data on population is the population and housing census, which is conducted every ten years. The Population and Housing Census in Bhutan was first conducted in May 2005 and the second round of Population and Housing Census was carried out in May 2017 as per the UN standards and had been enumerated using both *de facto* and *de jure* method. The census provides a complete count of the population according to a range of characteristics such as demography, health, education and other social aspects. It is useful not only because they provide a range of current population data but also used as a benchmark for making population estimates in non-census years and for population projections.

The other aspects of population statistics relates to the demographic characteristics of the population. The most common source of information on demography is the vital registration system (which usually covers the registration of births and deaths and sometimes marriages and divorce).



The Statistics presented in this chapter are from the Population and Housing Census of Bhutan 2005 and 2017. The actual resident population enumerated during May 2005 is 634,982 persons out of which 333,595 persons are male and 301,387 are females, while it is 735,553 persons in 2017. The total Bhutanese population found during 2017 PHCB was 681,720 persons. The total urban population in 2005 was 196,111 persons while in 2017 there were 274,316 persons in urban areas. Similarly the total number of rural population in 2005 and 2017 were 438,871 and 452,829 respectively.

The interpretations of demographic indicators are:

Crude Birth Rate:	<i>Number of live births in a year per thousand population.</i>
General Fertility Rate:	<i>Number of live births in a year per thousand women in the childbearing age (15 to 49).</i>
General Marital Fertility Rate:	<i>A ratio of number of births to 1000 married women in the Reproductive ages.</i>
Total Fertility Rate:	<i>Average number of children born by women during their reproductive span of life.</i>
Gross Reproductive Rate:	<i>Measures the extent to which a cohort of newly born girls will replace their mothers under pre-determined schedules of fertility and mortality.</i>
Crude Death Rate:	<i>Number of deaths in a year per thousand population.</i>
Infant Mortality Rate:	<i>Number of deaths during first year of life per thousand live births.</i>
Maternal Mortality Ratio:	<i>The annual number of deaths of women from pregnancy-related causes per 100,000 live births.</i>
Rate of Natural Increase:	<i>The difference between the crude birth rate and the crude death rate.</i>
Dependency Ratio:	<i>Measures the number of dependents as a percentage of population aged 15 to 64. Child dependency refers to children aged 0 to 14 years, while old age dependency refers to persons aged 65 and over.</i>
Index of Aging:	<i>It is the number of persons aged 65 and over as a percentage of the number of persons aged 0 to 14.</i>

Table 1.1: Population by Sex and Dzongkhag/Thromde, 2017

Dzongkhag/Thromde	Number of Persons			Percent			Sex Ratio
	Male	Female	Both Sex	Male	Female	Both Sex	
Bumthang	9,396	8,424	17,820	52.7	47.3	100.0	111.5
Chhukha	36,041	32,925	68,966	52.3	47.7	100.0	109.5
Phuentshogling Thromde	15,052	12,606	27,658	54.4	45.6	100.0	118.9
Other than Phuentshogling Thromde	20,989	20,319	41,308	50.8	49.2	100.0	103.6
Dagana	12,956	12,009	24,965	51.9	48.1	100.0	107.9
Gasa	2,104	1,848	3,952	53.2	46.8	100.0	113.9
Haa	7,435	6,220	13,655	54.4	45.6	100.0	119.5
Lhuentse	7,407	7,030	14,437	51.3	48.7	100.0	105.4
Monggar	18,247	18,903	37,150	49.1	50.9	100.0	96.5
Paro	23,941	22,375	46,316	51.7	48.3	100.0	107.0
Pema Gatsel	11,922	11,710	23,632	50.4	49.6	100.0	101.8
Punakha	15,079	13,661	28,740	52.5	47.5	100.0	110.4
Samdrup Jongkhar	18,329	16,750	35,079	52.3	47.7	100.0	109.4
Samdrup Jongkhar Thromde	5,016	4,309	9,325	53.8	46.2	100.0	116.4
Other than Samdrup Jongkhar Thromde	13,313	12,441	25,754	51.7	48.3	100.0	107.0
Samtse	32,022	30,568	62,590	51.2	48.8	100.0	104.8
Sarpang	24,018	21,986	46,004	52.2	47.8	100.0	109.2
Gelegphu Thromde	5,146	4,712	9,858	52.2	47.8	100.0	108.1
Other than Gelegphu Thromde	18,872	17,274	36,146	52.2	47.8	100.0	109.5
Thimphu	72,522	66,214	138,736	52.3	47.7	100.0	109.5
Thimphu Thromde	58,996	55,555	114,551	51.5	48.5	100.0	106.2
Other than Thimphu Thromde	13,526	10,659	24,185	55.9	44.1	100.0	126.9
Trashigang	23,414	22,104	45,518	51.4	48.6	100.0	105.9
Trashigang Yangtse	8,719	8,581	17,300	50.4	49.6	100.0	101.6
Trongsa	11,878	8,082	19,960	59.5	40.5	100.0	147.0
Tsirang	11,526	10,850	22,376	51.5	48.5	100.0	106.2
Wangdue Phodrang	24,302	17,884	42,186	57.6	42.4	100.0	135.9
Zhemgang	9,195	8,568	17,763	51.8	48.2	100.0	107.3
Bhutan	380,453	346,692	727,145	52.3	47.7	100.0	109.7

Note: Excludes 8,408 tourists/non-Bhutanese found in hotels on the census day

Source: Population & Housing Census of Bhutan, 2017

Table 1.2: Population by Sex, Area and Dzongkhag, 2017

(Number)

Dzongkhag	Number of Persons						Both Areas		
	Urban			Rural			Male	Female	Both Sex
	Male	Female	Both Sex	Male	Female	Both Sex			
Bumthang	3,570	3,066	6,636	5,826	5,358	11,184	9,396	8,424	17,820
Chhukha	18,981	16,540	35,521	17,060	16,385	33,445	36,041	32,925	68,966
Dagana	2,450	2,263	4,713	10,506	9,746	20,252	12,956	12,009	24,965
Gasa	795	571	1,366	1,309	1,277	2,586	2,104	1,848	3,952
Haa	1,680	1,418	3,098	5,755	4,802	10,557	7,435	6,220	13,655
Lhuentse	1,283	992	2,275	6,124	6,038	12,162	7,407	7,030	14,437
Monggar	5,417	4,880	10,297	12,830	14,023	26,853	18,247	18,903	37,150
Paro	6,058	5,855	11,913	17,883	16,520	34,403	23,941	22,375	46,316
Pema Gatsel	4,079	3,546	7,625	7,843	8,164	16,007	11,922	11,710	23,632
Punakha	3,846	3,200	7,046	11,233	10,461	21,694	15,079	13,661	28,740
Samdrup Jongkhar	6,518	5,656	12,174	11,811	11,094	22,905	18,329	16,750	35,079
Samtse	4,803	4,871	9,674	27,219	25,697	52,916	32,022	30,568	62,590
Sarpang	6,798	6,212	13,010	17,220	15,774	32,994	24,018	21,986	46,004
Thimphu	59,453	56,064	115,517	13,069	10,150	23,219	72,522	66,214	138,736
Trashigang	5,379	4,729	10,108	18,035	17,375	35,410	23,414	22,104	45,518
Trashig Yangtse	1,887	1,660	3,547	6,832	6,921	13,753	8,719	8,581	17,300
Trongsa	1,899	1,647	3,546	9,979	6,435	16,414	11,878	8,082	19,960
Tsirang	1,885	1,625	3,510	9,641	9,225	18,866	11,526	10,850	22,376
Wangdue Phodrang	5,217	4,663	9,880	19,085	13,221	32,306	24,302	17,884	42,186
Zhemgang	1,857	1,654	3,511	7,338	6,914	14,252	9,195	8,568	17,763
Bhutan	143,855	131,112	274,967	236,598	215,580	452,178	380,453	346,692	727,145

Note: Excludes 8,408 tourists/non-Bhutanese found in hotels on the census day

Source: Population & Housing Census of Bhutan, NSB, 2017

Table 1.3: Population by Age, Sex and Area, 2017

Age Group	Number of Persons						Both Areas			Sex Ratio		
	Urban			Rural			Male	Female	Both Sex	Urban	Rural	Both Areas
	Male	Female	Both Sex	Male	Female	Both Sex						
0-4	11,071	10,409	21,480	18,105	17,889	35,994	29,176	28,298	57,474	106.4	101.2	103.1
5-9	11,436	11,143	22,579	20,599	19,813	40,412	32,035	30,956	62,991	102.6	104.0	103.5
10-14	12,136	12,163	24,299	22,520	22,133	44,653	34,656	34,296	68,952	99.8	101.7	101.0
15-19	15,073	15,328	30,401	19,606	18,279	37,885	34,679	33,607	68,286	98.3	107.3	103.2
20-24	19,006	16,766	35,772	22,069	17,574	39,643	41,075	34,340	75,415	113.4	125.6	119.6
25-29	18,829	16,898	35,727	23,973	19,580	43,553	42,802	36,478	79,280	111.4	122.4	117.3
30-34	14,792	13,070	27,862	20,267	17,051	37,318	35,059	30,121	65,180	113.2	118.9	116.4
35-39	12,114	10,436	22,550	17,575	15,424	32,999	29,689	25,860	55,549	116.1	113.9	114.8
40-44	8,434	6,486	14,920	13,840	12,735	26,575	22,274	19,221	41,495	130.0	108.7	115.9
45-49	6,848	5,132	11,980	12,017	11,536	23,553	18,865	16,668	35,533	133.4	104.2	113.2
50-54	4,731	3,629	8,360	10,725	10,232	20,957	15,456	13,861	29,317	130.4	104.8	111.5
55-59	2,902	2,600	5,502	9,477	8,919	18,396	12,379	11,519	23,898	111.6	106.3	107.5
60-64	2,160	2,173	4,333	8,338	8,040	16,378	10,498	10,213	20,711	99.4	103.7	102.8
65-69	1,483	1,519	3,002	6,102	5,550	11,652	7,585	7,069	14,654	97.6	109.9	107.3
70-74	1,072	1,332	2,404	4,804	4,260	9,064	5,876	5,592	11,468	80.5	112.8	105.1
75-79	803	914	1,717	3,162	2,992	6,154	3,965	3,906	7,871	87.9	105.7	101.5
80-84	544	630	1,174	2,107	2,116	4,223	2,651	2,746	5,397	86.3	99.6	96.5
85+	421	484	905	1,312	1,457	2,769	1,733	1,941	3,674	87.0	90.0	89.3
All Ages	143,855	131,112	274,967	236,598	215,580	452,178	380,453	346,692	727,145	109.7	109.7	109.7

Note: Excludes 8,408 tourists/non-Bhutanese found in hotels on the census day

Source: Population & Housing Census of Bhutan, NSB, 2017

Table 1.4: Population by Broad Age Groups, Dependency Ratios, Ageing Index and Dzongkhag/Thromde, 2017

Dzongkhag/Thromde	Population by Broad Age Groups			
	0 - 14	15 - 64	65+	
Bumthang	4,930	11,657	1,233	
Chhukha	17,078	48,963	2,925	
Phuentshogling Thromde	5,767	21,186	705	
Other than Phuentshogling Thromde	11,311	27,777	2,220	
Dagana	7,024	16,277	1,664	
Gasa	1,086	2,636	230	
Haa	3,582	9,298	775	
Lhuentse	4,263	9,006	1,168	
Monggar	11,399	23,108	2,643	
Paro	11,406	32,161	2,749	
Pema Gatshel	6,512	14,812	2,308	
Punakha	7,364	19,547	1,829	
Samdrup Jongkhar	9,810	23,105	2,164	
Samdrup Jongkhar Thromde	2,489	6,561	275	
Other than Samdrup Jongkhar Thromde	7,321	16,544	1,889	
Samtse	16,884	41,665	4,041	
Sarpang	11,215	32,177	2,612	
Gelegphu Thromde	2,149	7,332	377	
Other than Gelegphu Thromde	9,066	24,845	2,235	
Thimphu	32,861	100,559	5,316	
Thimphu Thromde	27,237	83,224	4,090	
Other than Thimphu Thromde	5,624	17,335	1,226	
Trashigang	12,596	29,560	3,362	
Trashi Yangtse	5,582	10,498	1,220	
Trongsa	4,124	14,735	1,101	
Tsirang	5,874	14,733	1,769	
Wangdue Phodrang	10,689	29,113	2,384	
Zhemgang	5,138	11,054	1,571	
Bhutan	189,417	494,664	43,064	

Note: Excludes 8,408 tourists/non-Bhutanese found in hotels on the census day

Source: Population & Housing Census of Bhutan, NSB, 2017

		Dependency Ratio			Ageing Index
	Total	Child Dependency Ratio	Old Age Dependency Ratio	Total Dependency Ratio	
	17,820	42.3	10.6	52.9	25.0
	68,966	34.9	6.0	40.9	17.1
	27,658	27.2	3.3	30.5	12.2
	41,308	40.7	8.0	48.7	19.6
	24,965	43.2	10.2	53.4	23.7
	3,952	41.2	8.7	49.9	21.2
	13,655	38.5	8.3	46.9	21.6
	14,437	47.3	13.0	60.3	27.4
	37,150	49.3	11.4	60.8	23.2
	46,316	35.5	8.5	44.0	24.1
	23,632	44.0	15.6	59.5	35.4
	28,740	37.7	9.4	47.0	24.8
	35,079	42.5	9.4	51.8	22.1
	9,325	37.9	4.2	42.1	11.0
	25,754	44.3	11.4	55.7	25.8
	62,590	40.5	9.7	50.2	23.9
	46,004	34.9	8.1	43.0	23.3
	9,858	29.3	5.1	34.5	17.5
	36,146	36.5	9.0	45.5	24.7
	138,736	32.7	5.3	38.0	16.2
	114,551	32.7	4.9	37.6	15.0
	24,185	32.4	7.1	39.5	21.8
	45,518	42.6	11.4	54.0	26.7
	17,300	53.2	11.6	64.8	21.9
	19,960	28.0	7.5	35.5	26.7
	22,376	39.9	12.0	51.9	30.1
	42,186	36.7	8.2	44.9	22.3
	17,763	46.5	14.2	60.7	30.6
	727,145	38.3	8.7	47.0	22.7

Table 1.5: Population Density by Dzongkhag, 2005 and 2017

Dzongkhag	Area (km ²)	Population		Density (Population per km ²)	
		2005	2017	2005	2017
Bumthang	2,717	16,116	17,820	6	7
Chhukha	1,880	74,387	68,966	40	37
Dagana	1,723	18,222	24,965	11	14
Gasa	3,118	3,116	3,952	1	1
Haa	1,905	11,648	13,655	6	7
Lhuentse	1,944	15,395	14,437	8	7
Monggar	2,859	37,069	37,150	13	13
Paro	1,293	36,433	46,316	28	36
Pema Gatshel	1,030	13,864	23,632	13	23
Punakha	1,110	17,715	28,740	16	26
Samdrup Jongkhar	1,878	39,961	35,079	21	19
Samtse	1,305	60,100	62,590	46	48
Sarpang	1,946	41,549	46,004	21	24
Thimphu	2,067	98,676	138,736	48	67
Trashigang	3,066	51,134	45,518	17	15
Trashigang Yangtse	1,438	17,740	17,300	12	12
Trongsa	1,807	13,419	19,960	7	11
Tsirang	639	18,667	22,376	29	35
Wangdue Phodrang	4,308	31,135	42,186	7	10
Zhemgang	2,421	18,636	17,763	8	7
Bhutan	38,394	634,982	727,145	17	19

Note: Excludes 8,408 tourists/non-Bhutanese found in hotels on the census day

Source: Population & Housing Census of Bhutan, NSB, 2017

Table 1.6: Mean Age at First Birth by Dzongkhag, 2017

Dzongkhag	Urban	Rural	Both Areas
Bumthang	22	22	22
Chhukha	22	21	21
Dagana	21	20	20
Gasa	21	21	21
Haa	22	22	22
Lhuentse	21	20	20
Monggar	22	20	21
Paro	22	22	22
Pema Gatshel	21	21	21
Punakha	22	21	21
Samdrup Jongkhar	21	21	21
Samtse	21	21	21
Sarpang	21	21	21
Thimphu	22	22	22
Trashigang	22	21	21
Trashigang Yangtse	22	21	21
Trongsa	21	21	21
Tsirang	22	21	21
Wangdue Phodrang	22	21	21
Zhemgang	22	20	21
Bhutan	22	21	21

Source: Population & Housing Census of Bhutan, 2017

Table 1.7: Crude Birth Rate, Total Fertility Rate, Crude Death Rate, General Fertility Rate, Infant Mortality Rate, Child Mortality Rate and Under 5 Mortality Rate by Dzongkhag/Thromde, 2017

Dzongkhag /Thromde	Crude Birth Rate (CBR)	Total Fertility Rate (TFR)	Crude Death Rate (CDR)	
Bumthang	16.6	2.0	5.8	
Chhukha	16.1	1.6	6.1	
Phuentshogling Thromde	18.5	...	...	
Other than Phuentshogling Thromde	14.5	...	6.7	
Dagana	13.7	1.8	8.0	
Gasa	15.9	2.1	6.8	
Haa	14.3	1.8	6.6	
Lhuentse	16.6	2.3	8.3	
Monggar	15.8	2.0	8.2	
Paro	14.9	1.5	6.4	
Pema Gatshel	14.3	1.9	7.8	
Punakha	15.2	1.8	6.2	
Samdrup Jongkhar	15.0	1.9	7.9	
Samdrup Jongkhar Thromde	17.6	...	...	
Other than Samdrup Jongkhar Thromde	14.0	...	8.4	
Samtse	12.1	1.4	6.7	
Sarpang	13.3	1.5	6.4	
Gelegphu Thromde	13.5	...	...	
Other than Gelegphu Thromde	13.3	...	6.6	
Thimphu	18.7	1.7	5.2	
Thimphu Thromde	19.2	...	...	
Other than Thimphu Thromde	16.4	...	5.0	
Trashigang	12.8	1.6	8.6	
Trashigang Yangtse	16.6	2.3	7.1	
Trongsa	15.3	1.9	6.0	
Tsirang	12.9	1.7	7.4	
Wangdue Phodrang	16.9	2.3	8.1	
Zhemgang	15.3	2.2	6.8	
Bhutan	15.5	1.7	6.7	

Source: Population & Housing Census of Bhutan, NSB, 2017

	General Fertility Rate (GFR)	Infant Mortality Rate (IMR)	Child Mortality Rate (CMR)	Under Five Mortality Rate (USMR)
	65.0	10.2	10.2	20.3
	55.0	14.4	18.0	32.4
	59.2	15.7	21.5	37.2
	51.9	13.3	15.0	28.3
	53.7	26.3	26.3	52.6
	64.9	63.5	47.6	111.1
	56.9	25.6	20.5	46.2
	68.8	16.7	33.5	50.2
	60.5	13.6	32.4	46.0
	52.5	7.3	13.1	20.3
	59.3	26.6	20.7	47.3
	56.4	16.0	16.0	32.0
	58.6	17.1	41.9	59.0
	61.8	30.5	30.5	61.0
	57.2	11.1	47.1	58.2
	45.0	13.2	22.5	35.7
	48.3	14.7	18.0	32.7
	43.7	7.5	30.1	37.6
	49.7	16.7	14.6	31.3
	61.2	6.5	6.5	13.1
	61.0	5.4	5.4	10.9
	62.6	12.6	12.6	25.2
	49.8	20.7	34.4	55.1
	69.2	10.4	10.4	20.8
	64.6	16.4	6.6	23.0
	50.4	17.4	31.3	48.6
	74.4	33.7	25.3	59.0
	64.7	22.1	18.4	40.4
	57.3	15.1	19.0	34.1

Table 1.8: Projected Total Population of Bhutan, 2018 - 2047

(Number)

Year	Total Population by Sex		
	Male	Female	Total
2018	383,909	350,465	734,374
2019	387,402	354,270	741,672
2020	390,877	358,054	748,931
2021	394,323	361,806	756,129
2022	397,731	365,518	763,249
2023	401,092	369,184	770,276
2024	404,411	372,813	777,224
2025	407,663	376,380	784,043
2026	410,840	379,878	790,718
2027	413,950	383,314	797,264
2028	416,964	386,662	803,626
2029	419,871	389,914	809,785
2030	422,679	393,076	815,755
2031	425,362	396,123	821,485
2032	427,911	399,046	826,957
2033	430,349	401,869	832,218
2034	432,686	404,602	837,288
2035	434,912	407,237	842,149
2036	437,019	409,765	846,784
2037	438,999	412,177	851,176
2038	440,857	414,479	855,336
2039	442,603	416,683	859,286
2040	444,238	418,790	863,028
2041	445,764	420,802	866,566
2042	447,180	422,720	869,900
2043	448,492	424,551	873,043
2044	449,706	426,301	876,007
2045	450,825	427,972	878,797
2046	451,849	429,567	881,416
2047	452,779	431,087	883,866

Source: Population Projections Bhutan, 2017 - 2047, National Statistics Bureau

Table 1.9: Projected Population By Sex And Dzongkhag, 2018 - 2047

(Number)

Dzongkhag	2018			2019		
	Male	Female	Total	Male	Female	Total
Bumthang	9,411	8,507	17,917	9,425	8,590	18,015
Chhukha	36,048	33,109	69,157	36,052	33,292	69,344
Dagana	13,048	12,075	25,122	13,140	12,140	25,280
Gasa	2,139	1,879	4,019	2,175	1,911	4,086
Haa	7,454	6,236	13,690	7,473	6,252	13,725
Lhuentse	7,337	6,951	14,288	7,265	6,869	14,134
Monggar	18,108	18,909	37,017	17,965	18,912	36,877
Paro	24,335	22,885	47,220	24,735	23,402	48,137
Pema Gatshel	11,940	11,734	23,673	11,957	11,756	23,713
Punakha	15,306	13,840	29,146	15,535	14,022	29,557
Samdrup Jongkhar	18,321	16,739	35,060	18,311	16,725	35,037
Samtse	31,981	30,719	62,700	31,938	30,868	62,806
Sarpang	24,350	22,340	46,689	24,686	22,698	47,383
Thimphu	74,249	68,321	142,570	76,002	70,464	146,466
Trashigang	23,145	21,878	45,023	22,869	21,644	44,513
Trashigang Yangtse	8,660	8,531	17,191	8,599	8,479	17,078
Trongsa	12,312	8,216	20,528	12,754	8,352	21,105
Tsirang	11,664	10,989	22,653	11,803	11,130	22,934
Wangdue Phodrang	24,985	18,117	43,102	25,679	18,353	44,032
Zhemgang	9,118	8,491	17,609	9,039	8,411	17,450
Bhutan	383,909	350,465	734,374	387,402	354,270	741,672

Cont...

Table 1.9 cont...

Dzongkhag	2020			2021		
	Male	Female	Total	Male	Female	Total
Bumthang	9,437	8,673	18,110	9,448	8,755	18,203
Chhukha	36,049	33,470	69,519	36,037	33,640	69,678
Dagana	13,232	12,204	25,435	13,321	12,264	25,586
Gasa	2,211	1,943	4,154	2,247	1,975	4,222
Haa	7,491	6,267	13,757	7,507	6,279	13,786
Lhuentse	7,191	6,783	13,973	7,113	6,693	13,806
Monggar	17,816	18,909	36,726	17,661	18,901	36,561
Paro	25,137	23,924	49,061	25,540	24,450	49,990
Pema Gatshel	11,972	11,776	23,748	11,985	11,792	23,777
Punakha	15,766	14,203	29,968	15,997	14,383	30,380
Samdrup Jongkhar	18,297	16,707	35,004	18,279	16,682	34,961
Samtse	31,887	31,012	62,899	31,827	31,150	62,977
Sarpang	25,023	23,057	48,079	25,360	23,417	48,776
Thimphu	77,772	72,632	150,404	79,555	74,824	154,379
Trashigang	22,584	21,398	43,982	22,288	21,141	43,429
Trashhi Yangtse	8,535	8,423	16,958	8,468	8,363	16,831
Trongsa	13,200	8,488	21,688	13,652	8,624	22,276
Tsirang	11,943	11,271	23,214	12,082	11,411	23,493
Wangdue Phodrang	26,381	18,588	44,969	27,088	18,823	45,911
Zhemgang	8,956	8,327	17,283	8,870	8,239	17,109
Bhutan	390,877	358,054	748,931	394,323	361,806	756,129

Cont...

Table 1.9 cont...

Dzongkhag	2022			2023		
	Male	Female	Total	Male	Female	Total
Bumthang	9,456	8,835	18,291	9,482	8,915	18,397
Chhukha	36,016	33,804	69,820	36,061	33,959	70,020
Dagana	13,410	12,322	25,732	13,524	12,378	25,901
Gasa	2,283	2,007	4,290	2,324	2,039	4,362
Haa	7,522	6,290	13,812	7,550	6,299	13,850
Lhuentse	7,032	6,599	13,631	6,963	6,501	13,464
Monggar	17,498	18,886	36,383	17,364	18,864	36,228
Paro	25,944	24,979	50,922	26,402	25,510	51,912
Pema Gatshel	11,994	11,805	23,799	12,026	11,814	23,840
Punakha	16,228	14,562	30,790	16,492	14,741	31,233
Samdrup Jongkhar	18,256	16,652	34,908	18,266	16,615	34,881
Samtse	31,759	31,280	63,038	31,747	31,402	63,149
Sarpang	25,696	23,776	49,472	26,086	24,135	50,221
Thimphu	81,349	77,038	158,386	83,323	79,270	162,593
Trashigang	21,981	20,871	42,852	21,710	20,589	42,298
Trashhi Yangtse	8,397	8,300	16,697	8,341	8,232	16,573
Trongsa	14,108	8,761	22,868	14,253	8,897	23,150
Tsirang	12,220	11,551	23,771	12,384	11,689	24,073
Wangdue Phodrang	27,802	19,056	46,858	28,090	19,288	47,377
Zhemgang	8,781	8,145	16,926	8,706	8,048	16,753
Bhutan	397,731	365,518	763,249	401,092	369,184	770,276

Cont...

Table 1.9 cont...

Dzongkhag	2024			2025		
	Male	Female	Total	Male	Female	Total
Bumthang	9,506	8,993	18,499	9,527	9,070	18,597
Chhukha	36,098	34,107	70,205	36,124	34,246	70,371
Dagana	13,637	12,430	26,067	13,747	12,479	26,227
Gasa	2,365	2,071	4,435	2,406	2,102	4,508
Haa	7,578	6,307	13,884	7,603	6,312	13,915
Lhuentse	6,891	6,399	13,290	6,815	6,293	13,109
Monggar	17,223	18,837	36,060	17,076	18,802	35,878
Paro	26,861	26,044	52,905	27,320	26,579	53,899
Pema Gatshel	12,056	11,819	23,875	12,082	11,821	23,903
Punakha	16,757	14,918	31,676	17,022	15,094	32,116
Samdrup Jongkhar	18,271	16,573	34,845	18,272	16,524	34,796
Samtse	31,728	31,517	63,245	31,698	31,623	63,322
Sarpang	26,475	24,494	50,969	26,863	24,851	51,714
Thimphu	85,309	81,524	166,833	87,302	83,793	171,095
Trashigang	21,428	20,295	41,723	21,135	19,988	41,123
Trashie Yangtse	8,282	8,160	16,442	8,219	8,085	16,304
Trongsa	14,397	9,033	23,430	14,539	9,169	23,708
Tsirang	12,547	11,827	24,373	12,708	11,963	24,671
Wangdue Phodrang	28,376	19,518	47,894	28,658	19,746	48,404
Zhemgang	8,627	7,946	16,573	8,545	7,839	16,384
Bhutan	404,411	372,813	777,224	407,663	376,380	784,043

Cont...

Table 1.9 cont...

Dzongkhag	2026			2027		
	Male	Female	Total	Male	Female	Total
Bumthang	9,546	9,144	18,690	9,562	9,217	18,780
Chhukha	36,140	34,376	70,515	36,145	34,496	70,641
Dagana	13,855	12,525	26,380	13,961	12,567	26,528
Gasa	2,447	2,134	4,581	2,487	2,166	4,653
Haa	7,627	6,315	13,942	7,648	6,316	13,964
Lhuentse	6,737	6,183	12,919	6,655	6,068	12,723
Monggar	16,920	18,760	35,680	16,758	18,711	35,469
Paro	27,778	27,115	54,892	28,235	27,651	55,886
Pema Gatshel	12,105	11,818	23,924	12,125	11,812	23,937
Punakha	17,285	15,267	32,552	17,547	15,439	32,986
Samdrup Jongkhar	18,266	16,468	34,735	18,255	16,406	34,661
Samtse	31,659	31,720	63,379	31,609	31,808	63,417
Sarpang	27,249	25,206	52,455	27,633	25,559	53,192
Thimphu	89,300	86,074	175,374	91,304	88,368	179,672
Trashigang	20,832	19,668	40,499	20,517	19,335	39,853
Trash Yangtse	8,153	8,004	16,158	8,084	7,920	16,004
Trongsa	14,679	9,304	23,983	14,817	9,438	24,256
Tsirang	12,869	12,097	24,966	13,028	12,230	25,259
Wangdue Phodrang	28,936	19,971	48,907	29,210	20,194	49,404
Zhemgang	8,458	7,727	16,185	8,368	7,611	15,979
Bhutan	410,840	379,878	790,718	413,950	383,314	797,264

Cont...

Table 1.9 cont...

Dzongkhag	2032			2037		
	Male	Female	Both Sex	Male	Female	Both Sex
Bumthang	9,593	9,545	19,138	9,539	9,807	19,346
Chhukha	35,965	34,919	70,884	35,446	35,043	70,489
Dagana	14,437	12,713	27,150	14,816	12,750	27,566
Gasa	2,687	2,318	5,006	2,878	2,461	5,338
Haa	7,718	6,283	14,001	7,723	6,188	13,912
Lhuentse	6,185	5,430	11,616	5,626	4,693	10,319
Monggar	15,805	18,340	34,144	14,641	17,766	32,407
Paro	30,475	30,302	60,777	32,599	32,865	65,464
Pema Gatshel	12,159	11,706	23,865	12,086	11,481	23,567
Punakha	18,827	16,247	35,073	20,027	16,962	36,988
Samdrup Jongkhar	18,093	15,979	34,072	17,755	15,369	33,124
Samtse	31,167	32,078	63,245	30,411	32,064	62,475
Sarpang	29,494	27,259	56,753	31,221	28,828	60,049
Thimphu	101,316	99,886	201,203	111,128	111,324	222,452
Trashigang	18,744	17,472	36,216	16,674	15,304	31,978
Trashis Yangtse	7,671	7,429	15,100	7,159	6,831	13,991
Trongsa	15,457	10,087	25,545	16,003	10,690	26,693
Tsirang	13,791	12,854	26,645	14,484	13,403	27,887
Wangdue Phodrang	30,482	21,242	51,724	31,569	22,167	53,736
Zhemgang	7,845	6,954	14,799	7,214	6,182	13,396
Bhutan	427,911	399,046	826,957	438,999	412,177	452,779

Cont...

Table 1.9 cont...

Dzongkhag	2042			2047		
	Male	Female	Both Sex	Male	Female	Both Sex
Bumthang	9,405	10,005	19,410	9,205	10,149	19,353
Chhukha	34,614	34,888	69,501	33,520	34,506	68,025
Dagana	15,097	12,684	27,781	15,291	12,536	27,827
Gasa	3,055	2,591	5,646	3,221	2,711	5,932
Haa	7,666	6,037	13,704	7,557	5,842	13,399
Lhuentse	4,991	3,873	8,864	4,297	2,991	7,288
Monggar	13,294	17,014	30,308	11,804	16,120	27,923
Paro	34,581	35,312	69,892	36,419	37,648	74,067
Pema Gatshel	11,912	11,148	23,061	11,653	10,731	22,383
Punakha	21,133	17,580	38,713	22,148	18,116	40,264
Samdrup Jongkhar	17,256	14,597	31,852	16,622	13,698	30,320
Samtse	29,368	31,788	61,156	28,089	31,298	59,388
Sarpang	32,794	30,255	63,048	34,218	31,556	65,774
Thimphu	120,595	122,531	243,126	129,672	133,481	263,152
Trashigang	14,355	12,881	27,236	11,844	10,266	22,110
Trashis Yangtse	6,562	6,142	12,703	5,896	5,382	11,278
Trongsa	16,451	11,240	27,691	16,809	11,745	28,555
Tsirang	15,099	13,875	28,974	15,641	14,281	29,923
Wangdue Phodrang	32,463	22,967	55,430	33,182	23,658	56,840
Zhemgang	6,489	5,313	11,803	5,692	4,371	10,063
Bhutan	447,180	422,720	869,900	452,779	431,087	883,866

Source: Dzongkhag Population Projections, 2017 - 2027, NSB.

Cont...

Guided by the national development philosophy of Gross National Happiness, the health sector envisions building “a healthy and happy nation through a dynamic professional health system with attainment of highest standard of health for the people within the broader framework of overall national development, in the spirit of social justice and equity.”

Since the early years (1960s) of the introduction of modern health care development in Bhutan (Allopathic), the health programmes and interventions have focused on the preventive aspects of health care and services including, the prevention of morbidity, the promotion of positive determinants of health, and the control of infectious disease. These measures were further being reinforced after being signatory to the Alma Ata declaration in 1978.

There have been a continuous efforts and remarkable strides in improving the modern health care systems and services since then. The Ministry of Health has now a wide spread network of Health Facilities covering around 95 percent of the total population within three hours walking distance from the health facility. Institutional health facilities were earlier concentrated in the urban agglomerated centers, but today the emphasis has shifted to the rural areas where the majority of the population live.

Health Care is delivered in a totally integrated three-tiered system with National Referral Hospital at the apex, regional referral hospitals, district hospitals, and Basic Health Units (BHUs) at the Community Level. BHUs serve remote populace and are staffed by well-trained health personnel who are equipped to treat minor ailments and advice on preventive measures to avoid the spread of communicable diseases. Extended Health Centers such as Out Reach Clinics (ORCs) and Sub-posts support these BHUs.

There are also a number of special health programs in Bhutan administered by the Ministry of Health. These mainly cover Expanded Program on Immunization (EPI), Reproductive Health (RH), Acute Respiratory Infection (ARI) later upgraded to Integrated Management of Neonatal and Childhood Illness (IMNCI), National HIV/AIDS & STIs Control Program (NACP), National Tuberculosis Control Program (NTCP), National Leprosy Program, Rural Water Supply & Sanitation Program (RWSS), Village Health Workers Program (VHW), Vector Borne Disease Control Program (VDCP), Mental Health Program, among others.

Therefore, in order to provide some account of health sector in Bhutan, this chapter presents statistics covering health infrastructures, top ten morbidity and mortality, outpatient and inpatient cases, immunizations, nutrition, maternal health, child health, family planning and sanitation.

Table 2.1: Summary of Health Facilities and Personnel, Bhutan, (2015-2019)

(Number)

Facilities	2015	2016	2017	2018	2019
Number of Hospitals ¹	31	30	32	33	55
Public Hospitals	24	24	26	27	49
RBA Hospitals	3	3	2	2	2
Indigenous Hospital	1	1	1	1	1
IMTART Hospitals	3	3	3	3	3
Number of Basic Health Units ²	207	210	208	209	186
Number of Outreach Clinics ³	562	553	551	551	542
Number of Indigenous Units	54	59	66	66	70
Number of Sub-post	28	49	45	53	53
Persons per doctor ⁴	3,016	2,570	2,132	2,179	2,239
Ratio of beds per Nurse	1.2	1.1	1.1	1.1	0.8
Ratio of Nurses per Doctor	4.3	4.0	3.6	3.5	4.3
Doctors per (10,000) persons	3.3	3.9	4.3	4.6	4.3
Nurses per (10,000) persons	14.1	15.4	16.2	16.5	18.6
Pharmacists per (10,000) persons	0.2	0.3	0.5	0.6	0.6
HA/BHW per (10,000) persons	8.5	8.6	8.1	8.3	8.4
Dungtshos per (10,000) persons	0.6	0.7	0.7	0.7	0.7
sMempas per (10,000) persons	1.3	1.4	1.4	1.5	1.6
Persons per hospital bed	593	602	569	552	442
Number of hospital beds available	1,277	1,277	1,277	1,310	1,600
Hospital bed per 10,000 persons	17	17	18	18	22
Distribution of health facilities per (10,000) persons	3.5	3.5	3.8	3.8	3.8
Proportion of population within 3 hrs walking distance of a health facility (%)	>90	>90	>90	>90	>90
Population access to safe drinking water (%)	95.0	95.0	97.7	98.6	98.6
Deliveries attended by trained personnel(%)	89.0	89.0	96.4	96.2	96.2

Note: ¹Includes 10 bedded hospitals

²Satellite Clinics included (BHU also know as Primary Health Centers)

³ORC (Inclusive of with shed & without shed)

⁴The population is based on latest PHCB 2017 and Population Projections Bhutan, 2017 - 2047, NSB

Source: Annual Health Bulletin 2020, MoH.

Table 2.2: Type of Health Facilities by Dzongkhag, 2019

(Number)

District	Facility Type				ORC with shed	ORC without shed
	Hospital	BHU/PHC	Sub-post	Ind. Unit		
Bumthang	1	5	0	3	8	0
Chhukha	5	13	2	5	42	6
Dagana	3	7	0	3	29	4
Gasa	1	3	0	1	4	2
Haa	1	4	2	3	8	8
Lhuentse	1	14	0	3	33	1
Monggar	2	22	5	5	44	3
Paro	1	3	3	1	18	2
Pema Gatshel	2	11	7	4	31	5
Punakha	1	7	1	2	9	0
Samdrup Jongkhar	5	7	3	7	25	5
Samtse	4	12	5	4	45	7
Sarpang	2	11	1	3	10	2
Thimphu	4	12	0	2	7	10
Trashigang	7	13	5	7	49	3
Trashigang	2	7	2	2	26	0
Trongsa	1	6	4	4	19	0
Tsirang	1	8	0	2	16	4
Wangdue Phodrang	2	10	8	4	17	6
Zhemgang	3	11	5	4	28	6
Total	49	186	53	69	468	74

Note: a. RBA, IMTART and Indigenous hospital are excluded.

b. Satellite clinics are included under PHC.

Source: Annual Health Bulletin 2020, MoH.

Table 2.3: Health Personnel by Category, 2015 - 2019

(Number)

Health personnel	2015	2016	2017	2018	2019
Specialists	...	...	...	92	114
MO/GDMO	...	...	...	186	204
Dental Surgeon	...	...	...	59	58
Medical Technologist	...	...	...	181	205
Speech Therapist/Audiologist	...	...	...	3	5
Lab Technologyist/Entomologist	...	...	...	53	69
Pharmacist	15	23	36	44	43
Physiotherapist/Occupational Therapist	12	18	21	27	28
Orthotic/prosthetic Technology	...	...	...	1	1
Clinical Officer	35	30	25	21	26
Radio Technologist	...	...	...	8	8
Dietician/Nutritionist	...	...	...	24	25
Medical Technicians	...	...	...	908	1,008
Nurses Anesthetist	...	...	...	21	29
OT Tech.	...	...	...	41	54
EMRO/EMT	...	...	...	39	32
Dental Hygienist	...	...	...	67	67
Dental Technician	...	...	...	39	37
ENT Tech.	...	...	...	24	30
Lab Tech./Asst.	...	...	...	256	258
Malaria Tech.	...	...	...	34	37
Optometrist/Ophthalmic Tech.	...	...	...	62	65
Ortho Tech.	...	...	...	27	25
Pharmacy Tech.	...	...	...	150	172
Physio Tech.	...	...	...	64	65
X-Ray/Radiographer	...	...	...	48	49
USG/CT/MRI/Mamo/Echo	...	...	...	54	62
Health Assistants	548	592	600	604	620
Nursing	...	...	...	1,202	1,364
Clinical Nurse	...	...	...	84	193
Staff/Asst. Nurse	...	...	...	1,118	1,171
Traditional Medicine	...	...	...	166	170
Drungtsho	47	54	55	53	54
Menpa/Therapy Aide	100	105	113	113	116
Adm. & Support	...	...	...	1,869	2,184
Adm. & Support	1,112	1,066	1,010	882	1,031
ESP/GSP	594	594	594	987	1,153

Source: Annual Health Bulletin 2020, MoH.

Table 2.4: Top Ten Morbidity, 2015-2019

(Number)

Diseases	2019
Common Cold	264,298
Other Disorders of Skin & Subcutaneous-tissues	99,200
Other Diseases of the Digestive System	95,141
Other Musculo-skeletal Disorders	92,434
Skin Infections	82,144
Other Nervous including Peripheral Disorders	67,399
Acute Pharyngitis/Tonsilitis	65,344
Other Respiratory & Nose Diseases	64,355
Peptic Ulcer Syndrome	54,927
Dental Caries	51,282
Diseases	2018
Common Cold	105,838
Other Disorders of Skin and Subcutaneous Tissue	43,523
Other Nervous including Peripheral Disorders	41,620
Other Diseases of the Digestive System	39,313
Skin Infections	36,817
Other Musculo-Skeletal Disorders	33,736
Other Respiratory & Nose Diseases	26,313
Acute Pharyngitis/ Tonsillitis	24,194
Other Eye Disorders	21,170
Peptic Ulcer Syndrome	20,091
Diseases	2017
Common Cold	234,446
Other Diseases of the Digestive System	97,083
Other Disorders of Skin and Subcutaneous tissue	96,328
Other Musculo-Skeletal Disorders	91,409
Skin Infections	83,480
ANC, Immunization and Other Counselling	79,991
Acute Pharyngitis/Tonsilitis	69,501
Other Nervous including Peripheral Disorders	62,945
Other Respiratory and Nose Diseases	58,293
Peptic Ulcer Syndrome	52,331
Diseases	2016
Common Cold	286,106

Cont...

Table 2.4 cont...

(Number)

Diseases	2016
Other Disorders of Skin and Subcutaneous tissue	108,906
Other Diseases of the Digestive System	103,926
Other Musculo-Skeletal Disorders	98,961
Skin Infections	92,004
Acute Pharyngitis/Tonsilitis	77,117
ANC, Immunization and Other Counselling	73,698
Other Nervous including Peripheral Disorders	68,223
Peptic Ulcer Syndrome	63,583
Other Respiratory and Nose Diseases	63,362
Diseases	2015
Common Cold	275,951
Skin Infections	92,173
Other Musculo- skeletal disorders	95,213
Other Diseases of the Digestive System	94,891
Other Disorders of Skin and Subcutaneous-tissues	90,985
Acute Pharyngitis/Tonsilitis	68,357
Peptic Ulcer Syndrome	63,955
Other Nervous including Peripheral Disorders	63,487
Diarrhoea	51,593

Source: Annual Health Bulletin 2020, MoH.

Table 2.5: Top Ten Inpatient Hospital Mortality, 2015-2019

(Number)

Diseases	2019
Alcohol Liver Diseases	129
Other Circulatory Diseases	95
Other Respiratory & Nose Diseases	93
Other Cancers	77
Cerebro-Vascular Diseases	72
Other Diseases of the Digestive System	67
Other Kidney, UT/Genital Disorders	61
Pneumonia	59
Other Sepsis, including Septicaemia	44
Other Nervous including Peripheral Disorders	28
Diseases	2018
Alcohol Liver Diseases	113
Other Circulatory Diseases	104
Other Respiratory & Nose Diseases	99
Other Diseases of the Digestive System	90
Other Cancers	87
Pneumonia	87
Cerebro-vascular Diseases	78
Other Kidney, UT/Genital Disorders	74
Other Sepsis, including Septicaemia	62
Conditions Originating in Perinatal Period	35
Diseases	2017
Alcohol Liver Disease	159
Other Sepsis	157
Other Circulatory Diseases	100
Other Respiratory and Nose Diseases	88
Neonatal Death	72
Foetal Death and Stillbirth	67
Pneumonia	67
Other Cancers	59
Cerebro-vascular Diseases B	57
Meningitis/Encephalitis	45

cont...

Table 2.5 cont...

(Number)

Diseases	2016
Alcohol Liver Diseases	190
Other Circulatory Diseases	154
Other Sepsis(including Septicaemia)	104
Other Cancers	96
Other Respiratory and Nose Diseases	90
Pneumonia	88
Other Kidney, UT/Genital Disorders	78
Foetal Death and Stillbirth	54
Conditions Originating in the Perinatal Period	49
Other Diseases of the Digestive System	44
Diseases	2015
Alcohol Liver Diseases	158
Other Circulatory Diseases	112
Other Respiratory and Nose Diseases	118
Other Infections(excluding ear,brain,STI)	91
Other Diseases of the Digestive System	67
Pneumonia	63
Other Kidney, UT/Genital Disorders	59
Other Cancers	100
Neonatal Death	17
Meningitis/Encephalitis	33

Source: Annual Health Bulletin 2020, MoH.

Table 2.6: Total Morbidity by sex and age group, 2019

Name of Diseases	Under 1 Year		1 – 4 Years		
	Male	Female	Male	Female	
Infections					
Diarrhoea	1,713	1,702	4,469	3,842	
Dysentery	72	77	295	279	
Tuberculosis*	0	1	5	7	
Other Sepsis (includes Septicaemia)	123	79	33	35	
Congenital Syphilis	5	6	1	1	
Genital Ulcer	1	0	1	2	
Syphilis	1	0	1	0	
Urethral/Vaginal Discharges	0	0	3	4	
Other Sexually Transmitted Disease (excludes HIV/AIDS)	1	1	0	0	
Rickettsial Disease*	12	5	45	28	
Viral, Protozoal & Helminthic disease					
Chicken Pox	43	45	201	252	
Acute Hepatitis A	0	1	2	3	
Acute Hepatitis B	2	0	0	0	
Other Acute Hepatitis (includes Hepatitis C&E)	2	0	0	0	
Plasmodium Falciparum Malaria	0	0	0	1	
Plasmodium Vivax Malaria	0	0	1	1	
Other Malaria	1	1	3	4	
Visceral Leishmaniasis (Kala-azar)	0	0	1	0	
Intestinal Worms	14	5	129	113	
Scabies	50	63	392	324	
Streptococcus GroupA*	1	2	6	2	
Other Infections (excludes ear, brain, STI)	393	431	1,111	1,199	
Neoplasm					
Oesophagus Cancer	0	0	0	0	
Stomach/ Gastric Cancer	0	0	0	0	
Colon Cancer	0	0	0	0	
Rectal Cancer	0	0	0	0	
Hepato-Biliary Cancer	0	0	0	0	
Pancreatic Cancer	0	0	0	0	
Breast Cancer	0	0	0	0	

(Number)

	5 – 14 Years		15 – 49 Years		50 - 59 Years		60 + Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
	5,678	4,989	7,442	7,043	1,131	1,084	1,565	1,708	42,366
	461	422	1,083	1,018	211	189	294	278	4,679
	15	20	342	345	37	39	82	43	936
	27	19	59	65	22	25	38	30	555
	0	0	0	0	0	0	0	0	13
	1	3	102	61	12	2	6	5	196
	0	0	61	69	12	21	17	17	199
	9	93	1,678	3,134	141	433	62	173	5,730
	1	3	433	341	31	22	20	22	875
	77	66	334	363	73	100	86	84	1,273
	1,020	982	447	466	20	15	16	5	3,512
	7	4	15	12	0	0	3	0	47
	2	0	43	26	18	15	9	15	130
	1	2	24	19	3	1	8	4	64
	1	1	14	11	2	1	2	2	35
	4	2	12	6	4	0	1	1	32
	3	5	84	54	4	3	3	11	176
	1	2	10	4	3	1	2	0	24
	333	311	540	537	122	91	89	81	2,365
	2,959	1,851	2,495	1,731	179	174	242	198	10,658
	21	8	63	80	1	13	4	1	202
	2,773	2,275	8,048	8,610	723	757	616	624	27,560
	0	0	6	4	11	1	34	9	65
	0	0	10	14	24	17	88	37	190
	0	0	10	2	3	5	22	5	47
	0	0	8	6	8	2	16	17	57
	0	0	4	3	2	0	16	12	37
	0	0	4	1	1	0	6	10	22
	0	0	0	36	0	16	0	13	65

cont...

Table 2.6 cont...

Name of Diseases	Under 1 Year		1 – 4 Years		
	Male	Female	Male	Female	
Cervical Cancer	0	0	0	0	
Other Cancers	8	4	8	7	
Blood diseases					
Neoplasm (benign + CIS)	0	3	3	5	
Nutritional Anaemia	37	36	230	229	
Blood & Immune Disorders	12	8	26	26	
Endocrine, Metabolic & Nutritional	0	0			
Diabetes*	0	0	2	3	
Malnutrition (excludes child clinic attendance)	6	11	17	21	
Other Nutritional & Metabolic Disorders	60	53	84	100	
Mental disorders					
Dementia	0	0	0	0	
Mental and Behavioral Disorders due to Alcohol	0	0	0	0	
Mental and Behavioral Disorders due to Multiple Drug use & other use of Psychoactive substances	0	0	0	0	
Psychosis	0	0	0	1	
Depression	0	0	1	0	
Anxiety	0	0	0	1	
Other Mental Disorders	13	10	27	30	
Disease of Nervous system					
Meningitis/Encephalitis	18	19	23	15	
Epilepsy*	12	8	64	50	
Other Nervous Disorders (includes Peripheral disorders)	156	167	591	571	
Eye & Ear Diseases					
Conjunctivitis	334	305	697	674	
Cataract*	4	3	2	0	
Disorders of Refraction & Accommodation (Refractive Error in the Eye)	4	4	30	32	
Other Eye Disorders	377	417	850	862	
Otitis Media	144	189	557	547	
Other Ear Disorders	131	140	561	551	

	5 – 14 Years		15 – 49 Years		50 - 59 Years		60 + Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
	0	0	0	63	0	46	0	26	135
	17	17	135	259	44	82	181	144	906
	17	15	55	219	6	44	21	37	425
	356	659	1,905	5,612	471	749	647	875	11,806
	66	72	168	538	57	76	76	104	1,229
	0	0	0	0					0
	4	8	792	1,003	857	848	1,024	931	5,472
	4	7	12	15	3	4	2	9	111
	359	469	702	1,135	154	206	174	250	3,746
	0	0	8	2	3	2	8	5	28
	2	1	809	281	116	52	51	34	1,346
	2	1	272	42	7	0	2	0	326
	0	10	153	161	23	21	5	17	391
	2	4	222	370	53	40	33	37	762
	5	29	384	708	56	117	28	42	1,370
	92	111	507	632	66	95	61	86	1,730
	11	10	27	34	9	5	8	13	192
	80	82	362	403	51	41	35	37	1,225
	3,839	4,752	13,719	28,061	2,942	4,341	3,703	4,557	67,399
	2,379	2,262	4,928	5,669	999	1,075	1,310	1,564	22,196
	15	8	129	104	99	141	341	386	1,232
	312	413	1,110	2,004	348	361	380	348	5,346
	3,234	3,463	10,107	13,424	2,525	3,012	4,062	5,001	47,334
	1,859	1,727	2,685	2,940	393	347	400	387	12,175
	2,036	1,980	3,691	3,987	600	567	731	631	15,606

cont...

Table 2.6 cont...

Name of Diseases	Under 1 Year		1 – 4 Years		
	Male	Female	Male	Female	
Diseases of Circulatory System					
Rheumatic Heart Disease*	3	7	6	6	
Hypertension	0	0	0	0	
Ischaemic Heart Diseases*	0	0	0	0	
Cerebro-vascular Diseases*	0	0	2	0	
Bubo	0	0	0	0	
Other Circulatory Diseases	80	105	161	133	
Respiratory Diseases					
Common Cold	7,257	7,618	8,555	7,843	
Acute Pharyngitis/Tonsillitis	391	467	1,983	2,008	
Pneumonia	750	636	1,363	1,143	
Asthma	15	11	34	26	
Other Respiratory & Nose Diseases	1,646	4,030	2,988	2,864	
Diseases of the Digestive system					
Diseases of Teeth & Gums	59	51	833	839	
Dental Caries	0	0	1,229	1,343	
Peptic Ulcer Syndrome	67	68	254	285	
Acute Appendicitis*	1	0	9	5	
Alcoholic Liver Disease	0	0	0	0	
Gall Bladder Diseases*	11	3	1	5	
Other Diseases of the Digestive System	830	962	2,959	3,093	
Diseases of the Skin and Subcutaneous Tissue					
Skin Infections	1,309	1,420	4,418	4,159	
Other Disorders of Skin and Subcutaneous Tissue	1,624	1,886	4,513	4,211	
Diseases of Musculo-skeletal system & Cogenital Deformities					
Arthritis & Arthrosis	21	34	83	80	
Other Musculo-Skeletal Disorders	88	90	444	433	
Diseases of Genito-Urinary diseases					
Cystitis*	2	4	10	25	
Infections of the Breast (includes Puerperium)	0	0	0	0	
Other diseases of the Breast	0	1	1	1	
Pelvic Inflammatory Disease*	0	0	0	0	
Menstrual Disturbances	0	0	0	0	

	5 – 14 Years		15 – 49 Years		50 - 59 Years		60 + Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
	28	26	112	154	56	51	68	105	622
	31	48	3,743	5,276	2,677	2,894	3,736	3,933	22,338
	0	2	26	67	73	73	137	96	474
	0	2	50	49	43	19	157	120	442
	0	1	1	2	0	2	4	2	12
	410	411	1,240	1,962	406	435	717	754	6,814
	33,886	34,906	50,087	58,244	9,304	8,492	8,856	9,250	264,298
	8,401	9,225	15,251	19,643	2,135	2,229	1,757	1,854	65,344
	415	400	395	377	112	108	305	317	6,321
	73	41	224	339	104	144	279	371	1,661
	6,278	6,736	12,157	15,405	2,412	2,666	3,451	3,722	64,355
	4,591	5,119	7,534	9,402	1,460	1,412	1,450	1,371	34,121
	6,651	7,258	11,190	14,984	2,194	2,077	2,298	2,058	51,282
	2,075	2,625	15,318	19,516	3,261	3,815	3,377	4,266	54,927
	75	65	329	331	49	31	62	38	995
	4	0	1,036	625	420	255	248	183	2,771
	17	15	147	395	48	102	77	102	923
	9,238	11,341	20,848	27,161	3,975	4,188	5,113	5,433	95,141
	12,798	11,438	19,330	17,576	2,623	2,206	2,684	2,183	82,144
	12,697	12,525	21,634	25,276	3,463	3,483	4,046	3,842	99,200
	350	387	2,392	2,426	925	888	1,208	1,128	9,922
	3,593	3,340	26,003	28,296	6,619	7,094	8,415	8,019	92,434
	38	61	342	1,106	60	100	64	89	1,901
	0	3	0	274	0	7	0	1	285
	1	14	28	862	9	23	2	17	959
	0	10	0	917	0	75	0	16	1,018
	0	131	0	3,462	0	206	0	23	3,822

cont...

Table 2.6 cont...

Name of Diseases	Under 1 Year		1 – 4 Years		
	Male	Female	Male	Female	
Other Kidney, UT/Genital Disorders	102	110	411	437	
Pregnancy, Childbirth and Puerperium					
Abortions	0	0	0	0	
Pregnancy Induced Hypertension	0	0	0	0	
Ante-Partum Haemorrhage & Placenta Previa	0	0	0	0	
Malpresentation	0	0	0	0	
Prolonged Labour	0	0	0	0	
Obstructed Labour	0	0	0	0	
Post-Partum Haemorrhage	0	0	0	0	
Retained Placenta	0	0	0	0	
Puerperal Sepsis	0	0	0	0	
Other Complications of Pregnancy	0	0	0	0	
Certain Conditions Originating in the Perinatal Period					
Low Birth Weight	167	157	0	0	
Foetal Death & Stillbirth	27	23	0	0	
Neonatal Death	34	47	0	0	
Conditions Originating in the Perinatal period	2,097	1,667	0	0	
Congenital Malformations, Deformations and Chromosomal abnormalities					
Oro-facial Clefts	11	4	0	0	
Gastrointestinal Tract defects	0	0	1	1	
Talipes Equinovarus	0	0	0	0	
Omphalocele	1	1	0	0	
Other Malformations	136	92	72	48	
Injury, Poisoning and certain other consequences of External Causes					
Mushroom Poisoning (Toxic effect of other unspecified substances)	1	0	5	4	
Transport Accidents	1	9	22	18	
Accidental Falls	25	28	309	246	
Other Bites and Sting (excludes dog bite)	16	14	242	199	
Dog Bites	12	6	286	267	
Accidental Drowning & Submersion	0	0	1	2	
Exposure to Electric Current	0	0	6	2	

	5 – 14 Years		15 – 49 Years		50 - 59 Years		60 + Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
	1,205	1,468	5,723	18,919	1,351	2,582	1,489	1,860	35,657
	0	0	0	1,271	0	0	0	0	1,271
	0	0	0	457	0	0	0	0	457
	0	0	0	194	0	0	0	0	194
	0	0	0	78	0	0	0	0	78
	0	0	0	245	0	0	0	0	245
	0	0	0	53	0	0	0	0	53
	0	0	0	125	0	0	0	0	125
	0	0	0	103	0	0	0	0	103
	0	0	0	72	0	0	0	0	72
	0	8	0	6,899	0	0	0	0	6,907
	0	0	0	0	0	0	0	0	324
	0	0	0	0	0	0	0	0	50
	0	0	0	0	0	0	0	0	81
	0	0	0	0	0	0	0	0	3764
	0	0	0	0					0
	0	0	0	0	0	0	0	0	15
	0	0	0	0	0	0	0	0	2
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	2
	38	24	19	26	1	0	1	2	459
	14	10	28	37	15	11	10	4	139
	87	68	1,055	399	126	30	58	24	1,897
	1,213	693	2,035	1,250	381	219	402	320	7,121
	564	474	895	996	195	212	186	178	4,171
	1,139	874	1,892	1,501	311	241	315	239	7,083
	17	3	18	17	5	4	8	1	76
	3	4	32	5	4	2	1	2	61

cont...

Table 2.6 cont...

Name of Diseases	Under 1 Year		1 – 4 Years		
	Male	Female	Male	Female	
Contact with Heat & Hot substances and exposure to Smoke, Fire & Flames	40	38	257	182	
Snake Bite	0	0	6	1	
Contact with Venomous Animals and Plants (excludes snake bite)	0	1	1	3	
Accidental Poisoning by and Exposure to Noxious substances	4	4	12	8	
Intentional Self-harm by Poisoning	0	0	1	1	
Intentional Self-harm by Drowning & Submersion	0	0	0	0	
Assault by Poisoning (includes homicidal poisoning)	0	0	0	1	
Assault by Drowning and Submersion	0	0	0	0	
Other Intentional Self-harm	0	0	4	0	
Work Related Injuries	10	5	179	121	
Other Conditions					
Others (injuries other than above & unknown cause of injury)	40	41	680	452	
Complications of Health Care	14	8	23	20	
ANC, Immunization & Other Counselling	3,487	3,679	5,088	5,009	
Total	24,129	27,123	57,924	55,346	

Note: *These data are not extracted from Primary Health center/Basic Health Units.

Source: Annual Health Bulletin 2020, MoH.

	5 – 14 Years		15 – 49 Years		50 - 59 Years		60 + Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
	256	219	440	483	60	47	59	63	2,144
	9	8	74	48	23	7	17	13	206
	5	6	11	6	2	1	2	1	39
	5	5	29	21	6	6	10	3	113
	1	4	19	45	3	4	1	2	81
	0	0	2	0	1	0	0	0	3
	0	1	6	4	0	0	0	0	12
	0	0	1	2	1	0	0	0	4
	18	17	108	78	20	15	11	9	280
	2,109	1,173	11,149	4,975	1,698	804	1,343	659	24,225
	3,295	1,766	6,858	3,909	923	590	1,081	568	20,203
	50	42	218	376	42	38	37	41	909
	2,013	2,416	17,724	25,649	1,372	2,061	2,089	2,450	73,037
	141,776	142,571	324,006	414,097	61,648	65,248	72,261	74,658	1,460,787

Table 2.7: Inpatient Cases in all Hospitals by Sex and Age Group, 2019

Indicators	Under 1 Years		1 – 4 Years		
	Male	Female	Male	Female	
Infections					
Diarrhoea	101	104	255	212	
Dysentery	5	2	21	25	
Tuberculosis*	0	0	2	2	
Other Sepsis (includes Septicaemia)	120	78	32	34	
Congenital Syphilis	4	5	0	1	
Genital Ulcer	0	0	0	0	
Syphilis	0	0	0	0	
Urethral/Vaginal Discharges	0	0	1	0	
Other Sexually Transmitted Disease (excludes HIV/AIDS)	1	1	0	0	
Rickettsial Disease*	12	5	39	27	
Viral, Protozoal & Helminthic disease					
Chicken Pox	5	2	2	3	
Acute Hepatitis A	0	1	0	1	
Acute Hepatitis B	0	0	0	0	
Other Acute Hepatitis (includes Hepatitis C&E)	1	0	0	0	
Plasmodium Falciparum Malaria	0	0	0	0	
Plasmodium Vivax Malaria	0	0	1	1	
Other Malaria	1	1	3	3	
Visceral Leishmaniasis (Kala-azar)	0	0	1	0	
Intestinal Worms	0	0	1	0	
Scabies	4	4	2	2	
Streptococcus GroupA*	1	2	0	1	
Other Infections (excludes ear, brain, STI)	97	89	153	140	
Neoplasm					
Oesophagus Cancer	0	0	0	0	
Stomach/ Gastric Cancer	0	0	0	0	
Colon Cancer	0	0	0	0	
Rectal Cancer	0	0	0	0	
Hepato-Biliary Cancer	0	0	0	0	
Pancreatic Cancer	0	0	0	0	

(Number)

	5 – 14 Years		15 – 49 Years		50 - 64 Years		65 + Years		Total	Death
	Male	Female	Male	Female	Male	Female	Male	Female		
	111	104	367	312	56	57	82	114	1875	3
	8	12	38	33	4	6	8	26	188	0
	35	56	217	204	25	15	57	27	640	17
	14	8	56	65	22	25	33	29	516	44
	0	0	0	0	0	0	0	0	10	0
	0	0	2	4	0	0	1	0	7	0
	0	1	6	5	0	0	1	0	13	0
	1	3	27	20	2	1	2	0	57	0
	0	0	12	8	0	1	1	1	25	1
	51	43	210	225	45	70	55	62	844	2
	4	12	12	21	0	0	0	0	61	0
	1	1	6	1	0	0	1	0	12	0
	0	0	18	10	9	3	2	0	42	1
	3	1	17	16	2	1	8	3	52	2
	1	1	11	2	1	0	0	1	17	0
	6	1	8	7	4	0	1	1	30	1
	5	4	71	46	3	3	3	11	154	1
	1	0	4	1	2	1	1	0	11	0
	2	3	7	18	1	5	3	3	43	0
	9	7	10	6	1	0	1	0	46	0
	1	0	0	1	0	0	2	0	8	0
	153	118	728	575	89	81	99	102	2,424	10
	0	0	6	3	7	1	34	8	59	14
	0	0	9	9	22	15	85	35	175	28
	0	0	9	2	3	4	22	5	45	6
	0	0	8	6	8	2	16	16	56	9
	0	0	3	2	2	0	15	11	33	9
	0	0	3	1	1	0	6	10	21	6

cont...

Table 2.7 cont...

Indicators	Under 1 Years		1 – 4 Years		
	Male	Female	Male	Female	
Breast Cancer	0	0	0	0	
Cervical Cancer	0	0	0	0	
Other Cancers	8	4	6	4	
Blood diseases					
Neoplasm (benign + CIS)	0	0	1	2	
Nutritional Anaemia	15	9	45	30	
Blood & Immune Disorders	10	5	13	13	
Endocrine, Metabolic & Nutritional	0	0	0	0	
Diabetes*	0	0	0	1	
Malnutrition (excludes child clinic attendance)	6	7	8	9	
Other Nutritional & Metabolic Disorders	41	30	8	17	
Mental disorders					
Dementia	0	0	0	0	
Mental and Behavioral Disorders due to Alcohol	0	0	0	0	
Mental and Behavioral Disorders due to Multiple Drug use & other use of Psychoactive substances	0	0	0	0	
Psychosis	0	0	0	1	
Depression	0	0	1	0	
Anxiety	0	0	0	0	
Other Mental Disorders	1	0	0	2	
Disease of Nervous system					
Meningitis/Encephalitis	17	17	21	15	
Epilepsy*	6	8	28	23	
Other Nervous Disorders (includes Peripheral disorders)	13	12	26	25	
Eye & Ear Diseases					
Conjunctivitis	0	0	0	0	
Cataract*	0	0	1	0	
Disorders of Refraction & Accommodation (Refractive Error in the Eye)	0	0	0	0	
Other Eye Disorders	5	1	13	18	
Otitis Media	3	3	5	4	
Other Ear Disorders	3	2	10	15	

	5 – 14 Years		15 – 49 Years		50 - 64 Years		65 + Years		Total	Death
	Male	Female	Male	Female	Male	Female	Male	Female		
	0	0	0	24	0	14	0	11	49	5
	0	0	0	29	0	20	0	15	64	7
	14	3	66	95	25	40	117	78	460	77
									0	
	5	8	19	89	3	28	11	19	185	1
	24	62	54	155	24	24	64	63	569	5
	15	27	70	146	14	23	32	40	408	9
	0	0	0	0	0	0	0	0	0	0
	4	5	133	111	94	80	166	155	749	9
	1	2	2	3	0	2	1	6	47	1
	8	12	32	69	11	15	21	23	287	7
									0	
	0	0	7	1	1	1	6	3	19	0
	3	4	571	199	73	35	30	16	931	2
	44	8	134	17	4	0	1	0	208	1
	3	6	42	23	4	4	1	2	86	0
	12	21	50	88	9	5	5	11	202	1
	9	21	59	83	4	7	1	7	191	0
	15	15	76	67	3	7	5	10	201	0
									0	
	8	7	21	15	5	5	6	9	146	14
	12	20	85	67	18	8	17	13	305	3
	61	65	296	279	85	62	89	50	1,063	28
									0	
	9	18	12	18	3	2	2	2	66	0
	2	1	5	9	4	21	71	126	240	0
	1	1	4	9	4	6	14	14	53	0
	27	21	119	99	30	24	61	50	468	0
	16	26	48	32	2	1	3	2	145	0
	26	22	59	53	5	1	8	13	217	0

cont...

Table 2.7 cont...

Indicators	Under 1 Years		1 – 4 Years		
	Male	Female	Male	Female	
Diseases of Circulatory System					
Rheumatic Heart Disease*	0	1	1	1	
Hypertension	0	0	0	0	
Ischaemic Heart Diseases*	0	0	0	0	
Cerebro-vascular Diseases*	0	0	2	0	
Bubo	0	0	0	0	
Other Circulatory Diseases	27	21	23	15	
Respiratory Diseases					
Common Cold	173	194	282	273	
Acute Pharyngitis/ Tonsillitis	20	21	71	63	
Pneumonia	231	182	342	264	
Asthma	12	3	16	7	
Other Respiratory & Nose Diseases	352	226	372	296	
Diseases of the Digestive system					
Diseases of Teeth & Gums	2	1	8	11	
Dental Caries	0	0	10	14	
Peptic Ulcer Syndrome	3	1	2	5	
Acute Appendicitis*	0	0	6	2	
Alcoholic Liver Disease	0	0	0	0	
Gall Bladder Diseases*	9	0	0	0	
Other Diseases of the Digestive System	88	86	194	142	
Diseases of the Skin and Subcutaneous Tissue					
Skin Infections	45	33	67	73	
Other Disorders of Skin and Subcutaneous Tissue	37	60	91	81	
Diseases of Musculo-skeletal system & Cogenital Deformities					
Arthritis & Arthrosis	1	2	8	1	
Other Musculo-Skeletal Disorders	4	5	30	30	
Diseases of Genito-Urinary diseases					
Cystitis*	1	4	1	6	
Infections of the Breast (includes Puerperium)	0	0	0	0	
Other diseases of the Breast	0	0	0	0	
Pelvic Inflammatory Disease*	0	0	0	0	

	5 – 14 Years		15 – 49 Years		50 - 64 Years		65 + Years		Total	Death
	Male	Female	Male	Female	Male	Female	Male	Female		
	11	7	39	35	11	9	23	35	173	4
	10	7	290	363	209	157	441	404	1,881	17
	0	0	12	4	13	6	55	29	119	8
	0	0	44	46	39	15	143	106	395	72
	0	0	1	2	0	0	2	1	6	0
	30	46	215	249	115	84	354	349	1,528	95
									0	
	283	228	750	674	70	56	55	75	3,113	0
	135	161	388	457	45	33	23	22	1,439	1
	63	48	232	186	50	52	219	206	2,075	59
	12	8	81	102	15	33	94	108	491	4
	142	99	523	504	155	173	653	714	4,209	93
	27	20	67	45	6	6	9	7	209	0
	41	40	121	114	22	18	10	6	396	0
	42	61	378	340	81	68	86	90	1,157	0
	81	73	244	236	35	20	42	27	766	2
	2	0	485	243	202	109	126	106	1,273	129
	2	6	111	317	37	88	68	88	726	6
	275	259	994	872	219	171	415	311	4,026	67
									0	
	130	103	320	235	50	24	68	45	1,193	1
	139	113	429	379	101	57	119	89	1,695	3
	14	13	98	77	27	20	65	37	363	3
	166	153	681	564	137	100	191	148	2,209	6
	5	19	29	78	11	14	17	22	207	0
	0	3	0	47	0	0	0	0	50	0
	1	11	1	49	1	1	0	0	64	0
	0	5	0	75	0	7	0	5	92	0

cont...

Table 2.7 cont...

Indicators	Under 1 Years		1 – 4 Years		
	Male	Female	Male	Female	
Menstrual Disturbances	0	0	0	0	
Other Kidney, UT/Genital Disorders	20	21	95	66	
Pregnancy, Childbirth and Puerperium					
Abortions	0	0	0	0	
Pregnancy Induced Hypertension	0	0	0	0	
Ante-Partum Haemorrhage & Placenta Previa	0	0	0	0	
Malpresentation	0	0	0	0	
Prolonged Labour	0	0	0	0	
Obstructed Labour	0	0	0	0	
Post-Partum Haemorrhage	0	0	0	0	
Retained Placenta	0	0	0	0	
Puerperal Sepsis	0	0	0	0	
Other Complications of Pregnancy	0	0	0	0	
Certain Conditions Originating in the Perinatal Period					
Low Birth Weight	155	148	0	0	
Foetal Death & Stillbirth	23	17	0	0	
Neonatal Death	28	34	0	0	
Conditions Originating in the Perinatal period	1,576	1,237	0	0	
Congenital Malformations, Deformations and Chromosomal abnormalities					
Oro-facial Clefts	10	4	0	0	
Gastrointestinal Tract defects	0	0	1	1	
Talipes Equinovarus	0	0	0	0	
Omphalocele	1	1	0	0	
Other Malformations	110	72	55	41	
Injury, Poisoning and certain other consequences of External Causes					
Mushroom Poisoning (Toxic effect of other unspecified substances)	0	0	1	2	
Transport Accidents	0	4	13	13	
Accidental Falls	5	4	60	42	
Other Bites and Sting (excludes dog bite)	0	0	4	5	
Dog Bites	0	0	11	11	
Accidental Drowning & Submersion	0	0	1	0	
Exposure to Electric Current	0	0	0	1	

	5 – 14 Years		15 – 49 Years		50 - 64 Years		65 + Years		Total	Death
	Male	Female	Male	Female	Male	Female	Male	Female		
	0	8	0	155	0	27	0	4	194	1
	142	203	768	1480	186	255	335	282	3,853	61
									0	
	0	38	0	1,001	0	0	0	0	1,039	3
	0	15	0	341	0	0	0	0	356	4
	0	9	0	144	0	0	0	0	153	0
	0	2	0	65	0	0	0	0	67	1
	0	11	0	198	0	0	0	0	209	7
	0	2	0	42	0	0	0	0	44	0
	0	5	0	98	0	0	0	0	103	1
	0	0	0	83	0	0	0	0	83	1
	0	6	0	60	0	0	0	0	66	0
	0	272	0	5,679	0	0	0	0	5,951	6
	0	0	0	0	0	0	0	0	303	11
	0	0	0	0	0	0	0	0	40	0
	0	0	0	0	0	0	0	0	62	0
	0	0	0	0	0	0	0	0	2,813	20
	0	0	0	0	0	0	0	0	14	0
	0	0	0	0	0	0	0	0	2	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	2	0
	17	8	33	29	1	0	1	1	368	9
	3	0	15	19	4	5	4	0	53	1
	35	31	368	145	47	10	23	10	699	8
	148	84	479	242	90	35	101	91	1,381	9
	3	3	46	39	11	9	9	8	137	0
	89	86	262	193	36	21	22	9	740	0
	0	0	3	0	0	0	0	0	4	1
	0	0	9	2	3	0	0	0	15	0

cont...

Table 2.7 cont...

Indicators	Under 1 Years		1 – 4 Years		
	Male	Female	Male	Female	
Contact with Heat & Hot substances and exposure to Smoke, Fire & Flames	5	5	30	18	
Snake Bite	0	0	2	1	
Contact with Venomous Animals and Plants (excludes snake bite)	0	1	0	0	
Accidental Poisoning by and Exposure to Noxious substances	2	3	4	4	
Intentional Self-harm by Poisoning	0	0	0	1	
Intentional Self-harm by Drowning & Submersion	0	0	0	0	
Assault by Poisoning (includes homicidal poisoning)	0	0	0	0	
Assault by Drowning and Submersion	0	0	0	0	
Other Intentional Self-harm	0	0	0	0	
Work Related Injuries	0	0	4	3	
Other Conditions					
Others (injuries other than above & unknown cause of injury)	10	7	68	36	
Complications of Health Care	7	4	4	3	
ANC, Immunization & Other Counselling	572	561	933	876	
Total	4,009	3,355	3,511	3,039	

Note: Inpatient- those patients admitted to bed overnight (records deaths related to particular disease) in hospitals & (BHU)

*These data are not extracted from Primary Health Center/Basic Health Units.

Source: Annual Health Bulletin 2020, MoH.

	5 – 14 Years		15 – 49 Years		50 - 64 Years		65 + Years		Total	Death
	Male	Female	Male	Female	Male	Female	Male	Female		
	10	13	42	52	8	5	7	12	207	0
	8	6	36	19	11	3	12	9	107	0
	0	0	2	0	1	0	0	0	4	1
	1	2	17	10	4	3	9	3	62	2
	0	5	11	18	1	3	1	1	41	1
	0	0	1	0	1	0	0	0	2	0
	1	0	2	0	0	0	0	0	3	0
	0	0	0	0	0	0	0	0	0	0
	7	6	16	13	2	1	2	4	51	1
	72	36	505	240	95	21	45	16	1,037	1
	240	100	916	416	125	58	114	65	2,155	14
	5	7	19	29	3	4	7	2	94	1
	27	154	478	2,079	27	41	164	150	6,062	9
	3,144	3,345	14,390	22,567	3,041	2,548	5,405	4,900	73,254	1,068

cont...

Table 2.8: Outpatient Cases in all Hospitals by Sex and Age, 2019

Name of Diseases	Under 1 Year		1 – 4 Years		
	Male	Female	Male	Female	
Infections					
Diarrhoea	1,168	1,159	2,548	2,204	
Dysentery	32	40	120	125	
Tuberculosis*	0	1	3	5	
Other Sepsis (includes Septicaemia)	2	1	1	1	
Congenital Syphilis	1	1	1	0	
Genital Ulcer	1	0	1	1	
Syphilis	1	0	1	0	
Urethral/Vaginal Discharges	0	0	2	3	
Other Sexually Transmitted Disease (excludes HIV/AIDS)	0	0	0	0	
Rickettsial Disease*	0	0	6	1	
Viral, Protozoal & Helminthic disease					
Chicken Pox	30	33	140	185	
Acute Hepatitis A	0	0	2	1	
Acute Hepatitis B	2	0	0	0	
Other Acute Hepatitis (includes Hepatitis C&E)	0	0	0	0	
Plasmodium Falciparum Malaria	0	0	0	1	
Plasmodium Vivax Malaria	0	0	0	0	
Other Malaria	0	0	0	0	
Visceral Leishmaniasis (Kala-azar)	0	0	0	0	
Intestinal Worms	14	5	90	78	
Scabies	36	45	301	237	
Streptococcus GroupA*	0	0	6	1	
Other Infections (excludes ear, brain, STI)	174	198	582	700	
Neoplasm					
Oesophagus Cancer	0	0	0	0	
Stomach/ Gastric Cancer	0	0	0	0	
Colon Cancer	0	0	0	0	
Rectal Cancer	0	0	0	0	
Hepato-Biliary Cancer	0	0	0	0	
Pancreatic Cancer	0	0	0	0	
Breast Cancer	0	0	0	0	

(Number)

	5 – 14 Years		15 – 49 Years		50 - 64 Years		65 + Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
	2,583	2,200	4,433	4,186	614	535	632	641	22,903
	245	202	513	474	89	71	92	82	2,085
	21	23	84	82	12	24	25	16	296
	7	2	7	9	0	0	5	1	36
	0	0	0	0	0	0	0	0	3
	12	5	72	36	8	2	4	2	144
	1	6	34	26	4	11	9	7	100
	74	403	1,237	2,210	123	382	54	156	4,644
	13	11	254	193	17	9	14	9	520
	32	29	118	132	28	30	31	22	429
	385	323	420	435	15	10	13	3	1,992
	9	3	3	10	0	0	2	0	30
	1	0	24	14	9	12	7	15	84
	1	0	2	3	1	0	0	1	8
	1	0	1	1	0	0	2	0	6
	0	0	0	0	0	0	0	0	0
	1	0	3	3	0	0	0	0	7
	3	0	2	0	0	0	1	0	6
	160	135	241	235	41	17	13	18	1,047
	1,514	791	1,307	1,020	100	75	102	71	5,599
	20	8	60	71	1	12	1	1	181
	1,951	1,727	6,220	6,542	478	492	283	309	19,656
	0	0	0	1	4	0	0	1	6
	0	0	1	0	2	1	3	2	9
	0	0	1	0	0	1	0	0	2
	0	0	0	0	0	0	0	1	1
	0	0	1	1	0	0	1	1	4
	0	0	1	0	0	0	0	0	1
	0	1	0	11	0	2	0	2	16

cont...

Table 2.8 cont...

Name of Diseases	Under 1 Year		1 – 4 Years		
	Male	Female	Male	Female	
Cervical Cancer	0	0	0	0	
Other Cancers	0	0	2	3	
Blood diseases					
Neoplasm (benign + CIS)	0	2	2	1	
Nutritional Anaemia	18	19	124	134	
Blood & Immune Disorders	0	1	6	6	
Endocrine, Metabolic & Nutritional	0	0	0	0	
Diabetes*	0	0	2	2	
Malnutrition (excludes child clinic attendance)	0	3	7	11	
Other Nutritional & Metabolic Disorders	15	15	48	53	
Mental disorders					
Dementia	0	0	0	0	
Mental and Behavioral Disorders due to Alcohol	0	0	0	0	
Mental and Behavioral Disorders due to Multiple Drug use & other use of Psychoactive substances	0	0	0	0	
Psychosis	0	0	0	0	
Depression	0	0	0	0	
Anxiety	0	0	0	0	
Other Mental Disorders	12	10	26	27	
Disease of Nervous system					
Meningitis/Encephalitis	1	2	2	0	
Epilepsy*	6	0	36	27	
Other Nervous Disorders (includes Peripheral disorders)	47	53	177	166	
Eye & Ear Diseases					
Conjunctivitis	240	220	485	467	
Cataract*	4	3	1	0	
Disorders of Refraction & Accommodation (Refractive Error in the Eye)	4	4	29	29	
Other Eye Disorders	261	293	567	527	
Otitis Media	83	115	300	313	
Other Ear Disorders	119	122	446	432	
Diseases of Circulatory System					
Rheumatic Heart Disease*	3	6	5	5	

	5 – 14 Years		15 – 49 Years		50 - 64 Years		65 + Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
	0	0	0	34	0	26	0	11	71
	7	22	65	156	19	42	64	66	446
	5	7	16	88	3	9	5	11	149
	361	1,002	915	2,829	276	391	329	395	6,793
	22	58	50	186	25	30	24	35	443
	0	0	0	0	0	0	0	0	0
	3	11	656	880	761	767	849	772	4,703
	3	2	3	13	1	2	1	1	47
	232	288	307	509	71	91	69	118	1816
	0	0	1	0	2	1	2	2	8
	7	1	198	67	34	17	12	11	347
	34	5	59	11	0	0	0	0	109
	18	40	89	101	19	17	4	15	303
	21	39	137	213	44	31	27	25	537
	45	132	254	485	51	108	26	34	1,135
	97	154	358	395	59	74	39	59	1,310
	1	1	2	4	0	0	1	1	15
	89	103	254	294	33	31	18	22	913
	1,396	2,123	3,895	7,829	795	1,113	864	951	19,409
	1,567	1,573	3,112	3,291	572	565	555	518	13,165
	11	10	126	92	94	120	270	258	989
	426	650	951	1,713	340	350	355	323	5,174
	2,460	2,575	5,560	6,858	1,410	1,444	1,810	1,871	25,636
	964	932	1,851	1,993	279	245	253	256	7,584
	1,415	1,318	2,881	3,113	500	427	574	482	11,829
	22	32	68	105	45	41	45	69	446

cont...

Table 2.8 cont...

Name of Diseases	Under 1 Year		1 – 4 Years		
	Male	Female	Male	Female	
Hypertension	0	0	0	0	
Ischaemic Heart Diseases*	0	0	0	0	
Cerebro-vascular Diseases*	0	0	0	0	
Bubo	0	0	0	0	
Other Circulatory Diseases	46	77	110	99	
Respiratory Diseases					
Common Cold	4,649	4,900	11,054	10,369	
Acute Pharyngitis/ Tonsillitis	320	364	1,426	1,351	
Pneumonia	161	145	324	279	
Asthma	2	7	15	15	
Other Respiratory & Nose Diseases	887	3,377	1,411	1,406	
Diseases of the Digestive system					
Diseases of Teeth & Gums	52	41	698	716	
Dental Caries	0	0	1,075	1,180	
Peptic Ulcer Syndrome	63	67	226	246	
Acute Appendicitis*	1	0	3	3	
Alcoholic Liver Disease	0	0	0	0	
Gall Bladder Diseases*	2	3	1	5	
Other Diseases of the Digestive System	523	603	1,578	1,683	
Diseases of the Skin and Subcutaneous Tissue					
Skin Infections	850	931	2,383	2,261	
Other Disorders of Skin and Subcutaneous Tissue	1,096	1,245	2,709	2,506	
Diseases of Musculo-skeletal system & Cogenital Deformities					
Arthritis & Arthrosis	20	31	72	71	
Other Musculo-Skeletal Disorders	73	73	338	342	
Diseases of Genito-Urinary diseases					
Cystitis*	1	0	9	19	
Infections of the Breast (includes Puerperium)	0	0	0	0	
Other diseases of the Breast	0	1	0	1	
Pelvic Inflammatory Disease*	0	0	0	0	
Menstrual Disturbances	0	0	0	0	
Other Kidney, UT/Genital Disorders	73	80	230	274	
Pregnancy, Childbirth and Puerperium					

	5 – 14 Years		15 – 49 Years		50 - 64 Years		65 + Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
	63	82	2,445	3,483	1,890	2,102	2,521	2,542	15,128
	0	0	14	65	60	67	82	67	355
	0	1	6	4	4	4	14	14	47
	0	0	0	1	0	1	2	1	5
	222	227	503	663	144	143	150	152	2536
	14,957	14,183	29,532	32,443	5,476	4,058	3,647	3,546	138,814
	4,839	4,805	9,266	11,107	1,404	1,316	1,023	1,041	38,262
	70	52	242	262	46	41	61	78	1,761
	29	31	143	203	67	88	141	193	934
	2,848	2,979	6,541	7,482	1,236	1,236	1,287	1,317	32,007
	2,848	3,170	6,635	7,938	1,121	1,012	1,038	916	26,185
	4,284	5,143	10,546	13,142	1,724	1,560	1,687	1,490	41,831
	2,747	3,170	8,247	10,704	1,953	2,216	1,836	2,190	33,665
	22	10	53	74	14	10	19	10	219
	10	8	508	349	197	129	101	65	1367
	10	5	36	72	11	14	9	13	181
	4,896	5,707	10,835	13,623	2,213	2,098	2,184	2,182	48,125
	6,031	5,083	10,375	9,222	1,590	1,243	1,304	1,017	42,290
	6,274	5,909	11,662	12,971	1,882	1,724	1,864	1,707	51,549
	326	419	1,243	1,186	473	443	525	460	5,269
	4,299	3,859	14,777	15,415	3,915	3,935	4,098	3,665	54,789
	52	122	294	946	48	86	46	67	1,690
	0	10	0	136	0	2	0	0	148
	2	57	20	389	7	14	1	6	498
	0	60	0	781	0	66	0	11	918
	0	336	0	1921	0	115	0	11	2,383
	881	1,627	3,226	9,433	738	1,256	691	804	19,313

cont...

Table 2.8 cont...

Name of Diseases	Under 1 Year		1 – 4 Years		
	Male	Female	Male	Female	
Abortions	0	0	0	0	
Pregnancy Induced Hypertension	0	0	0	0	
Ante-Partum Haemorrhage & Placenta Previa	0	0	0	0	
Malpresentation	0	0	0	0	
Prolonged Labour	0	0	0	0	
Obstructed Labour	0	0	0	0	
Post-Partum Haemorrhage	0	0	0	0	
Retained Placenta	0	0	0	0	
Puerperal Sepsis	0	0	0	0	
Other Complications of Pregnancy	0	0	0	0	
Certain Conditions Originating in the Perinatal Period					
Low Birth Weight	8	9	0	0	
Foetal Death & Stillbirth	2	6	0	0	
Neonatal Death	6	11	0	0	
Conditions Originating in the Perinatal period	521	430	0	0	
Congenital Malformations, Deformations and Chromosomal abnormalities					
Oro-facial Clefts	0	0	0	0	
Gastrointestinal Tract defects	0	0	0	0	
Talipes Equinovarus	0	0	0	0	
Omphalocele	0	0	0	0	
Other Malformations	25	20	17	7	
Injury, Poisoning and certain other consequences of External Causes					
Mushroom Poisoning (Toxic effect of other unspecified substances)	0	0	2	2	
Transport Accidents	1	5	7	2	
Accidental Falls	14	12	119	119	
Other Bites and Sting (excludes dog bite)	4	5	92	85	
Dog Bites	9	1	135	141	
Accidental Drowning & Submersion	0	0	0	2	
Exposure to Electric Current	0	0	4	1	
Contact with Heat & Hot substances and exposure to Smoke, Fire & Flames	11	14	73	62	
Snake Bite	0	0	0	0	

	5 – 14 Years		15 – 49 Years		50 - 64 Years		65 + Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
	0	10	0	170	0	0	0	0	180
	0	2	0	90	0	0	0	0	92
	0	0	0	35	0	0	0	0	35
	0	0	0	9	0	0	0	0	9
	0	2	0	21	0	0	0	0	23
	0	0	0	7	0	0	0	0	7
	0	0	0	13	0	0	0	0	13
	0	0	0	7	0	0	0	0	7
	0	0	0	4	0	0	0	0	4
	0	45	0	742	0	0	0	0	787
	0	0	0	0	0	0	0	0	17
	0	0	0	0	0	0	0	0	8
	0	0	0	0	0	0	0	0	17
	0	0	0	0	0	0	0	0	951
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	2	3	5	10	0	0	0	1	90
	6	3	10	12	5	1	3	0	44
	52	30	453	169	58	13	22	7	819
	523	315	943	635	183	104	124	100	3,191
	142	137	390	365	62	64	44	48	1,438
	322	252	996	747	132	81	114	88	3,018
	4	8	12	3	5	2	2	0	38
	1	1	11	2	1	0	0	0	21
	59	52	145	171	12	12	16	10	637
	1	1	11	10	3	2	1	1	30

cont...

Table 2.8 cont...

Name of Diseases	Under 1 Year		1 – 4 Years		
	Male	Female	Male	Female	
Contact with Venomous Animals and Plants (excludes snake bite)	0	0	1	0	
Accidental Poisoning by and Exposure to Noxious substances	2	1	4	3	
Intentional Self-harm by Poisoning	0	0	0	0	
Intentional Self-harm by Drowning & Submersion	0	0	0	0	
Assault by Poisoning (includes homicidal poisoning)	0	0	0	1	
Assault by Drowning and Submersion	0	0	0	0	
Other Intentional Self-harm	0	0	2	0	
Work Related Injuries	6	1	68	51	
Other Conditions					
Others (injuries other than above & unknown cause of injury)	18	18	285	207	
Complications of Health Care	1	2	0	4	
ANC, Immunization & Other Counselling	524	642	626	676	
Total	12,245	15,473	31,166	29,935	

Note: *These data are not collect from Primary Health Center/Bhutan Health Unit.

Source: Annual Health Bulletin 2020, MoH.

	5 – 14 Years		15 – 49 Years		50 - 64 Years		65 + Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
	1	0	2	1	0	0	1	0	6
	2	1	5	8	1	0	0	0	27
	1	2	3	15	0	1	0	0	22
	0	0	0	0	0	0	0	0	0
	0	0	1	2	0	0	0	0	4
	0	0	0	1	1	0	0	0	2
	10	18	61	27	11	11	7	3	150
	971	539	3500	1506	526	272	293	165	7898
	1045	602	2922	1683	357	239	274	200	7850
	30	18	70	72	8	7	3	8	223
	364	573	12,704	4,539	170	254	285	598	21,955
	75,486	76,616	186,240	212,045	34,727	33,670	33,010	32,461	773,074

Table 2.9: Number of Patient Admissions & Average Length of Stay in Dzongkhag Hospitals, 2015-2019

Dzongkhag	2015		2016				
	Total Admissions	Patient Days	Total Admissions	Discharged	Deaths	Absconded	
Bumthang	681	2,060	780	609	12	2	
Chhukha	4,405	17,784	4,928	4,311	65	6	
Dagana	902	2,402	1,495	1,070	143	7	
Gasa	33	62	84	70	3	0	
Haa	592	972	524	425	9	0	
Lhuentse	777	2,545	812	594	10	0	
Monggar	4,975	45,378	4,840	4,768	167	8	
Paro	2,775	8,166	2,756	2,536	31	4	
Pema Gatshel	1,395	2,627	1,917	1,644	14	4	
Punakha	2,500	5,596	1,958	1,825	12	10	
Samdrup Jongkhar	2,659	9,597	3,151	2,634	28	11	
Samtse	3,163	22,070	3,438	2,953	62	10	
Sarpang	4,155	14,620	4,320	3,737	112	9	
Thimphu	19,016	121,559	18,458	17,477	691	22	
Trashigang	712	3,120	4,681	4,123	62	28	
Trashigang	4,415	16,871	930	936	13	3	
Trongsa	669	2,629	882	709	15	4	
Tsirang	1,674	7,421	1,603	1,578	23	1	
Wangdue Phodrang	2,882	9,784	2,752	2,213	39	6	
Zhemgang	707	3,944	1,591	1,481	11	5	
Bhutan	59,087	299,207	61,900	55,693	1,522	140	

(Number)

			2017					
	Patient Days	Average length of stay	Total Admissions	Discharged	Deaths	Absconded	Patient Days	Average length of stay
	2,836	4.6	688	505	8	2	2,137	4.1
	19,178	4.4	4,910	4,241	53	13	20,288	4.7
	11,826	9.7	1,427	1,282	17	7	4,540	3.5
	109	1.5	58	42	1	0	71	1.7
	695	1.6	306	263	3	3	1,166	4.3
	2,438	4.0	758	620	12	2	2,792	4.4
	25,998	5.3	4,611	4,485	118	6	26,542	5.8
	8,115	3.2	2,427	1,892	29	12	6,790	3.5
	6,324	3.8	2,013	1,600	425	5	5,090	2.5
	5,378	2.9	1,959	1,663	18	8	6,025	3.6
	11,238	4.2	2,850	2,540	34	4	9,298	3.6
	15,614	5.2	3,170	2,879	52	9	12,764	4.3
	16,295	4.2	3,911	3,511	87	9	14,378	4.0
	117,425	6.5	19,056	17,515	691	31	116,992	6.4
	18,190	4.3	3,571	3,210	58	18	15,024	4.6
	3,760	3.9	720	700	12	1	2,883	4.0
	2,628	3.6	784	637	15	6	2,108	3.2
	6,086	3.8	1,325	1,162	378	5	5,124	3.3
	7,921	3.5	2,663	2,291	48	4	8,215	3.5
	4,991	3.3	1,420	1,331	14	6	5,101	3.8
	287,045	5.0	58,627	52,369	2,073	151	267,327	4.9

Table 2.9 cont...

Dzongkhag	2018					
	Total Admissions	Discharged	Deaths	Absconded	Patient Days	
Bumthang	852	684	11	4	3,160	
Chhukha	4,431	3,904	81	1	16,256	
Dagana	1,198	1,089	6	5	3,639	
Gasa	9	8	0	0	23	
Haa	346	262	6	0	1,209	
Lhuentse	933	808	11	3	3,631	
Monggar	5,232	5,101	95	6	26,763	
Paro	2,365	1,862	19	16	8,194	
Pema Gatshel	1,968	1,736	30	2	6,606	
Punakha	2,316	1,953	32	10	6,816	
Samdrup Jongkhar	2,194	1,727	27	2	7,596	
Samtse	3,386	3,009	60	9	12,821	
Sarpang	4,067	3,584	84	19	15,471	
Thimphu	19,013	17,318	771	28	121,087	
Trashigang	3,222	2,680	50	2	11,459	
Trashigang	593	535	8	1	2,527	
Trongsa	803	605	14	0	2,437	
Tsirang	1,183	1,066	21	8	4,211	
Wangdue Phodrang	2,206	1,715	38	8	7,392	
Zhemgang	1,060	857	13	3	2,928	
Bhutan	57,377	50,503	1,377	127	264,226	

Source: Annual Health Bulletin 2020, MoH.

		2019					
	Average length of stay	Total admission	Discharged	Deaths	Absconded	Patient days	Average length of stay
	4.5	882	600	15	3	2,523	4.1
	4.1	5,067	4,381	48	73	16,843	3.7
	3.3	1,343	1,224	13	5	3,557	2.9
	2.9	0	0	0	0	0	0
	4.5	397	333	10	0	1,452	4.2
	4.4	861	718	16	4	3,726	5.0
	5.1	5,211	5,143	111	5	27,380	5.2
	4.3	2,349	1,929	37	12	7,914	4.0
	3.7	1,770	1,583	16	4	5,050	3.2
	3.4	1,087	1,376	34	12	6,437	4.5
	4.3	1,984	1,744	33	1	6,617	3.7
	4.2	3,167	2,758	46	6	8,423	3.0
	4.2	4,096	3,641	109	18	17,331	4.6
	6.7	18,372	18,234	653	21	121,632	6.4
	4.2	660	668	9	0	3,314	4.9
	4.6	3,329	2,895	40	1	10,184	3.5
	3.9	710	527	7	1	2,104	3.9
	3.8	1,708	1,531	17	2	7,408	4.8
	4.2	2,094	1,660	34	0	6,174	3.6
	3.4	502	423	10	1	1,528	3.5
	5.1	55,589	51,368	1,258	169	259,597	4.9

Table 2.10: Immunization Status by Dzongkhag, 2019

(Number)

Dzongkhag	Antigen				
	BCG	MR 1	OPV 0	OPV 3	DPT-Hep B 3
Bumthang	155	270	145	272	273
Chhukha	950	1,065	945	1,102	1,108
Dagana	197	332	188	337	336
Gasa	10	55	13	53	53
Haa	98	175	89	166	168
Lhuentse	89	243	119	223	223
Monggar	1,042	586	997	566	563
Paro	472	717	455	726	726
Pema Gatshel	168	326	150	315	316
Punakha	247	405	244	414	413
Samdrup Jongkhar	337	513	338	543	546
Samtse	575	786	560	782	782
Sarpang	930	645	921	648	648
Thimphu	4,045	2,606	3,944	2,525	2,520
Trashigang	161	296	156	250	249
Trongsa	78	289	72	226	236
Tsirang	158	289	150	296	296
Wangdue Phodrang	327	584	311	651	652
Zhemgang	123	247	126	248	247
Bhutan	10,524	11,005	10,231	10,920	10,932

Source: Annual Health Bulletin 2020, MoH.

Table 2.11: Number of Malaria Cases by Type and Deaths, 2015-2019

(Number)

Details	2015	2016	2017	2018	2019
Plasmodium vivax	21	16	11	36	31
Plasmodium falciparum	13	1	0	17	11
Mixed infections	0	1	0	1	0
Deaths due to malaria	0	0	1	1	0

Source: Annual Health Bulletin 2020, MoH.

Table 2.12: Details of Maternal & Child Health Care Activities, 2015-2019

(Number)

Type of care	2015	2016	2017	2018	2019
Antenatal care attendance	73,881	27,833	26,159	23,809	25,179
1st visit	11,994	11,680	11,816	5,872	10,923
4th visit	10,718	9,297	9,145	10,201	8,743
8th visit	28,459	6,856	5,198	7,736	5,513
Deliveries attended by trained health personnel	11,430	10,948	11,134	11,658	10,156
Home	528	230	154	225	112
Facility	10,902	10,718	10,980	11,433	10,044
Post-Natal care attendance	22,654	28,305	28,638	32,930	29,889
1st visit	8,626	4,144	4,076	4,814	4,253
4th visit	...	7,448	7,478	8,883	8,007

Note: 2nd and 3rd visit has been deleted as MoH does not compile the records. However, the records are maintained by respective BHUs/PHC and Hospitals.

Source: Annual Health Bulletin 2020, MoH.

Table 2.13: Family Planning Methods by Type, 2015-2019

(Number)

Method	2015	2016	2017	2018	2019
Intra Uterine Device (IUD) inserted ¹	1,506	1,609	1,777	2,362	2,425
Oral Pills (OCP) ²	76,799	83,637	69,572	62,299	58,868
Injection DMPA ³	86,322	85,195	84,626	84,832	80,091
Male Sterilisation (Vasectomy)	8,122	6,199	5,653	5,763	4,918
Female Sterilisation (Tubectomy)	5,381	5,149	5,377	5,500	5,194
Condoms ⁴	1,275,567	1,094,290	873,398	983,901	1,008,685

Note: ¹IUD = No. Inserted.

²Pills = No. of cycles.

³DMPA = No. of Injections.

⁴Condoms = No. of pieces distributed.

Source: Annual Health Bulletin 2020, MoH.

Table 2.14: Number of Users of Family Planning Methods by Type, by Dzongkhag, 2019

(Number)

Dzongkhag	Family planning methods					No. of Condom issued (In pieces)
	New IUD Inserted	Oral pills ² (No. of Cycles issued)	DMPA ³ (No. Injected)	Vasectomy ¹	Tubectomy ¹	
Bumthang	25	1,368	2,209	17	88	48,501
Chhukha	132	5,212	6,309	394	392	67,435
Dagana	148	4,631	3,077	235	117	31,578
Gasa	0	354	596	14	40	7,408
Haa	0	1,333	1,685	11	21	15,697
Lhuentse	100	1,172	1,359	135	107	27,458
Monggar	243	2,327	5,989	234	456	108,672
Paro	40	1,726	5,176	288	735	35,435
Pema Gatshel	203	1,927	2,969	168	111	36,532
Punakha	403	2,223	3,317	204	333	38,445
Samdrup Jongkhar	28	3,192	4,429	207	299	38,287
Samtse	73	9,931	8,437	1,310	544	78,183
Sarpang	79	4,747	5,698	352	501	67,091
Thimphu	348	5,513	9,170	69	221	149,137
Trashigang	56	1,410	2,163	127	145	27,611
Trashigang	173	2,426	5,669	297	333	67,559
Trongsa	43	1,185	1,814	81	60	47,189
Tsirang	13	3,285	3,510	249	220	40,473
Wangdue Phodrang	63	2,972	3,617	443	316	46,518
Zhemgang	255	1,934	2,898	83	155	29,476
Bhutan	2,425	58,868	80,091	4,918	5,194	1,008,685

Note: ¹Cumulative figures, collected from Annual Household Survey² Oral pills = 1 user is equal to 12 cycles or 13 cycles³ DMPA = 1 user is equal to 4 injections

Source: Annual Health Bulletin 2020, MoH.

Table 2.15: Types of Water and Sanitation Facility by Dzongkhag, 2019

(Number)

Dzongkhag	Percentage Coverage					Household with Garbage Pit
	Latrine	Household with Functional Piped water	Drainage	Household with Animal Shed	Household with Vegetable Garden	
Bumthang	99.1	60.6	81.7	100.0	74.6	92.1
Chhukha	93.0	51.9	70.3	96.9	71.1	81.0
Dagana	95.6	73.7	66.6	79.7	57.6	99.2
Gasa	95.1	95.7	55.6	87.2	74.5	100.0
Haa	97.9	90.3	85.4	91.8	27.4	89.7
Lhuentse	99.1	88.0	90.4	93.6	83.5	82.5
Monggar	99.8	73.7	84.7	87.6	106.0	91.1
Paro	93.4	39.2	69.0	87.9	47.5	82.8
Pema Gatsel	94.4	77.0	41.6	97.6	81.6	85.3
Punakha	99.3	91.6	89.2	97.0	71.5	83.0
Samdrup Jongkhar	98.3	79.7	81.1	96.6	135.4	63.8
Samtse	93.8	72.3	64.0	96.4	67.8	59.7
Sarpang	99.8	66.2	90.2	88.7	106.9	100.0
Thimphu	94.7	38.7	92.8	93.7	57.6	100.0
Trashigang	97.0	78.9	74.4	93.7	76.6	75.3
Trongsa	98.5	96.2	69.0	94.4	77.5	54.6
Tsirang	98.8	77.4	67.1	87.3	77.0	60.2
Wangdue Phodrang	92.9	74.7	53.8	85.2	74.2	94.9
Zhemgang	99.5	67.0	79.9	95.0	42.4	91.8
	83.3	63.5	41.4	73.2	105.9	77.4
Bhutan	96.1	70.7	71.8	91.9	73.4	80.3

Source: Annual Health Bulletin 2020, MoH.

Table 2.16: Nutritional and Vitamin ‘A’ Status of Children Attending Clinics by Dzongkhag, 2019

Dzongkhag	Child Attendances							
	No. of children 6 months old		Children exclusively breastfed for 6 months	No. of children 0-11 months old		No. of children 12-59 months old		
	New	Old		New	Old	New	Old	
Bumthang	19	238	1,249	158	2,502	15	4,247	
Chhukha	707	828	2,798	1,000	9,850	238	15,332	
Dagana	69	330	414	123	2,838	5	4,667	
Gasa	27	65	98	15	442	7	627	
Haa	83	441	1,155	107	1,093	100	1,876	
Lhuentse	75	159	297	111	1,953	46	3,670	
Monggar	588	577	1,203	674	5,117	16	8,236	
Paro	56	623	575	513	7,403	62	9,872	
Pema Gatshel	142	239	463	143	3,198	9	5,179	
Punakha	110	468	579	215	3,629	52	4,700	
Samdrup Jongkhar	177	908	1,068	288	5,199	68	10,068	
Samtse	360	1,232	3,022	756	7,315	30	14,119	
Sarpang	296	459	759	1,051	6,020	344	9,332	
Thimphu	1,652	2,646	5,334	3,336	24,794	4	29,645	
Trashigang	83	205	638	140	2,564	125	3,983	
Trashigang	71	686	1,105	515	5,337	228	7,936	
Trongsa	85	530	685	29	2,178	15	3,102	
Tsirang	56	297	373	116	2,972	6	4,971	
Wangdue Phodrang	264	1,809	1,913	151	4,361	54	7,543	
Zhemgang	130	434	406	131	1,795	77	3,352	
Bhutan	5,050	13,174	24,134	9,572	100,560	1,501	152,457	

Source: Annual Health Bulletin 2020, MoH.

(Number)

	Children normal (lt/ht for age)	Children normal (wt for age)	Vit A Supplementation/Deworming			
			Children 6-11 months given Vitamin A	Children 12-59 months given Vitamin A	Post-partum mothers Vitamin A	Children 12-59 months given Deworming
	6,958	6,996	290	2,018	141	1,842
	24,437	26,459	1,321	5,996	837	5,604
	7,785	7,790	397	2,191	169	1,910
	1,098	1,358	76	339	21	306
	3,524	3,516	321	802	38	696
	5,702	5,831	246	1,122	76	1,024
	14,647	14,812	734	3,632	766	3,513
	17,433	17,398	664	4,752	451	4,323
	7,609	8,538	354	2,633	153	2,270
	9,279	9,152	558	2,046	215	1,699
	15,489	15,975	542	3,556	336	3,252
	18,581	21,172	1,039	6,453	430	5,398
	15,495	17,047	669	4,235	935	3,953
	47,679	57,479	2,830	13,205	3,945	11,627
	6,600	6,603	295	1,906	157	1,713
	13,546	13,713	691	3,545	280	3,256
	5,659	5,755	358	1,412	50	1,366
	7,931	8,161	449	2,164	201	1,851
	13,552	13,725	806	3,743	367	3,419
	5,318	5,759	275	1,439	116	1,363
	248,322	267,239	12,915	67,189	9,684	60,385

Table 2.17: Number of Tuberculosis Cases by Type and Sex, 2019

TB Classification	TB Cases	0-4 Years		5-14 Years		15-24 Years		
		Male	Female	Male	Female	Male	Female	
Pulmonary Bacteriologically confirmed	New	0	0	3	6	61	97	
	Relapse	0	0	0	0	0	6	
	Previously treated (excluding relapse)	0	0	0	0	1	0	
	Previously treated (History unknown)	0	0	0	0	0	0	
Pulmonary clinically diagnosed	new	0	1	0	0	7	17	
	relapse	0	0	0	0	4	0	
	previously treated (excluding relapse)	0	0	0	0	0	0	
	previously treated (History unknown)	0	0	0	0	0	0	
Extra-pulmonary bacteriologically confirmed	new	2	1	8	6	71	75	
	relapse	0	0	0	0	0	1	
	previously treated (excluding relapse)	0	0	0	0	1	1	
	previously treated (History unknown)	0	0	0	0	0	0	
Total		2	2	11	12	145	197	

Source: Annual Health Bulletin 2020, MoH.

(Number)

	25-34 Years		35-44 Years		45-54 Years		55-64 Years		65+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
	50	61	39	21	21	12	18	3	21	10	423
	6	10	5	1	3	1	0	3	3	2	40
	1	3	0	0	0	0	1	0	1	0	7
	0	2	0	0	0	0	0	0	0	0	2
	6	11	5	3	5	3	3	3	3	3	70
	1	0	0	0	0	0	2	0	0	0	7
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	50	43	8	33	12	17	11	10	13	16	376
	7	7	0	1	0	1	0	0	2	0	19
	0	0	0	0	0	0	0	0	0	0	2
	0	0	0	0	0	0	0	0	0	0	0
	121	137	57	59	41	34	35	19	43	31	946

Table 2.18: Morbidity cases availing Traditional Medicine Service, 2019

(Number)

Name of Diseases	0 – 8 Years		9 – 59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	
Baedken ned	7	6	778	1,229	399	599	3,018
Bji ned	5	12	0	1	0	0	18
Chaa baab ned	1	0	51	88	23	37	200
Chham rem	82	80	334	406	123	164	1,189
Chher ned	1	0	53	60	33	35	182
Chhin ned	0	1	558	525	149	133	1,366
Chin nyiwai ned	3	5	504	666	273	242	1,693
Chong chen gi ned	1	0	14	18	10	15	58
Chuser gi ned	8	5	527	863	343	412	2,158
Dreg ned	0	3	537	522	317	309	1,688
Drey ned	0	1	41	48	27	34	151
Druumbui ned	6	22	1,872	3,142	1,341	1,529	7,912
Go ned	10	7	1,920	3,924	654	863	7,378
Ja ned tshed thru	0	0	17	36	24	26	103
Jae jed	0	2	52	84	7	14	159
Ju ned	0	1	149	203	52	84	489
Jur pa methroe pai dhug	1	0	54	59	56	42	212
Kha ned	3	3	223	342	59	78	708
Khel ned	6	25	1,761	2,579	801	926	6,098
Long ned	1	0	122	100	46	44	313
Lowai ned	19	13	564	843	427	549	2,415
Mazhuwa	2	2	277	309	139	177	906
Menbu	0	1	12	27	10	10	60
Mig ned	0	0	83	104	35	69	291
Mo ned	0	1	0	146	0	35	182
Mo tshen ned	0	5	0	226	0	58	289
Moogpo	3	1	108	109	31	40	292
Nying ned	4	10	634	976	344	359	2,327
Nyo jed	0	0	18	24	5	4	51
Paag ned	40	31	1,172	1,245	383	355	3,226
Pho ned	24	61	3,928	6,293	1,654	2,202	14,162
Pho tshen ned	7	0	168	0	58	0	233
Remtshed	184	185	1,284	1,424	448	473	3,998

cont...

Table 2.18 cont...

Name of Diseases	0 – 8 Years		9 – 59 Years		60+ Years		Total
	Male	Female		Female		Female	
Sin ned	5	3	215	304	78	94	699
Suryia	1	0	33	100	12	30	176
Thra gi Nyinzer	5	9	2,028	3,167	1,172	1,638	8,019
Thru ned	1	1	24	34	9	20	89
Tren ned	0	1	62	93	32	25	213
Tsa wai ned	8	9	110	159	52	35	373
Ug medewa	1	1	176	243	140	161	722
Yama go sin	46	46	2,977	5,459	720	911	10,159
Zhang druum	2	8	861	868	246	182	2,167
mThri Ned	4	4	309	505	148	194	1,164
rLung ned	3	13	2,240	3,917	2,059	3,072	11,304
rMa chi	2	0	126	135	49	60	372
rNaawai ned	2	5	55	80	33	28	203
rTsa kar	18	46	4,678	7,163	2,750	3,245	17,900
sNa ned	6	0	186	251	73	84	600
Total	522	629	31,895	49,099	15,844	19,696	117,685

Source: Annual Health Bulletin 2020, MoH.

Table 2.19: Therapeutic Services provided by Traditional Medicine Service, 2019

(Number)

Type	0 – 8 Year		9 – 59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	
Gold needle	7	98	4,574	7,374	3,443	4,406	19,902
Gold needle with Moxa	0	0	7	26	4	5	42
Silver needle	0	3	69	63	54	49	238
Blood letting	1	0	340	517	151	226	1,235
Cauterization	0	0	20	41	17	23	101
Hot oil compression	39	81	1,891	4,147	1,907	4,152	12,217
Wet cupping	0	0	165	222	39	49	475
Localized steaming	90	102	5,701	9,697	3,932	4,911	24,433
Herbal steam bath	1	0	1,164	1,606	767	1,151	4,689
Herbal bath	3	0	780	2,375	701	1,014	4,873
Nasal cleansing	26	11	800	1,373	48	92	2,350
Acupuncture	7	10	4,020	7,460	1,184	1,300	13,981
Moxabusion	0	0	24	59	15	6	104
Ginger moxa	0	4	70	64	17	21	176
Horn suction	0	0	0	2	0	1	3
Herbal ball compression	0	0	50	137	20	37	244
Herbal compression	0	0	725	1,213	318	586	2,842
Purgation	0	0	2	10	1	0	13
Emesis	0	1	1	0	0	0	2
Mild Enema	3	0	350	704	175	187	1,419
Strong enema	1	10	132	361	86	79	669
Urine analysis	0	0	197	251	92	161	701
Affusion	0	0	0	10	4	0	14
Massage	10	1	336	614	453	592	2,006
Zhey ney and lue jong	0	0	251	620	45	12	928
Other compression	0	0	5	1	24	51	81
Total	188	321	21,674	38,947	13,497	19,111	93,738

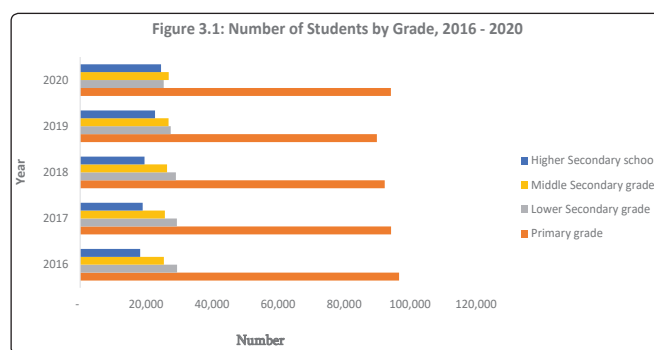
Source: Annual Health Bulletin 2020, MoH.

The modern education system in Bhutan was introduced with the initiation of economic development plans in 1961. The monastic form of education however existed and continues even today. There are now extensive network of schools and other educational institutions spread throughout the country.

The school-based education structure in Bhutan comprised 11 years of free basic education from classes PP to X, divided into 7 years of primary education (PP-VI), which starts at the age of 6, and 4 years of secondary education (VII-X). However, the current Druk Nyamrup Tshogpa led government extended the basic minimum education from class X to XII starting academic year 2020. This policy change in the education system means that henceforth Royal Government of Bhutan will provide literally 13 years of free basic education. Beyond the 12th standard students either continue their tertiary education in institutes and universities or join the vocational training institutes or enter the labour market.

The medium of instructions in the schools are Dzongkha (national language) and English. School curricula also include training in traditional arts, crafts, and agriculture. Besides the modern education system, there are large numbers of traditional institutions offering education to children in Monasteries, Drupdras and Shedras. The Ministry of Education has only recently started collecting information for the Shedras, collection of information on private Monasteries and Drupdras has not yet been undertaken.

Non-Formal Education (NFE), which is meant for those individuals who are unable to avail the facilities of the formal education, was first established formally in 1992. Basic literacy skills, reading, writing and numeric skills are likewise strengthened through this system. The Ministry of Education maintains an extensive range of statistics on students, schools and teaching personnel.



Many schools provide boarding facilities for students living in areas far from the school with meals provided through the support of World Food Programme (WFP). The WFP also supports mid-day meals for day scholars who come from distant communities.

Recognizing that education is the fundamental link to national progress,

Royal Government of Bhutan has always emphasized education as priority sector and will continue to do so in times to come. In the process, Bhutan has achieved tremendous progress in the front of education since the start of the five year plan development. The statistics presented in this chapter provides an overview the Bhutan's current education scenario comprising key education indicators, number of schools, institutes, colleges, students, teachers and lecturers. Where possible, statistics related to schools are also disaggregated at the Dzongkhag level.

Table 3.1: Key Education Indicators by Year, 2016-2020

Indicators	(Percent)				
	2016	2017	2018	2019	2020
Gross Enrolment Ratio (ECED)	18.6	21.8	23.4	25.3	24.19
Apparent Intake Rate (AIR)	91.4	92.2	102.7	98.7	138.9
Net Intake Rate (NIR)	63.1	62.7	63.4	56.4	51.85
Net Enrolment Rate (NER) Primary	94.7	94.8	92.9	91.2	92.94
Adjusted Net Enrolment Rate (ANER) (6-12 years)	98.6	98.8	96.8	96.5	99.37
Net Enrolment Rate (NER) Basic (PP-X)	96.2	95.7	91.3	89.8	90.56
Net Enrolment Rate (NER) Secondary (VII-X)	...	70.1	67.3	74.1	75.71
Gross Enrolment Ratio (GER) Primary (PP-VI)	111.1	109.9	105.6	101.8	108.8
Gross Enrolment Ratio (GER) Basic (PP-X)	109.9	108.8	103.0	100.3	103.32
Gross Enrolment Ratio (GER) Secondary (Class VII-XII)	107.9	106.9	99.0	93.3	93.09
Gross Enrolment Ratio (GER) Higher Secondary	70.3	76.2	69.9	84.0	89.81
Gross Enrolment Ratio (GER) Tertiary within Bhutan (19-23 years)	27.8	27.5	27.5	16.8	17.87
Gross Enrolment Ratio (GER) Tertiary within Bhutan and outside Bhutan (19-23 years)	37.3	35.8	41.6	24.9	23.58
Repetition Rate (Primary)	5.7	4.5	7.1	7.9	7.8
Dropout Rate (Primary)	1.5	1.3	2.3	1.5	1.4
Primary Completion Rate	121.1	107.3	99.7	87.5	89.95
Survival rate to grade VI	89.5	90.8	84.6	83.2	86.8
Survival rate to grade X	76.5	78.1	74.9	79.9	84.3
Transition rate (Primary to Lower secondary)	94.6	97.1	95.4	93.8	106.14
Transition rate (Lower Secondary to Middle Secondary)	91.4	93.0	90.1	87.1	99.11
Transition rate (Middle Secondary to higher Secondary)	72.3	73.6	72.2	89.7	89.49

Source: Annual Education Statistics 2020, MoE

Table 3.2: Number of Schools, Institutes & Centres, 2020

(Number)

School/Institutes/Centres	Government	Private	Total
Early Childhood Development			
ECCD Centres ¹	432	63	495
Schools Education			
Primary Schools	304	15	319
Lower Secondary Schools	60	1	61
Middle Secondary Schools	70	1	71
Higher Secondary Schools	61	21	82
Special Institutes	2	0	2
Extended Classrooms	74	0	74
Central Schools ²	64	0	64
Autonomous Schools	69	0	69
Schools with SEN Program	22	0	22
Institutes Education			
Tertiary Institutes within Bhutan	15	3	18
Technical Training Institutes			
Technical/Vocational Institutes	6	0	6
Institute of Zorig Chusum	2	0	2
Other Forms of Education			
Monastic Education (Lobdra, Shedra, etc) ³	213	...	213
Continuing Education Centres	0	3	3
Non-Formal Education Centres ⁴	427	0	427

Note: ¹Private ECCD includes ECCD under NGO, Private & Corporation.

²Central Schools already counted under general Schools.

³The figures are extracted from AES 2019, MoE since the information for 2020 is not available.

⁴The Non-Formal Education Centers include CLCs as well.

Source: Education Management Information System, MoE.

Table 3.3: Number of Students, Learners, Trainees and Novitiates, 2020

(Number)

Details	Government			Private			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Early Childhood Development									
ECCD Centres	3,503	3,420	6,923	587	516	1,103	4,090	3,936	8,026
School Education									
Primary Schools	20,715	20,450	41,165	1,061	939	2,000	21,776	21,389	43,165
Lower Secondary Schools	12,326	12,462	24,788	86	72	158	12,412	12,534	24,946
Middle Secondary Schools	22,292	23,185	45,477	274	282	556	22,566	23,467	46,033
Higher Secondary Schools	21,495	23,781	45,276	4,619	4,906	9,525	26,114	28,687	54,801
Extended Classroom	817	915	1,732	0	0	0	817	915	1,732
Continuing Education	0	0	0	66	98	164	66	98	164
Central Schools ¹	19,539	21,595	41,134	0	0	0	19,539	21,595	41,134
Special Institutes	70	59	129	0	0	0	70	59	129
School with SEN programs	437	304	741	0	0	0	437	304	741
Tertiary Education									
Tertiary Students within Bhutan	5,603	5,084	10,687	710	900	1,610	6,313	5,984	12,297
Tertiary Students abroad ²	757	601	1,358	1,295	1,277	2,572	2,052	1,878	3,930
Technical Training Institutes									
Technical & Vocational Education and Training	350	131	481	0	0	0	350	131	481
Institute of Zorig Chusum	44	30	74	0	0	0	44	30	74
Other Forms of Education									
Monastic Education (Lobdra, Shredra, etc) ³	4,695	296	4,991	0	0	0	4,695	296	4,991
Non-Formal Education Centres	1,277	3,651	4,928	0	0	0	1,277	3,651	4,928

Note: ¹Central School students already included under general Schools.

²For tertiary students abroad, under the government category, it includes students who are on various scholarships administered by DAHE and other organizations.

³The figures are extracted from AES 2019, MoE since the information for 2020 is not available.

Source: Annual Education Statistics 2020, MoE.

Table 3.4: Summary of Teachers, Lecturers, Instructors, Trainers and Facilitators, 2020

(Number)

Details	Government			Private			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Early Childhood Development									
ECCD Centres	53	676	729	9	209	218	62	885	947
School Education									
Primary Schools	1,556	1,045	2,601	59	133	192	1,615	1,178	2,793
Lower Secondary Schools	766	703	1,469	7	12	19	773	715	1,488
Middle Secondary Schools	1,442	1,142	2,584	22	22	44	1,464	1,164	2,628
Higher Secondary Schools	1,560	1,000	2,560	348	209	557	1,908	1,209	3,117
Extended Classroom	103	30	133	0	0	0	103	30	133
Special Institutes	24	17	41	0	0	0	24	17	41
Tertiary Education									
Tertiary Institutes within Bhutan	470	175	645	64	57	121	534	232	766
Technical Training Institutes									
Technical/Vocational Institutes	70	35	105	0	0	0	70	35	105
Institutes of Zorig Chusum	31	7	38	0	0	0	31	7	38
Other Forms of Education									
Non-Formal Centres	111	320	431	0	0	0	111	320	431

Source: Annual Education Statistics 2020, MoE.

Note: Teachers under SEN school are not trained in SEN and the teachers are already counted in other school levels.

Table 3.5: Enrolment in Institutions and at Tertiary level, 2016-2020

(Number)

Institutions	Ownership	2016	2017	2018	2019	2020
Royal University of Bhutan		9,173	9,822	9,181	9,648	11,365
College of Natural Resources, Lobesa	Public	521	660	667	991	969
College of Science and Technology, Rinchending	Public	947	1,002	1,060	938	994
College of Language and Culultural Studies, Takse	Public	1,320	1,247	1,262	1,158	1,117
Jigme Namgyel Engineering College, Dewathang	Public	826	861	889	721	694
Paro College of Education, Paro	Public	1,464	1,531	969	1,594	1,589
Samtse College of Education, Samtse	Public	966	1,154	1,159	741	913
Sherubtse College, Kanglung	Public	1,782	1,843	1,638	1,578	1,618
Gaeddu College of Business Studies, Chhukha	Public	1,347	1,412	1,426	1,619	1,624
Gyalposhing College of Information Technology	Public	...	80	79	264	265
Royal Thimphu College	Private	1,250	...	1,188	983	1,203
Norbuling Rigter College	Private	...	92	91	162	335
Yonphula Centenary College	Public	...	32	32	44	44
Khesar Gyalpo University of Medical Sciences		473	54	600	628	686
Faculty of Nursing and Public Health	Public	337	...	429	469	486
Faculty of Traditional Medicine	Public	83	...	89	91	79
Faculty of Postgraduate Medicine	Public	...	...	30	36	49
Arura Academy of Health Sciences	Private	53	54	52	32	72
Autonomous Institutes		388	25	187	360	246
Royal Institute of Management	Public	338	...	162	298	203
Jigme Singye Wangchuk School of Law	Public	...	25	25	62	43
Vocational Institutes		1,487	1,307	1,460	1,690	555
TTI-Chumey	Public	163	177	195	241	63
TTI Khuruthang	Public	218	226	209	240	94
TTI- Rangjung	Public	200	174	180	183	67
TTI- Samthang	Public	173	129	141	154	89
JWPTI- Dekiling, Sarpang	Public	182	56	206	301	41
TTI-Thimphu	Public	57	73	76	79	127
Zorig Chusum, Thimphu	Public	319	308	245	295	5
Zorig Chusum, Trashiyangtse	Public	175	164	208	197	69

Source: *State of Tertiary Education (STE) 2019, DAHE, MoE*

Table 3.6: Number of Schools by Type and Dzongkhag, 2020

Dzongkhag	Public					Private				
	Higher Secondary Schools	Middle Secondary Schools	Lower Secondary Schools	Primary Schools	Extended Classrooms	Higher Secondary Schools	Middle Secondary Schools	Lower Secondary Schools	Primary Schools	Extended Classrooms
Bumthang	1	3	1	12	1	1	0	0	0	0
Chhukha	3	6	3	25	6	0	0	0	0	0
Phuentsholing Thromde	1	2	1	0	0	2	0	0	0	0
Dagana	3	3	3	12	3	0	0	0	0	0
Gasa	1	1	0	2	2	0	0	0	0	0
Haa	1	1	2	5	1	1	0	0	0	0
Lhuentse	2	2	2	10	3	0	0	0	0	0
Monggar	4	5	3	25	11	1	0	0	0	0
Paro	4	4	4	7	0	4	0	1	5	0
Pema Gatsel	2	3	3	13	4	0	0	0	0	0
Punakha	2	4	3	10	7	1	0	0	0	0
Samdrup Jongkhar	2	6	2	14	5	0	0	0	0	0
Samdrup Jongkhar Thromde	0	1	0	2	0	1	0	0	1	0
Samtse	4	3	6	19	14	0	0	0	0	0
Sarpang	2	2	5	11	2	1	0	0	0	0
Gelephu Thromde	1	1	1	0	0	1	0	0	0	0
Thimphu	1	3	1	5	2	1	0	0	1	0
Thimphu Thromde	4	6	3	6	0	6	1	0	8	0
Trashigang	4	7	9	34	3	1	0	0	0	0
Trashi Yangtse	2	2	6	19	0	0	0	0	0	0
Trongsa	2	2	1	14	2	0	0	0	0	0
Tsirang	2	1	1	11	1	0	0	0	0	0
Wangdue Phodrang	2	2	1	23	7	0	0	0	0	0
Zhemgang	2	2	2	23	0	0	0	0	0	0
Total	62	70	60	305	74	21	1	1	15	0

*Note: Sen Schools are included under respective types i.e Higher and Primary Secondary Schools
Source: Annual Education Statistics 2019, MoE.*

Table 3.7: Comparative Enrolment by Grade and Schools, 2019-2020

Class	Private Schools				Extended Classroom				Primary School				
	2019	2020	+ or -	%	2019	2020	+ or -	%	2019	2020	+ or -	%	
PP	343	602	259	76	434	614	180	41	5,382	7,871	2489	46	
I	776	696	(80)	(10)	449	417	(32)	(7)	6,271	5,814	(457)	(7)	
II	587	591	4	1	381	398	17	4	5,999	6,318	319	5	
III	492	478	(14)	(3)	306	284	(22)	(7)	5,696	5,841	145	3	
IV	422	387	(35)	(8)	2	19	17	850	6,105	6,114	9	0	
V	337	376	39	12	0	0	0	0	5,569	5,917	348	6	
VI	289	310	21	7	0	0	0	0	4,870	5,290	420	9	
Sub Total	3,246	3,440	194	6	1,572	1,732	160	10	39,892	43,165	3273	8	
VII	127	161	34	27	0	0	0	0	0	0	0	0	
VIII	177	157	(20)	(11)	0	0	0	0	0	0	0	0	
Sub Total	304	318	14	5	0	0	0	0	0	0	0	0	
IX	154	210	56	36	0	0	0	0	0	0	0	0	
X	213	197	(16)	(8)	0	0	0	0	0	0	0	0	
Sub Total	367	407	40	11	0	0	0	0	0	0	0	0	
XI	4,353	2,213	(2140)	(49)	0	0	0	0	0	0	0	0	
XII	4,643	5,861	1218	26	0	0	0	0	0	0	0	0	
Sub Total	8,996	8,074	(922)	(10)	0	0	0	0	0	0	0	0	
VII-X	671	725	54	8	0	0	0	0	0	0	0	0	
Total	12,913	12,239	(674)	(5)	1,572	1,732	160	10	39,892	43,165	3273	8	

Note: Include 2 special Institutes students.

Source: Annual Education Statistics 2020, MoE.

	Lower & Middle Secondary					Higher Secondary Schools				Total			
	2017	2019	2020	+ or -	%	2019	2020	+ or -	%	2019	2020	+ or -	%
		4,819	6,806	1987	41	1204	1297	93	8	11,852	16,591	4739	40
		5,365	5,206	159	(3)	1,385	1,100	(285)	(21)	13,482	12,541	(941)	(7)
		5,378	5,556	178	3	1,295	1,061	(234)	(18)	13,061	13,338	277	2
		5,360	5,483	123	2	1,393	1,010	(383)	(27)	12,767	12,619	(148)	(1)
		6,173	6,097	76	(1)	1,645	1,230	(415)	(25)	13,944	13,465	(479)	(3)
		5,908	6,067	159	3	1,515	1,280	(235)	(16)	13,008	13,265	257	2
		5,479	5,758	279	5	1,416	1,291	(125)	(9)	11,780	12,346	566	5
	0	38,482	40,973	2491	6	9,853	8,269	(1584)	(16)	89,894	94,165	4271	5
		10,167	9,006	1161	(11)	3,526	3,497	(29)	(1)	13,702	12,503	(1199)	(9)
		10,111	9,226	885	(9)	3,629	3,570	(59)	(2)	13,752	12,796	(956)	(7)
	0	20278	18232	2046	(10)	7155	7067	(88)	(1)	27454	25299	(2155)	(8)
		6,376	6,325	51	(1)	7,503	7,305	(198)	(3)	13,886	13,630	(256)	(2)
		5,658	5,449	209	(4)	7,213	7,734	521	7	12,881	13,183	302	2
	0	12034	11774	260	(2)	14716	15039	323	2	26767	26813	46	0
		0	0	0	0	11,750	11,527	(223)	(2)	11,750	11,527	(223)	(2)
		0	0	0	0	10,921	13,002	2081	19	10,921	13,002	2081	19
	0	0	0	0	0	22,671	24,529	1858	8	22,671	24,529	1858	8
		32,312	30,006	2306	(7)	21,871	22,106	235	1	54,221	52,112	(2109)	(4)
	0	70,794	70,979	185	0	54,395	54,904	509	1	166,786	170,806	4020	2

Table 3.8: Number of Students by Grade, 2016-2020

(Number)

Grade	2016	2017	2018	2019	2020
Primary grade	96,654	94,184	92,298	89,894	94,165
PP	13,565	13,249	13,681	11,852	16,591
I	13,645	13,390	13,113	13,482	12,541
II	13,304	13,696	13,336	13,061	13,338
III	12,150	12,812	13,165	12,767	12,619
IV	14,511	13,312	13,666	13,944	13,465
V	15,071	13,602	12,546	13,008	13,265
VI	14,408	14,123	12,791	11,780	12,346
Lower Secondary grade	29,353	29,296	28,989	27,454	25,299
VII	15,490	15,298	14,933	13,702	12,503
VIII	13,863	13,998	14,056	13,752	12,796
Middle Secondary grade	25,382	25,682	26,338	26,767	26,813
IX	13,389	13,624	13,828	13,886	13,630
X	11,993	12,058	12,510	12,881	13,183
Higher Secondary school	18,171	18,930	19,483	22,671	24,529
XI	8,086	8,919	8,882	11,750	11,527
XII	10,085	10,011	10,601	10,921	13,002
Total	169,560	168,092	167,108	166,786	170,806

Note: Students of 2 special institutes also included.

Source: Education Management Information System, MoE.

Information on the economic characteristics of working population is essential in stimulating investments where they are needed, identification of priority sectors and designing government programs and strategies in order to mobilize the country's human resources towards economic development and prosperity. The economy of Bhutan is characterized by the predominance of people engaged in self-employment, particularly those working on their own land. There is also a good deal of small cottage industry often undertaken in the home. The number of person working for wages is relatively small.

Statistics on labour force and its characteristics are not only vital for planning for human resource development but also estimating and labour demand and supply projections. Basically, it measures the involvement of people in economic activities. Economic activities refer to the production of economic goods and services and include people who are self-employed (e.g. farmers operating their own land) as well as persons who work for wages (i.e. employees). Broadly, a statistical system for human resources should cover topics such as size and characteristics of the labour force, employment, wage rate and conditions of work.

The primary source of data on labour and employment is the Labour Force Survey, which is being conducted annually in Bhutan. This captures employment in formal and informal sectors since the survey respondents are households. Included in this chapter are employment status, by sex, area, major industry and by occupation groups from LFS Report, 2019. At the same time, it also includes statistics on employment maintained by Royal Civil Service Commission. Figure 4.1 presents the unemployment rate in Bhutan by sex over the last five years (2015-2019).

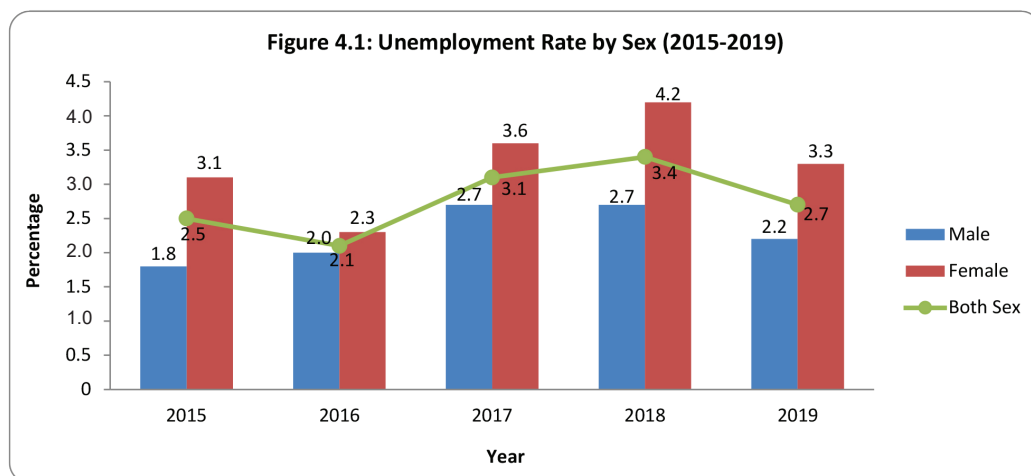


Table 4.1: Distribution of Labour Force Participation, Employment Status, Unemployment Status by Age Group and Sex, 2019

Age	Labour Force participation						
	Number			Labour Force participation rate			
	Male	Female	Total	Male	Female	Total	
15-19	2,498	2,392	4,890	7.7	7.2	7.5	
20-24	12,241	13,468	25,709	49.9	54.1	52.0	
25-29	23,404	22,168	45,572	86.6	73.7	79.8	
30-34	23,620	23,755	47,375	94.4	78.5	85.7	
35-39	23,519	20,623	44,142	96.1	79.1	87.3	
40-44	19,452	15,837	35,289	96.5	80.2	88.4	
45-49	16,312	14,078	30,390	96.4	80.5	88.3	
50-54	14,476	12,837	27,313	93.8	78.3	85.8	
55-59	11,452	10,234	21,686	91.0	77.3	84.0	
60-64	10,423	7,747	18,170	84.8	66.8	76.0	
65+	11,705	7,517	19,222	47.3	32.4	40.1	
Total	169,103	150,655	319,758	71.8	61.2	66.4	

Note: Figures may not add upto the totals because of rounding

Source: Labour Force Survey Report 2019, NSB.

	Unemployment						Employment					
	Number			Unemployment rate			Number			Employment rate		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
	253	114	367	10.1	4.8	7.5	2,245	2,277	4,522	89.9	95.2	92.5
	1,184	2,075	3,259	9.7	15.4	12.7	11,057	11,393	22,450	90.3	84.6	87.3
	1,366	1,494	2,860	5.8	6.7	6.3	22,037	20,673	42,710	94.2	93.3	93.7
	391	610	1,001	1.7	2.6	2.1	23,229	23,144	46,373	98.3	97.4	97.9
	159	288	447	0.7	1.4	1.0	23,360	20,335	43,695	99.3	98.6	99.0
	112	168	280	0.6	1.1	0.8	19,340	15,669	35,009	99.4	98.9	99.2
	161	69	230	1.0	0.5	0.8	16,151	14,009	30,160	99.0	99.5	99.2
	124	96	220	0.9	0.7	0.8	14,352	12,740	27,092	99.1	99.2	99.2
	32	0	32	0.3	0.0	0.1	11,420	10,234	21,654	99.8	100.0	99.9
	0	0	0	0.0	0.0	0.0	10,423	7,747	18,170	100.0	100.0	100.0
	0	0	0	0.0	0.0	0.0	11,705	7,517	19,222	99.9	100.0	99.9
	3,783	4,915	8,698	2.2	3.3	2.7	165,320	145,740	311,060	97.8	96.7	97.3

Table 4.2: Civil Servants by Position Category and Employment Type, 2015 - 2019

Position Category & Position Level	2015			2016			
	Regular	Contract	Total	Regular	Contract	Total	
Executive Position Category							
No Level ¹	5	0	5	3	0	3	
EX1	28	0	28	25	0	25	
EX2	48	2	50	47	2	49	
EX3	62	2	64	62	2	64	
Total	143	4	147	137	4	141	
Specialist Position Category							
ES1	2	0	2	3	0	3	
ES2	26	1	27	32	2	34	
ES3	74	1	75	69	1	70	
Total	102	2	104	104	3	107	
Professional & Management Position Category							
P1	658	10	668	850	16	866	
P2	1,326	19	1,345	1,560	25	1,585	
P3	2,214	71	2,285	2,737	96	2,833	
P4	4,746	225	4,971	3,990	211	4,201	
P5	4,724	163	4,887	2,925	680	3,605	
Total	13,668	488	14,156	12,062	1,028	13,090	
Supervisory & Support Position Category							
SS1	0	0	0	2	0	2	
SS2	0	0	0	187	2	189	
SS3	0	0	0	815	0	815	
SS4	0	0	0	1,229	19	1,248	
S1	2,428	242	2,670	2,417	42	2,459	
S2	2,222	23	2,245	2,082	258	2,340	
S3	1,772	7	1,779	1,838	8	1,846	
S4	2,030	31	2,061	1,710	37	1,747	
S5	1,150	207	1,357	745	270	1,015	
Total	9,602	510	10,112	11,025	636	11,661	
Operational Positon Category							
O1	720	4	724	793	5	798	
O2	402	35	437	319	82	401	
O3	395	0	395	412	1	413	
O4	485	51	536	309	109	418	
Total	2,002	90	2,092	1,833	197	2,030	
Grand Total	25,517	1,094	26,611	25,161	1,868	27,029	

Note: ¹ Eminent members of the Parliament and Attorney General. R= Regular, C= Contract

Source: Civil Service Statistics, December 2019, RCSC.

	2017			2018			2019		
	Regular	Contract	Total	Regular	Contract	Total	Regular	Contract	Total
	3	0	3	3	0	3	3	0	3
	25	0	25	23	0	23	22	1	23
	58	1	59	51	2	53	52	3	55
	68	4	72	70	4	74	74	4	78
	154	5	159	147	6	153	151	8	159
	5	1	6	4	1	5	3	0	3
	36	1	37	40	2	42	36	1	37
	72	1	73	70	1	71	85	2	87
	113	3	116	114	4	118	124	3	127
	944	18	962	1,037	19	1,056	1,142	17	1,159
	1,720	29	1,749	1,900	28	1,928	2,057	35	2,092
	3,202	74	3,276	3,735	75	3,810	3,829	62	3,891
	3,853	116	3,969	3,430	163	3,593	3,397	236	3,633
	2,617	821	3,438	2,225	914	3,139	2,146	1,240	3,386
	12,336	1,058	13,394	12,327	1,199	13,526	12,571	1,590	14,161
	26	0	26	61	0	61	110	0	110
	272	2	274	301	2	303	350	3	353
	858	0	858	950	0	950	1,054	0	1,054
	1,355	15	1,370	1,533	14	1,547	1,576	16	1,592
	2,561	44	2,605	2,570	48	2,618	2,646	60	2,706
	2,057	44	2,101	2,011	67	2,078	2,146	58	2,204
	1,943	12	1,955	2,173	16	2,189	2,028	17	2,045
	1,488	32	1,520	1,135	18	1,153	955	31	986
	670	790	1,460	546	987	1,533	520	1,445	1,965
	11,230	939	12,169	11,280	1,152	12,432	11,385	1,630	13,015
	846	5	851	839	4	843	849	4	853
	286	129	415	325	168	493	354	174	528
	419	2	421	383	1	384	325	3	328
	186	359	545	116	553	669	92	769	861
	1,737	495	2,232	1,663	726	2,389	1,620	950	2,570
	25,570	2,500	28,070	25,531	3,087	28,618	25,851	4,181	30,032

Table 4.3: Civil Servants by Working Agency and Employment Type, 2019

Working Agency	Regular			Contract			% Against Grand Total
	Bhutanese	Non-Bhutanese	Total	Bhutanese	Non-Bhutanese	Total	
His Majesty's Secretariat	45	0	45	26	0	26	71 0.24%
Secretariat of His Majesty The Fourth Druk Gyalpo	9	0	9	18	0	18	27 0.09%
Judiciary							
Royal Court of Justice	470	0	470	39	0	39	509 1.69%
Supreme Court of Bhutan	6	0	6	0	0	0	6 0.02%
Legislative							
National Assembly Secretariat	43	0	43	38	0	38	81 0.27%
National Council Secretariat	40	0	40	24	0	24	64 0.21%
Constitutional							
Royal Audit Authority	235	0	235	11	0	11	246 0.82%
Anti-Corruption Commission	121	0	121	2	0	2	123 0.41%
Royal Civil Service Commission	93	0	93	3	0	3	96 0.32%
Ministry							
Ministry of Agriculture and Forests	2,778	0	2,778	131	0	131	2,909 9.69%
Ministry of Health	1,343	1	1,344	85	11	96	1,440 4.79%
Ministry of Finance	891	0	891	53	1	54	945 3.15%
Ministry of Works & Human Settlement	676	1	77	22	3	25	702 2.34%
Ministry of Home & Cultural Affairs	580	0	580	22	0	22	602 2.00%

cont...

Table 4.3 cont...

Working Agency								% Against Grand Total
	Bhutanese	Non-Bhutanese	Total	Bhutanese	Non-Bhutanese	Total	Grand Total	
Ministry of Information & Communications	492	0	492	37	0	37	529	1.76%
Ministry of Economic Affairs	502	0	502	10	0	10	512	1.70%
Ministry of Labour & Human Resources	405	0	405	19	0	19	424	1.41%
Ministry of Education	211	0	211	4	0	4	215	0.72%
Ministry of Foreign Affairs	203	2	205	10	0	10	215	0.72%
Autonomous								
Jigme Dorji Wangchuk National Referral Hospital	1,032	0	1,032	140	6	146	1,178	3.92%
National Land Commission	212	0	212	5	0	5	217	0.72%
National Center for Hydrology and Meteorology	187	0	187	1	0	1	188	0.63%
Tourism Council of Bhutan	79	0	79	12	0	12	91	0.30%
Dratshang Lhentshog	47	0	47	57	0	57	104	0.35%
Gross National Happiness Commission	70	0	70	0	0	0	70	0.23%
Royal Institute of Management	63	0	63	3	0	3	66	0.22%
Office of the Attorney General	67	0	67	5	0	5	72	0.24%
Bhutan Standards Bureau	55	0	55	2	0	2	57	0.19%
National Environment Commission	71	0	71	1	0	1	72	0.24%

cont...

Table 4.3 cont...

Working Agency	Regular			Contract			% Against Grand Total
	Bhutanese	Non-Bhutanese	Total	Bhutanese	Non-Bhutanese	Total	
Bhutan Narcotic Control Authority	25	0	25	32	0	32	0.19%
Royal Education Council	47	0	47	7	0	7	0.18%
Cabinet Secretariat	44	0	44	8	0	8	0.17%
National Statistics Bureau	48	0	48	1	0	1	0.16%
Bhutan Council for School Examinations and Assessment	32	0	32	3	0	3	0.12%
Bhutan Information Communications & Media Authority	30	0	30	4	0	4	0.11%
Drug Regulatory Authority	29	0	29	2	0	2	0.10%
Dzongkha Development Commission	26	0	26	2	0	2	0.09%
Centre for Bhutan Studies and GNH Research	21	0	21	4	0	4	0.08%
Construction Development Board	25	0	25	1	0	1	0.09%
National Commission for Women & Children	25	0	25	4	0	4	0.10%
Bhutan Olympic Committee	19	0	19	0	0	0	0.06%
Bhutan National Legal Institute	14	0	14	4	0	4	0.06%
Royal Privy Council	10	0	10	0	0	0	0.03%
Bhutan Medical Health Council	13	0	13	1	0	1	0.05%
Bhutan Civil Aviation Authority	30	0	30	3	1	4	0.11%

cont...

Table 4.3 cont...

Working Agency	Regular			Contract			% Against Grand Total
	Bhutanese	Non-Bhutanese	Total	Bhutanese	Non-Bhutanese	Total	
Bhutan Health Trust Fund (delinked)	5	0	5		0	0	5 0.02%
National Film Commission	2	0	2		0	0	2 0.01%
Media Council	1	0	1		0	0	1 0.00%
Dzongkhag							
Trashigang	1,182	0	1,182	292	7	299	1,481 4.93%
Samtse	1,052	1	1,053	243	23	266	1,319 4.39%
Chhukha	895	1	896	189	7	196	1,092 3.64%
Monggar	747	0	747	286	3	289	1,036 3.45%
Paro	903	0	903	101	2	103	1,006 3.35%
Wangdue Phodrang	792	0	792	103	2	105	897 2.99%
Dagana	599	0	599	201	1	202	801 2.67%
Samdrup Jongkhar	658	0	658	187	8	195	853 2.84%
Sarpang	689	0	689	118	6	124	813 2.71%
Pemagatsel	585	0	585	180	2	182	767 2.55%
Punakha	670	0	670	110	7	117	787 2.62%
Zhemgang	516	0	516	192	1	193	709 2.36%
Trashiyangtse	486	0	486	173	1	174	660 2.20%
Tsirang	547	0	547	128	1	129	676 2.25%
Lhuentse	403	0	403	128	0	128	531 1.77%
Bumthang	445	0	445	72	0	72	517 1.72%

cont...

Table 4.3 cont...

Working Agency	Regular			Contract			% Against Grand Total
	Bhutanese	Non-Bhutanese	Total	Bhutanese	Non-Bhutanese	Total	
Trongsa	363	0	363	118	0	118	1.60%
Thimphu	418	0	418	63	4	67	1.61%
Haa	344	0	344	66	0	66	1.37%
Gasa	162	0	162	56	0	56	0.73%
Thromde							
Thimphu	1,200	0	1,200	103	19	122	4.40%
Phuentsholing	314	0	314	31	15	46	1.20%
Gelephu	246	0	246	17	3	20	0.89%
Samdrup Jongkhar	149	0	149	32	2	34	0.61%
Non-Civil Service							
Defence ¹	1	0	1	0	0	0	0.00%
Non Governmental Organizations	3	0	3	0	0	0	0.01%
Corporations	2	0	2	0	0	0	0.01%
International Organizations	2	0	2	0	0	0	0.01%
Total	25,845	6	25,851	4,045	136	4,181	100.00%

Note: ¹ Finance and Accounts staff placed in RBG/RBA/RBP

B: Bhutanese, NB: Non Bhutanese

Source: Civil Service Statistics, December 2019, RCSC.

Table 4.4: Civil Servants by Position Level and Sex, 2019

Position Category	Regular						Contract						Total Contract	Total Male	Total Female	Grand Total				
	Bhutanese			Non-Bhutanese			Total Regular			Bhutanese							Non-Bhutanese			Total
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total								
Executive Position Category																				
No Level ¹	2	1	3	0	0	0	3	0	0	0	0	0	0	0	2	3				
EX1	22	0	22	0	0	0	22	1	0	1	0	0	0	0	23	23				
EX2	49	3	52	0	0	0	52	2	1	3	0	0	0	3	51	55				
EX3	62	12	74	0	0	0	74	4	0	4	0	0	0	4	66	78				
Total	135	16	151	0	0	0	151	7	1	8	0	0	0	8	142	159				
Specialist Position Category																				
ES1	3	0	3	0	0	0	3	0	0	0	0	0	0	0	3	3				
ES2	29	7	36	0	0	0	36	1	0	1	0	0	0	1	30	37				
ES3	69	16	85	0	0	0	85	1	0	1	1	0	1	2	71	87				
Total	101	23	124	0	0	0	124	2	0	2	1	0	1	3	104	127				
Professional & Management Position Category																				
P1	793	350	1,143	0	0	0	1,143	10	0	10	5	1	6	16	808	1,159				
P2	1,385	672	2,057	0	0	0	2,057	10	1	11	15	9	24	35	1,410	2,092				
P3	2,390	1,439	3,829	0	0	0	3,829	8	5	13	39	10	49	62	2,437	3,891				
P4	2,156	1,241	3,397	0	0	0	3,397	77	119	196	22	18	40	236	2,255	3,633				
P5	1,173	973	2,146	0	0	0	2,146	674	555	1,229	4	7	11	1,240	1,851	3,386				
Total	7,897	4,675	12,572	0	0	0	12,572	779	680	1,459	85	45	130	1,589	8,761	14,161				
Supervisory & Support Position Category																				
SS1	66	44	110	0	0	0	110	0	0	0	0	0	0	0	66	110				
SS2	275	75	350	0	0	0	350	2	1	3	0	0	0	3	277	353				
SS3	752	300	1,052	1	1	2	1,054	0	0	0	0	0	0	0	753	1,054				
SS4	1,020	555	1,575	0	1	1	1,576	13	3	16	0	0	0	16	1,033	1,592				

cont...

Table 4.4 cont...

Position Category	Regular						Contract						Total Contract	Total Male	Total Female	Grand Total	
	Bhutanese			Non-Bhutanese			Total Regular	Bhutanese			Non-Bhutanese						
	Male	Female	Total	Male	Female	Total		Male	Female	Total	Male	Female					Total
S1	1,598	1,047	2,645	0	1	1	42	18	60	0	0	0	60	1,640	1,066	2,706	
S2	1,278	868	2,146	0	0	0	37	21	58	0	0	0	58	1,315	889	2,204	
S3	1,097	929	2,026	2	0	2	11	5	16	1	0	1	17	1,111	934	2,045	
S4	398	557	955	0	0	0	21	9	30	0	1	1	31	419	567	986	
S5	349	171	520	0	0	0	489	956	1,445	0	0	0	1,445	838	1,127	1,965	
Total	6,833	4,546	11,379	3	3	6	615	1,013	1,628	1	1	2	1,630	7,452	5,563	13,015	
Operational Position Category																	
O1	704	145	849	0	0	0	3	0	3	1	0	1	4	708	145	853	
O2	270	84	354	0	0	0	67	107	174	0	0	0	174	337	191	528	
O3	300	25	325	0	0	0	2	1	3	0	0	0	3	302	26	328	
O4	88	4	92	0	0	0	677	90	767	2	0	2	769	767	94	861	
Total	1,362	258	1,620	0	0	0	749	198	947	3	0	3	950	2,114	456	2,570	
Grand Total	16,328	9,518	25,846	3	3	6	2,152	1,892	4,044	90	46	136	,180	18,573	11,459	30,032	

Note: ¹ Eminent members of the Parliament & Attorney General are summed up with Executive Position Category.

Source: Civil Service Statistics, December 2019, RCSC.

Table 4.5: Percentage Distribution of Economically Active Population by Sex and Dzongkhag, 2019

Dzongkhag	Number	Sex	
		Male	Female
Bumthang	7,201	73.3	66.4
Chhukha	28,919	70.0	60.2
Dagana	12,638	74.7	72.4
Gasa	1,383	79.1	71.4
Haa	6,031	67.7	62.3
Lhuntse	7,075	67.1	71.4
Monggar	19,435	71.7	69.8
Paro	18,281	72.4	54.5
Pema Gatshel	10,543	68.5	54.8
Punakha	11,843	66.8	60.8
Samdrup Jongkhar	17,459	72.6	69.0
Samtse	32,927	76.4	66.2
Sarpang	20,203	70.8	57.3
Thimphu	51,011	77.0	48.3
Trashigang	21,744	67.4	70.5
Trashhi Yangtse	7,787	67.3	65.6
Trongsa	7,643	65.5	60.5
Tsirang	11,744	75.2	69.7
Wangdue Phodrang	16,332	67.0	61.1
Zhemgang	9,557	68.7	67.2
Bhutan	319,758	71.8	61.2

Note: Figures may not add upto the totals because of rounding

Source: Labour Force Survey Report 2019, NSB.

Table 4.6: Distribution of Employed Persons by Major Occupation, Area and Sex, 2019

Major Occupation	Number				Total	Percent				Total
	Area		Sex			Area		Sex		
	Urban	Rural	Male	Female		Urban	Rural	Male	Female	
Managers	7,517	5,213	8,562	4,168	12,730	8.1	2.4	5.2	2.9	4.1
Professionals	16,523	10,554	17,724	9,353	27,077	17.8	4.8	10.7	6.4	8.7
Technicians & Associate Professionals	9,019	4,289	9,123	4,186	13,309	9.7	2.0	5.5	2.9	4.3
Clerical Support Workers	5,534	1,972	3,862	3,644	7,506	6.0	0.9	2.3	2.5	2.4
Services and Sales workers	18,781	12,602	14,275	17,107	31,382	20.3	5.8	8.6	11.7	10.1
Skilled Agricultural & Forestry workers	3,423	154,878	68,492	89,809	158,301	3.7	70.9	41.4	61.6	50.9
Craft & Related Trade Workers	12,877	13,993	14,273	12,597	26,870	13.9	6.4	8.6	8.6	8.6
Plant & Machine Operators	8,053	6,672	14,471	253	14,724	8.7	3.1	8.8	0.2	4.7
Elementary Occupations	4,496	6,598	6,827	4,267	11,094	4.9	3.0	4.1	2.9	3.6
Armed Forces	6,474	1,591	7,710	356	8,066	7.0	0.7	4.7	0.2	2.6
Total	92,697	218,363	165,320	145,740	311,060	100.0	100.0	100.0	100.0	100.0

*Note: Figures may not add upto the totals because of rounding
Source: Labour Force Survey Report 2019, NSB.*

Table 4.7: Distribution of Employed Persons by Nature of Employment, Area and Sex, 2019

Nature of Employment	Number						Percent					
	Urban			Rural			Both Areas			Urban		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Regular Paid Employee	38,183	19,232	57,415	22,203	8,834	31,037	60,386	28,066	88,452	69.5	50.9	61.9
Casual Paid Employee	3,806	444	4,251	7,786	379	8,165	11,592	823	12,415	6.9	1.2	4.6
Piece Paid Worker	543	25	568	1,882	24	1,905	2,425	48	2,473	1.0	0.1	0.6
Own-account worker (Non-agriculture)	8,188	11,513	19,701	9,474	8,218	17,692	17,662	19,731	37,393	14.9	30.5	21.3
Own-account Worker (Agriculture)	766	720	1,487	38,019	28,005	66,024	38,785	28,725	67,510	1.4	1.9	1.6
Employer	1,434	361	1,794	791	134	925	2,225	495	2,719	2.6	1.0	1.9
Family Worker (Non-agriculture)	1,511	4,157	5,668	1,367	2,718	4,085	2,878	6,875	9,753	2.8	11.0	6.1
Family Worker (Agriculture)	476	1,337	1,812	28,892	59,640	88,531	29,367	60,976	90,344	0.9	3.5	2.0
Total	54,908	37,788	92,697	110,411	107,951	218,363	165,320	145,740	311,059	100.0	100.0	100.0
										100.0	100.0	100.0

*Note: Figures may not add upto the totals because of rounding
Source: Labour Force Survey Report 2019, NSB.*

Table 4.8: Distribution of Employed Persons by Type of Enterprise and Sex, 2019

Nature of Employment	Number			Percent		
	Male	Female	Total	Male	Female	Both sex
Civil Service	13,366	8,027	21,393	8.1	5.5	6.9
Other Government Agency	9,955	4,930	14,885	6.0	3.4	4.8
Armed Forces	8,010	466	8,476	4.8	0.3	2.7
Agriculture Farming	68,185	89,705	157,890	41.3	61.6	50.8
Public/Government Company	10,459	3,828	14,287	6.3	2.6	4.6
Private Limited Company	9,878	4,638	14,516	6.0	3.2	4.7
Private Business	43,935	32,901	76,836	26.6	22.6	24.7
A Household(s) as a Domestic Worker	370	337	707	0.1	0.2	0.1
NGO/INGO/CSO	1,160	908	2,068	0.7	0.6	0.7
Total	165,320	145,740	311,058	100.0	100.0	100.0

Note: Figures may not add upto the totals because of rounding

Source: Labour Force Survey Report 2019, NSB.

Table 4.9: Total Employed Persons by Age Group, Type of Enterprise and Sex, 2019

Age Group	Civil Service		Other Government Agencies		Armed Forces		Public/ Government Companies		Private Limited Companies		Private Business		Agricultural Farming		NGO/INGO/CSO		A household(s) as a Domestic Workers		Total		Grand Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
15-19	0	0	29	40	0	0	79	0	139	85	653	620	1,345	1,443	0	31	0	58	2,245	2,277	4,523
20-24	376	422	509	538	374	66	588	403	1,351	1,121	4,202	3,493	3,567	5,206	58	114	32	31	11,057	11,393	22,451
25-29	2,189	2,225	1,672	1,124	762	146	1,696	946	2,559	1,593	6,932	5,887	5,919	8,577	273	118	35	58	22,037	20,673	42,710
30-34	2,743	2,006	1,630	1,436	1,168	117	2,226	1,298	1,939	936	7,185	6,543	6,132	10,438	180	344	25	25	23,229	23,144	46,374
35-39	2,789	1,432	1,802	794	1,962	95	1,973	520	1,415	436	6,004	5,614	7,169	11,263	245	156	0	25	23,360	20,335	43,695
40-44	2,153	1,104	1,378	453	1,606	14	1,287	263	843	153	5,023	3,748	6,886	9,888	142	46	25	0	19,340	15,669	35,009
45-49	1,169	491	1,312	243	1,404	28	1,082	256	546	144	3,972	2,602	6,585	10,210	81	35	0	0	16,151	14,009	30,160
50-54	1,289	303	952	225	495	0	962	101	433	113	3,450	1,901	6,646	10,066	101	31	25	0	14,352	12,740	27,093
55-59	568	43	374	25	140	0	485	42	296	56	2,138	1,221	7,370	8,816	25	31	25	0	11,420	10,234	21,654
60-64	90	0	199	53	49	0	29	0	145	0	2,402	701	7,427	6,971	56	0	25	21	10,423	7,747	18,169
65+	0	0	99	0	49	0	51	0	213	0	2,077	616	9,192	6,877	0	0	25	25	11,705	7,517	19,223
Total	13,366	8,027	9,955	4,930	8,010	466	10,459	3,828	9,878	4,638	44,037	32,946	68,237	89,754	1,160	908	216	242	165,320	145,740	311,059

Note: Figures may not add upto the totals because of rounding

Source: Labour Force Survey Report 2019, NSB.

Table 4.10: Total Employed Persons by Age Group and Level of Education, 2019

Age Group	Level of Education										Total
	None	Primary	Lower Secondary	Middle Secondary	Higher Secondary	Diploma other than TVET (Tertiary Education)	Bachelor Degree	Masters & Above	Religious Professionals	NFE	Don't Know
15-19	570	1,467	871	918	428	11	0	0	152	106	0
20-24	3,177	2,635	2,305	6,534	4,962	442	1,146	24	411	788	27
25-29	9,067	4,372	2,878	7,569	7,871	1,446	5,999	198	834	2,402	73
30-34	14,528	5,289	2,311	5,951	5,001	1,042	6,039	723	779	4,670	39
35-39	17,196	5,488	3,055	5,134	2,507	534	3,442	916	1,047	4,357	19
40-44	17,419	5,149	1,595	2,798	966	422	1,520	869	920	3,338	13
45-49	17,718	4,651	1,444	1,287	402	310	831	647	667	2,160	44
50-54	17,443	3,238	1,329	829	339	302	681	413	644	1,819	56
55-59	16,270	1,740	516	624	98	153	208	242	467	1,322	13
60-64	14,655	1,377	259	285	73	83	194	67	558	587	30
65+	16,151	1,250	139	243	54	18	116	58	770	362	62
Total	144,194	36,658	16,702	32,173	22,700	4,764	20,176	4,157	7,249	21,909	377

Note: Figures may not add upto the totals because of rounding

Source: Labour Force Survey Report 2019, NSB.

Table 4.11: Total Employed Persons by Dzongkhag and Level of Education, 2019

Dzongkhag	Level of Education										Total
	None	Primary	Lower Secondary	Middle Secondary	Higher Secondary	Diploma other than TVET (Tertiary Education)	Bachelor Degree	Masters & Above	Religious Professionals	NFE	Don't Know
Bumthang	3,083	664	346	994	743	124	432	71	367	240	0
Chukha	11,800	3,841	1,827	3,573	2,238	505	1,803	434	355	1,372	18
Dagana	6,451	1,925	567	1,053	559	191	322	66	166	1,135	0
Gasa	527	215	74	120	76	29	128	5	117	73	0
Haa	2,995	739	417	451	489	39	196	33	290	249	0
Lhuntse	4,227	437	345	434	378	85	303	34	252	506	27
Mongar	11,500	1,757	644	1,184	461	422	900	169	475	1,656	0
Paro	7,590	1,843	1,074	2,131	2,095	277	1,252	180	632	361	0
Pemagatshel	4,727	1,142	511	965	582	46	451	15	204	1,486	0
Punakha	4,784	1,707	658	1,474	670	228	722	64	877	566	0
Samdrup Jongkhar	8,415	1,791	901	1,401	848	297	820	93	504	2,108	12
Samtse	17,700	5,104	1,618	2,376	1,258	169	782	231	177	3,035	17
Sarpang	7,631	3,030	1,173	1,949	1,151	438	971	187	213	2,327	86
Thimphu	12,044	4,170	3,466	7,951	7,272	1,215	8,693	2,173	769	691	25
Tashigang	13,180	1,775	833	1,456	782	164	487	88	177	2,690	53
Tashiyangtse	4,430	645	184	501	434	24	305	25	195	966	26
Trongsa	3,766	726	299	667	518	114	355	104	292	523	0
Tsirang	6,070	2,014	576	913	504	96	466	35	83	740	0
Wangdue Phodrang	7,779	2,400	935	1,759	1,175	191	532	108	649	356	113
Zhemgang	5,496	732	255	822	467	110	256	42	456	828	0
Total	144,194	36,658	16,702	32,173	22,700	4,764	20,176	4,157	7,249	21,909	377

*Note: Figures may not add upto the totals because of rounding
Source: Labour Force Survey Report 2019, NSB.*

Table 4.12: Total Employed Persons by Major Economic Activity and Nature of Employment, 2019

Major Economic Activity	Nature of Employment							Total	
	Regular Paid Employee	Casual Paid Employee	Piece Paid Worker	Own-account Worker (Non-agriculture)	Own-account Worker (Agriculture)	Employer	Family Worker (Non-agriculture)		Family Worker (Agriculture)
Agriculture, Forestry and Fishing	490	372	52	483	67,319	0	28	90,264	159,007
Mining and Quarrying	1,276	42	14	0	0	60	0	0	1,393
Manufacturing	8,396	836	329	9,801	59	281	3,524	55	23,282
Electricity, Gas, Steam and Air Conditioning Supply	4,060	23	129	26	0	0	9	0	4,246
Water Supply; Sewerage, Waste Management and Remediation Activities	169	3	66	15	0	0	0	0	253
Construction	8,463	5,036	1,602	2,512	13	1,128	121	0	18,875
Wholesale & Retail Trade; Repair of Motor Vehicles and Motorcycles	4,770	333	6	13,820	69	458	3,776	0	23,233
Transportation and Storage	1,813	790	53	5,260	25	59	361	0	8,361
Accommodation and Food Service Activities	5,053	91	0	2,969	25	279	1,338	0	9,755
Information and Communication	2,281	243	0	166	0	19	19	0	2,727
Financial and Insurance Activities	2,903	0	14	82	0	30	0	0	3,029
Real Estate Activities	153	0	0	0	0	0	0	0	153
Professional, Scientific and Technical Activities	341	0	0	201	0	18	33	0	592
Administrative and Support Service Activities	2,002	1,233	0	713	0	139	109	0	4,195
Public Administration and Defence; Compulsory Social Security	23,642	97	0	0	0	0	0	0	23,739
Education	14,467	0	0	25	0	38	0	0	14,529
Human Health and Social Work Activities	5,144	0	0	0	0	25	0	0	5,169
Arts, Entertainment and Recreation	1,153	146	38	186	0	137	32	0	1,693
Other Service Activities	949	3,123	159	1,133	0	49	358	0	5,771
Activities of Households as Employers	569	46	11	0	0	0	71	0	698
Activities of Extraterritorial Organizations and Bodies	358	0	0	0	0	0	0	0	358
Total	88,452	12,415	2,473	37,393	67,510	2,719	9,778	90,319	311,059

Note: Figures may not add upto the totals because of rounding

Source: Labour Force Survey Report 2019, NSB.

Table 4.13: Total Employed persons by Major Economic Activity and hours worked per week, 2019

Major Economic Activity	Total Hours Worked Per Week								Total
	Missing	< 30	30-39	40-49	50-59	60-69	70-79	80 +	
Agriculture, Forestry and Fishing	132	12,062	13,244	42,233	36,025	23,052	16,829	15,456	159,032
Mining and Quarrying	-	-	55	474	416	258	125	64	1,393
Manufacturing	31	4,491	2,595	7,942	3,920	1,806	1,166	1,331	23,282
Electricity, Gas, Steam and Air Conditioning Supply	-	-	250	2,657	779	323	166	71	4,246
Water Supply; Sewerage, Waste Management and Remediation Activities	-	42	38	67	35	25	31	15	253
Construction	31	155	668	6,507	5,683	2,311	2,255	1,263	18,875
Wholesale & Retail Trade; Repair of Motor Vehicles and Motorcycles	15	989	832	5,263	3,846	2,787	3,995	5,505	23,233
Transportation and Storage	43	278	528	2,341	1,473	915	1,347	1,436	8,361
Accommodation and Food Service Activities	11	212	309	3,352	1,509	1,075	1,337	1,959	9,764
Information and Communication	-	-	128	1,824	442	195	80	60	2,727
Financial and Insurance Activities	11	114	241	2,072	450	61	65	16	3,029
Real Estate Activities	-	-	17	25	25	62	25	-	153
Professional, Scientific and Technical Activities	-	43	49	324	102	17	-	57	592
Administrative and Support Service Activities	19	68	324	2,278	667	267	319	252	4,195
Public Administration and Defence; Compulsory Social Security	25	723	2,588	13,400	3,071	1,726	1,140	1,066	23,739
Education	-	528	1,867	8,857	1,677	704	396	501	14,529
Human Health and Social Work Activities	-	61	1,369	2,536	553	163	168	319	5,169
Arts, Entertainment and Recreation	-	148	220	898	145	107	136	49	1,704
Other Service Activities	52	526	907	1,847	1,098	532	481	329	5,771
Activities of Households as Employers	-	32	85	140	127	110	98	60	653
Activities of Extraterritorial Organizations and Bodies	-	-	-	340	18	-	-	-	358
Total	371	20,474	26,313	105,377	62,061	36,495	30,160	29,809	311,059

Note: Figures may not add upto the totals because of rounding/Source: Labour Force Survey Report 2019, NSB.

Table 4.14: Total Employed persons by nature of employment and hours worked per week, 2019

Nature of Employment	Total Hours Worked Per Week								Total
	Missing	< 30	30-39	40-49	50-59	60-69	70-79	80 +	
Regular Paid Employee	51	1,925	7,839	47,649	15,081	6,591	5,002	4,314	88,452
Casual Paid Employee	70	675	1,151	3,960	3,147	1,555	1,257	600	12,415
Piece Paid Worker	16	60	125	558	635	265	413	401	2,473
Own-account Worker (Non-agriculture)	87	3,653	2,893	8,688	5,452	3,787	5,621	7,211	37,393
Own-account Worker (Agriculture)	57	3,656	3,861	15,074	13,587	9,816	8,700	12,759	67,510
Employer	-	98	199	798	563	323	270	468	2,719
Family Worker (Non-agriculture)	15	2,093	874	2,091	1,499	965	792	1,425	9,753
Family Worker (Agriculture)	75	8,314	9,371	26,559	22,097	13,193	8,105	2,630	90,344
Total	371	20,474	26313	105,377	62,061	36,495	30,160	29,809	311,059

Note: Figures may not add upto the totals because of rounding

Source: Labour Force Survey Report 2019, NSB.

Table 4.15: Total Employed Persons by Major Economic Activity and Level of Education, 2019

Major Economic Activity	Level of Education										Total
	None	Primary	Lower Secondary	Middle Secondary	Higher Secondary	Diploma other than TVET (Tertiary Education)	Bachelor Degree	Masters & Above	Religious Professionals	NFE	Don't Know
Agriculture, Forestry and Fishing	105,190	18,679	6,141	7,658	2,611	75	451	29	2,909	15,075	190
Mining and Quarrying	386	239	68	253	180	14	149	-	40	63	-
Manufacturing	9,439	2,602	1,511	3,717	1,875	197	583	157	348	2,837	18
Electricity, Gas, Steam and Air Conditioning Supply	586	492	337	1,263	556	340	459	95	24	95	-
Water Supply; Sewerage, Waste Management and Remediation Activities	95	83	-	25	-	-	35	-	-	14	-
Construction	7,979	2,951	1,430	2,308	1,206	388	1,112	110	385	979	25
Wholesale & Retail Trade; Repair of Motor Vehicles and Motorcycles	6,553	2,973	1,703	4,444	3,990	289	1,477	108	368	1,234	93
Transportation and Storage	2,833	1,665	842	1,192	749	51	398	25	323	258	27
Accommodation and Food Service Activities	1,709	902	722	2,704	2,321	83	953	107	106	148	-
Information and Communication	118	167	160	550	799	92	713	101	27	-	-
Financial and Insurance Activities	128	73	134	346	757	207	1,077	282	25	-	-
Real Estate Activities	87	0	25	-	-	-	42	-	-	-	-
Professional, Scientific and Technical Activities	37	0	-	90	113	32	129	177	15	-	-
Administrative and Support Service Activities	347	367	252	639	1,257	77	1,120	107	30	-	-
Public Administration and Defence; Compulsory Social Security	4,299	3,645	2,489	3,940	2,816	1,367	3,139	966	409	644	25
Education	903	505	265	1,386	2,134	378	6,994	1,446	151	369	-
Human Health and Social Work Activities	464	500	317	739	804	1,114	857	266	36	71	-

cont...

Table 4.15 cont...

Major Economic Activity	Level of Education											Total
	None	Primary	Lower Secondary	Middle Secondary	Higher Secondary	Diploma other than TVET (Tertiary Education)	Bachelor Degree	Masters & Above	Religious Professionals	NFE	Don't Know	
Arts, Entertainment and Recreation	358	148	90	601	226	18	174	25	49	4	-	1,693
Other Service Activities	2,266	520	171	264	270	17	105	84	1,955	119	-	5,771
Activities of Households as Employers	400	148	46	31	11	-	14	-	49	-	-	698
Activities of Extraterritorial Organizations and Bodies	18	0	-	25	25	25	193	74	-	-	-	358
Total	144,194	36,658	16,702	32,173	22,700	4,764	20,176	4,157	7,249	21,909	377	311,059

Note: Figures may not add upto the totals because of rounding

Source: Labour Force Survey Report 2019, NSB.

Table 4.16: Number of Employed Persons who looked for additional work by Dzongkhag, Area and Sex, 2019

Dzongkhag	Urban			Rural			Bhutan		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Bumthang	18	9	27	138	359	497	156	368	524
Chhukha	190	118	308	1,478	217	1,695	1,668	335	2,003
Dagana	129	43	172	1,337	294	1,631	1,466	337	1,803
Gasa	21	23	44	127	50	177	148	73	221
Haa	11	5	16	297	142	439	309	146	455
Lhuntse	18	18	36	432	417	849	450	435	885
Monggar	-	-	-	821	271	1,093	821	271	1,093
Paro	34	-	34	308	-	308	342	-	342
Pema Gatshel	16	14	31	727	200	926	743	214	957
Punakha	28	14	42	378	128	506	405	142	547
Samdrup Jongkhar	44	32	76	700	244	945	744	277	1,021
Samtse	71	37	108	2,822	998	3,819	2,893	1,034	3,927
Sarpang	155	-	155	1,310	318	1,629	1,465	318	1,783
Thimphu	369	98	467	70	-	70	439	98	537
Trashigang	15	15	30	794	351	1,144	809	365	1,174
Trashi Yangtse	13	12	25	320	189	509	333	201	534
Trongsa	93	46	139	301	154	455	394	201	594
Tsirang	65	24	89	1,127	194	1,321	1,192	218	1,409
Wangdue Phodrang	19	19	38	473	137	610	492	156	648
Zhemgang	21	32	53	1,404	445	1,849	1,425	476	1,902
Total	1,329	559	1,888	15,366	5,107	20,473	16,695	5,666	22,361

Note: Figures may not add upto the totals because of rounding

Source: Labour Force Survey Report 2019, NSB.

Table 4.17: Number of Unemployed Persons by Age Group, Sex and Area of Residence, 2019

Age	Rural			Urban			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
15-19	114	43	157	139	71	210	253	114	367
20-24	458	934	1,392	726	1,141	1,867	1,184	2,075	3,259
25-29	580	596	1,176	787	899	1,685	1,366	1,494	2,861
30-34	110	212	322	281	399	680	391	610	1,001
35-39	110	37	147	49	251	301	159	288	448
40-44	56	75	131	56	93	149	112	168	280
45-49	92	47	140	69	21	90	161	69	230
50-54	56	0	56	68	96	164	124	96	220
55-59	0	0	0	32	0	32	32	0	32
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0
Total	1,577	1,944	3,521	2,206	2,971	5,177	3,783	4,915	8,698

Note: Figures may not add upto the totals because of rounding

Source: Labour Force Survey Report 2019, NSB.

Table 4.18: Number of Unemployed by Dzongkhag and by Sex, 2019

Dzongkhag	Number			Unemployment Rate (%)		
	Male	Female	Total	Male	Female	Total
Bumthang	91	48	138	2.6	1.3	1.9
Chhukha	473	681	1,154	3	5.2	4.0
Dagana	111	91	202	1.7	1.5	1.6
Gasa	0	19	19	0	2.9	1.3
Haa	57	77	134	1.9	2.5	2.2
Lhuntse	0	48	48	0	1.3	0.7
Monggar	57	209	266	0.6	2.2	1.4
Paro	360	486	847	3.8	5.5	4.6
Pema Gatshel	188	225	414	3.2	4.9	3.9
Punakha	41	53	94	0.7	0.9	0.8
Samdrup Jongkhar	95	175	269	1.1	2	1.5
Samtse	281	179	460	1.6	1.2	1.4
Sarpang	461	587	1,047	4	7	5.2
Thimphu	1,144	1,398	2,543	3.8	6.6	5.0
Trashigang	15	44	59	0.1	0.4	0.3
Trashie Yangtse	40	12	51	1	0.3	0.7
Trongsa	124	154	278	3.2	4.1	3.6
Tsirang	94	154	248	1.5	2.7	2.1
Wangdue Phodrang	101	235	336	1.2	2.9	2.1
Zhemgang	51	41	92	1.1	0.8	1.0
Total	3,783	4,915	8,698	2.2	3.3	2.7

Note: Figures may not add upto the totals because of rounding

Source: Labour Force Survey Report 2019, NSB.

Table 4.19: Number of Unemployed Persons by Age Group and Reasons for Being Unemployed, Bhutan 2019

Age Group	Recently completed studies	Qualification mismatch	Voluntarily resigned from earlier job	Temporary job ended	Terminated from job	Illness/ Injury	Person with Disability	Lack of experience	Lack of skills	Lack of adequate qualification	Other (specify)	Total
15-19	13	121	0	26	0	6	0	68	11	70	53	367
20-24	1,401	250	92	89	0	18	0	488	93	519	310	3,259
25-29	414	330	266	131	0	73	30	752	118	349	400	2,861
30-34	3	54	165	83	19	105	0	107	0	310	155	1,001
35-39	0	44	63	30	0	40	0	0	26	153	91	448
40-44	0	0	56	0	0	35	0	49	0	75	66	280
45-49	0	14	102	15	0	11	0	0	0	11	78	230
50-54	0	0	100	0	0	19	0	0	0	86	15	220
55-59	0	0	0	15	0	0	0	0	0	0	18	32
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0	0	0
All Ages	1,830	812	844	389	19	305	30	1,463	248	1,572	1,185	8,698

Note: Figures may not add upto the totals because of rounding

Source: Labour Force Survey Report 2019, NSB.

Table 4.20 Number of Unemployed Persons by Age Group and Level of Education, Bhutan 2019

Age Group	None	Primary	Lower Secondary	Middle Secondary	Higher Secondary	Diploma/ Certificate other than TVET	Bachelor Degree	Master Degree and Above	Religious Professionals	Non-Formal Education	Don't Know	Total
15-19	25	26	121	92	104	0	0	0	0	0	0	367
20-24	9	52	121	493	997	178	1,399	0	11	0	0	3,259
25-29	24	38	47	482	920	129	1,113	49	0	60	0	2,861
30-34	185	66	78	153	114	0	307	25	11	63	0	1,001
35-39	113	29	35	124	55	0	63	10	0	0	19	448
40-44	106	49	85	0	22	0	0	0	0	19	0	280
45-49	103	19	0	0	14	0	25	25	0	44	0	230
50-54	126	0	26	0	0	0	19	0	30	19	0	220
55-59	15	0	0	18	0	0	0	0	0	0	0	32
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0	0	0
All Ages	705	278	513	1,361	2,226	306	2,925	108	52	205	19	8,698

Note: Figures may not add upto the totals because of rounding

Source: Labour Force Survey Report 2019, NSB.

Table 4.21 Number of Unemployed Persons by Age Group and Duration Spent to Look For Work, Bhutan 2019

Age Group	Less than One Month	One to Less than Six Months	Six Months to Less than One Year	One year to Less than Two Years	Two Years and Above	Total
15-19	44	45	63	153	62	367
20-24	508	968	674	661	448	3,259
25-29	357	676	410	719	700	2,861
30-34	173	176	71	175	408	1,001
35-39	157	69	60	38	123	448
40-44	0	35	59	68	120	280
45-49	15	74	58	25	58	230
50-54	53	111	0	26	31	220
55-59	18	15	0	0	0	32
60-64	0	0	0	0	0	0
65+	0	0	0	0	0	0
All Ages	1,324	2,168	1,394	1,864	1,948	8,698

Note: Figures may not add upto the totals because of rounding

Source: Labour Force Survey Report 2019, NSB.

The Ministry of Agriculture and Forests (MoAF), over the past four decades, was concerned about “how to grow” by establishing various agriculture infrastructures to produce and distribute the inputs. Currently the MoAF established four main Renewable Natural Resources (RNR) research centers.

The MoAF with the accumulated experiences having accomplished one five year plan to the other, maintains the three basic objectives that are to i) conserve the environment, ii) enhance the rural income and iii) attain self-reliance in cereals and essential oil crops. In 2018, Agriculture contributed 10.82 percent to the total economy i.e. as measured by the Gross Domestic Product.

Agricultural practices have changed tremendously over the years. Until a decade ago, agriculture was practiced on a subsistence basis. Whatever was produced on the farm was consumed having little or no marketable surplus. The farm production is supplemented by keeping different kinds of domestic animals such as cattle for draught and milking purpose, chicken for eggs and pigs for meat etc. At higher altitudes, herds of yaks and sheep are also kept for draught and milking.

However, today owing to the improved network of road accessibility and transportation in the country, increasing number of farms are shifting from subsistence based farming to modern agriculture. Strategies to increase livestock and cereal production include the propagation and practice of double cropping of the paddy production and distribution of high yield varieties. In the livestock sector the artificial insemination covers not only for the Jersey breeds that are high yielding but also for the production of Jatsa and Jatsam that are high yielding local breed. As a result, increasing number of farms are getting mechanized with sizable investment on the machinery and other inputs that are subsidized by the government.

In order to fulfill the aspiration of food security and self-sufficiency in the country, it is imperative to use the current RNR statistics that will provide realistic picture of country’s food situation. The availability of RNR statistics also serves as the basis for drawing sound and relevant agricultural policy decisions of the government. Presented in this chapter therefore include statistics on agricultural area, quantity and value of crops and livestock production, export and import of agricultural commodities etc. The major sources of data presented in this chapter are from the RNR Statistics Division, MoAF.

Table 5.1: Number of Agriculture Research and Extension Facilities, 2019

(Number)

Infrastructure	2019
Agriculture Centres	
RNR centres*	198
Agriculture Extension Centres	3
Agriculture Seed Production Farms	8
National Plant Protection Centre	1
Agriculture Machinery Centres	4
National Mushroom Centre	1
National Post Harvest Centre	5
Agriculture Research and Development Centres	3
Agriculture Research and Development Sub-Centres	5
Soil & Plant Analytical Laboratory	1
Research and Development Centre Organic Agriculture	1
Farm Machinery Cooperation Limited (FMCL) (SOE)	1
Livestock Centres	
RNR- Extension Centres (Gewog)	196
Livestock Extension Centres (LEC)	15
National Livestock Research and Development Centres	7
National Center for Animal Health	1
Dzongkhag Veterinary Hospitals	20
Regional Livestock Development Centres	4
National Veterinary Hospital	1
City Veterinary Hospital	1
Statellite Veterinary Hospitals	4
Government Livestock Farms (for breeding/production)	16
Vaccine Production Centre	1
Liquid Nitrogen	2
Semen Processing Centre	1
National Highland Program	1
Livestock Central Store	1
Forestry Centres	
Functional Divisions	7
Territorial Divisions	14
Range Offices	71

cont...

Table 5.1 cont...

Infrastructure	2019
Beat Office	98
Forest check Posts	36
Protected areas (Parks & sanctuaries)	10
Forest Management unit	21
Biological Corridors	8
Tiger Centre	1
Forestry Research Institute (UWICER)	1

Note: * it houses the Agriculture and Livestock Services from the same infrastructure

Source: Department of Agriculture/Department of Livestock/Department of Forest and Park Services, MoAF

Table 5.2: Distribution of Plant Chemicals by Type and Dzongkhag, 2017/18 - 2018/19

Dzongkhag	Insecticides (kg/Ltr)		Fungicides (Kg)		Herbicides (Kg/Ltr)		Non-Toxic (Kg/Ltr)		Rodenticides (Kg)	
	2017/18	2018/19	2017/18	2018/19	2017/18	2018/19	2017/18	2018/19	2017/18	2018/19
Bumthang	40.8	32.0	217.8	219.0	409.3	415.0	...	29.0	0.4	0.1
Chhukha	92.8	73.0	146.5	1.0	10,543.5	16,743.0	5.5	4.0	...	0.1
Dagana	23.0	73.0	1.3	...	5,014.3	5,288.0	10.0	51.0	0.1	15.3
Gasa	...	...	...	...	...	...	...	...	...	...
Haa	202.7	153.0	191.5	93.0	5,311.5	75.0	26.3	20.0	2.7	0.8
Lhuentse	30.0	27.0	3.5	1.0	14,025.0	23,133.0	...	...	2.0	0.5
Monggar	170.0	339.0	0.8	201.0	7,230.0	11,941.0	100.0	230.0	1.0	0.5
Paro	195.2	339.0	1,018.9	27.0	161,986.8	70,098.0	4,297.4	105.0	0.5	2.7
Pema Gatshel	1,972.6	1,599.0	...	880.0	...	163,131.0	...	3,935.0	...	0.7
Punakha	...	...	18.5	...	90,010.5	...	...	...	0.3	...
Samdrup Jongkhar	...	...	...	...	7,300.0	5,000.0	2.0	5.0	0.1	...
Samtse	...	...	...	...	...	1,000.0	...	...	...	...
Sarpang	147.5	77.0	66.2	30.0	10,235.0	9,103.0	21.0	72.0	...	1.8
Thimphu	58.5	43.0	580.0	1.0	36,098.0	10,871.0	3,402.8	20.0	0.6	12.4
Trashigang	50.0	...	21.6	3.0	27,010.0	17,165.0	...	...	0.1	0.1
Trashig Yangtse	30.5	1,321.0	112.5	44.0	46,000.0	20,036.0	...	...	1.0	11.8
Trongsa	41.5	40.0	40.0	104.0	16,182.0	62,100.0	...	...	...	0.1
Tsirang	1,849.3	1,510.0	32.4	704.0	11,171.5	30,435.0	...	1,206.0	1.2	2.0
Wangdue Phodrang	250.6	411.0	2,083.4	3,743.0	41,590.8	57,989.0	430.8	424.0	4.5	9.0
Zhemgang	...	2.0	0.3	1.0	...	...	0.1	1.0	...	...
TOTAL	5,155.0	6,039.0	4,534.9	6,052.0	490,118.0	504,523.0	8,295.8	6,102.0	14.4	57.8

Source: National Plant Protection Centre, Department of Agriculture, MoAF

Table 5.3: Dzongkhag wise area of land under different agricultural landuse, 2010 - 2019

Dzongkhag	LCMP 2010 (in Hectares)			LULC 2016 (in Hectares)			RNR Census 2019 (in acres)		
	Chuzhing	Kamzhing	Orchard	Chuzhing	Kamzhing	Orchards	Chuzhing	Kamzhing	Orchards
Bumthang	24.70	2,883.90	11.50	68.60	3,330.70	...	3.30	9,612.00	3.00
Chhukha	1,586.70	5,735.80	1,918.00	1,882.90	5,682.20	327.10	1,934.85	14,985.00	734.19
Dagana	1,493.70	4,588.30	1,455.30	2,028.40	4,798.90	569.20	3,745.84	11,641.00	627.39
Gasa	143.60	386.30	...	148.40	309.90	...	197.71	646.00	...
Haa	88.50	2,068.50	624.60	181.40	1,486.80	49.60	171.72	4,362.00	280.06
Lhuentse	1,575.60	4,328.50	1.00	1,733.50	2,032.70	2.30	1,781.44	4,688.00	31.00
Monggar	436.40	5,300.00	3.30	687.40	5,832.10	10.00	1,330.56	17,525.00	27.00
Paro	1,763.70	3,555.80	1,023.70	1,888.40	2,886.60	686.80	2,911.89	5,426.00	296.50
Pema Gatshel	82.60	4,837.10	335.10	18.30	2,787.20	859.90	348.24	16,409.00	1,086.68
Punakha	5,073.00	261.90	16.70	4,304.00	390.90	8.90	6,488.36	1,653.00	28.00
Samdrup Jonkhar	1,147.60	6,731.30	249.10	1,121.00	4,212.40	163.20	1,779.53	16,023.00	430.90
Samtse	5,680.50	8,149.70	3,533.40	4,312.30	10,079.80	410.50	6,666.93	20,726.00	2,193.26
Sarpang	1,942.70	3,351.60	923.60	3,062.30	3,906.40	1,061.10	4,512.94	10,398.00	2,156.85
Thimphu	458.20	913.80	902.10	484.90	466.40	741.70	421.18	1,692.00	102.30
Trashigang	1,439.50	4,982.30	...	1,658.60	8,149.20	4.10	2217.14	15,372.00	36.00
Trashig Yangtse	946.60	2,112.40	...	1,049.60	2,442.60	...	1,500.56	4,948.00	32.35
Trongsa	1,082.00	1,205.00	...	1,231.80	1,321.70	2.20	1,718.04	4,849.00	64.00
Tsirang	1,527.20	2,867.50	314.40	2,080.70	3,320.40	303.50	3,851.58	8,029.00	805.14
Wandue Phodrang	4,013.70	1,930.00	0.10	3,113.10	2,713.20	...	4,218.30	4,564.00	13.00
Zhemgang	639.60	3,251.00	211.30	789.20	2,300.20	359.30	1,595.48	11,985.00	144.20
TOTAL	31,146.10	69,440.60	11,523.40	31,844.90	68,450.50	5,559.60	47,395.59	185,533.00	9,091.82

Source: Land Cover Map Project (LCMP), Land Use and Land Cover (LULC) and RNR Statistics Division, MoAF

Table 5.4: Cultivated area, Production and Yield of major Crops, 2019

Dzongkhag	Paddy			Maize			Wheat			Barley		
	Harvested Area (Acres)	Production (Kg)	Yield (Kg/Acre)	Harvested Area (Acres)	Production (Kg)	Yield (Kg/Acre)	Harvested Area (Acres)	Production (Kg)	Yield (Kg/Acre)	Harvested Area (Acres)	Production (Kg)	Yield (Kg/Acre)
Bumthang	553.81	425.30	0.77	...	...	...	299.95	239.97	0.80	253.86	185.33	0.73
Chhukha	174.40	98.80	0.57	1,576.68	1,949.77	1.24	111.82	70.13	0.63	62.58	28.67	0.46
Dagana	85.20	28.50	0.33	3,607.47	3,530.70	0.98	35.33	12.63	0.36	49.87	15.87	0.32
Gasa	282.45	208.00	0.74	6.54	3.78	0.58	82.92	42.16	0.51	199.53	165.84	0.83
Haa	391.37	190.28	0.49	203.25	233.24	1.15	360.21	177.31	0.49	31.16	12.97	0.42
Lhuntse	8.42	3.37	0.40	1,195.86	2,195.28	1.84	7.46	2.99	0.40	0.96	0.38	0.40
Monggar	575.75	164.38	0.29	5,714.50	7,749.43	1.36	5.25	3.94	0.75	570.50	160.44	0.28
Paro	382.70	185.17	0.48	17.54	12.08	0.69	325.97	154.30	0.47	56.73	30.87	0.54
Pema Gatshel	21.00	7.50	0.36	2,662.57	4,407.51	1.66	9.51	3.64	0.38	11.49	3.86	0.34
Punakha	230.79	100.00	0.43	146.01	202.70	1.39	206.30	89.76	0.44	24.49	10.24	0.42
Samdrup Jongkhar	93.26	68.66	0.74	2,951.12	4,067.90	1.38	7.92	7.13	0.90	85.34	61.53	0.72
Santse	118.18	47.86	0.40	3,752.41	4,597.89	1.23	100.75	41.85	0.42	17.43	6.01	0.34
Sarpang	6.36	2.48	0.39	1,865.52	2,249.09	1.21	5.34	2.13	0.40	1.02	0.35	0.34
Thimphu	119.10	77.08	0.65	9.08	11.73	1.29	99.89	65.46	0.66	19.21	11.62	0.60
Trashigang	85.67	54.08	0.63	2,929.54	6,624.33	2.26	17.38	12.40	0.71	68.29	41.68	0.61
Trash Yangtse	12.67	8.92	0.70	1,141.76	2,146.40	1.88	7.89	4.73	0.60	4.78	4.19	0.88
Trongsa	559.91	340.82	0.61	393.73	679.35	1.73	246.08	132.94	0.54	313.83	207.88	0.66
Tsirang	20.52	11.43	0.56	2,353.60	2,957.34	1.26	17.05	10.49	0.62	3.47	0.94	0.27
Wangdue Phodrang	662.82	295.76	0.45	192.78	333.28	1.73	510.96	234.75	0.46	151.86	61.01	0.40
Zhemgang	53.78	26.43	0.49	1,764.71	2,283.53	1.29	23.48	9.83	0.42	30.30	16.60	0.55
TOTAL	4,438.16	2,344.82	0.53	32,484.67	46,235.35	1.42	2,481.46	1,318.54	0.53	1,956.70	1,026.28	0.52

cont...

Table 5.4 cont...

Dzongkhag	Buckwheat			Millet			Amaranthus			Quinoa		
	Harvested Area (Acres)	Production (Kg)	Yield (Kg/Acre)	Harvested Area (Acres)	Production (Kg)	Yield (Kg/Acre)	Harvested Area (Acres)	Production (Kg)	Yield (Kg/Acre)	Harvested Area (Acres)	Production (Kg)	Yield (Kg/Acre)
Bumthang	525.85	357.59	0.68	...	...	...	...	...	...	1.09	0.23	0.21
Chhukha	404.79	144.64	0.36	369.99	131.72	0.36	2.66	0.93	0.35	26.46	6.68	0.25
Dagana	481.41	170.99	0.36	281.72	103.76	0.37	0.42	0.06	0.14	0.13	0.05	0.38
Gasa	19.06	10.60	0.56	...	...	...	...	...	...	...	...	...
Haa	511.29	242.71	0.47	49.45	26.78	0.54	...	...	...	2.28	0.14	0.06
Lhuntse	5.06	2.19	0.43	66.18	51.37	0.78	...	...	...	28.55	5.37	0.19
Monggar	184.85	50.85	0.28	34.92	8.81	0.25	2.02	0.89	0.44	58.51	17.04	0.29
Paro	115.80	46.76	0.40	5.02	3.47	0.69	...	...	...	...	...	...
Pema Gatshel	152.44	54.44	0.36	148.34	61.85	0.42	2.18	0.65	0.30	1.28	0.96	0.75
Punakha	99.77	52.25	0.52	1.48	0.65	0.44	3.53	0.51	0.14	...	...	...
Sandrup Jongkhar	679.78	469.01	0.69	79.67	34.64	0.43	7.21	6.18	0.86	51.75	14.10	0.27
Samtse	351.44	143.12	0.41	721.32	276.05	0.38	1.12	0.35	0.31	46.68	13.18	0.28
Sarpang	127.71	41.42	0.32	358.57	150.45	0.42	0.04	0.01	0.25	19.16	4.36	0.23
Thimphu	5.27	4.13	0.78	...	...	...	...	...	...	1.64	0.48	0.29
Trashigang	260.46	93.28	0.36	42.08	11.29	0.27	11.49	1.74	0.15	31.18	9.77	0.31
Trashigangtse	29.03	14.38	0.50	211.92	250.63	1.18	1.00	0.10	0.10	2.01	0.29	0.14
Trongsa	450.12	186.64	0.41	19.81	6.57	0.33	1.64	0.34	0.21	1.43	0.37	0.26
Tsirang	127.56	33.01	0.26	205.41	87.32	0.43	0.17	0.02	0.12	10.53	2.57	0.24
Wangdue Phodrang	424.52	154.31	0.36	2.58	1.17	0.45	8.52	2.46	0.29	23.54	6.81	0.29
Zhemgang	160.21	78.10	0.49	87.58	33.93	0.39	21.98	4.22	0.19	1.94	0.23	0.12
TOTAL	5,116.43	2,350.43	0.46	2,686.03	1,240.45	0.46	63.98	18.46	0.29	308.16	82.62	0.27

Source: Annual Agriculture Survey 2019, RNR Statistics Division, Directorate Services, MoAF

Table 5.5: Population of Livestock Animal by Types, 2017 - 2019

Dzongkhag	Local Cattle					Improved Cattle				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Bumthang	5,011	4,276	4,407	10,875	12,004	5,975	6,094	6,904	5,071	5,737
Chhukha	16,893	14,570	13,226	20,670	20,841	4,405	5,170	5,794	6,254	6,557
Dagana	13,574	14,326	14,540	18,697	17,793	3,582	4,053	4,313	9,106	4,667
Gasa	482	487	437	1,109	1,270	495	638	726	625	768
Haa	6,464	5,570	5,517	9,539	8,404	3,266	3,549	3,515	3,743	3,651
Lhuentse	10,477	9,851	10,083	13,410	13,528	3,159	3,081	3,385	3,124	3,307
Monggar	18,213	17,547	17,698	26,611	26,954	8,192	8,231	9,084	9,461	10,358
Paro	6,281	7,151	7,326	13,315	13,443	5,993	5,960	6,793	6,036	6,312
Pema Gatshel	2,786	2,139	2,073	8,251	7,797	5,053	5,489	6,799	6,200	5,932
Punakha	9,028	7,967	7,776	11,473	11,485	3,129	3,482	3,269	3,612	4,001
Samdrup Jongkhar	10,721	8,476	8,170	14,551	15,203	6,148	6,299	5,637	7,389	7,927
Samtse	26,418	32,939	24,246	31,011	32,772	4,892	6,397	7,211	7,665	8,256
Sarpang	16,548	12,899	14,061	22,665	22,754	7,529	7,511	8,789	9,492	9,636
Thimphu	1,544	1,827	1,998	3,694	3,825	1,984	2,951	3,013	2,523	2,592
Trashigang	19,508	18,852	16,823	24,540	25,763	7,842	8,392	8,907	8,738	9,709
Trashig Yangtse	7,686	8,071	7,661	10,561	10,139	3,279	3,634	4,000	3,738	4,039
Trongsa	7,626	6,582	7,615	11,060	11,222	3,693	3,703	3,968	3,659	3,997
Tsirang	5,706	4,966	4,613	11,389	11,458	6,778	6,906	6,722	7,189	7,584
Wangdue Phodrang	17,126	16,339	17,171	23,704	23,943	5,039	5,574	6,135	5,508	5,662
Zhemgang	9,014	8,359	9,226	11,012	11,213	1,947	2,430	2,884	2,724	3,108
Livestock Government Farms	...	...	302	779	301,811	...	...	433	111,857	113,800
TOTAL	211,106	203,194	194,969	298,916	603,622	92,380	99,544	108,281	223,714	227,600

Table 5.5 cont...

Dzongkhag	Mithun					Yak					Buffalo				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Bumthang	9	4	7	5	6	3,621	3,660	3,917	3,771	3,972	...	...	...	...	...
Chhukha	91	21	29	30	29	...	...	...	...	...	4	2	10	2	2
Dagana	29	3	13	3	7	...	29	...	...	...	78	29	40	19	15
Gasa	...	...	...	...	...	6,314	6,553	6,527	6,481	6,389	...	...	...	...	...
Haa	...	...	...	2	2	4,458	4,771	5,095	4,915	5,218	...	...	...	...	...
Lhuentse	20	12	16	20	18	316	368	335	273	288	...	...	...	...	...
Monggar	38	19	23	25	23	...	...	...	...	...	...	...	...	...	...
Paro	28	6	5	6	4	3,360	3,186	3,332	3,713	3,799	...	...	...	...	...
Pema Gatshel	5	5	3	4	1	...	...	...	...	...	...	...	...	...	...
Punakha	4	3	4	3	4	...	...	...	...	...	...	...	...	...	...
Samdrup Jongkhar	128	40	50	21	26	5	13	3	...	2	15	10	12	9	4
Samtse	15	13	31	10	8	...	...	...	...	...	258	308	279	289	225
Sarpang	109	4	50	5	32	...	...	...	...	...	76	41	73	57	79
Thimphu	2	2	...	...	...	0,005	0,331	0,768	10,657	10,552	...	...	...	...	...
Trashigang	66	57	37	35	45	6,202	5,964	6,483	6,670	6,683	...	...	...	...	...
Trashigang Yangtse	10	9	14	11	11	555	831	727	706	706	...	...	...	...	...
Trongsa	4	4	4	5	4	85	284	226	305	303	...	...	...	...	...
Tsirang	2	1	1	1	1	...	...	...	...	...	155	142	136	155	150
Wangdue Phodrang	16	12	13	13	13	3,301	3,595	4,115	3,972	4,006	...	...	...	...	...
Zhemgang	166	173	12	19	8	...	...	...	...	...	...	...	...	...	...
Livestock Government Farms	...	189	190	200	211	...	...	...	...	...	...	...	...	...	...
TOTAL	42	577	502	418	453	8,222	49,585	41,528	41,463	41,918	586	32	550	531	475

Table 5.5 cont...

Dzongkhag	Zo/Zoms					Horses/Equine					Sheep				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Bumthang	91	47	80	38	16	1,278	909	924	944	1,203	694	258	127	248	269
Chhukha	...	61	...	...	...	569	461	419	396	286	620	633	594	739	836
Dagana	...	...	...	...	...	379	342	344	290	265	267	118	110	72	84
Gasa	...	...	12	...	...	2,268	2,186	2,156	2,259	2,324	3	-	...	...	...
Haa	...	...	-	...	...	1,081	1,182	1,077	939	944	1	1	...	...	...
Lhuentse	86	80	91	89	99	1,463	1,250	1,236	1,193	1,177	103	65	62	37	153
Monggar	...	...	...	...	...	1,465	1,382	1,094	820	726	8	4	3	26	22
Paro	...	...	...	...	...	1,408	1,653	1,757	1,465	1,635	10	13	10	15	10
Pema Gatsel	...	...	...	...	...	459	396	321	253	159	6	-	...	...	...
Punakha	...	...	...	...	...	461	411	389	398	383	19	118	146	257	17
Samdrup Jongkhar	15	10	12	14	14	1,155	699	593	451	397	57	37	28	27	68
Samtse	...	...	...	...	...	300	314	355	341	302	5,246	4,340	4,720	5,150	5,482
Sarpang	...	...	...	...	...	497	450	482	429	376	607	554	638	701	761
Thimphu	...	...	...	...	...	1,410	1,586	1,675	1,795	2,037	2	4	1	20	1
Trashigang	8,040	8,981	8,611	9,440	9,775	2,712	2,579	2,475	2,151	2,070	2,756	3,094	2,193	2,121	2,185
Trashigangtse	37	...	...	...	...	1,184	1,166	1,046	853	904	2	2	55	2	1
Trongsa	...	...	...	...	...	388	189	216	211	162	107	107	132	124	140
Tsirang	...	...	...	...	...	115	95	83	61	68	224	169	146	131	86
Wangdue Phodrang	...	...	...	...	...	596	579	572	559	504	676	1,349	948	847	1,064
Zhemgang	...	...	...	...	...	1,065	975	936	892	740	2	-	...	...	...
Livestock Government Farms	...	...	...	...	...	...	86	61	120	130	...	411	531	269	287
TOTAL	8,269	9,179	8,806	9,581	9,904	20,253	18,890	18,211	16,820	16,792	11,410	11,277	10,444	10,786	11,466

cont...

Table 5.5 cont...

Dzongkhag	Goat					Pigs					Poultry				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Bumthang	5	6	9	150	81	...	80	52	60	61	5,102	2,453	5,557	13,243	14,150
Chhukha	5,779	4,577	4,431	5,240	6,265	1,435	1,072	1,181	2,033	2,198	54,940	43,965	140,530	72,163	170,075
Dagana	7,182	7,776	8,355	8,407	8,376	1,781	2,015	2,528	1,938	2,278	28,133	36,257	32,358	45,310	55,077
Gasa	34	2	2	3	2	...	...	...	...	...	1,281	2,150	2,247	2,271	1,836
Haa	10	31	39	37	26	75	119	88	75	61	8,822	10,125	8,820	9,204	9,361
Lhuentse	59	89	27	55	48	138	183	185	177	91	14,170	13,413	19,987	24,343	26,693
Monggar	65	48	45	122	41	1,065	500	285	257	222	33,456	32,469	37,865	40,451	43,388
Paro	662	46	51	36	98	568	298	490	478	434	26,657	23,597	24,369	30,154	41,594
Pema Gatshel	78	26	34	32	38	540	501	523	445	311	14,955	18,847	23,718	21,864	26,492
Punakha	233	235	208	241	197	254	241	218	178	127	10,722	13,508	10,563	13,204	15,826
Samdrup Jongkhar	1,442	1,327	1,902	1,778	1,844	460	339	375	252	305	20,652	34,968	37,170	30,136	30,510
Samtse	13,237	12,641	13,387	14,198	16,809	1,977	1,454	1,724	1,939	2,197	58,229	67,585	101,773	119,516	150,237
Sarpang	4,327	4,115	4,813	4,395	710	2,879	3,771	3,710	4,277	4,074	165,041	331,320	345,573	305,576	336,769
Thimphu	47	56	81	30	20	370	71	174	182	222	36,689	63,058	35,618	49,910	49,684
Trashigang	257	241	286	244	260	529	372	285	288	189	21,658	21,745	20,049	21,895	24,459
Trash Yangtse	192	117	308	56	59	259	225	146	136	90	7,065	17,257	15,838	15,425	13,418
Trongsa	91	62	92	103	98	75	10	38	1	4	11,349	12,131	7,222	7,153	12,955
Tsiring	7,771	7,690	8,344	8,360	8,445	1,805	1,912	2,325	2,657	2,950	97,345	231,748	145,225	170,453	153,161
Wangdue Phodrang	450	243	88	220	147	726	529	860	1,175	1,857	13,253	17,219	26,050	33,641	46,733
Zhemgang	62	34	37	45	124	791	652	1,057	614	582	8,982	17,272	27,168	18,339	19,044
Livestock Government Farms	...	151	150	87	47	...	980	2,571	4,038	1,817	...	27,466	50,478	55,242	58,348
TOTAL	41,983	39,513	42,689	43,839	47,735	15,727	15,324	18,815	21,200	20,070	638,501	1,038,553	1,118,178	1,099,493	1,299,810

Source: Department of Livestock, MoAF.

Table 5.6: Diary & Livestock Production by Type and Dzongkhag, 2015 - 2019

Dzongkhag	Milk (MT)					Butter (MT)				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Bumthang	1,643.18	2,624.55	2,720.78	2,619.73	3,314.20	70.55	98.31	196.63	117.83	131.25
Chhukha	2,012.21	2,276.25	2,436.19	2,797.59	3,071.61	59.41	72.41	67.85	64.36	72.11
Dagana	1,855.20	2,340.51	2,717.39	3,106.45	2,749.23	74.15	86.23	111.38	124.13	115.36
Gasa	424.34	535.96	546.51	555.10	594.95	21.23	26.82	28.94	30.50	32.42
Haa	1,904.17	2,066.01	2,301.03	2,383.76	2,488.14	55.09	59.41	66.25	67.51	70.23
Lhuentse	1,587.66	1,447.23	1,536.11	1,583.51	1,752.62	75.94	71.72	75.80	76.38	81.22
Monggar	3,795.17	4,323.05	4,565.18	4,466.98	5,291.69	176.52	174.46	213.70	187.97	224.57
Paro	1,930.83	2,455.92	3,288.12	3,091.82	3,437.12	87.48	94.75	112.65	104.65	107.08
Pema Gatshel	1,590.48	1,686.19	1,725.78	1,832.80	1,896.27	63.98	72.26	79.34	78.17	78.71
Punakha	1,057.93	1,220.31	1,251.92	1,260.71	1,379.42	47.93	47.66	53.87	58.20	60.18
Samdrup Jongkhar	1,937.53	2,632.49	2,661.20	3,898.38	4,229.70	80.12	72.51	65.88	92.56	108.27
Samtse	3,556.94	3,559.96	3,750.76	4,294.16	4,783.49	113.75	102.53	126.54	115.21	131.37
Sarpang	2,265.18	2,292.72	2,670.67	2,565.88	2,833.94	107.94	66.94	88.19	82.62	93.62
Thimphu	1,427.33	1,786.80	1,784.25	1,884.58	1,887.45	42.25	59.39	58.45	54.81	62.71
Trashigang	4,738.93	6,710.10	6,098.21	5,544.84	6,323.35	197.86	222.87	273.53	240.20	275.29
Trashig Yangtse	1,774.88	1,805.40	2,005.15	2,007.04	2,055.64	86.73	88.10	99.04	98.06	102.61
Trongsa	1,386.63	1,192.37	1,421.86	1,520.31	1,627.49	61.61	54.53	65.42	70.44	73.98
Tsirang	1,609.51	2,394.93	2,059.37	2,515.00	2,657.34	53.56	869.46	76.74	78.51	86.03
Wangdue Phodrang	2,315.67	2,481.15	2,813.95	3,070.48	3,311.31	112.83	120.08	133.29	146.20	156.16
Zhemgang	1,030.40	1,254.67	1,659.15	1,497.24	1,631.82	40.42	32.86	59.47	59.90	62.42
Livestok Govt. Farms	...	...	236.93	320.21	230.02	...	...	...	...	0.52
TOTAL	39,844.13	47,086.55	50,250.50	52,816.54	57,546.77	1,629.35	2,493.29	2,052.95	1,948.21	2,126.11

cont...

Table 5.6 cont...

Dzongkhag	Cheese (MT)					Beef (MT)					Pork (MT)				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Bumthang	337.93	204.75	474.95	233.76	215.02	15.74	30.53	27.75	22.84	22.91	...	6.19	4.29	4.66	4.66
Chhukha	101.65	117.06	115.67	106.26	114.67	17.28	13.23	17.52	17.13	17.67	43.35	31.71	39.61	69.33	79.76
Dagana	97.16	80.79	111.36	126.07	125.68	66.79	53.46	32.87	37.94	46.11	47.64	60.37	79.65	92.29	82.15
Gasa	26.11	29.39	33.28	26.37	25.94	...	...	2.45	...	...	...	...	...	...	...
Haa	82.32	86.19	96.50	99.63	99.55	2.40	4.23	32.13	7.44	1.72	3.25	4.23	5.41	4.68	4.88
Lhuentse	133.66	128.19	134.60	136.11	146.23	38.66	10.87	59.27	52.87	32.38	11.49	10.87	11.31	10.63	9.81
Monggar	316.63	607.01	631.20	604.22	403.66	85.67	38.02	68.01	74.79	88.24	42.24	38.02	27.94	23.35	19.58
Paro	312.76	141.62	177.80	161.81	163.69	6.80	24.95	9.52	7.25	30.36	22.71	24.95	52.49	34.39	24.59
Pema Gatshel	117.48	129.97	142.61	139.51	141.35	10.77	21.99	7.20	10.15	10.75	18.92	21.99	26.88	28.25	30.44
Punakha	88.12	76.26	92.98	102.19	164.80	18.16	10.11	7.88	8.07	12.29	10.23	10.11	10.06	12.34	13.50
Samdrup Jongkhar	133.20	130.41	105.33	160.13	313.99	44.33	20.36	47.99	38.94	32.90	16.39	20.36	38.19	26.51	42.64
Samtse	297.13	371.05	331.98	519.47	390.04	150.03	60.15	41.49	19.03	8.38	41.41	60.15	80.43	77.99	80.91
Sarpang	198.17	120.54	141.50	123.82	156.35	5.67	249.94	6.86	0.15	9.91	93.69	249.94	283.70	262.78	268.03
Thimphu	50.36	144.74	213.15	195.30	281.39	3.81	3.24	96.80	9.44	7.79	0.12	3.24	4.32	21.77	13.11
Trashigang	393.79	429.16	525.90	440.26	517.43	41.70	16.01	34.67	16.22	19.56	11.31	16.01	14.29	17.13	13.13
Trashis Yangtse	153.30	157.90	178.19	176.35	184.89	23.28	3.69	51.29	33.26	80.59	3.99	3.69	8.31	8.64	11.32
Trongsa	277.95	297.81	311.42	121.86	126.60	51.76	2.74	67.79	26.04	33.36	0.56	2.74	2.42	3.00	0.96
Tsitrang	88.66	153.90	160.00	138.21	153.37	11.49	80.89	4.00	17.50	1.50	38.16	80.89	89.52	139.30	166.32
Wangdue Phodrang	203.36	208.28	230.39	251.96	270.25	30.42	40.25	19.53	11.68	22.13	38.68	40.25	64.26	80.85	199.69
Zhemgang	60.97	52.02	89.24	89.81	94.24	11.78	43.95	...	...	9.36	18.34	43.95	75.90	45.80	34.76
Livestok Govt. Farms	...	...	...	...	1.41	...	...	...	...	...	...	...	81.04	9.12	13.14
TOTAL	3,470.70	3,667.05	4,298.04	3,953.09	4,090.56	636.54	728.59	634.99	410.74	487.90	462.46	729.64	1,000.00	972.79	1,113.38

cont...

Table 5.6 cont...

Dzongkhag	Mutton (MT)					Chicken (MT)					Fish (MT)				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Bumthang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhukha	10.23	12.51	11.95	16.60	18.67	280.84	175.49	262.92	398.76	444.43	0.33	0.45	0.98	0.55	4.96
Dagana	22.91	29.66	36.11	40.91	41.61	94.36	96.15	97.19	119.11	120.27	37.97	13.43	21.71	22.73	26.71
Gasa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Haa	0.13	0.14	0.11	0.13	0.13	0.38	1.14	2.54	4.28	2.05	0.20	...	4.50	5.02	5.12
Lhuentse	...	0.04	...	...	...	...	...	...	...	...	...	...	0.20	0.40	0.30
Monggar	...	...	...	...	...	0.45	...	0.09	...	1.21	0.92	3.78	4.27	3.65	2.55
Paro	...	...	...	...	...	0.21	0.14	0.44	...	...	...	...	...	...	...
Pema Gatshel	...	...	...	...	...	1.46	0.08	0.15	...	...	0.86	1.05	1.70	1.82	1.88
Punakha	0.44	0.30	0.38	0.56	0.41	3.80	1.10	0.72	2.12	4.94	1.20	1.05	1.65	2.76	1.65
Samdrup Jongkhar	4.48	10.57	8.66	9.63	10.52	18.05	31.74	51.97	56.03	67.41	33.72	49.20	69.75	54.15	41.18
Samtse	79.47	57.85	50.05	88.76	95.33	192.24	260.89	318.93	365.01	456.68	12.28	11.83	31.36	17.49	18.77
Sarpang	27.53	45.04	51.79	48.13	52.80	193.22	319.00	345.15	304.77	312.52	49.36	48.10	49.61	69.16	73.84
Thimphu	...	...	...	0.15	0.27	25.36	16.67	16.30	19.67	21.36	...	...	...	...	...
Trashigang	0.01	...	...	...	...	0.04	...	...	...	...	...	...	...	0.05	0.21
Trashigangtse	...	...	...	...	...	...	0.03	0.03	...	...	...	...	...	...	...
Trongsa	1.60	0.01	0.70	0.18	0.20	8.10	3.50	4.73	3.13	14.58	0.13	...	...	...	...
Tsirang	18.41	34.59	34.80	52.81	59.32	202.53	286.54	184.26	337.85	351.99	3.16	9.95	6.11	14.62	16.03
Wangdue Phodrang	0.51	0.41	...	...	0.85	40.12	14.03	22.61	48.55	120.76	0.41	0.53	0.45	1.05	2.89
Zhemgang	0.22	0.12	...	...	0.89	1.71	2.68	40.73	27.80	8.20	8.57	11.14	7.65	7.49	10.61
Livestok Govt. Farms	...	...	...	...	...	...	...	...	...	...	...	...	22.60	...	2.58
TOTAL	165.93	191.22	194.54	257.85	280.99	1,062.86	1,209.16	1,348.76	1,687.09	1,926.39	149.11	150.50	222.52	200.90	209.28

cont...

Table 5.6 cont...

Dzongkhag	Eggs (000'nos)					Honey(MT)				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Bumthang	468.36	377.55	1,088.73	2,749.73	1,985.54	21.46	21.99	23.46	31.82	30.49
Chhukha	4,389.63	4,525.90	3,964.41	4,613.05	6,155.22	1.10	1.93	2.16	2.75	3.27
Dagana	1,388.91	1,898.88	2,200.11	2,290.33	3,593.50	2.26	2.21	3.55	3.70	3.97
Gasa	93.47	499.06	466.20	384.07	300.09	...	...	...	...	...
Haa	659.18	1,948.71	1,917.55	1,897.79	2,001.06	...	0.03	0.07	0.13	2.19
Lhuentse	1,646.03	2,164.91	4,214.17	4,269.95	4,407.16	...	...	...	...	0.02
Monggar	4,732.32	5,253.56	7,660.01	7,277.36	8,416.90	...	...	...	...	...
Paro	3,941.26	4,568.42	5,070.73	5,814.00	9,076.32	...	...	...	...	...
Pema Gatshel	1,956.11	2,563.22	3,271.32	3,364.14	3,570.93	...	...	...	...	0.01
Punakha	1,359.27	1,912.80	1,913.26	2,207.20	2,607.39	0.07	0.10	0.11	0.13	0.23
Samdrup Jongkhar	2,332.44	4,358.71	4,781.39	5,584.66	9,527.32	0.19	0.26	0.52	0.80	1.14
Samtse	2,675.53	3,122.20	4,355.26	4,258.42	5,631.52	3.28	3.19	4.33	5.33	6.55
Sarpang	15,884.27	25,634.83	26,559.52	28,654.49	28,971.20	2.56	9.58	10.28	10.88	10.81
Thimphu	7,204.03	11,943.22	8,931.39	9,561.52	10,368.42	...	...	...	0.14	0.22
Trashigang	2,766.68	3,081.69	3,673.36	4,127.86	4,676.02	...	...	...	...	0.01
Trashig Yangtse	1,225.78	4,059.42	3,662.11	3,667.26	3,206.04	...	...	...	...	...
Trongsa	927.37	1,501.42	1,590.11	1,118.26	1,086.30	...	...	...	0.01	0.03
Tsirang	11,792.39	18,546.85	19,007.85	20,393.50	22,768.60	2.21	2.57	3.15	4.90	5.82
Wangdue Phodrang	1,899.40	2,964.68	3,298.96	4,968.08	3,444.31	...	0.06	0.66	1.56	0.86
Zhemgang	1,353.02	3,223.41	5,458.32	3,615.87	3,884.29	...	...	...	...	0.28
Livestok Govt. Farms	...	...	3,622.38	4,362.57	5,703.04	...	...	...	...	...
TOTAL	68,695.44	104,149.44	116,707.12	125,180.10	141,381.17	33.13	41.92	48.27	62.15	65.90

Source: Department of Livestock, MoAF.

Table 5.7: Fruit Production and Yield, 2015 - 2019

Fruits	Production (MT)					Yield (KG/Bearing Trees)				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Apple	5,308	6,587	8,039	3,684,415	4,321	...	33	31	18	197,196
Apricot	...	...	...	16,264	15	...	...	...	...	704
Areca nut	9,406	9,467	9,342	11,680,649	16,107	...	13	10	10	1,510,628
Avacado	...	...	...	58,095	61	...	...	...	24	3,103
Banana	2,636	3,076	3,113	2,762,212	3,754	...	29	19	15	236,623
Coffee	...	...	...	5,833	8	...	...	...	2	34,425
Date Plum (Gendum)	...	82	23	13,830	19	...	41	20	16	1,400
Dragon Fruit	...	...	...	105	0	...	...	...	3	59
Guava	588	665	1,084	895,084	1,369	...	25	30	23	49,738
Hazelnut	...	...	...	2,396	3	...	...	...	0	42,420
Jackfruit	1,227	775	528	565,526	469	...	143	171	168	3,286
Kiwi	...	...	...	2,850	20	...	...	...	3	1,954
Lemons & Lime	...	...	...	90,743	126	...	...	...	14	7,015
Litchi	160	134	313	302,615	385	...	24	30	25	13,515
Mandarin	15,977	42,700	28,017	26,527,487	27,529	...	48	32	31	960,851
Mango	651	644	530	848,348	666	...	27	31	29	25,641
Papaya	214	282	278	161,098	216	...	47	35	21	9,357
Passion fruit	66	120	94	...	...	...	...	...	...	...
Peach	738	972	1,124	1,135,204	1,246	...	54	43	37	34,315
Pear	867	852	1,510	1,372,237	1,584	...	58	62	57	28,763
Persimmon	137	49	152	207,123	235	...	31	35	52	4,665
Pine apple	64	67	72	...	149	...	...	...	...	129,043

cont...

Table S.7 cont...

Fruits	Production (MT)					Yield (KG/Bearing Trees)				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Plum	385	376	482	531,684	585	...	42	50	49	11,449
Pomegranate	63	83	74	58,988	79	...	19	16	12	5,523
Sugarcane	508	345	...	...	396	...	...	...	...	...
Tea	...	...	...	1,963	...	...	...	...	0	...
Tree Tomato	...	...	...	239,109	359	...	...	...	9	39,986
Walnut	211	152	239	223,065	256	...	21	22	22	9,469
Watermelon	...	...	...	...	66	...	...	...	...	...

Source: RNR Statistics Division, Directorate Services, MoAF

Table 5.8: Vegetables, Oilseeds, Spices and Pulses Production, 2015 - 2019

(Metric Tones)

Details	2015*	2016*	2017*	2018**	2019*
Total Vegetables	47,842	52,372	66,809	38,049	47,483
Asparagus	200	239	79	160	79
Beans	3,612	4,409	5,273	2,274	2,923
Bunching onion	...	...	...	...	179
Broccoli	831	1,004	1,371	846	864
Cabbage	5,209	6,685	10,562	4,036	6,069
Cauliflower	1,586	2,082	3,575	1,191	1,446
Carrot	1,094	1,276	787	782	1,374
Chilli	7,073	9,907	13,606	7,133	7,673
Corriander	...	...	...	...	120
Cucumber	1,697	1,194	1,948	1,541	2,691
Cultivated Mushroom	19	82	122	34	44
Dally Chili	100	112	...	...	169
Egg-plant	694	585	643	245	300
Green leaves	2,871	1,937	4,153	2,049	2,040
Lady Finger	53	42	26	9	23
Onion bulb	608	414	489	305	155
Peas	1,218	1,014	859	567	685
Pumpkin/squash/gourds	3,746	3,671	3,171	3,870	6,043
Radish	5,840	6,490	6,307	3,649	4,721
Tomato	627	455	383	261	233
Tree tomato	341	275	404	...	359
Turnip	10,423	10,499	13,051	9,097	9,293
Total Oil Seeds	1,292	1,309	1,530	550	804
Groundnut	126	149	246	197	230
Mustard	925	887	969	244	394
Pyrilla	18	12	108	...	...
Sesame	...	...	...	...	1
Soya bean	220	254	204	107	171
Sunflower	3	7	3	2	8
Total Spices	10,424	14,783	10,812	6,352	8,475
Ginger	7,434	10,871	7,859	4,260	6,209
Cardamom	2,091	2,736	2,245	1,542	1,413

cont...

Table 5.8 cont...

(Metric Tones)

Details	2015*	2016*	2017*	2018**	2019*
Tumeric	...	...	...	...	92
Garlic	899	1,176	708	550	761
Total Pulses	1,395	1,476	1,230	138	1,678
Beans dry	...	...	...	...	407
Chick pea	...	...	...	...	22
Cow pea	...	...	...	...	64
Lentil	82	...	...	138	55
Mung bean	466	482	298	...	464
Rajma bean	847	994	932	...	666

Note: * Annual Agriculture Statistics & ** RNR Census 2019. Production figure on Pumpkin/ Squash/gourds are clubbed together for 2018.

Source: RNR Statistics Division, Directorate Services, MoAF

Table 5.9: Export of RNR Products to India, 2015 - 2019

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Cereals										
Rice in the husk	12.00	0.01	4.28	0.05	...	...	2.40	0.04	0.80	0.02
Red Rice	...	...	0.74	0.07	...	...	...	...	...	...
Semi-milled rice	...	...	...	...	...	...	...	...	20.56	0.70
Wheat & Meslin flour	4,320.42	80.49	...	...	510.72	10.25	858.48	19.51	1,519.06	35.86
Oil seeds										
Soya bean	4.80	0.22	1.75	0.10	40.84	1.23	7.40	0.31	9.00	0.28
Mustard	10.10	0.23	2.00	0.04	3.07	0.10	3.00	0.09	3.20	0.09
Fruits										
Oranges	1,078.20	21.07	874.55	13.48	401.16	7.62	347.93	5.12	376.17	8.58
Apples	2,057.16	40.43	2,613.79	88.39	2,046.43	47.25	1,077.04	25.55	2,517.29	64.17
Vegetables										
Cauliflower & broccoli	1,012.82	22.10	1,381.93	12.12	34.05	0.76	2.15	0.16	8.37	0.25
Cabbage lettuce	1,193.73	23.98	1,545.29	26.11	2,096.07	34.54	1,247.36	22.74	2,608.39	41.81
Potato	19,888.68	370.90	24,443.18	542.11	24,045.32	458.70	24,889.13	492.85	26,050.65	520.58
Carrots and turnips	551.17	17.47	696.10	22.94	695.99	18.85	386.44	11.24	957.19	28.34
Peas	114.93	3.08	69.43	2.31	93.75	2.64	46.69	1.80	55.21	1.69
Beans	6.70	0.23	20.40	0.67	15.04	0.41	17.37	0.53	40.34	1.36
Asparagus	0.03	0.01	...	...	...	...	...	...	...	...
Chillies	15.85	0.70	17.05	0.63	18.39	0.55	20.52	0.66	10.96	2.78
Lentils	118.28	8.12	81.94	6.15	94.79	6.29	112.11	6.81	133.50	7.65

cont...

Table 5.9 cont...

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Betel nuts										
Betel nuts, in shell	1,457.75	84.80	7,719.92	82.88	5,714.40	105.89	6,510.54	120.86	5,194.28	115.42
Betel nuts, shelled	63.92	1.13	30.95	0.54	77.46	1.48	45.39	1.35	9.90	0.26
Betel leaves	...	...	...	...	...	...	3.35	0.19	3.75	0.11
Spices										
Cardamom	314.24	375.45	713.01	633.85	1,273.10	777.60	635.01	316.41	1,322.15	621.64
NWFP										
Chirata	1.63	0.09	...	...	...	...	0.03	0.00	2.26	0.06
Cordyceps (kg)	...	...	2.00	0.71	0.23	3.89	0.40	0.23	2.20	1.43
Poe	7.59	0.75	16.10	3.06	5.94	2.00	108.78	4.10	27.26	1.95
Matsutake	0.07	0.22	0.13	0.14	0.09	0.17	0.14	0.15	0.08	0.08
Rubia (Tsoe)	48.18	0.97	76.57	1.55	135.91	3.37	88.98	1.78	96.01	2.42

Note: NWFP refers to Non Wood Forest Products

Table 5.10: Export of RNR Products to Other Countries, 2015 - 2019

(Volume in MT, unless specified and Value in Million Nu.)

Category	Commodity	Importing Country	2015		2016		2017		2018		2019	
			Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Cereals	Red Rice	Austria	0.500	0.080	...	...	...	...	...	...	...	...
		Thailand	...	...	...	...	0.250	0.010	...	...	...	...
		Singapore	...	...	...	...	3.150	0.420	...	...	5.180	0.750
	Buckwheat	Japan	2.100	0.070	5.900	0.200	...	...	...	...	20.630	0.760
	Wheat & Meslin	Bangladesh	3.380	0.070	...	...	...	...	...	...	...	...
Nepal		...	...	17.000	0.390	...	...	...	...	3.600	0.070	
Fruits	Oranges	Bangladesh	16,741.600	446.550	14,671.100	425.600	15,740.000	470.750	10,738.920	349.720	14,734.410	521.460
Vegetables	Apples	Bangladesh	1,430.680	61.430	1,176.100	39.720	612.780	21.930	216.000	8.280	404.810	17.640
	Asparagus (Kg)	Bangladesh	276.000	0.010	...	...	...	...	...	...	...	...
	Asparagus (Kg)	Thailand	...	...	...	...	45.000	0.020	2.000	0.040	...	...
	Potatoes	Bangladesh	19.000	0.070	...	...	...	...	94.270	18.210	20.100	0.400
	Cardamom	Bangladesh	531.500	565.410	576.000	708.530	758.000	552.610	1,063.020	613.000	1,128.930	605.980
Spices	Cardamom	Thailand	...	...	...	...	0.210	0.010	...	...	...	...
	Masutake (kg)	Bangladesh	5.000	0.020	...	...	5.000	0.020	...	...	...	...
NWFP	Masutake (kg)	China	...	...	11.000	0.002	11.000	0.010	...	...	...	...
	Masutake (kg)	Hongkong	10.000	0.350	50.000	0.010	50.000	0.140	25.000	0.130	10.000	0.070
	Masutake (kg)	Japan	3,832.000	11.240	3,780.000	17.940	3,780.000	17.840	5,049.000	26.590	5,027.000	26.870
	Masutake (kg)	Malaysia	...	...	...	...	5.000	0.030	5.000	0.030	5.000	0.030
	Masutake (kg)	Philippines	...	...	...	...	...	...	...	...	1.000	0.002
	Masutake (kg)	Singapore	119.000	0.420	62.000	0.570	62.000	0.340	90.000	0.580	118.000	0.740
	Masutake (kg)	S.korea	2.000	0.020	...	...	...	...	...	...	1.000	0.002
	Masutake (kg)	Taiwan	...	...	...	...	...	...	...	...	...	...
	Masutake (kg)	Thailand	16.000	0.040	...	...	8.000	0.040	10.000	0.060	1.000	0.001
	Masutake (kg)	USA	...	...	...	...	...	...	...	...	21.000	0.080
	Masutake (kg)	Viet Nam	4.000	0.020	...	...	...	...	2.000	0.004	...	...

cont...

Table 5.10 cont...

Category	Commodity	Importing Country	2015		2016		2017		2018		2019	
			Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
NWFP	Cordyceps (kg)	Australia	0.080	0.030	...	...	0.470	0.490	0.470	0.320	...	...
	Cordyceps (kg)	Belgium	...	...	...	...	...	...	0.350	0.310	...	...
	Cordyceps (kg)	Brazil	...	...	...	...	2.000	0.100	...	...	...	...
	Cordyceps (kg)	China	2.350	0.990	8.000	7.500	1.200	0.120	0.400	0.450	4.930	3.540
	Cordyceps (kg)	Canada	...	...	1.000	0.910	0.580	0.050	...	...	...	...
	Cordyceps (kg)	Cambodia	...	...	...	...	...	...	...	...	2.680	2.570
	Cordyceps (kg)	Germany	0.060	0.020	1.000	0.030	...	...	2.690	0.510	...	...
	Cordyceps (kg)	France	0.020	0.050	1.000	0.110	0.170	0.050	0.140	0.040	0.520	0.460
	Cordyceps (kg)	Japan	0.170	0.230	1.000	0.250	...	...	...	...	31.750	16.920
	Cordyceps (kg)	Hongkong	205.900	107.150	123.000	60.210	172.300	83.530	233.800	103.850	58.670	35.430
	Cordyceps (kg)	Indonesia	...	...	1.700	0.460	0.010	0.020	0.050	0.020	0.030	0.010
	Cordyceps (kg)	Macau	...	...	1.000	0.310	...	...	...	...	...	...
	Cordyceps (kg)	Monaco	...	...	...	...	...	...	...	...	1.000	0.080
	Cordyceps (kg)	Mexico	...	...	0.700	0.660	...	...	...	...	...	...
	Cordyceps (kg)	Malaysia	33.590	10.540	22.000	8.340	26.600	7.680	31.800	9.120	22.980	9.810
	Cordyceps (kg)	Nepal	...	...	0.200	-	...	...	...	...	0.600	0.230
	Cordyceps (kg)	Philippines	...	...	0.700	0.690	...	...	0.080	0.010	166.000	0.130
	Cordyceps (kg)	Russia	...	...	0.400	0.010	0.680	0.010	0.050	0.010	...	...
	Cordyceps (kg)	Switzerland	3.300	1.830	...	...	...	...	...	...	0.030	0.060
	Cordyceps (kg)	Singapore	67.250	45.770	16.000	5.960	24.860	7.690	1.150	0.220	...	...
	Cordyceps (kg)	Sri Lanka	...	...	...	...	...	...	...	...	0.030	0.020
	Cordyceps (kg)	S. Korea	0.100	0.020	1.000	0.290	...	...	2.220	0.740	...	...
	Cordyceps (kg)	Taiwan	1.200	0.130	2.000	0.750	4.010	1.070	1.530	0.640	2.300	0.650
	Cordyceps (kg)	Thailand	55.940	22.900	95.000	39.860	103.690	32.960	94.240	51.000	56.040	26.740
	Cordyceps (kg)	Turkey	...	...	0.300	0.050	...	...	...	...	...	...
	Cordyceps (kg)	USA	0.990	0.700	2.000	1.330	1.270	0.570	...	...	13.080	1.980

cont...

Table 5.10 cont...

Category	Commodity	Importing Country	2015		2016		2017		2018		2019	
			Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
NWFP	Cordyceps (kg)	UK	...	...	0.700	0.070	...	...	...	...	...	...
	Cordyceps (kg)	UAE	0.250	0.110	0.100	0.001	0.120	0.070	1.020	0.860	0.240	0.260
	Cordyceps (kg)	Viet Nam	17.060	3.930	620.000	13.390	70.230	50.020	105.640	43.100	121.460	73.580
	Poe (Kg)	Australia	...	...	...	...	...	...	58.000	0.040	29.000	0.030
	Poe (Kg)	Brazil	...	...	19.000	0.100	...	...	18.000	0.003	...	...
	Poe (Kg)	Canada	3.000	0.002	...	...	...	...	3.000	0.001	54.000	0.060
	Poe (Kg)	China	833.000	0.490	376.000	0.400	1,224.000	0.480	777.000	0.410	1.690	0.730
	Poe (Kg)	France	132.000	0.350	35.000	0.020	50.000	0.180	7.000	0.030	100.000	0.340
	Poe (Kg)	Germany	17.000	0.004	1.000	0.002	1.000	0.060	43.000	0.090	1.000	0.001
	Poe (Kg)	Hongkong	247.000	0.170	53.000	0.400	...	...	...	...	40.000	0.080
	Poe (Kg)	Indonesia	...	...	80.000	0.040	...	...	38.000	0.040	15.000	0.020
	Poe (Kg)	Italy	...	...	...	...	...	...	...	...	66.000	0.030
	Poe (Kg)	Japan	122.000	0.280	54.000	0.080	104.000	0.180	11.000	0.020	89.000	0.330
	Poe (Kg)	Malaysia	300.000	0.150	...	...	662.000	0.220	39.000	0.020	16.000	0.070
	Poe (Kg)	Nepal	336.000	0.080	579.000	0.120	337.000	0.140	...	...	605.000	0.330
	Poe (Kg)	Poland	...	...	35.000	0.040	...	...	1.000	0.001	...	...
	Poe (Kg)	Singapore	342.000	0.160	169.000	0.200	45.000	0.090	20.000	0.050	340.000	0.970
	Poe (Kg)	S. Korea	...	...	2.000	0.002	230.000	0.190	...	...	...	...
	Poe (Kg)	Spain	...	...	32.000	0.210	18.000	0.010	...	...	...	...
	Poe (Kg)	Taiwan	3,749.000	1.500	3,458.000	1.340	2,279.000	1.140	1,844.000	0.880	1,522.000	1.250
	Poe (Kg)	Thailand	...	...	...	...	70.000	0.030	24.000	0.010	10.000	0.020
	Poe (Kg)	UK	26.000	0.040	66.000	0.050	47.000	1.960	63.000	0.270	66.000	0.250
	Poe (Kg)	USA	...	...	82.000	0.100	122.000	0.090	43.000	0.100	200.000	0.460
	Poe (Kg)	Viet Nam	...	...	...	...	38.000	0.010	8.000	0.003	...	...

Note: NWFP refers to Non Wood Forest Products

Source: Bhutan Trade Statistics, Department of Revenue and Custom, Ministry of Finance

Table 5.11: Import of Major Food Items from India, 2015 - 2019

(Volume in MT and Value in Million Nu.)

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Total Meat	7,982.81	1,089.24	6,977.95	986.60	6,691.83	939.60	6,635.62	971.75	7,239.53	1,134.37
Bovine meat	4,108.66	564.10	3,467.16	490.48	3,117.49	441.70	3,190.43	479.85	3,783.12	616.49
Swine meat	2,240.09	326.57	1,877.57	290.42	1,867.67	275.18	1,753.01	272.84	1,681.88	284.11
Chevon	25.82	7.70	28.83	8.21	32.79	8.79	29.21	10.40	27.90	9.64
Chicken	1,368.99	173.38	1,474.28	184.98	1,583.97	204.61	1,574.30	199.29	1,631.55	210.64
Offal of bovine/swine/ chevon/chicken	239.25	17.49	130.11	12.51	89.91	9.32	88.67	9.37	115.08	13.49
Total Fish	2,473.46	311.51	2,075.57	279.31	1,495.30	201.14	1,152.69	168.40	1,079.91	161.01
Fish fresh or frozen	1,324.04	176.28	1,265.43	168.97	1,311.33	176.23	823.55	114.43	707.19	100.99
Fish fillets, fresh, chilled	21.77	2.91	0.67	0.31	0.57	0.11	1.19	0.28	0.75	0.29
Dry fish	1,127.65	132.32	809.47	110.03	183.40	24.80	327.95	53.69	371.97	59.73
Total Seafood	7.28	2.51	3.35	1.77	17.22	1.34	0.47	0.36	3.56	2.04
Crustaceans	7.28	2.51	3.35	1.77	17.18	1.32	0.47	0.36	3.56	2.04
Molluscs	...	...	...	...	0.04	0.02	...	...	...	...
Total Dairy products	4,039.24	1,010.34	5,375.89	1,176.94	4,397.01	1,048.75	3,597.12	718.60	4,944.22	807.90
Fresh milk	140.88	5.49	130.77	5.07	125.63	4.11	62.35	3.04	16.33	1.06
Tetra pack	624.93	30.89	1,796.50	100.91	1,523.31	85.29	1,226.78	69.52	3,042.19	157.18
Condensed milk	317.20	15.26	30.05	1.53	16.23	0.83	7.40	0.56	1.36	0.13
Milk powder	1,692.36	532.68	1,899.32	547.75	1,180.02	371.64	397.48	93.70	523.48	131.64
Yogurt	0.09	0.05	0.03	0.02	2.59	0.16	16.19	1.00	7.38	0.59
Butter, fresh	1.19	0.40	0.96	0.37	0.79	0.28	0.25	0.10	2.10	0.79
Butter, processed	213.75	61.49	200.51	62.95	206.50	67.88	661.57	61.91	170.06	58.18
Cheese, fresh	8.80	1.58	9.17	1.82	4.87	1.03	1.60	0.28	0.45	0.16

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Table 5.11 cont...

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Cheese, processed	1,005.64	355.49	1,265.81	448.20	1,298.23	509.54	1,158.82	477.25	1,138.64	448.51
Natural honey	34.40	7.01	42.77	8.32	38.84	7.99	64.68	11.24	42.23	9.66
Total Fresh vegetable	21,722.30	417.75	20,998.62	405.55	19,405.87	345.78	17,064.47	320.16	16,093.68	308.75
Potatoes seed	15.61	0.15	0.89	0.01	44.23	0.43	7.38	0.57	17.44	0.21
Potatoes others	5,994.07	60.32	5,468.20	81.44	5,237.70	50.69	4,690.27	62.76	4,892.58	59.56
Tomatoes	2,538.71	58.32	2,831.98	56.23	2,978.46	70.14	2,636.85	46.73	2,590.77	62.27
Onion & shallots	3,380.64	99.09	3,478.04	60.93	3,748.34	83.78	3,558.75	74.20	3,308.13	83.14
Garlic	36.92	3.73	37.24	3.92	61.34	4.29	49.06	2.57	47.88	3.32
Leeks & others	13.75	0.27	6.37	0.40	3.42	0.06	4.40	0.09	3.19	0.08
Cauliflower & broccoli	1,219.23	17.02	767.46	10.19	13.54	0.23	19.26	0.32	36.58	0.68
Cabbage lettuce	1,517.93	11.84	1,381.93	13.60	1,662.90	15.07	1,328.81	10.78	1,367.92	13.10
Carrots and turnips	166.33	1.97	171.52	2.76	266.41	3.84	255.89	3.07	313.42	4.69
Cucumber & gherkins	391.46	5.95	435.47	8.21	492.05	8.26	385.70	6.47	409.97	8.36
Peas	77.81	2.33	107.19	3.51	139.34	4.88	86.64	25.81	120.42	4.07
Beans	331.07	9.39	335.81	9.51	0.68	0.01	1.30	0.02	...	...
Other leguminous	2,007.65	43.75	1,729.25	43.53	1,595.24	37.46	1,091.15	24.56	1,341.45	30.92
Egg-plants)	571.00	9.63	572.00	10.21	713.19	11.75	491.43	8.89	586.88	11.93
Mushroom	10.72	0.05	25.47	1.73	126.25	8.38	178.51	12.65	79.69	6.11
Capsicum	0.58	0.10	2.16	0.12	...	...	0.04	0.00	0.11	0.01
Chilli	2,290.76	70.87	1,846.06	59.00	333.90	9.28	28.94	0.64	7.57	0.19
Spinach	1.39	0.02	7.27	0.14	4.76	0.11	1.68	0.04	2.52	0.04
Pumpkin/squash/gourd	124.03	1.37	111.72	1.43	147.04	1.62	213.20	3.17	217.26	3.52
Others	1,032.64	21.58	1,682.59	38.68	1,837.08	35.50	2,035.21	36.82	749.90	16.55

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Table S.11 cont...

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
TotalDried vegetable	2,796.32	180.93	2,603.22	170.26	2,411.89	253.72	2,370.93	122.45	2,397.55	140.52
Onion	31.44	0.92	24.18	0.39	28.44	0.72	29.23	0.52	46.07	1.17
Dry mushroom	0.80	0.11	0.15	0.01	0.14	0.02	0.01	0.00	0.07	0.02
Mixture of vegetable	0.51	0.04	0.09	0.01	1.01	118.47	0.78	0.08	1.29	0.15
Pea	44.58	1.85	292.41	10.85	120.23	6.72	29.76	1.50	38.71	1.86
Chickpea	71.24	2.45	180.52	12.59	120.01	8.12	194.12	6.70	170.06	9.38
Beans	...	...	2.66	0.17	...	...	0.03	0.00	0.09	0.01
Cow pea	...	...	0.02	0.02	0.81	0.02	0.19	0.00	...	...
Lentils	2,647.75	175.56	2,103.19	146.22	2,141.25	119.65	2,116.81	113.65	2,141.26	127.93
Total Fresh fruits	3,353.39	90.44	3,638.37	110.81	3,587.07	120.29	2,962.04	102.28	3,000.82	97.16
Plantains	187.93	3.36	32.29	0.77	123.78	2.56	70.58	1.56	182.79	4.10
Bananas	494.14	9.12	504.84	9.93	472.46	10.15	578.42	12.11	673.20	12.55
Dates	0.35	0.04	0.54	0.06	0.54	0.09	0.40	0.09	1.53	0.14
Pineapple	706.06	7.43	959.63	10.90	519.11	7.20	276.88	4.96	276.87	5.18
Avacado	...	...	...	...	1.00	0.14	...	...	...	...
Guavas	2.10	0.08	1.58	0.05	2.26	0.07	2.10	0.08	2.25	0.07
Mangoes	734.28	25.53	582.63	25.06	619.07	24.65	434.74	15.10	442.07	19.94
Orange	93.57	5.43	100.58	6.43	86.81	5.34	86.06	5.26	112.07	6.37
Lemon	77.38	2.36	42.01	2.31	88.95	3.64	114.38	15.10	156.77	5.37
Grapes	18.36	1.95	16.00	1.79	26.91	2.21	13.53	1.20	20.07	1.42
Watermelons	776.17	16.13	756.55	16.59	813.92	17.90	742.33	15.71	706.03	15.17
Papayas	85.65	2.23	73.51	2.16	79.66	2.30	78.22	2.39	83.85	2.59

cont...

Table S.11 cont...

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Apples	73.21	7.93	123.13	12.76	185.57	19.27	73.56	7.01	165.72	14.11
Pears	17.95	1.70	23.58	2.25	41.14	3.26	5.86	0.45	9.43	0.77
Apricot	1.10	0.00	0.00	0.00	0.03	0.00	...	...	8.83	0.45
Kiwi	7.51	0.58	2.51	0.15	1.10	0.04	0.01	0.00	0.07	0.01
Others	77.63	6.57	418.99	19.60	524.76	21.47	484.97	21.26	159.27	8.92
Total Dried fruits	25.66	8.59	23.13	6.67	16.76	3.33	12.15	3.24	10.08	3.05
Grapes	0.57	0.13	0.73	0.15	1.00	0.17	0.57	0.13	0.67	0.18
Apricot	0.12	0.01	...	...	0.01	0.01	0.14	0.14	...	...
Prunes	...	...	0.09	0.01	0.01	0.01	0.31	0.05	...	...
Apples	0.03	0.00	...	...	...	...	...	...	0.06	0.01
Other fruits	9.59	2.44	8.36	2.07	5.20	0.01	2.89	1.00	2.77	1.10
Mix nuts & fruits	15.35	6.01	13.95	4.44	10.54	3.13	8.24	1.92	6.58	1.76
Total Green tea	464.35	84.00	365.37	85.28	398.83	84.94	404.60	92.67	378.03	76.90
Green tea (not fermented)	5.61	1.43	5.63	1.61	2.65	1.33	9.78	2.53	15.09	4.35
Other green tea	111.61	2.65	22.57	4.54	38.38	9.18	43.82	9.78	44.18	10.55
Black tea (fermented)	292.32	70.26	332.51	78.21	345.41	71.37	346.68	78.01	294.64	61.34
Other	54.81	9.66	4.66	0.92	12.39	3.06	4.32	2.35	24.12	0.66
Total Spices	603.04	85.69	560.51	84.17	708.64	71.52	468.01	54.50	346.02	47.04
Chilli dry	358.71	37.88	365.15	43.92	542.98	38.25	323.36	29.62	250.43	27.22
Chilli crush	40.46	6.30	41.72	7.47	33.46	5.18	49.19	6.21	0.03	0.01
Cinnamon	0.65	0.09	0.62	0.11	0.78	0.07	0.11	0.05	0.23	0.07

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Table S.11 cont...

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Clove not crush or ground	0.17	0.13	0.45	0.26	1.57	1.02	0.25	0.05	0.25	0.16
Clove crush	...	...	0.04	0.02	0.01	0.01	0.82	0.59	1.70	0.89
Cardamoms	3.40	2.07	0.98	0.84	0.49	0.39	0.49	0.38	0.42	0.62
Turneric	32.02	4.69	14.43	2.35	16.26	2.94	11.81	1.87	11.15	1.94
Mixtures	1.61	0.39	1.17	0.15	1.03	0.29	7.98	1.06	2.93	2.39
Other spices	166.02	34.14	135.95	29.05	112.06	23.37	74.00	14.67	78.88	13.74
Total Cereals seed	21,092.82	328.90	24,518.66	412.82	27,645.16	415.35	24,992.47	365.97	20,961.22	520.65
Wheat seed	...	...	...	...	...	...	...	...	24.93	0.54
Wheat other	11,074.72	186.69	5,024.99	95.52	3,365.68	62.99	3,042.13	56.68	4,808.54	99.59
Meslin seed	0.20	...	20.00	0.90	18.52	0.33	4.00	0.08	4.14	84.00
Meslin other	273.02	4.41	34.11	2.01	45.39	2.86	24.43	0.48	55.51	1.55
Rye	4.81	0.20	10.66	0.37	1.77	0.06	2.47	0.13	4.31	0.20
Barley	61.39	0.98	1.50	0.11	...	...	...	...	...	...
Oats other	0.17	0.03	0.15	0.03	0.05	0.01	...	...	...	...
Maize (corn) seed	14.44	0.22	53.35	4.44	12.80	0.32	41.05	2.55	70.62	4.55
Maize others	9,215.59	129.13	19,061.10	301.81	24,072.89	343.72	21,718.26	302.82	15,853.97	327.05
Buckwheat	34.01	0.58	2.10	0.04	10.40	0.25	1.17	0.04	12.10	0.29
Buckwheat seed	5.75	0.11	1.20	0.03	0.76	0.01	6.96	0.10	2.03	0.04
Buckwheat other	360.05	5.75	307.54	5.60	114.94	2.84	112.43	2.32	107.96	2.41
Other cereals	48.67	0.80	1.96	1.96	1.96	1.96	39.57	0.77	17.11	0.43
Total Rice	83,642.05	1,667.97	87,664.33	1,923.08	78,135.88	1,961.50	71,503.31	1,882.37	84,584.45	2,155.91
Rice in the husk	199.02	2.79	74.16	0.88	532.67	8.48	75.64	0.88	114.67	0.96

cont...

Table 5.11 cont...

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Husked (brown) rice	11,786.97	249.92	12.48	0.27	34.76	0.74	13.57	0.34	0.56	0.01
Red rice (yeechum)	...	...	0.25	0.01	2.25	0.03	8.04	0.27	0.15	-
Semi-milled rice	52,848.76	1,126.30	64,307.32	1,536.70	62,066.85	1,677.31	60,267.40	1,689.00	61,026.05	1,664.33
Broken Rice	18,807.30	288.96	23,270.12	385.22	15,499.35	274.94	11,138.66	191.88	23,443.02	490.61
Total Flour	7,008.29	159.28	7,568.25	184.16	8,163.66	198.44	7,605.48	195.12	7,345.71	210.83
Wheat & Meslin flour	6,622.71	151.25	6,886.41	170.60	7,398.55	184.46	7,103.23	185.85	6,993.26	201.29
Maize(corn)flour	114.98	3.09	364.12	6.95	640.89	10.16	343.67	5.26	127.39	3.31
Maize (other)	270.60	4.94	317.72	6.61	124.22	3.82	158.58	4.01	225.06	6.23
Total oil seed	47.85	5.02	40.31	3.85	36.62	3.71	28.95	3.43	27.82	3.37
Soya bean seed	...	...	0.75	0.04	0.59	0.06	...	...	...	...
Soya bean other	1.59	0.10	0.99	0.07	...	...	0.36	0.09	0.30	0.03
Ground nut seed	...	...	0.15	0.02	0.51	0.08	0.22	0.03	0.15	0.03
Ground nut, in shell	20.90	2.50	11.19	1.47	9.01	1.02	6.57	0.69	4.41	0.55
Ground nut, shelled	14.48	1.73	15.38	1.62	17.84	1.97	19.73	2.50	18.21	2.48
Linseed	...	...	...	...	...	...	...	...	...	...
Sunflower seed	1.00	0.05	...	...	...	...	...	...	...	...
Sesamum seed	...	...	...	...	0.01	...	0.07	...	0.07	0.01
Mustard seed	9.88	0.64	11.85	0.63	8.66	0.58	2.00	0.12	4.68	0.27
Total Betel nuts	902.67	64.21	709.90	57.89	694.93	61.68	641.10	51.56	684.52	51.22
Betel leaves	861.38	61.77	670.98	56.01	667.21	58.76	615.16	48.36	675.47	49.98
Betel nuts, in shell	32.32	0.84	31.77	0.73	12.48	0.64	14.45	1.47	2.15	0.22
Betel nuts, shelled	8.97	1.60	7.15	1.15	15.24	2.28	11.49	1.73	6.90	1.02
Total Oil	14,444.43	810.48	11,723.76	853.56	11,060.21	946.71	10,959.70	915.22	11,123.34	948.66

cont...

Table 5.11 cont...

Commodity	2015		2016		2017		2018		2015	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Soya bean oil	12,647.75	660.31	10,291.98	729.48	10,684.46	778.00	9,778.25	811.82	10,078.76	852.86
Ground nut oil	0.03	0.03	0.56	0.05	...	...	1.48	0.16	4.14	0.07
Olive oil	21.26	2.03	25.60	4.70	11.02	2.39	30.67	5.36	24.59	4.03
Sunflower oil	231.61	17.89	255.26	20.82	146.36	12.97	168.95	12.42	85.90	8.60
Palm oil	0.15	0.01	0.15	0.01	0.36	0.04	20.09	1.31	1.43	0.10
Refined bleached deodorised palm oil	8.52	0.50	3.51	0.24	...	...	3.23	0.26	6.78	0.53
Refined bleached deodorised palmolein	1.93	0.33	0.08	0.15	1.12	0.23	0.29	0.50	85.02	5.33
Other palm oil	19.09	0.98	3.47	0.24	1.55	0.11	1.47	0.12	28.57	1.60
Sunflower oil	231.61	17.89	255.26	20.82	146.36	12.97	168.95	12.42	85.90	8.60
Colza/mustard oil	147.16	13.07	41.83	3.68	50.37	3.80	68.41	6.89	47.89	4.75
Safflower/cotton-seed oil	...	...	3.49	0.25	1.21	73.77	0.13	0.01	0.10	0.01
Coconut oil	0.10	0.01	0.43	0.03	1.52	0.27	2.68	0.51	1.77	0.35
Babassu oil	...	...	0.97	0.10	...	...	0.26	0.14	0.95	0.17
Rape oil	1,098.79	93.76	841.07	72.98	0.72	60.72	636.26	55.71	631.26	57.14
Olive (crude)	0.12	0.04	...	...	0.55	0.13	2.53	0.22	0.78	0.33
Sunflower (Crude)	4.41	0.76	...	...	...	...	...	...	0.59	0.13
Soya bean (crude)	11.55	0.82	0.03	0.00	1.46	0.12	2.57	0.17	0.84	0.07
Rape crude	0.48	0.04	0.02	0.00	1.28	0.10	0.38	0.04	...	...
Colza/mustard crude	1.66	0.18	...	...	4.29	0.37	33.81	3.37	17.93	1.73
Oil crude	18.21	1.83	0.05	0.00	7.58	0.72	39.29	3.79	20.14	2.26

cont...

Table 5.11 *cont...*

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Total Sugar	9,357.92	278.11	9,551.73	374.91	10,830.01	448.98	9,905.02	355.35	9,838.46	366.90
Beet sugar	2.68	0.09	28.01	1.03	0.95	0.05	67.25	2.29	101.42	3.42
Other sugar cane	9,355.24	278.02	9,523.72	373.88	10,829.06	448.93	9,837.77	353.06	9,737.04	363.48
Total Salt	7,323.85	40.66	6,883.81	37.45	6,526.64	36.26	7,170.34	41.09	7,017.74	42.11
Common salt (iodised)	6,818.50	38.30	4,688.44	28.25	5,621.27	32.35	6,978.36	39.91	6,944.26	41.74
Common salt (non-iodised)	505.35	2.36	2,195.37	9.20	905.37	3.91	191.98	1.18	73.48	0.37

Source: Bhutan Trade Statistics, Department of Revenue and Custom, Ministry of Finance

Table 5.12: Import of RNR Products from Other Countries, 2015 - 2019

(Volume in MT and Value in Million Nu.)

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Total Meat	7.940	10.200	7.310	11.440	6.870	10.110	8.220	14.710	9.550	16.420
Bovine meat	3.130	5.610	3.310	6.910	2.820	5.860	3.640	8.710	5.030	10.760
Swine meat	2.250	1.390	2.400	2.080	2.170	1.580	1.990	1.810	2.130	1.840
Chevon	1.990	2.670	1.320	2.140	1.380	2.190	1.720	3.290	1.920	3.160
Chicken	0.370	0.310	0.220	0.230	0.500	0.480	0.810	0.820	0.400	0.620
Offal of bovine/ swine/ chevon/ chicken	0.200	0.220	0.060	0.080	...	...	0.060	0.080	0.070	0.040
Total Fish	7.280	5.870	35.790	6.470	20.420	5.880	15.310	7.770	16.650	9.470
Fish fresh or frozen	4.460	3.660	33.160	4.820	4.820	4.080	4.270	4.590	3.480	5.950
Fish fillets, fresh, chilled	1.290	1.720	1.090	0.970	9.380	0.920	2.740	1.850	1.560	1.490
Dry fish	1.530	0.490	1.540	0.680	6.220	0.880	8.300	1.330	11.610	2.030
Total Seafood	1.460	2.010	0.950	1.350	1.130	1.650	0.790	1.510	0.850	1.700
Crustaceans	1.140	1.580	0.720	1.050	0.910	1.380	0.560	1.110	0.620	1.380
Molluscs	0.320	0.430	0.230	0.300	0.220	0.270	0.230	0.400	0.230	0.320
Total Dairy product	325.050	48.771	328.280	51.800	400.450	74.740	390.670	83.340	178.460	37.531
Fresh milk	0.020	0.010	0.250	0.030	1.860	0.060	0.020	0.010	0.020	0.010
Tetra pack	0.100	0.001	...	...	0.100	0.010	0.030	0.050	0.050	0.001
Condensed milk	...	...	...	...	...	...	...	...	...	...
Milk powder	317.480	46.320	322.570	50.500	394.720	73.800	386.310	82.450	173.400	36.000
Yogurt	6.360	0.890	4.910	0.260	3.000	0.230	3.890	0.230	4.170	0.250
Butter, fresh	...	...	...	...	...	...	...	...	0.020	0.050
Butter, processed	0.060	0.180	...	...	...	...	...	...	0.080	0.230

cont...

Table 5.12 cont...

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Cheese, fresh	...	...	...	...	...	...	...	...	0.020	0.020
Cheese, processed	0.890	1.360	0.520	0.970	0.570	0.560	0.370	0.540	0.640	0.910
Natural honey	0.140	0.010	0.030	0.040	0.200	0.080	0.050	0.060	0.060	0.060
Total Fresh vegetable	0.830	0.400	1.320	1.615	4.361	0.902	0.750	0.230	0.110	0.074
Potatoes others	...	...	0.020	0.010	...	...	...	...	...	...
Tomatoes	...	...	...	...	...	...	...	...	0.020	0.010
Garlic	...	...	0.010	0.010	0.010	0.000	...	...	...	...
Cauliflower & broccoli	...	...	0.080	1.290	...	...	...	...	...	...
Cabbage lettuce	...	...	0.010	0.003	...	...	...	...	0.010	0.010
Carrots and turnips	...	...	0.040	0.030	0.010	0.001	...	...	...	...
Peas	...	...	...	...	0.050	0.030	...	...	...	...
Beans	...	...	0.030	0.080	0.001	0.001	...	...	...	...
Other leguminous	...	...	0.010	0.030	0.010	0.010	...	...	...	...
Mushroom	0.380	0.040	1.000	0.110	2.750	0.420	0.420	0.060	...	...
Capsicum	...	...	...	...	0.080	0.030	0.080	0.030	0.010	0.004
Spinach	...	...	0.020	0.002	...	...	...	...	...	...
Others	0.450	0.360	0.100	0.050	1.450	0.410	0.250	0.140	0.070	0.050
Total Dried vegetable	206.460	11.240	12.040	2.301	166.620	11.670	73.050	6.360	22.980	3.800
Onion	...	...	...	...	0.030	0.010	0.010	0.010	0.040	0.010
Dry mushroom	7.910	1.340	11.900	2.230	12.110	1.460	10.910	1.680	21.150	2.430
Mixture of vegetable	0.290	0.020	0.060	0.040	0.090	0.020	0.020	0.010	1.530	1.280
Pea	132.050	5.540	0.010	0.001	88.140	3.920	22.050	0.910	0.070	0.010

cont...

Table 5.12 cont...

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Chickpea	66.000	4.320	...	...	66.000	6.150	40.000	3.710	...	...
Beans	0.210	0.020	0.060	0.020	0.220	0.080	0.050	0.020	0.160	0.030
Lentils	...	...	0.010	0.010	0.030	0.030	0.010	0.020	0.030	0.040
Total Fresh fruits	1.580	0.673	0.592	0.352	0.877	0.535	6.810	0.704	6.721	0.870
Bananas	...	...	...	...	...	...	...	...	0.040	0.020
Dates	0.030	0.020	0.100	0.050	0.030	0.040	6.020	0.230	5.390	0.280
Pineapple	0.070	0.003	...	...	...	...	0.020	0.020	...	...
Avacado	...	...	0.110	0.130	0.130	0.180	0.100	0.200	0.080	0.130
Guavas	...	...	0.002	0.002	0.004	0.010	0.070	0.050	0.020	0.010
Mangoes	0.190	0.050	0.050	0.030	0.120	0.030	0.070	0.030	0.230	0.120
Orange	0.040	0.000	...	...	0.023	0.003	...	...	...	...
Lemon	0.250	0.160	0.090	0.040	0.260	0.130	0.130	0.050	0.120	0.030
Grapes	0.020	0.000	...	...	...	...	...	...	...	...
Papayas	0.020	0.050	...	...	0.020	0.002	0.050	0.004	0.320	0.050
Apples	0.050	0.010	...	...	0.010	0.010	0.020	0.010	0.010	0.010
Apricot	0.070	0.010	0.020	0.010	...	...	0.070	0.020	0.001	0.010
Others	0.840	0.370	0.220	0.090	0.280	0.130	0.260	0.090	0.510	0.210
Total Dried fruits	103.270	1.510	5.410	0.907	21.140	1.950	15.690	0.973	43.400	1.860
Grapes	0.080	0.020	...	...	...	...	0.370	0.050	3.330	0.140
Apricot	0.060	0.060	0.010	0.010	...	...	0.020	0.020	0.150	0.030
Prunes	0.120	0.010	0.010	0.001	...	...	0.010	0.003	...	...
Apples	0.110	0.010	0.010	0.006	0.040	0.010	...	...	1.210	0.070

cont...

Table S.12 cont...

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Other fruits	10.990	0.600	...	...	12.460	0.650	8.290	0.440	30.710	1.200
Mix nuts & fruits	91.910	0.810	5.380	0.890	8.640	1.290	7.000	0.460	8.000	0.420
Total Green tea	5.480	2.320	4.090	2.320	17.180	34.170	8.340	3.840	9.760	1.360
Green tea (not fermented)	0.650	0.150	0.280	0.080	0.420	0.600	0.240	0.030	0.390	0.070
Other green tea	0.320	0.050	0.590	0.300	1.880	1.690	0.490	0.090	6.380	0.290
Black tea(fermented)	0.270	0.620	1.000	1.020	0.590	5.440	0.400	0.400	1.420	0.130
Other	4.240	1.500	2.220	0.920	14.290	26.440	7.210	3.320	1.570	0.870
Total Spices	0.860	0.170	0.300	0.153	0.200	0.061	0.448	0.203	0.260	0.076
Chilli dry	...	...	...	...	0.010	0.001	...	...	...	...
Chilli crush	...	...	0.010	0.010	0.010	0.010	0.004	0.010	0.010	0.004
Cinnamon	...	...	0.010	0.003	0.050	0.010	0.004	0.003	0.020	0.010
Turmeric	...	...	...	...	...	...	0.140	0.020	0.010	0.010
Mixtures	0.130	0.040	0.020	0.000	0.050	0.010	0.020	0.010	0.020	0.002
Other spices	0.730	0.130	0.260	0.140	0.080	0.030	0.280	0.160	0.200	0.050
Total Cereals seed	6.440	0.340	8.913	2.344	7.650	2.328	4.870	0.258	6.310	0.273
Wheat seed	...	...	...	...	...	...	...	...	0.050	0.003
Wheat other	...	...	0.003	0.001	0.020	0.001	0.030	0.010	...	...
Meslin other	...	...	0.020	0.002	...	...	0.010	0.003	...	...
Barley	...	...	...	...	0.020	0.003	0.010	0.002	0.060	0.010
Oats seed	...	...	0.110	0.010	0.040	0.004	0.050	0.003	...	...
Oats other	0.300	0.030	0.770	0.090	0.550	0.050	0.130	0.030	0.130	0.010
Maize (corn) seed	1.830	0.050	3.810	0.170	1.650	0.130	4.120	0.190	4.360	0.190

cont...

Table 5.12 cont...

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Maize others	2.350	0.060	2.080	0.100	3.410	0.180	0.520	0.020	1.710	0.060
Buckwheat	...	...	0.150	0.010	...	...	...	...	...	...
Buckwheat other	...	...	0.010	0.001	...	...	...	...	...	...
Other cereals	1.960	0.200	1.960	1.960	1.960	1.960	...	...	...	...
Total Rice	4.030	0.180	6.910	0.322	313.710	18.240	7.590	1.630	5.550	0.384
Rice in the husk	...	...	3.360	0.100	6.300	0.360	1.110	0.070	0.370	0.040
Husked (brown) rice	0.920	0.050	0.160	0.020	0.080	0.040	0.170	0.060	0.460	0.040
Red rice (yeechum)	...	...	0.080	0.002	...	...	0.240	0.030	0.150	0.004
Semi-milled rice	3.020	0.120	1.960	0.130	2.600	0.090	0.400	0.090	4.530	0.280
Broken Rice	0.090	0.010	1.350	0.070	304.730	17.750	5.670	1.380	0.040	0.020
Total Flour	19.950	1.310	24.020	1.380	25.040	1.550	36.860	1.440	27.910	1.720
Wheat & Meslin flour	10.520	0.840	16.710	0.970	21.600	1.250	36.490	1.270	26.310	1.480
Maize(corn)flour	2.410	0.130	2.580	0.100	1.930	0.150	0.230	0.070	0.230	0.020
Maize (others)	7.020	0.340	4.730	0.310	1.510	0.150	0.140	0.100	1.370	0.220
Total Oil seeds	0.140	0.070	8.420	0.686	0.770	0.320	0.300	0.124	8.660	0.754
Soya bean seed	...	...	...	...	0.130	0.020	...	...	0.010	0.001
Soya bean other	...	...	0.030	0.010	...	...	0.020	0.004	0.030	0.020
Ground nut seed	...	...	0.100	0.010	0.060	0.010	0.060	0.010	0.090	0.010
Ground nut, in shell	...	...	...	...	0.050	0.060	...	...	...	...
Ground nut, shelled	0.040	0.050	...	...	0.130	0.140	0.020	0.010	0.020	0.003
Linseed	...	...	0.010	0.005	...	...	0.020	0.010	0.010	0.010
Sunflower seed	0.080	0.010	0.240	0.020	0.320	0.050	0.060	0.060	0.420	0.060

cont...

Table S.12 cont...

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Sesamum seed	0.020	0.010	0.010	0.001	0.010	0.020	0.060	0.020	0.010	0.010
Mustard seed	...	...	8.030	0.640	0.070	0.020	0.060	0.010	8.070	0.640
Total Betel nut	126.000	6.460	180.000	9.040	0.000	0.000	180.360	16.650	179.650	13.270
Betel nuts, shelled	126.000	6.460	180.000	9.040	...	...	180.360	16.650	179.650	13.270
Total Oil	74.660	12.320	111.690	7.692	1.672	0.341	2941.690	147.140	2002.392	89.302
Soya bean oil	0.340	0.010	...	...	0.070	0.010	0.020	0.002	...	...
Ground nut oil	...	...	...	...	...	...	0.010	0.010	...	...
Olive oil	1.300	0.300	1.620	0.400	1.220	0.290	5.230	0.570	1.990	0.310
Palm oil	72.890	11.900	109.200	7.190	0.020	0.001	36.400	2.810	...	...
Refined bleached deodorised deodorised palm oil	...	...	0.020	0.002	...	...	...	...	...	...
Refined bleached deodorised palmolein	...	...	...	...	...	...	2899.830	143.680	1999.820	88.860
Other palm oil	...	...	...	...	...	...	0.020	0.020	...	...
Sunflower oil	...	...	0.650	0.010	...	...	0.030	0.005	...	...
Safflower/cotton-seed oil	...	...	...	...	0.250	0.020	0.050	0.003	0.120	0.110
Coconut oil	...	...	0.050	0.020	0.110	0.020	0.040	0.010	0.460	0.020
Babassu oil	...	...	0.000	0.000	0.002	0.000	0.050	0.010	0.002	0.002
Colza/mustard oil	...	...	0.050	0.010	...	...	...	...	...	...
Rape oil	0.130	0.110	0.100	0.060	...	...	0.010	0.020	...	...
Total oil crude	0.000	0.000	0.240	0.060	0.810	0.851	0.560	0.350	2139.500	102.240
Colza/mustrad crude	...	...	...	...	0.010	0.001	0.010	0.010	...	...
Palm (crude)	...	...	...	...	...	...	...	...	2134.940	100.930

cont...

Table 5.12 cont...

Commodity	2015		2016		2017		2018		2019	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Olive (crude)	...	...	0.240	0.060	0.800	0.850	0.550	0.340	4.560	1.310
Total Sugar	92.250	0.240	0.690	0.110	4.410	0.200	3.930	0.320	2.230	0.270
Beet sugar	91.380	0.200	0.060	0.030	0.550	0.010	0.330	0.010	0.350	0.030
Other sugar cane	0.870	0.040	0.630	0.080	3.860	0.190	3.600	0.310	1.880	0.240
Total Salt	6.530	0.37	0.200	0.100	0.420	0.140	0.830	0.090	1.010	0.290
Common salt (iodised)	6.530	0.370	0.200	0.100	0.410	0.140	0.830	0.090	1.010	0.290
Common salt (non-iodised)	...	...	...	...	0.010	0.000	...	...	...	...

Source: Bhutan Trade Statistics, Department of Revenue and Custom, Ministry of Finance

Table 5.13: Imports and Sales of Food Items by Food Corporation of Bhutan, 2015 - 2019
(Metric tones)

Commodity	2015	2016	2017	2018	2019
Imports					
Rice	9,027.22	8,733.83	8,646.00	8,555.06	10,387.72
Sugar	1,257.71	1,220.60	1,245.95	868.35	848.30
Salt	795.75	772.10	796.23	570.00	586.25
Edible Oil	1,411.52	1,618.28	1,342.14	1,173.42	1,323.76
Pulses	413.46	324.90	350.00	298.25	351.90
Maida	652.44	573.63	694.32	894.35	1,077.12
Atta	266.88	221.80	276.15	236.25	351.53
Sales					
Rice	8,594.34	8,517.88	8,140.99	8,833.26	10,365.78
Sugar	1,148.88	1,217.93	1,187.98	878.13	911.43
Salt	785.39	725.81	757.22	565.07	637.31
Edible Oil	1,518.48	1,567.30	1,278.66	1,230.54	1,289.61
Pulses	444.70	337.17	304.24	308.07	336.88
Maida	609.35	594.65	686.26	902.09	1,054.73
Atta	242.26	232.14	267.09	267.72	307.23

Source: Food Corporation of Bhutan, Phuentsholing.

Table 5.14: Quantity of Agricultural Produce Handled by Food Corporation of Bhutan, 2015 - 2019
(Metric tones)

Commodity	2015	2016	2017	2018	2019
Potatoes	22,597.24	26,127.07	25,687.38	31,568.84	30,277.08
Vegetables	3,841.41	3,603.58	4,104.04	188.09	5,091.66
Apples	28.84	13.90	28.26	12.38	32,028.00
Oranges	1,853.71	791.26	667.38	391.28	6.25
Ginger	347.53	501.42	587.40	245.81	9.73
Garlic	0.07	0.86	0.00	...	0.13
Arecanut	437.94	378.86	485.13	131.19	24.72
Dry chili	0.00	0.00	0.00	1.25	...
Kidney bean (rajma)	8.65	12.89	6.30	0.80	4.23
Soya bean	8.27	0.42	1.38	94.77	1.45
Lemon	0.36	0.03	...	...	...
Apricot	0.00	0.02	0.00	391.67	...
Peach	2.08	1.24	1.35	0.31	648.00
Plum	1.20	0.63	0.61	391.67	630.00
Pear	0.18	0.09	0.59	184.11	234.00
Other fruits	0.00	0.00	0.00	217.58	...
Cucumber	0.00	0.00	0.00	0.00	60.00

Source: Food Corporation of Bhutan, Phuentsholing.

**Table 5.15: Average Retail Price of Farm Products at Centenary Farmers' Market (CFM),
Thimphu by Type, 2015 - 2019**

(Value in Nu. Per Kg)

Farm Products	2015	2016	2017	2018	2019
Cereals					
White Rice (local)	71	75	80	89	95
Beaten/Flatten Maize	170	276	250	244	325
Beaten/Flatten Rice	190	231	200	199	150
Buckwheat flour (Sweet/Bitter)	102	150	150	157	175
Maize (Grinded/Kharang)	80	83	86	88	90
Red Rice (Local)	67	73	73	74	83
Wheat Flour (Roasted/Kapchi)	48	53	56	58	70
Zaw (Roasted rice)	92	105	96	105	135
Rajma Beans (Dried)	135	128	147	173	180
Dairy					
Butter (kg)	371	373	404	408	440
Cheese (kg)	345	386	368	462	510
Honey (litre)	...	...	...	3,492	1,000
Eggs (dozen)	129	112	112	122	128
Vegetables					
Asparagus	144	125	146	238	384
Bamboo shoot	...	116	100	125	130
Bean (Flat Type)	74	109	139	122	125
Bean (Long Type)	...	76	...	...	125
Bitter Gourd	...	98	98	85	140
Brinjal	...	72	76	56	115
Broccoli	70	78	90	91	170
Cabbage	30	42	45	40	50
Carrot	66	76	77	81	90
Cauliflower	90	122	149	138	120
Chilli dry (Big)	...	178	159	198	725
Chilli dry (Small)	...	205	206	252	190
Coriander	25	30	30	30	35
Cucumber	45	78	83	72	80
Garlic	213	210	225	185	215
Ginger	184	101	122	121	160

cont...

Table 5.15 cont...

(Value in Nu. Per Kg)

Farm Products	2015	2016	2017	2018	2019
Mushroom (Oyster)	...	...	...	118	305
Mushroom (shitake)	...	711	748	674	430
Onion	80	74	67	54	83
Peas	65	86	104	100	145
Potato	...	39	38	36	50
Pumpkin	29	37	46	43	63
Radish	26	37	40	39	45
Spinich (saag)	54	60	64	67	40
Squash	48	48	57	43	65
Tomato	60	87	90	72	90
Turnip	...	43	49	93	40
Fruits					
Apple	118	150	130	211	150
Avocado	...	271	352	333	375
Banana(dozen)	99	75	82	77	80
Cucumber	45	78	83	72	80
Guava	...	74	88	84	140
Lemon	...	119	150	162	145
Mango	...	104	138	142	205
Orange	97	106	124	171	170
Papaya	...	75	86	97	150
Passion Fruit	...	178	100	235	200
Pear	...	108	137	178	175
Pineapple (pcs)	78	61	61	66	75

Source: RNR Statistics Division, Directorate of Services, MoAF

Table 5.16: Price of Cereal and Oilseed Seeds, 2015 - 2019

Products	Unit	2015	2016	2017	2018	2019
Cereals and Oil Seeds						
Maize (Y/pa, S/phangma, C/karpa)	5 kg/bag	28	30	30	...	30
Maize (P3377)	2 kg/pkt	190	225	290	290	267
Maize (P344)	2 kg /pkt	190	190	290	290	...
Paddy (BRK-1 & 2, BK-1 & 2)	20 kg/bag	35	35	35	35	40
Paddy (Bajo Maap)	20 kg/bag	43	50	50	...	50
Paddy (Bajo kaap-1&2 & IR-64)	20 kg/bag	43	50	40	...	45
Paddy (No.K/Map, YRK-1 & 2 and Yrm)	20 kg/bag	55	60	60	68	71
Wheat (Sonalika, Baj&Agreem)	20 kg/bag	31	35	35	38	38
Dhaincha	20 kg/bag	45	60	60	...	61
Mustard (M-27)	5 kg /Bag	90	90	90	90	90
Soya bean (Lebi -1)	10 kg/bag	62	85	85	...	86
Vegetable Seeds						
Beans (Top crop/borlotto)	50 gm/pkt	10	10	10	11	13
Beetroot (DDR)	10 gm/pkt	10	10	10	13	15
Bitter Gourd (Hybrid)	10 gm/pkt	25	25	25	...	32
Bottle Gourd (Hybrid)	10 gm/pkt	25	25	25	...	32
Brinjal (PP Long)	10 gm/pkt	15	15	15	...	15
Broccoli (Centauro)	10 gm/pkt	195	310	310	...	226
Broccoli (Dessico - OP)	10 gm/pkt	10	10	10	10	13
Bunching Onion (No-21)	10 gm/pkt	25	25	25	25	25
Cabbage (Hybrid)	10 gm/pkt	135	145	205	...	149
Cabbage (Golden Acre	10 gm/pkt	25	30	40	29	32
Carrot (ASC - Hybrid)	10 gm/pkt	75	80	115	86	95
Carrot (N. Kuroda)	10 gm/pkt	20	20	20	20	22
Cauliflower (Hybrid)	10 gm/pkt	155	180	255	172	177
Cauliflower (K.early/K.late)	10 gm/pkt	15	15	15	17	19
Chilli-IR-8 (Indian)	10 gm/pkt	10	10	10	10	13
Chilli (Sha ema))	10 gm/pkt	10	10	10	...	20
Chinese Cabbage	10 gm/pkt	10	10	10	10	13
Coriander (Local)	10 gm/pkt	15	15	15	15	15
Cucumber (Frontier)	10 gm/pkt	100	100	100	100	100
Cucumber (S. Genchu)	10 gm/pkt	15	15	15	17	23
Cucumber (santon No 1)	10 gm/pkt	15	25	25	28	29
Garlic (Local)	10 gm/pkt	200	195	195	...	195

cont...

Table 5.16 cont...

Products	Unit	2015	2016	2017	2018	2019
Cereals and Oil Seeds						
Ginger (Local)	10 gm/pkt	100	100	100	...	100
Japanese Green (Mibuna)	10 gm/pkt	10	10	10	10	15
Japanese Green (Taisai)	10 gm/pkt	10	10	10	10	15
Ladies Finger (PS)	10 gm/pkt	15	15	15	17	18
Lettuce (Great Lake)	5 gm/pkt	20	20	20	25	29
Sag (Him Beauty)	10 gm/pkt	10	10	10	14	15
Onion (OP/ B-Red)	10 gm/pkt	20	20	20	20	22
Onion (Pune Red)	10 gm/pkt	25	25	25	25	25
Peas (Mr. Rig). Hybrid	50 gm/pkt	10	10	10	11	13
Peas (Usui/Arkel)	50 gm/pkt	10	10	10	11	13
Beans (Pole bean white)	50 gm/pkt	10	14	10	11	...
Pumpkin (T-Kabuta)	10 gm/pkt	10	15	10	13	15
Radish (Ivory white)	10 gm/pkt	10	10	10	10	11
Radish (Minowase)	10 gm/pkt	10	10	10	10	13
Radish (Tokinashi)	10 gm/pkt	15	15	15	19	20
Spinach All (Green/Beet)	10 gm/pkt	10	10	10	10	13
Squaush (Zucchini)	10 gm/pkt	10	15	10	14	15
Tomato (PS-61)	5 gm/pkt	110	110	110	121	122
Tomato (Ratan/Roma)	5 gm/pkt	15	15	15	17	18
Turnip (PTWG)	10 gm/pkt	10	10	10	13	13
Water melon (Sugar Baby)	10 gm/pkt	15	15	15	18	22
Water melon (Hybrid)	10 gm/pkt	330	330	330	330	...
Potato Red (Desiree)	50 kg/bag	22	25	27	...	27
Potato White varieties	150 kg/bag	21	24	25	...	26
Temperate fruit seedlings						
Almond (Kagzi)	Numbers	90	90	90	90	100
Apple (All Varieties)	Numbers	80	80	80	80	90
Apricot (Shakharpara)	Numbers	90	90	90	90	100
Asparagus seedlings (MW)	Numbers	4	4	4	4	4
Cherry (Seneka/Jabouny)	Numbers	80	80	80	90	95
Chestnut (Jeuphu-1)	Numbers	50	50	50	50	60
Peach (N-wase/S-Hakuto)	Numbers	90	90	90	90	100
Pear (Hosui/Kosui/Chujoro/William)	Numbers	75	75	75	75	96
Persimmon (Fuyu/Jiro)	Numbers	110	110	110	110	125
Plum (Santarosa/Stanley)	Numbers	90	90	90	90	100

cont...

Table 5.16 cont...

Products	Unit	2015	2016	2017	2018	2019
Cereals and Oil Seeds						
Straw berry (Chandler)	Numbers	7	7	7	7	9
Walnut (Grafted – Kagzi)	Numbers	185	185	185	185	205
Subtropical fruit seedlings						
Areca nut (Bhur S-1)	Numbers	33	40	40	40	55
Avocado (Hasa/Pink caton)	Numbers	133	135	135	135	150
Banana (Chinichampa/Jahaji)	Numbers	25	40	40	40	50
Cardamom (Seedling multiplied)	Numbers	11	11	9	9	10
Cardamom (through seeds)	Numbers	13	13	13	...	...
Mandarin Orange (grafted)	Numbers	79	90	90	...	...
Mandarin Orange (seedlings)	Numbers	33	35	35	35	50
Gauva (L-49)	Numbers	36	45	45	45	45
Jack fruit (Bhur S-1)	Numbers	13	15	15	15	21
Litchi (E-Bedana/Shahi)	Numbers	49	60	60	60	75
Mango graft (Langra/DS/AP/CH)	Numbers	68	75	75	75	85
Papaya	Numbers	13	15	15	15	23
Passion fruit (Local)	Numbers	11	15	15	15	20
Pine apple (Sugar baby)	Numbers	30	35	35	35	25
Pomegranate (Bedana)	Numbers	28	30	30	30	50
Fertilizers						
Urea (46 % N)	50 Kg pack	895	935	938	983	885
Urea (46% N)	10 Kg pack	190	200	220	218	218
Suphala (NPK 15:15:15)	50 Kg pack	1,690	1,785	1,870	1,876	1,876
Suphala (NPK 15:15:15)	20 Kg pack	690	730	780	775	775
Suphala (NPK 15:15:15)	10 Kg pack	...	...	400	396	...
Suphala (NPK 15:15:15)	5 Kg pack	...	...	205	204	...
Single Superphosphate-SSP(16% P ₂ O)	50 Kg pack	895	930	985	977	977
Bone Meal	50 Kg pack	1,335	2,840	2,840	2,065	2,065
Muriate of potash-MOP(60% K ₂ O)	50 Kg pack	1,855	1,980	2,145	2,132	2,132
Borax (20% Boron minimum)	5 Kg pack	1,230	870	945	938	938
Diammonium phosphate-DAP (18%N 46%P ₂ O)	50 Kg pack	2,405	2,405	2,405	...	...
Calcium Ammonium Nitrate-CAN	50 Kg pack	1,335	1,335	1,335	...	...

Source: RNR Statistics Division, Directorate of Services, MoAF

Table 5.17: Price of Plant Protection Chemicals, 2015 - 2019

Category	PP Chemicals	Unit	2015	2016	2017	2018	2019
Insecticides	Alphacypermethrin	1000 ml	...	...	299	...	...
	Chlorpyrifos 20 EC	100 ml	40	34	32	32	35
	Cypermethrin 10 EC	100 ml	37	28	28	32	30
	Dimethoate 30 EC	100 ml	44	39	38	38	...
	Fenvelerate 0.4D	1 kg	36	32	32	52	42
	Malathion 50 EC	100 ml	43	...	...	...	40
Fungicides	Captan 50 WP	500 gms	273	273	247	...	82
	Carbendazim 50 WP	250 gms	111	100	96	96	109
	Copper Oxychloride 50 WP	100 gms	61	58	47	47	42
	Hexaconazole 5 EC	100 ml	40	37	34	34	...
	Mancozeb 75 WP	250 gms	76	...	...	74	68
	Metalaxyl 8% + Mancozeb 64 %	100 gms	67	58	53	...	49
	Sulphur 80 WP	250 gms	68	68	131	95	...
	Tricyclazole 75 WP	100 gms	128	122	102	...	...
Herbicides	Butachlor 5 G	20 kg	...	37	37	...	...
	Glyphosate 41 SL	500 ml	...	153	129	124	131
	Metribuzim 70 WP	100 gms	...	127	104	...	568
Rhodenticides	Zinc Phosphide	10 gms	...	13	13	13	13
Non-toxic/ Bio-pesticides	Azadirachtin 0.3%	100 ml	...	58	58	...	60
	Orchard sprays Oil/Tree spray oil/Horticulture Mineral oil	100 litres	...	157	157	...	...
	Stiker/Spreader/Activator	250 ml	...	67	67	65	59

Source: RNR Statistics Division, Directorate of Services, MoAF

The conservation of environment is one of the four pillars of Bhutan's development philosophy of Gross National Happiness (GNH). Accordingly, the Royal Government of Bhutan (RGoB) has been putting concerted efforts in protecting the environment and the priority has been on the sustainable use of natural resources in all its policies, plans and programs.

This chapter presents statistics which are related to environment. The statistics collected and presented in this chapter are organized based on the broad Framework for Development of Environmental Statistics (FDES) provided by the United Nations Statistics Division. The six components of FDES, namely, environmental conditions & quality, environmental resources & their use, emissions, residuals & waste, extreme events & disasters, human habitat & environmental health, environmental protection, management & engagement have been used to gather statistics from different sources.

The chapter on Environment Statistics gives some general statistics on atmosphere, climate & weather, hydrographic characteristics, geological & geographic information, land cover, biodiversity and forests. It also gives statistics on extraction & trade of minerals, production & use of energy, land use, timber resources & their use, crops, livestock, water resources, emissions of greenhouse gases, occurrence & impact of natural extreme events & disasters, urban & rural population, water & sanitation, other urban habitat concerns and government environmental protection & resource management expenditures.

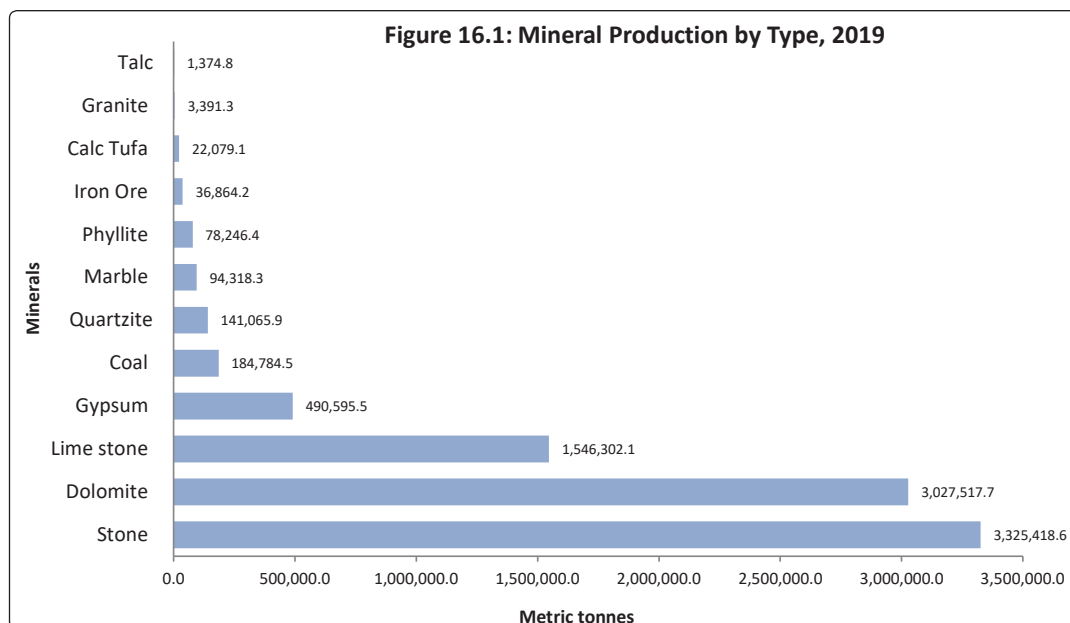


Table 6.1: Land Cover by Major Categories, 2010 and 2016

Land Cover class	Sub-Class	LCMP 2010			Total Area (%)	LULC 2016		
		Total Area (Ha)	Area (%)			Total Area (Ha)	Area (%)	Total Area (%)
Forests	Fir Forest	183,208.26	4.77		70.46	230,983.99	6.02	70.77
	Mixed Conifer forest	613,963.92	15.99			519,585.68	13.53	
	Blue Pine Forest	80,023.99	2.08			101,155.06	2.64	
	Chir Pine Forest	107,666.51	2.8			101,537.45	2.64	
	Broadleaf Forest	1,688,956.50	43.99			1,763,899.50	45.94	
	Broadleaf & Conifer Forest	31,472.06	0.82			...	...	
Alpine Scrub Shrubs Meadows	Alpine Scrubs	...	...		... 10.43 4.1	130,097.72	3.39	3.39 9.74 2.51
	Shrubs	400,526.40	10.43			374,032.56	9.74	
	Meadows	157,568.51	4.1			96,273.61	2.51	
Cultivated Agricultural	Chhuzhing	31,361.23	0.82		2.93	31,891.87	0.83	2.76
	Kamzhing	69,670.79	1.81			68,260.64	1.78	
	Apple Orchard	2,041.47	0.05					
	Citrus Orchard	5,086.42	0.13			5,529.92	0.14	
	Areca nut Plantation	984.92	0.03					
	Cardamom Plantation	3,397.95	0.09					
	Others	13.43	...			...	...	
Built up areas	Built up Areas	6,150.87	0.16		0.16	7,457.03	0.19	0.19
Non-Built up areas	Non-Built up Areas	330.1	0.01		0.01	595.89	0.02	0.02
Snow Cover	Snow Cover	285,479.22	7.44		7.44	205,343.63	5.35	5.35
	Lakes	4,753.42	0.12			6,252.58	0.16	
Water Bodies	Reservoirs	130.7	0.00		0.72	...	...	0.65
	Rivers	22,684.66	0.59			18,923.20	0.49	
	Marshy Areas	319.47	0.01			...	...	
Degraded Areas	Marshy Areas	319.47	0.01		0.01	...	...	...
	Landslides	7,032.54	0.18		...	3,730.22	0.1	0.1
	Gullies	6.66	...		0.54	...	...	...
	Ravines	...	...		...	...	...	...
	Moraines	13,596.24	0.35		...	14,393.94	0.37	0.37
TOTAL		3,839,400.00	100		100	3,839,400.00	100	100

Source: Land Cover Map Project (LCMP) & Land Use Land Cover (LULC), Ministry of Agriculture and Forests

Table 6.2: Dzongkhag Wise Geographical Area by Type of Land Cover, 2016

Dzongkhag	Forests	Cultivated Agriculture	Shrubs	Meadows	Built up	Non-Built up	Moraines	Rocky Outcrops	Land-slides	Snow & Glacier	Water Bodies
Bumthang	139,411	3,399	58,927	10,096	481	...	2,033	23,779	4	29,118	1,844
Chhukha	166,099	7,892	6,414	2,625	894	45	...	462	343	...	1,375
Dagana	152,086	7,397	6,038	2,252	108	7	...	850	291	...	1,581
Gasa	60,842	458	94,883	10,985	44	...	9,402	62,701	64	68,734	2,284
Haa	125,768	1,718	34,424	9,481	275	3	...	15,883	19	391	673
Lhuentse	183,360	3,769	37,947	3,246	170	9	966	4,935	104	47,426	1,161
Monggar	175,879	6,530	7,810	736	316	8	...	2	364	...	893
Paro	66,238	5,462	34,347	12,704	655	37	...	5,599	...	1,897	523
Pema Gatshel	91,925	3,665	4,221	8	210	48	...	219	275	...	647
Punakha	91,887	4,704	9,250	483	298	4	...	250	6	2,189	809
Samdrup Jongkhar	168,645	5,497	8,798	479	191	35	...	174	363	...	1,698
Samtse	105,150	14,803	5,619	245	300	160	...	201	615	3	2,121
Sarpang	146,852	8,030	5,094	15	456	10	...	63	441	...	2,967
Thimphu	71,212	1,693	53,153	18,329	1,390	86	755	20,988	...	9,767	469
Trashigang	172,795	9,812	26,720	7,087	600	...	...	77	235	199	729
Trashigang Yangtse	100,379	3,492	20,883	823	103	...	...	464	32	16,460	860
Trongsa	153,780	2,556	16,300	4,463	399	8	...	556	118	1,002	426
Tsirang	55,265	5,705	1,390	60	70	2	...	216	24	...	432
Wandue Phodrang	264,060	5,826	64,131	12,066	512	133	1,239	21,756	53	27,876	1,988
Zhemgang	225,429	3,449	7,639	78	127	1	...	294	357	273	1,660
TOTAL	2,717,061	105,855	503,987	96,262	7,598	595	14,394	159,467	3,705	205,336	25,140

(Hectares)

Source: Land Cover Map Project (LCMP) & Land Use Land Cover (LULC), Ministry of Agriculture and Forests

Table 6.3: Dzongkhag Wise Forest Cover, 2016

Dzongkhag	Dzongkhag Area (ha)	Forest Area (ha)	Forest Cover (%)
Bumthang	269,091.0	144,842.0	53.8
Chhukha	186,149.0	151,164.0	81.2
Dagana	170,608.0	141,861.0	83.2
Gasa	310,398.0	112,272.0	36.2
Haa	188,635.0	129,500.0	68.7
Lhuntse	283,091.0	213,792.0	75.5
Monggar	192,536.0	158,031.0	82.1
Paro	127,461.0	72,574.0	56.9
Pema Gatshel	101,217.0	83,745.0	82.7
Punakha	109,878.0	79,316.0	72.2
Samdrup Jongkhar	185,881.0	133,622.0	71.9
Samtse	129,216.0	77,299.0	59.8
Sarpang	163,928.0	127,397.0	77.7
Thimphu	177,841.0	94,256.0	53.0
Trashigang	218,253.0	159,998.0	73.3
Trashhi Yangtse	143,496.0	99,860.0	69.6
Trongsa	179,607.0	142,571.0	79.4
Tsirang	63,163.0	48,857.0	77.4
Wangdue Phodrang	399,641.0	292,824.0	73.3
Zhemgang	239,308.0	198,036.0	82.8

Source: Forest Facts and Figures 2019, Department of Forest and Park Services

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Table 6.4: Dzongkhag-wise Proportion of Geographical Area by Agro-Ecological Zones, 2010

Dzongkhag	Wet Subtropical (100-600)	Humid Subtropical (600-1200)	Dry Subtropical (1200-1800)	Warm Temperate (1800-2600)	Cool Temperate (2600-3600)	Alpine (>3600-7500)
Bumthang	...	...	...	1.3	36.1	62.6
Chhukha	7.2	17.8	21.3	27.1	23.7	3.0
Dagana	15.8	19.0	19.1	25.7	16.6	4.0
Gasa	...	...	0.1	2.2	9.8	87.9
Haa	0.0	2.4	6.9	15.0	35.1	40.6
Lhuentse	...	1.0	6.9	20.6	30.6	40.9
Monggar	3.3	17.8	27.0	28.7	21.8	1.5
Paro	...	...	...	13.6	42.2	44.3
Pema Gatsel	20.9	41.7	28.1	9.3	0.0	...
Punakha	...	0.2	17.6	36.7	29.4	16.2
Samdrup Jongkhar	22.9	23.0	25.6	20.8	7.3	0.4
Samtse	20.9	27.7	22.2	21.1	7.4	0.8
Sarpang	25.9	25.1	24.7	21.2	2.8	0.3
Thimphu	...	...	...	6.2	30.2	63.5
Trashig Yangtse	0.2	3.2	8.9	19.0	32.4	36.4
Trashigang	0.1	4.4	14.8	29.2	32.7	18.8
Trongsa	...	2.5	6.8	24.1	34.4	32.2
Tsirang	0.0	2.7	10.2	28.2	41.4	17.5
Wangdue Phodrang	7.4	31.6	30.7	22.7	7.0	0.6
Zhemgang	11.9	29.6	26.8	19.5	9.9	2.3
Bhutan	5.6	10.2	13.1	18.6	23.9	28.6

Source: Bhutan RNR Statistics 2016, MoAF

Table 6.5: Monthly Maximum and Minimum Average Temperature by Dzongkhag, 2019

		(Degree Celsius)												
Dzongkhag/Station	Temperature	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Bumthang, Chamkhar	Max	12.2	12.9	15.2	18.7	19.5	22.8	21.8	24.0	20.9	18.3	16.8	12.0	17.9
	Min	-4.9	-0.2	2.6	6.5	10.5	12.4	13.9	14.5	13.2	8.3	5.2	-3.2	6.6
	Ave	3.6	6.3	8.9	12.6	15.0	17.6	17.9	19.3	17.1	13.3	11.0	4.4	12.2
Chhukha, Phuntsholing, CST	Max	25.1	25.6	29.1	30.9	29.6	31.5	29.7	31.7	30.0	28.9	28.7	25.4	28.8
	Min	11.3	11.5	13.7	17.2	18.7	20.4	21.4	22.7	21.1	18.0	15.9	11.1	16.9
	Ave	18.2	18.5	21.4	24.0	24.2	25.9	25.6	27.2	25.5	23.5	22.3	18.2	22.9
Dagana	Max	18.9	17.9	21.3	23.8	24.0	26.5	24.2	27.0	23.8	23.4	23.0	18.2	22.7
	Min	3.2	5.0	7.0	10.9	15.6	18.0	18.8	21.9	18.0	13.9	11.1	6.2	12.5
	Ave	11.1	11.4	14.1	17.3	19.8	22.3	21.5	24.5	20.9	18.7	17.1	12.2	17.6
Gasa	Max	8.9	9.2	9.9	14.4	16.4	18.4	19.1	21.1	18.3	15.7	14.2	8.7	14.5
	Min	-4.1	-2.0	0.7	3.6	7.4	10.1	11.9	11.6	10.4	6.3	2.5	-2.3	4.7
	Ave	2.4	3.6	5.3	9.0	11.9	14.3	15.5	16.3	14.3	11.0	8.4	3.2	9.6
Haa	Max	9.0	9.3	11.7	15.8	17.6	20.0	19.9	21.2	18.2	15.6	15.2	9.6	15.3
	Min	-8.1	-4.0	-1.0	5.4	9.6	11.6	13.7	13.9	12.6	5.9	0.2	-5.3	4.5
	Ave	0.5	2.7	5.4	10.6	13.6	15.8	16.8	17.5	15.4	10.7	7.7	2.1	9.9
Lhuentse, Tangmachu	Max	22.5	23.2	25.9	30.2	29.8	34.0	30.2	33.0	29.3	26.8	24.9	20.6	27.5
	Min	4.1	7.1	9.6	13.1	16.9	19.4	20.3	19.8	19.2	15.6	12.5	6.2	13.6
	Ave	13.3	15.1	17.8	21.6	23.3	26.7	25.2	26.4	24.3	21.2	18.7	13.4	20.6
Mongar	Max	17.5	16.9	20.2	22.9	23.0	26.8	24.7	28.3	24.3	22.4	20.4	15.5	21.9
	Min	5.8	7.4	9.4	13.5	15.9	18.1	18.4	19.1	17.7	14.2	12.0	6.3	13.1
	Ave	11.7	12.1	14.8	18.2	19.5	22.5	21.5	23.7	21.0	18.3	16.2	10.9	17.5

cont...

Table 6.5 cont...

(Degree Celsius)

Dzongkhag/Station	Temperature	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Punakha	Max	8.0	22.1	25.2	28.5	30.8	33.7	32.1	34.4	28.9	28.1	27.1	22.2	26.7
	Min	5.8	10.1	13.6	17.0	20.4	22.0	23.2	23.0	20.3	18.6	14.9	7.7	16.4
	Ave	6.9	16.1	19.4	22.8	25.6	27.9	27.6	28.7	24.6	23.4	21.0	15.0	21.6
Paro	Max	11.7	13.5	15.8	19.8	22.5	24.9	25.2	26.1	22.9	20.9	19.8	12.8	19.6
	Min	-3.8	-0.5	1.6	6.1	10.1	12.4	13.9	14.2	13.4	7.6	3.5	-3.2	6.3
	Ave	3.9	6.5	8.7	12.9	16.3	18.6	19.5	20.1	18.1	14.3	11.6	4.8	12.9
Pemagatshel	Max	18.2	17.0	18.9	22.6	22.2	25.5	23.7	26.4	24.6	23.6	21.6	17.1	21.8
	Min	4.0	6.6	8.3	12.5	16.1	17.8	18.3	18.6	18.4	13.4	11.1	5.0	12.5
	Ave	11.1	11.8	13.6	17.6	19.1	21.7	21.0	22.5	21.5	18.5	16.3	11.0	17.1
Deothang, Samdrup Jongkhar	Max	21.1	21.1	22.4	24.7	24.9	27.6	26.5	28.8	25.5	24.4	23.3	19.8	24.2
	Min	10.6	11.7	14.0	17.0	18.1	20.8	21.0	21.5	20.7	17.7	16.2	11.1	16.7
	Ave	15.8	16.4	18.2	20.8	21.5	24.2	23.7	25.1	23.1	21.1	19.7	15.5	20.4
Samtse, Sipsu	Max	24.5	24.6	27.4	29.6	29.1	30.6	28.7	31.2	29.4	28.5	27.4	23.6	27.9
	Min	11.7	13.0	15.9	18.4	19.7	21.7	22.4	23.0	21.7	18.7	17.0	12.2	17.9
	Ave	18.1	18.8	21.6	24.0	24.4	26.2	25.5	27.1	25.5	23.6	22.2	17.9	22.9
Sarpang, Bhur	Max	24.8	24.6	25.7	28.3	27.0	30.0	29.5	32.0	29.6	28.0	27.6	23.5	27.5
	Min	15.2	16.2	18.7	21.6	22.9	24.5	24.3	24.6	23.3	21.6	20.5	14.3	20.6
	Ave	20.0	20.4	22.2	25.0	24.9	27.2	26.9	28.3	26.5	24.8	24.0	18.9	24.1
Thimphu, Simtokha	Max	13.2	14.2	15.7	20.7	22.3	25.7	25.7	27.8	24.0	22.0	20.2	13.5	20.4
	Min	-4.1	-1.2	1.4	6.8	10.6	13.5	15.1	14.9	13.3	8.1	2.8	-4.2	6.4
	Ave	4.5	6.5	8.5	13.8	16.5	19.6	20.4	21.4	18.7	15.0	11.5	4.6	13.4

cont...

Table 6.5 cont...

(Degree Celsius)

Dzongkhag/Station	Temperature	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Trashigang, Kanglung	Max	18.8	18.3	21.1	23.8	24.2	26.1	23.7	26.1	24.8	22.8	21.5	16.4	22.3
	Min	2.7	3.7	6.3	10.4	13.1	15.8	16.3	16.9	15.4	11.7	9.3	3.1	10.4
	Ave	10.8	11.0	13.7	17.1	18.6	20.9	20.0	21.5	20.1	17.3	15.4	9.8	16.3
Trashi Yangtse	Max	16.6	17.0	20.3	22.9	23.5	26.9	25.5	27.8	25.3	22.8	21.1	16.4	22.2
	Min	-1.0	2.8	5.6	9.2	12.7	15.6	16.9	16.9	15.6	11.1	7.9	1.1	9.5
	Ave	7.8	9.9	12.9	16.0	18.1	21.2	21.2	22.3	20.5	16.9	14.5	8.7	15.8
Trongsa	Max	15.5	14.4	16.7	19.5	20.4	22.8	22.2	24.8	21.8	21.0	19.5	14.0	19.4
	Min	-0.1	3.2	5.9	8.7	12.7	14.7	15.9	15.9	14.9	11.1	7.1	1.4	9.3
	Ave	7.7	8.8	11.3	14.1	16.5	18.7	19.1	20.3	18.3	16.0	13.3	7.7	14.3
Tsirang, Damphu	Max	15.8	15.6	17.7	21.5	22.3	24.5	23.5	25.6	23.6	21.7	19.8	15.6	20.6
	Min	4.7	6.0	9.6	13.7	17.0	18.7	19.4	19.8	18.5	14.3	11.5	5.2	13.2
	Ave	10.2	10.8	13.6	17.6	19.6	21.6	21.4	22.7	21.1	18.0	15.7	10.4	16.9
Wangdue Phodrang, (RNRRRC)	Max	21.3	20.6	24.0	26.6	28.6	31.1	29.3	30.8	27.9	26.7	25.2	20.2	26.0
	Min	3.0	8.6	11.7	15.2	18.9	21.1	21.7	21.9	20.8	16.9	13.4	6.6	15.0
	Ave	12.2	14.6	17.8	20.9	23.8	26.1	25.5	26.4	24.4	21.8	19.3	13.4	20.5
Zhengang	Max	15.2	14.4	16.1	20.3	21.2	24.6	23.5	26.7	23.6	21.6	19.3	14.3	20.1
	Min	2.7	4.8	7.2	10.6	14.1	16.1	16.7	16.9	15.7	11.7	9.1	3.8	10.8
	Ave	8.9	9.6	11.7	15.4	17.6	20.3	20.1	21.8	19.6	16.7	14.2	9.0	15.4

Source : Weather and Climate Services Division, National Center for Hydrology and Meteorology.

Table 6.6: Total Monthly Rainfall at Existing Stations in each Dzongkhag, 2019

(Millimeter)

Dzongkhag/Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual total rainfall
Bumthang, Chamkher	1.4	15.8	25.7	46.2	101.8	35.6	191.8	106.8	74.6	18.5	0.0	0.5	618.7
Chhukha	11.8	66.0	69.4	75.4	160.7	221.5	485.6	52.0	4.0	24.8	0.0	0.0	1,171.2
Chhukha, Phuntsholing CST	0.1	62.9	142.0	217.2	636.3	1,090.8	1,837.4	459.8	813.0	179.6	24.5	0.0	5,463.6
Dagana, Dzong	5.2	48.2	30.6	30.0	45.1	118.5	323.7	155.5	187.6	40.1	1.4	0.0	985.9
Dagana, Drujeygang	0.0	55.4	46.3	115.4	761.3	193.9	650.9	235.7	170.0	26.5	0.4	0.0	2,255.8
Dagana, Sunkosh	2.7	44.2	33.5	...	78.5	99.0	455.8	162.4	142.8	42.9	3.1	0.0	1,064.9
Gasa, Khatey	0.4	41.8	34.4	103.8	180.8	276.4	384.0	508.4	309.9	106.4	20.4	14.2	1,980.9
Haa, Namjeyling	3.3	38.3	44.5	53.6	56.4	40.4	248.0	147.5	153.7	9.2	0.0	1.4	796.3
Lhuntse, Autsho	0.0	35.0	17.4	50.2	111.4	61.0	340.2	49.6	93.6	6.4	0.6	0.2	765.6
Lhuntse, Tangmachu	0.3	10.4	23.6	163.5	131.4	35.9	199.8	66.2	144.4	15.3	8.8	2.2	801.8
Monggar	0.4	41.8	34.4	103.8	180.8	60.8	404.6	82.0	138.4	17.0	0.0	1.2	1,065.2
Paro, DSC	0.0	34.4	24.2	18.2	28.0	56.4	104.4	69.4	73.8	3.8	0.0	10.4	423.0
Pema Gatsel	0.7	64.4	73.4	166.9	305.7	302.4	774.5	159.2	109.7	20.4	0.8	0.0	1,978.1
Pema Gatsel, Dungmin	0.0	62.0	...	447.0	705.0	648.0	1,518.0	83.0	100.0	8.0	0.0	0.0	3,571.0
Pema Gatsel, Yurung	2.4	77.6	74.0	115.8	339.6	414.8	919.0	...	129.7	20.6	0.0	0.0	2,093.5
Punakha, Dzong	4.2	24.0	12.1	47.0	70.8	36.0	128.3	96.0	134.0	22.3	1.2	0.0	575.9
Samdrup Jongkhar, Deothang	0.0	102.1	79.8	529.0	753.5	885.0	1,287.2	258.6	274.9	55.8	14.8	0.0	4,240.7
Samtse, Tendu	4.0	48.2	36.6	136.2	205.5	383.2	1,029.0	276.1	446.2	100.0	8.6	1.6	2,675.2
Samtse, NIE	0.0	122.5	31.0	270.0	249.5	1,048.2	1,500.7	663.2	1,093.4	365.7	31.2	37.3	5,412.7
Samtse, Sibsoo	0.4	50.2	64.6	151.0	629.6	901.2	1,437.2	1,081.0	794.6	149.4	6.0	1.4	5,266.6

cont...

Table 6.6 cont...

(Millimeter)

Dzongkhag/Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual total rainfall
Sarpang, Bhur	0.0	55.0	25.9	267.1	551.4	963.4	1,943.9	402.3	645.4	183.1	31.0	1.7	5,070.2
Thimphu, Simtokha	2.2	38.0	22.7	17.1	45.5	49.1	130.1	61.9	74.7	16.0	0.0	4.8	462.1
Trashigang, Kanglung	0.2	47.0	44.2	86.6	174.4	108.7	522.6	89.0	126.2	19.0	0.0	1.2	1,219.1
Trashigang, Thrimshing	0.0	37.0	22.0	53.9	220.7	76.4	138.8	137.2	98.4	0.0	0.0	0.0	784.4
Trashi Yangtse	0.0	29.3	32.3	110.9	138.5	46.3	279.5	189.2	188.6	23.9	1.8	1.1	1,041.4
Trongsa	5.7	38.3	43.0	99.5	162.5	222.8	302.0	223.3	164.9	51.1	2.0	1.5	1,316.6
Trongsa, Bijzam	11.4	...	41.6	150.8	136.8	349.6	...	377.0	101.1	46.8	0.1	0.4	1,215.6
Tsirang, Dampchu	4.6	59.2	74.6	64.0	76.4	166.6	526.2	124.4	111.8	45.2	0.0	0.0	1,253.0
Wangdue Phodrang, RNRRC	6.9	29.0	12.3	50.2	39.4	33.0	139.3	77.5	90.5	12.4	3.6	0.0	494.1
Wangdue Phodrang, Samtengang	2.0	13.0	...	84.0	4.4	38.0	307.0	18.0	169.0	23.0	0.0	4.0	662.4
Zhemgang	13.6	72.8	46.5	83.6	197.9	128.1	581.9	101.1	187.3	30.1	0.9	8.0	1,451.8

Source : *Weather and Climate Services Division, National Center for Hydrology and Meteorology.*

Table 6.7: Monthly Maximum and Minimum Average Humidity by Dzongkhag, 2019

(Degree Celsius)

Dzongkhag/Station	Humidity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average Humidity
Bumthang, Chamkhar	Max	100	100	93	88	94	95	96	95	96	89	86	92	94
	Min	49	55	44	50	46	55	57	47	55	30	55	57	50
	Ave	75	78	69	69	70	75	77	71	76	60	71	75	72
Chhukha, Phuntsholing, CST	Max	69	89	87	91	96	96	96	96	96	96	86	80	90
	Min	34	41	53	45	56	70	73	65	72	64	59	37	56
	Ave	52	65	70	68	76	83	85	81	84	80	73	59	73
Dagana	Max	88	100	94	100	100	100	100	100	100	100	81	75	95
	Min	22	42	29	9	54	45	59	53	63	46	38	22	40
	Ave	55	71	62	55	77	73	80	77	82	73	60	49	68
Gasa	Max	92	93	92	87	93	94	95	94	95	94	92	93	93
	Min	19	35	19	37	50	53	70	52	68	50	27	17	41
	Ave	56	64	56	62	72	74	83	73	82	72	60	55	67
Haa	Max	93	92	88	80	87	89	89	89	94	94	93	80	89
	Min	30	40	36	17	30	36	45	54	48	32	13	21	34
	Ave	62	66	62	49	59	63	67	72	71	63	53	51	61
Lhuentse, Tangmachu	Max	86	94	90	91	99	95	95	91	96	95	90	93	93
	Min	46	57	50	31	54	52	60	60	70	64	61	59	55
	Ave	66	76	70	61	77	74	78	76	83	80	76	76	74
Mongar	Max	81	87	87	90	95	95	100	95	95	90	89	87	91
	Min	38	43	43	48	67	63	60	59	70	39	59	38	52
	Ave	60	65	65	69	81	79	80	77	83	65	74	63	72

cont...

Table 6.7 cont...

(Degree Celsius)

Dzongkhag/Station	Humidity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average Humidity
Punakha	Max	93	94	100	100	100	100	100	91	91	91	100	95	96
	Min	52	47	50	47	42	47	57	52	38	59	54	48	49
	Ave	73	71	75	74	71	74	79	72	65	75	77	72	73
Paro	Max	93	94	100	100	100	100	100	91	91	91	100	95	96
	Min	52	47	50	47	42	47	57	52	38	59	54	48	49
	Ave	73	71	75	74	71	74	79	72	65	75	77	72	73
Pemagatshel	Max	93	94	100	100	100	100	100	91	91	91	100	95	96
	Min	52	47	50	47	42	47	57	52	38	59	54	48	49
	Ave	73	71	75	74	71	74	79	72	65	75	77	72	73
Samdrup Jongkhar, Deothang,	Max	93	94	100	100	100	100	100	91	91	91	100	95	96
	Min	52	47	50	47	42	47	57	52	38	59	54	48	49
	Ave	73	71	75	74	71	74	79	72	65	75	77	72	73
Samtse, Sipsu	Max	93	94	100	100	100	100	100	91	91	91	100	95	96
	Min	52	47	50	47	42	47	57	52	38	59	54	48	49
	Ave	73	71	75	74	71	74	79	72	65	75	77	72	73
Sarpang, Bhur	Max	93	94	100	100	100	100	100	91	91	91	100	95	96
	Min	52	47	50	47	42	47	57	52	38	59	54	48	49
	Ave	73	71	75	74	71	74	79	72	65	75	77	72	73
Thimphu, Simtokha	Max	93	94	100	100	100	100	100	91	91	91	100	95	96
	Min	52	47	50	47	42	47	57	52	38	59	54	48	49
	Ave	73	71	75	74	71	74	79	72	65	75	77	72	73

cont...

Table 6.7 cont...

Dzongkhag/Station	Humidity	(Degree Celsius)												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average Humidity
Trashigang, Kanglung	Max	93	94	100	100	100	100	100	91	91	91	100	95	96
	Min	52	47	50	47	42	47	57	52	38	59	54	48	49
	Ave	73	71	75	74	71	74	79	72	65	75	77	72	73
Trashhi Yangtse	Max	93	94	100	100	100	100	100	91	91	91	100	95	96
	Min	52	47	50	47	42	47	57	52	38	59	54	48	49
	Ave	73	71	75	74	71	74	79	72	65	75	77	72	73
Trongsa	Max	93	94	100	100	100	100	100	91	91	91	100	95	96
	Min	52	47	50	47	42	47	57	52	38	59	54	48	49
	Ave	73	71	75	74	71	74	79	72	65	75	77	72	73
Tsirang, Damphu	Max	93	94	100	100	100	100	100	91	91	91	100	95	96
	Min	52	47	50	47	42	47	57	52	38	59	54	48	49
	Ave	73	71	75	74	71	74	79	72	65	75	77	72	73
Wangdue Phodrang, (RNRRC)	Max	93	94	100	100	100	100	100	91	91	91	100	95	96
	Min	52	47	50	47	42	47	57	52	38	59	54	48	49
	Ave	73	71	75	74	71	74	79	72	65	75	77	72	73
Zhengang	Max	93	94	100	100	100	100	100	91	91	91	100	95	96
	Min	52	47	50	47	42	47	57	52	38	59	54	48	49
	Ave	73	71	75	74	71	74	79	72	65	75	77	72	73

Source : Weather and Climate Services Division, National Center for Hydrology and Meteorology, MoEA, Thimphu.

Table 6.8: Details of Protected Areas by Year of Establishment, Area and Dzongkhags Coverage, 2018

Name of Area	Year of Establishment	Area (Sq. km)	Dzongkhags
(A) National Parks			
Wangchuck Centenial National Park	2008	4,914.00	Gasa, Wangdue, Bumthang, Trongsa & Lhuentse
Jigme Dorji National Park	1995	4,316.00	Punakha, Gasa, Thimphu & Paro
Jigme Singye Wangchuck National Park	1995	1,730.00	Trongsa, Wangdue, Sarpang, Tsirang & Zhemgang
Royal Manas National Park	1966	1,057.00	Sarpang & Zhemgang
Phrumsengla National Park	2000	905.05	Bumthang, Lhuntse, Mongar & Zhemgang
(B) Wildlife Sanctuaries			
Bomdeling Wildlife Sanctuary	1998	1,520.61	Trashiyangtse, Lhuntse & Mongar
Sakteng Wildlife Sanctuary	2003	740.60	Trashigang & Samdrupjongkhar
Phibsoo Wildlife Sanctuary	1993	268.93	Sarpang & Dagana
Jomotshangkha Wildlife Sanctuary	1993	334.73	Samdrupjongkhar
(C) Strict Nature Reserves			
Jigme Khesar Strict Nature Reserve	1993	609.51	Haa
Biological Corridors	2008	3,307.14	Haa, Paro, Thimphu, Punakha, Wangdue, Sarpang, Tsirang, Trongsa, Zhemgang, Bumthang, Mongar, Lhuentse, Trashigang & Samdrupjongkhar
(D) Recreational Park			
Royal Botanical Park	2004	47.00	Thimphu
Total		19,750.57	

Source: Forest Facts and Figures 2019, Department of Forest and Park Services, MoAF

Table 6.9: Wood and Non-Wood Forest Products Supplied by Natural Resources Development Corporation Limited, 2015 - 2019

Product Type	2015	2016	2017	2018	2019
Wood Products					
Logs, Urban/Commercial (cft)	1,903,067.00	1,466,420.00	1,069,722.53	1,169,032.48	1,511,478.88
Logs, Rural (cft)	51,850.00	40,622.93	15,309.29	15,128.03	35,415.93
Logs, Dzongs/Lhakhangs Construction (cft)	...	165,326.21	196,765.57	184,444.02	199,285.46
Swan timber (cft)	...	136,483.54	176,734.09	336,492.15	226,150.33
Poles (cft)	...	56,148.55	...	...	82,397.74
Post (Nos)	...	5,869.83	14,785.00	12,589.00	9,301.00
Hakaries (cft)	...	1,058.89	14,844.04	...	...
Non-Wood Products					
Sand (M3)	330,132.36	433,799.95	501,011.13	452,042.27	478,885.99
Stone (Cft.)	3,008,570.04	5,447,635.11	5,378,333.00	12,359,780.74	25,311,132.94
Stone aggregates from the crushing plant (Cft.)	1,901,010.39	1,582,505.39	1,004,746.00	984,522.38	1,151,067.83
Firewood (M3)	40,490.66	38,184.81	34,452.00	32,949.91	37,537.54
Woodchips (M3)	8,004.91	5,919.29	6,621.76	9,830.15	2,774.45
Briquettes (Kg)	270,910.00	266,580.00	185,340.00	215,040.00	196,290.00

Note: Separate report for poles and hakaries were not maintained. It is part of round timber and therefore added in the urban/commercial logs supply.

Source: Natural Resources Development Corporation Ltd.

Table 6.10: Timber Allotment by Territorial Division under Department of Forest and Park Services, 2015 - 2019

Division Office	2015*		2016*		2017*		2018**		2019**	
	m ³	Royalty (Nu.)	m ³	Royalty (Nu.)	m ³	Royalty (Nu.)	m ³	Royalty (Nu.)	m ³	Royalty (Nu.)
Bumthang	6,755.83	447,130.33	20,348.40	1,784,757.04	31,131.00	...	14,720.00	...	32,362.41	2,312,557.28
Dagana	...	...	27,987.97	472,858.70	17,316.00	...	2,059.00	...	11,863.87	374,402.28
Gedu	7,834.40	470,031.79	21,199.40	856,484.58	23,124.00	...	1,196.00	...	7,890.98	222,258.40
Monggar	6,261.28	208,114.03	19,461.28	541,031.29	19,007.00	...	6,036.00	...	11,575.45	465,748.65
Paro	9,277.02	277,064.00	8,408.65	479,856.85	20,318.00	...	7,928.00	...	11,934.64	1,382,062.59
Pema Gatshel	...	...	...	...	2,389.00	...	1,391.00	...	528.12	18,110.69
Samdrup Jongkhar	3,866.19	415,647.52	3,837.68	515,517.82	1,884.00	...	611.00	...	2,595.50	86,478.19
Santse	6,049.98	800,655.00	3,496.46	477,775.50	8,609.00	...	4,363.00	...	9,771.95	319,658.84
Sarpang	8,540.84	12,143,072.70	3,160.39	332,883.83	6,250.00	...	2,729.00	...	5,728.89	437,451.36
Thimphu	5,494.52	150,483.46	24,732.66	286,533.62	17,393.00	...	5,599.00	...	8,236.80	371,816.35
Trashigang	14,284.67	573,975.29	13,507.82	635,601.92	16,426.00	...	5,391.00	...	15,514.31	587,577.07
Tsirang	6,235.81	330,565.45	15,330.49	314,079.92	10,919.00	...	1,607.00	...	3,168.89	57,364.84
Wangdue Phordang	22,235.67	1,962,275.23	19,911.70	794,775.96	23,960.00	...	10,824.00	...	29,686.88	2,252,054.46
Zhemgang	3,613.53	160,750.85	5,807.49	220,200.69	4,991.00	...	1,650.00	...	3,668.51	226,045.73
Total	100,449.74	17,939,765.65	187,190.39	7,712,357.72	203,717.00	...	66,104.00	...	154,527.20	9,113,586.73

Note: * includes Rural and commercial allotment of standing volume timber and other volume.

** Includes rural and commercial allotment of standing volume timber

Source: Forest Facts and Figures 2019, Dept. of Forest and Park Services (DoFPS), MoAF

Table 6.11: Timber Allotment by Parks and Wildlife Sanctuary under Department of Forest and Park Services, 2015 - 2019

Park Office	2015*		2016*		2017*		2018**		2019**	
	m ³	Royalty (Nu.)	m ³	Royalty (Nu.)	m ³	Royalty (Nu.)	m ³	Royalty (Nu.)	m ³	Royalty (Nu.)
Bumdeling Wildlife Sanctuary	11,621.42	176,582.00	2,262.74	104,566.56	4,709.00	...	1,879.00	...	5,916.24	217,431.78
Jigme Dorji National Park	3,321.45	242,114.15	3,566.23	342,153.82	5,463.00	...	4,412.00	...	16,218.21	1,717,904.15
Jigme Khesar Strict Nature Reserve	...	...	...	...	...	...	...	...	5,393.61	94,319.39
Jigme Singye Wangchuck National Park	972.75	54,896.00	2,299.64	75,677.00	2,774.00	...	768.00	...	931.32	31,666.03
Jomotsangkha Wildlife Sanctuary	...	...	...	...	805.00	...	3,728.00	...	2,455.85	76,058.69
Phibsoo Wildlife Sanctuary	...	...	111.90	10,016.00	226.00	...	816.00	...	359.50	38,379.69
Phrumsengla National Park	4,844.13	288,891.24	17,827.20	371,689.78	6,056.00	...	3,537.00	...	7,559.71	2,094,537.65
Royal Manas National Park	470.97	23,522.00	714.24	55,080.00	1,033.00	...	569.00	...	728.20	41,224.86
Sakteng Wildlife Sanctuary	3,543.01	240,288.23	23,902.60	225,839.50	15,347.00	...	3,979.00	...	...	...
Wangchuck Centennial National Park	4,571.53	138,254.50	1,491.82	48,116.00	4,101.00	...	1,714.00	...	...	...
Total	29,345.25	1,164,548.12	52,176.37	1,233,138.66	40,514.00	...	21,402.00	-	39,562.64	4,311,522.24

*Note: * includes Rural and commercial allotment of standing volume timber and other volume.*

*** Includes rural and commercial allotment of standing volume timber*

Source: Forest Facts and Figures 2019, Department of Forest and Park Services, MoAF

Table 6.12: Non-Wood Forest Products Supplied and Revenue Generated Through Royalty by Department of Forest and Park Services, 2019

Product Type	Unit	Quantity	Royalty Realized (Nu.)
Banana Leaves	Bundle	100	400.00
	Number	120	650.00
Calamus sp.	Number	120	120.00
	Bundle	782	2,942.00
	Truckload	3	1,240.00
Charcoal	Kilogram	7,300	1,476.00
Soil	Truckload	1,223	100,694.50
	Kilogram	1,700	3,400.00
Cymbidium sp. (Olatshey)	Bundle	6	240.00
Daphne sp. (Bark)	Kilogram	5,885	5,531.00
Hippophae rhamnoides (Tarbu)	Kilogram	1,100	4,400.00
Edgeworthia sp. (Bark)	Kilogram	1,000	600.00
Diplazium spp. (Fern top)	Truckload	2	140.00
Bamboo	Number	125,963	114,803.50
	Truckload	1,573	14,670.00
Lemon grass	Litre	560	2,800.00
Mushroom	Number	7,250	7,250.00
	Kilogram	52,875	106,950.00
Knema sp.	Kilogram	100	500.00
Nardostachys jatamansi (Pangpoe)	Kilogram	64,275	128,550.00
Ophiocordyceps sinensis (Yartsa Goenbub)	Kilogram	1,342	1,269,240.00
Paris polyphylla (Satuva)	Kilogram	535	8,215.00
Rhododendron sp.	Kilogram	3,081	6,241.00
Rubia cordifolia (Tseod)	Kilogram	24,524	377,504.00
River bed materials	Truckload	92,221	3,679,040.00
Pouzolzia sp.	Kilogram	8,962	17,924.00
Phyllanthus emblica (Amala)	Kilogram	3	15.00
Picrorhiza sp. (Puti-shing)	Kilogram	10	120.00
Quartzite	Truckload	6	240.00
Resin	Kilogram	6,464	25,856.00
Piper longum (Pipla)	Kilogram	600	12,000.00
Pine needles	Truckload	38	1,397.00
	Bundle	72	76.00

Source: Forest Facts and Figures 2019, Department of Forest and Park Services, MoAF

Table 6.13: Mineral Production by Type, 2015 - 2019

(Metric tonnes)

Minerals	2015	2016	2017	2018	2019
Dolomite	2,662,309.7	2,367,659.0	2,536,693.3	2,821,166.4	3,027,517.7
Calc Tufa	...	...	...	12,323.8	22,079.1
Coal	85,164.5	117,783.0	161,526.7	186,823.8	184,784.5
Granite	3,889.0	...	26,364.0	6,079.8	3,391.3
Gypsum	389,364.8	317,597.0	328,128.0	461,128.1	490,595.5
Iron Ore	43,202.0	28,065.0	32,974.4	37,843.1	36,864.2
Lime stone	850,431.2	1,257,101.0	1,235,161.7	1,344,037.9	1,546,302.1
Marble	97,647.8	75,031.0	96,567.1	188,900.5	94,318.3
Phyllite	40,417.3	41,800.0	61,910.3	53,188.5	78,246.4
Quartzite	79,818.5	92,770.0	175,501.1	145,713.9	141,065.9
Stone	2,203,065.4	3,414,215.0	3,828,254.0	3,730,975.4	3,325,418.6
Talc	5,807.3	2,261.0	1,293.2	2,042.5	1,374.8

Source: Department of Geology and Mines, MoEA, Thimphu.

Table 6.14: Mineral Production by Type and Use, 2015 - 2019

(Metric tonnes)

Minerals	2015			2016			2017			2018			2019		
	Export	Domestic Use	Total	Export	Domestic Use	Total	Export	Domestic Use	Total	Export	Domestic Use	Total	Export	Domestic Use	Total
Dolomite	2,495,580	166,730	2,662,310	2,283,725	83,934	2,367,659	2,546,210	46	2,546,256	2,816,806	4,361	2,821,166	3,027,518	0	3,027,518
Calc Tufa	...	...	...	...	...	...	...	...	...	...	12,324	12,324	0	22,079	22,079
Coal mines	5,403	79,762	85,164	...	117,783	117,783	18,931	142,596	161,527	26,916	159,908	186,824	25,610	159,174	184,784
Granite	-	63,438	63,438	...	96,827	96,827	...	26,423	26,423	...	...	...	0	3,391	3,391
Gypsum	343,684	45,681	389,365	241,650	75,948	317,597	269,385	58,743	328,128	377,197	83,932	461,128	417,159	73,437	490,596
Iron Ore	...	43,202	43,202	...	28,065	28,065	...	32,974	32,974	...	37,843	37,843	0	36,864	36,864
Lime stone	24,579	825,853	850,431	1,244,999	12,102	1,257,101	40,121	1,195,041	1,235,162	53,345	1,290,693	1,344,038	245,946	1,300,356	1,546,302
Marble	14,543	83,105	97,648	36,358	38,674	75,031	75,655	20,912	96,567	152,585	36,315	188,901	92,331	1,988	94,318
Phyllite	36,592	3,826	40,417	2,615	39,185	41,800	771	61,139	61,910	91	53,098	53,189	662	77,584	78,246
Quartzite	2,120	77,699	79,818	2,745	90,025	92,770	...	175,501	175,501	...	145,714	145,714	0	141,066	141,066
Stone	104,482	2,098,584	2,203,065	553,639	2,860,576	3,414,215	299,369	3,528,885	3,828,254	624,125	3,106,850	3,730,975	874,184	2,451,235	3,325,419
Talc	3,470	2,338	5,807	...	2,261	2,261	1,293	...	1,293	1,389	653	2,042	1,375	0	1,375

Source: Department of Geology and Mines, MoEA, Thimphu.

Table 6.15: Dzongkhag wise Community Forestry number and Area coverage, 2015 - 2019

Dzongkhag	2014/2015		2016		2017		2018		2019	
	No of CF	Area (ha)	No of CF	Area (ha)	No of CF	Area (ha)	No of CF	Area (ha)	No of CF	Area (ha)
Bumthang	27	2,865.77	30	3,078.85	33	3,399.85	33	3,399.85	35	3,723.10
Chhukha	43	2,912.84	46	3,221.02	56	3,970.02	60	4,254.74	61	4,302.74
Dagana	23	1,776.84	25	843.26	27	2,278.02	27	2,278.02	28	2,423.02
Gasa	7	452.46	7	452.46	7	452.46	7	452.46	7	452.46
Haa	17	1,648.80	18	1,696.80	18	1,696.80	18	1,696.80	19	1,839.73
Lhuntse	23	1,608.00	23	1,608.00	31	2,744.54	37	3,391.16	37	3,475.36
Monggar	30	6,518.90	30	6,518.90	32	7,594.35	34	9,390.37	34	9,390.37
Paro	25	3,970.23	26	4,217.74	27	4,387.72	29	4,627.98	30	4,842.92
Punakha	39	3,392.04	39	2,623.44	47	4,014.34	56	5,105.16	56	5,105.16
Pema Gatshel	43	3,724.18	43	3,724.18	39	3,623.44	40	3,826.45	43	4,481.89
Samdrup Jongkhar	40	5,183.41	41	5,274.96	48	6,294.57	50	6,660.07	50	6,722.45
Sarpang	29	2,463.32	31	3,163.65	52	4,739.73	57	5,358.49	62	6,607.00
Samtse	49	4,198.03	50	4,556.03	32	3,306.85	33	3,430.45	34	4,052.68
Thimphu	21	2,749.77	21	2,749.77	21	2,749.77	21	2,856.51	22	2,912.49
Trashigang	50	9,228.66	50	9,228.66	53	9,923.07	54	10,457.96	54	10,457.96
Trashig Yangtse	25	2,784.26	29	3,371.97	30	3,516.77	32	4,273.12	33	4,538.31
Tsirang	37	5,735.63	38	5,766.24	29	3,063.74	30	3,175.81	30	3,568.70
Trongsa	26	2,728.88	27	2,764.08	43	6,512.12	48	7,766.79	49	9,240.67
Wangdue Phodrang	67	4,980.70	78	5,859.67	82	6,146.79	85	6,906.40	89	6,999.40
Zhemgang	24	2,595.27	25	2,671.05	26	2,800.23	26	2,855.97	31	4,009.60
Total	645	71,517.99	677	73,390.73	733	83,215.17	777	92,164.55	804	99,146.00

Source: Forest Facts and Figures 2019, Department of Forest and Park Services, MoAF

Table 6.16: Dzongkhag Wise Forest Fire Cases and Area Burnt, 2015-2019

Dzongkhag	2014-2015		2016		2017		2018		2019	
	No. of cases	Area burnt (Acres)	No. of cases	Area burnt (Acres)	No. of cases	Area burnt (Acres)	No. of cases	Area burnt (Acres)	No. of cases	Area burnt (Acres)
Bumthang	...	...	1	4	...	...	3	7	2	3
Chhukha	1	31	1	2	1	105	...	...	...	...
Dagana	...	...	...	...	1	443	1	12	...	...
Gasa	...	...	...	...	...	...	1	514	...	...
Haa	...	...	3	86	...	...	...	...	1	1
Lhuntse	2	55	6	1,169	3	42	2	1,240	1	26
Monggar	5	1,820	6	3,805	8	2,383	6	2,963	5	1,549
Paro	1	100	5	1,070	3	34	6	12	...	...
Punakha	1	36	7	911	4	562	...	...	5	128
Pema Gatsel	2	4,150	...	...	...	...	3	17	...	...
Samdrup Jongkhar	...	...	1	45	1	121	...	...	...	...
Sarpang	...	...	1	11	...	...	...	...	3	11
Samtse	1	134	...	...	...	...	...	...	2	32
Thimphu	5	173	21	1,903	4	57	4	109	2	707
Trashigang	3	164	3	1,644	4	597	3	734	8	981
Trash Yangtse	3	2,725	...	...	2	904	...	...	...	-
Tsirang	3	5,966	3	58	...	...	...	...	1	1
Trongsa	1	...	...	...	...	...	...	...	1	1
Wangdue Phodrang	5	23	11	9,751	...	...	14	2,466	8	68
Zhemgang	...	...	3	600	...	...	...	...	1	16
Total	33	15,376	72	21,058	31	5,249	43	8,075	40	3,525

Source: Forest Facts and Figures 2019, Department of Forest and Park Services, MoAF

Table 6.17: Aggregated Geen Houese Gas Emissions and Removals by Sectors in Gg CO2e, 1994 - 2015

Year/Sector	Energy	Industrial Process and Product Use	Waste	Agriculture, Forestry & Other Land Use	Sink Capacity	Net Emission
1994	93.6	166.931	55.78	1,411.43	-8,975.94	-7,248.19
1995	121.042	181.007	63.898	3,093.39	-9,006.66	-5,547.32
1996	131.533	166.513	60.347	2,880.91	-9,037.38	-5,798.08
1997	112.183	218.58	63.21	2,744.64	-9,068.11	-5,929.49
1998	124.84	197.451	66.099	2,072.88	-9,098.83	-6,637.56
1999	259.125	240.831	69.018	3,290.84	-9,129.56	-5,269.74
2000	259.125	220.446	67.937	3,231.77	-9,160.28	-5,381.01
2001	290.177	250.321	70.807	2,457.52	-9,170.23	-6,101.40
2002	303.139	261.398	73.719	1,848.40	-9,180.17	-6,693.51
2003	381.277	252.385	78.924	1,206.83	-9,190.11	-7,270.69
2004	411.432	242.07	79.164	1,020.96	-9,200.05	-7,446.42
2005	357.259	258.983	80.915	1,540.91	-9,209.99	-6,971.93
2006	332.83	293.282	69.192	2,389.42	-9,219.93	-6,135.21
2007	386.311	419.053	71.011	5,123.38	-9,229.87	-3,230.11
2008	368.122	465.964	72.887	1,769.88	-9,239.82	-6,562.96
2009	386.918	459.308	74.755	1,329.96	-9,249.76	-6,998.82
2010	468.633	497.134	87.752	1,750.81	-9,259.70	-6,455.37
2011	519.396	475.915	89.457	1,862.86	-9,285.08	-6,337.45
2012	588.626	482.842	113.764	1,841.37	-9,310.46	-6,283.86
2013	620.389	596.333	117.82	1,886.51	-9,335.84	-6,114.79
2014	689.202	660.419	122.062	4,295.19	-9,361.22	-3,594.35
2015	707.917	796.423	126.506	2,183.25	-9,386.60	-5,572.50

Note: Unit conversion 1 Gg = 1000 tonnes. "IPPU" referes to Industrial Process and Product Use

Source: National Greenhouse Gas Inventory, National Enviroment Commission

Table 6.18: Ambient Air Quality Criteria, Environmental Standards, 2020

Parameters	Average	Unit	Industrial Area	Mixed Area	Sensitive Area
Total suspended particulate matter	24-hour average	µg/m ³	500	200.00	100.00
	Yearly average	µg/m ³	360	140.00	70.00
PM 2.5	24-hour average	µg/m ³	60	60.00	60.00
	Yearly average	µg/m ³	40	40.00	40.00
PM 10	24-hour average	µg/m ³	200	100.00	75.00
	Yearly average	µg/m ³	120	60.00	50.00
Sulphur Dioxide (SO ₂)	24-hour average	µg/m ³	120	80.00	30.00
	Yearly average	µg/m ³	80	60.00	15.00
Nitrogen Oxides (NO _x)	24-hour average	µg/m ³	120	80.00	30.00
	Yearly average	µg/m ³	80	60.00	15.00
Carbon Monoxide (CO)	8-hour average	µg/m ³	5000	2,000.00	1,000.00
	1-hour average	µg/m ³	10000	4,000.00	2,000.00
Ozone	8-hour average	µg/m ³	100	100.00	100.00
	1-hour average	µg/m ³	180	180.00	180.00

Note: Mixed Area means area where residential, commercial or both activities take place and Sensitive Area means area where sensitive targets are in place like hospitals, schools, and sensitive ecosystems

Source: National Environment Commission

Table 6.19: Annual average of the State of Air Quality by Station, 2017 - 2019

Air quality parameters/Station	2017	2018	2019
Total suspended particulate matter (PM10)			
Thai Pavilion (Thimphu)	36.86	23.57	24.03
Rinchending (Phuentsholing)	...	40.48	46.30
Pasakha (Phuentsholing)	...	...	168.17
Deothang	...	...	63.26
Total suspended particulate matter (PM2.5)			
Thai Pavilion (Thimphu)	22.44	15.92	16.95
Rinchending (Phuentsholing)	...	24.15	30.08
Sulphur Dioxide (SO₂)			
Thai Pavilion (Thimphu)	0.20	0.32	0.49
Nitrogen Oxides (NO_x)			
Thai Pavilion (Thimphu)	5.06	6.76	16.93

Source: National Environment Commission

Industries cover the whole range of industrial activities carried out by businesses in all fields including mining, manufacturing, wholesale and retail trade, and other service industries. In Bhutan, the industrial sector has until recently played a relatively small role in the economy.

The mining industry in Bhutan is as yet relatively undeveloped. The kingdom has significant deposits of a number of mineral resources, including limestone, coal, graphite, gypsum, slate and dolomite. Most mining activities are limited to relatively small operations, mainly involved in the mining of dolomite, gypsum, limestone, slate, coal, marbles, quartzite and talc

The manufacturing industry is dominated by a small number of major operators such as the Penden Cement Authority Ltd., the Bhutan Board Products Ltd., Bhutan Carbide and Chemicals Ltd., the Bhutan Ferro Alloys Ltd. and Bhutan Agro Industries Ltd. Besides these, there are a number of other small manufacturing plants concentrated in the food processing activities. Cottage industry also plays a prominent role with its good timber resources and favorable agricultural conditions.

As the industrial sector grows in Bhutan, statistics on industry will become increasingly important. The Department of Industry keeps a record of all industrial licenses and activities. Besides, Censuses of Manufacturing Industries conducted at regular intervals viz. Industrial Census of 1998 and 2001 have been the source of important information on Industries. For example, information on the number of industries in operation, types of industries, and employment in industries etc. presented in this chapter is the results from those Censuses. Most of the existing industrial establishments are small scale or cottage industries.

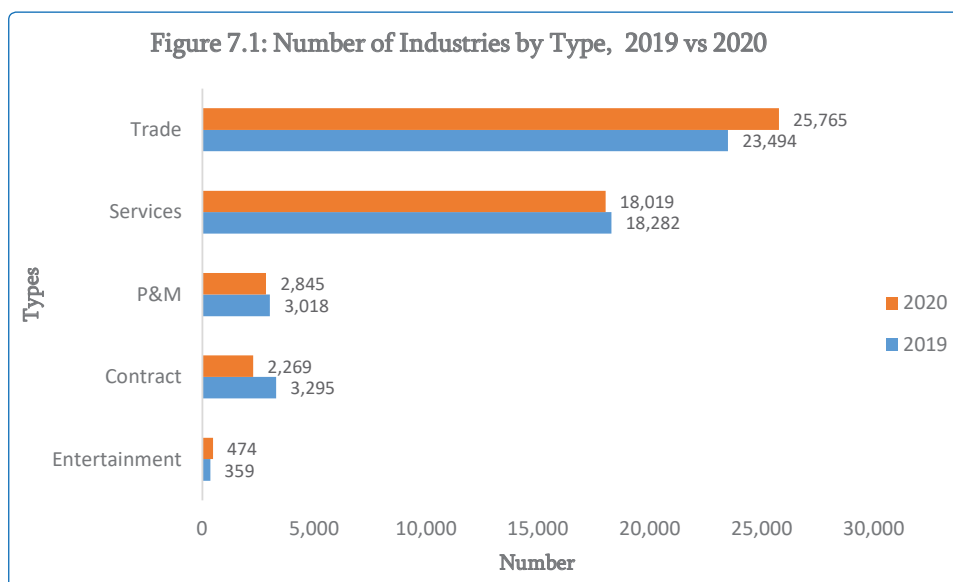


Table 7.1: Number of Industries by Ownership, Size and Type, June 2016 - June 2020

Industrial Establishments	As of June 2016	As of June 2017	As of June 2018	As of June 2019	As of June 2020
Ownership	16,986	20,093	22,437	24,595	23,133
Sole Proprietorship	16,202	19,166	21,372	23,372	22,086
Partnership	158	182	244	302	295
Company	589	697	749	843	685
Others	37	48	72	78	67
Size	17,004	20,093	22,437	24,595	23,133
Production & Manufacturing	1,648	2,125	2,539	3,018	2,845
Large scale	93	114	111	127	124
Medium scale	151	196	202	231	137
Small scale	365	470	600	778	794
Cottage scale	1,039	1,345	1,626	1,882	1,790
Services	12,221	14,528	16,446	18,282	18,019
Large scale	99	101	122	150	135
Medium scale	218	297	323	388	306
Small scale	1,224	1,472	1,810	1,773	1,923
Cottage scale	10,680	12,658	14,191	15,971	15,655
Contract	3,135	3,440	3,452	3,295	2,269
Large scale	231	270	261	275	114
Medium scale	1,038	1,083	1,020	1,096	276
Small scale	1,866	2,087	2,171	1,924	1,879
Type	17,004	20,093	22,437	24,595	23,133
Production & Manufacturing	1,648	2,125	2,539	3,018	2,845
Contract	3,135	3,440	3,452	3,295	2,269
Services	12,221	14,528	16,446	18,282	18,019

Note: The data for June 2020 is on the operational/active licenses. The previous years data contains a mix of licenses issued and operational/active licenses which will be updated in the next publication of the SYB.

Source: Department of Industry and Department of Cottage & Small Industry, MoEA.

Table 7.2: Number of Large and Medium Industrial Establishments by Sector, June 2016 - June 2020

Sector	As of June 2016	As of June 2017	As of June 2018	As of June 2019	As of June 2020
Production & manufacturing	244	310	313	358	261
New Licenses registration	17	34	3	44	16
Existing Licenses in operation	227	276	310	314	245
Services	317	398	445	538	441
New Licenses registration	30	27	47	93	36
Existing Licenses in operation	287	371	398	445	405
Contract	1,269	1,353	1,281	1,371	390
New Licenses registration	11	12	26	90	12
Existing Licenses in operation	1,258	1,341	1,255	1,281	378
All sectors	1,830	2,061	2,039	2,267	1,092

Note: The data for June 2020 is on the operational/active licenses. The previous years data contains a mix of licenses issued and operational/active licenses which will be updated in the next publication of the SYB.

Source: Department of Industry, MoEA

Table 7.3: Number of Cottage and Small Industrial Establishments by Sector, June 2016 - June 2020

Sector	As of June 2016	As of June 2017	As of June 2018	As of June 2019	As of June 2020
Production & manufacturing	1,404	1,815	2,226	2,660	2,584
New Licenses registration	127	411	511	579	76
Existing Licenses in operation	1,277	1,404	1,715	2,081	2,508
Services	11,904	14,130	16,001	17,385	17,104
New Licenses registration	1,145	2,226	2,646	3,314	281
Existing Licenses in operation	10,759	11,904	13,355	14,071	16,823
Contract	1,866	2,087	2,171	1,924	1,879
New Licenses registration	73	221	292	214	45
Existing Licenses in operation	1,793	1,866	1,879	1,710	1,834
Entertainment	412	440	400	359	474
New Licenses registration	83	34	42	97	115
Existing Licenses in operation	329	406	358	262	359
All sectors	15,586	18,472	20,798	22,328	22,041

Source: Department of Cottage & Small Industry, MoEA

Table 7.4: Number of Trade Licenses by categories, June 2016 - June 2020

License Category	As of June 2016	As of June 2017	As of June 2018	As of June 2019	As of June 2020
MTRC	7,768	8,861	11,562	13,544	14,662
New Licenses registration	2,517	1,805	2,452	2,342	1,768
Existing Licenses in operation	5,251	7,056	9,110	11,202	12,894
Total number of licenses issued	24,493	32,147	34,599	36,941	38,709
Retail Trade	5,297	5,611	6,924	9,048	10,184
New Licenses registration	1,504	1,258	1,638	2,012	1,602
Existing Licenses in operation	3,793	4,353	5,286	7,036	8,582
Total number of licenses issued	16,480	17,738	19,376	21,388	22,990
Wholesale Trade	533	649	711	902	919
New Licenses registration	160	175	141	176	97
Existing Licenses in operation	373	474	570	726	822
Total number of licenses issued	1,174	1,349	1,490	1,666	1,763
All sectors	13,598	15,121	19,197	23,494	25,765

Note: MTRC means Micro Trade Registration Certificate

Source: Department of Trade, MoEA

**Table 7.5: Number of Lincensed Firms in Medium & Large Industry by Ownership,
June 2016 - June 2020**

Year	Ownership	Production & Manufacturing	Services	Contract	Total
As of June 2020	Sole Proprietorship	95	290	243	628
	Partnership	18	26	0	44
	Company	145	122	147	414
	Other	3	3	0	6
As of June 2019	Sole Proprietorship	151	373	1,123	1,647
	Partnership	20	19	0	39
	Company	184	142	241	567
	Other	3	4	7	14
As of June 2018	Sole Proprietorship	135	294	1,056	1,485
	Partnership	18	12	0	30
	Company	159	134	218	511
	Other	2	4	7	13
As of June 2017	Sole Proprietorship	137	266	1,145	1,548
	Partnership	16	7	0	23
	Company	157	125	208	490
	Other	0	0	...	0
As of June 2016	Sole Proprietorship	105	188	1,093	1,386
	Partnership	12	18	3	33
	Company	127	111	173	411
	Other	0	0	...	0

Note: The data for June 2020 is on the operational/active licenses. The previous years data contains a mix of licenses issued and operational/active licenses which will be updated in the next publication of the SYB.

Source: Department of Industry, MoEA

**Table 7.6: Number of Licensed Firms in Cottage and Small Industry by Ownership,
June 2016 - June 2020**

Year	Ownership	Production & Manufacturing	Services	Contract	Total
As of June 2020	Sole Proprietorship	2,455	17,145	1,858	21,458
	Partnership	54	197	0	251
	Company	46	204	21	271
	Others	29	32	0	61
As of June 2019	Sole Proprietorship	2,537	17,291	1,897	21,725
	Partnership	59	204	0	263
	Company	38	211	27	276
	Others	26	38	0	64
As of June 2018	Sole Proprietorship	2,121	15,627	2,139	19,887
	Partnership	46	168	0	214
	Company	39	167	32	238
	Others	20	39	0	59
As of June 2017	Sole Proprietorship	1,735	13,826	2,057	17,618
	Partnership	31	127	1	159
	Company	35	143	29	207
	Others	14	34	...	48
As of June 2016	Sole Proprietorship	1,343	11,652	1,839	14,834
	Partnership	23	101	1	125
	Company	26	126	26	178
	Others	12	25	...	37

Source: Department of Cottage & Small Industry, MoEA

**Table 7.7 Number of Production & Manufacturing Firms by Size & Dzongkhag,
June 2016 - June 2020**

Dzongkhag	As of June 2016				Total	As of June 2017				Total	
	Cottage	Small	Medium	Large		Cottage	Small	Medium	Large		
Bumthang	55	15	1	0	71	75	16	5	0	96	
Chhukha	35	40	65	53	193	62	39	69	57	227	
Dagana	6	3	2	1	12	15	6	2	1	24	
Gasa	0	1	0	0	1	1	2	0	0	3	
Haa	29	7	0	0	36	35	15	0	0	50	
Lhuentse	11	3	0	0	14	18	3	0	0	21	
Monggar	34	7	5	2	48	54	10	5	4	73	
Paro	111	31	6	1	149	139	39	13	1	192	
Pema Gatshel	22	5	6	4	37	35	22	6	9	72	
Punakha	15	4	0	0	19	21	5	1	0	27	
Samdrup Jongkhar	41	12	9	2	64	47	18	6	8	79	
Samtse	28	15	19	11	73	40	23	26	13	102	
Sarpang	40	29	3	7	79	64	18	5	7	94	
Thimphu	141	83	20	5	249	193	90	31	6	320	
Trashigang	52	4	1	0	57	91	10	2	0	103	
Trongsa	9	2	2	2	15	17	3	4	2	26	
Tsirang	11	3	0	0	14	11	10	3	0	24	
Wangdue Phodrang	17	10	9	5	41	22	17	15	6	60	
Zhemgang	24	4	1	0	29	39	6	1	0	46	
Bhutan	733	280	151	93	1,257	1,039	365	196	114	1,714	

Note: The data for June 2020 is on the operational/active licenses. The previous years data contains a mix of licenses issued and operational/active licenses which will be updated in the next publication of the SYB.

Source: Department of Industry, Department of Cottage & Small Industry, MoEA

	As of June 2018				Total	As of June 2019				Total	As of June 2020				Total
	Cottage	Small	Medium	Large		Cottage	Small	Medium	Large		Cottage	Small	Medium	Large	
	90	37	5	0	132	94	42	4	0	140	89	38	1	0	128
	89	69	75	55	288	91	102	82	60	335	80	100	19	71	270
	23	17	3	1	44	40	21	3	1	65	47	18	2	1	68
	7	2	0	0	9	8	2	0	0	10	3	2	0	0	5
		20	0	0	20	59	22	0	0	81	53	19	0	0	72
	23	7	0	0	30	27	4	0	0	31	27	4	0	0	31
	75	12	5	4	96	81	17	6	4	108	71	20	5	3	99
	206	62	15	1	284	233	77	17	2	329	207	81	8	1	297
	48	15	7	7	77	49	17	7	8	81	42	15	3	6	66
	35	11	1	0	47	43	16	2	0	61	44	21	3	0	68
	63	34	5	11	113	72	36	8	13	129	65	36	11	11	123
	83	26	30	13	152	103	35	36	16	190	89	36	30	17	172
	92	53	6	7	158	100	89	8	9	206	113	107	8	7	235
	388	159	29	4	580	459	216	35	6	716	446	219	28	5	698
	118	5	2	0	125	118	3	2	0	123	123	18	2	0	143
	97	18	2	0	117	122	19	2	0	143	120	3	3	0	126
	24	7	3	2	36	22	9	3	2	36	20	7	2	1	30
	34	17	1	0	52	49	17	1	0	67	56	13	1	0	70
	39	22	13	5	79	53	26	15	5	99	43	25	11	1	80
	50	7	0	1	58	59	8	0	1	68	52	12	0	0	64
	1,584	600	202	111	2,497	1,882	778	231	127	3,018	1,790	794	137	124	2,845

Table 7.8: Number of Services by Size and Dzongkhag, June 2016 - June 2020

Dzongkhag	As of June 2016				All Types (Total)	As of June 2017				All Types (Total)	
	Cottage	Small	Medium	Large		Cottage	Small	Medium	Large		
Bumthang	307	41	12	3	363	380	39	16	2	437	
Chhukha	1120	120	11	11	1,262	1,405	111	21	14	1,551	
Dagana	228	10	1	0	239	246	9	1	0	256	
Gasa	55	0	0	0	55	61	6	0	0	67	
Haa	87	6	2	0	95	98	21	3	0	122	
Lhuentse	127	8	0	0	135	140	9	0	0	149	
Monggar	452	24	4	0	480	531	30	5	0	566	
Paro	536	46	37	11	630	662	105	42	11	820	
Pema Gatshel	314	16	0	3	333	351	38	0	3	392	
Punakha	236	14	12	7	269	285	27	15	8	335	
Samdrup Jongkhar	375	54	7	1	437	401	75	8	0	484	
Samtse	437	16	1	1	455	547	15	2	1	565	
Sarpang	589	35	7	4	635	673	29	11	4	717	
Thimphu	2298	295	101	53	2,747	3,324	562	145	53	4,084	
Trashy Yangtse	299	15	3	1	318	142	9	5	1	157	
Trashigang	123	2	0	0	125	359	22	1	0	382	
Trongsa	201	6	5	0	212	257	11	7	0	275	
Tsirang	160	7	2	0	169	157	30	2	0	189	
Wangdue Phodrang	337	30	12	4	383	420	74	12	4	510	
Zhemgang	199	5	1	0	205	241	2	1	0	244	
Bhutan	8480	750	218	99	9,547	10,680	1,224	297	101	12,302	

Note: The data for June 2020 is on the operational/active licenses. The previous years data contains a mix of licenses issued and operational/active licenses which will be updated in the next publication of the SYB.

Source: Department of Industry, Department of Cottage & Small Industry, MoEA.

	As of June 2018				All Types (Total)	As of June 2019				All Types (Total)	As of June 2020				All Types (Total)
	Cottage	Small	Medium	Large		Cottage	Small	Medium	Large		Cottage	Small	Medium	Large	
	437	48	16	3	504	473	64	14	3	554	464	68	9	3	544
	1,769	199	25	11	2,004	1,938	222	29	11	2,200	1859	234	22	6	2,121
	302	25	1	0	328	322	19	1	0	342	322	21	0	0	343
	74	1	0	0	75	74	0	0	0	74	68	1	0	0	69
	119	21	4	0	144	147	12	4	0	163	159	15	6	0	180
	148	14	0	0	162	166	9	0	0	175	173	10	0	0	183
	589	42	5	0	636	608	46	5	0	659	604	59	3	0	666
	950	142	50	14	1,156	1,165	126	71	20	1,382	1162	147	70	20	1,399
	396	62	0	4	462	435	43	0	3	481	432	39	2	0	473
	391	39	19	9	458	457	44	20	9	530	469	54	19	8	550
	437	154	7	1	599	548	117	7	1	673	562	127	4	1	694
	739	33	2	1	775	779	38	3	1	821	768	50	3	1	822
	888	99	14	4	1,005	987	123	14	4	1,128	967	150	11	1	1,129
	5,003	733	146	66	5,948	5,759	756	184	86	6,785	5522	783	128	83	6,516
	167	13	1	0	181	174	8	1	0	183	475	30	1	0	506
	437	35	4	3	479	466	32	4	4	506	186	6	1	3	196
	315	15	7	0	337	327	18	8	0	353	326	17	6	0	349
	227	25	2	0	254	257	16	2	0	275	257	19	2	0	278
	535	89	19	6	649	616	68	20	8	712	604	75	17	9	705
	276	13	1	0	290	273	12	1	0	286	276	18	2	0	296
	14,199	1,802	323	122	16,446	15,971	1,773	388	150	18,282	15655	1923	306	135	18,019

Table 7.9: Number of contract firm by Size and Dzongkhag, June 2016 - June 2020

Dzongkhag	As of June 2016			All Types (Total)	As of June 2017			All Types (Total)	As of June 2018			All Types (Total)
	Small	Medium	Large		Small	Medium	Large		Small	Medium	Large	
Bumthang	51	10	1	62	67	10	1	78	67	12	1	80
Chhukha	131	28	14	173	151	31	16	198	258	44	18	320
Dagana	46	5	...	51	54	6	...	60	66	7	0	73
Gasa	13	...	...	13	14	...	...	14	16	0	0	16
Haa	56	49	1	106	62	54	1	117	58	48	1	107
Lhuentse	40	10	1	51	43	9	3	55	49	8	4	61
Monggar	77	27	4	108	88	30	6	124	77	31	5	113
Paro	215	81	1	297	225	96	1	322	131	76	2	209
Pena Gatsel	74	14	1	89	75	8	1	84	70	14	1	85
Punakha	55	11	4	70	68	13	4	85	83	13	4	100
Samdrup Jongkhar	73	15	6	94	82	15	21	118	82	19	26	127
Samtse	84	11	...	95	89	11	1	101	95	13	2	110
Sarpang	83	22	18	123	97	22	24	143	120	26	30	176
Thimphu	494	651	167	1,312	556	670	172	1,398	568	596	146	1,310
Trashigang	78	6	4	88	82	9	4	95	78	10	5	93
Trongsa	93	54	6	153	103	49	10	162	102	52	9	163
Tsirang	51	13	...	64	58	12	...	70	63	13	1	77
Wangdue Phodrang	23	2	...	25	25	4	...	29	37	4	0	41
Zhemgang	91	24	2	117	104	26	3	133	101	23	2	126
	38	5	1	44	44	8	2	54	50	11	4	65
Bhutan	1,866	1,038	231	3,135	2,087	1,083	270	3,440	2,171	1,020	261	3,452

cont...

Table 7.9 cont...

Dzongkhag	As of June 2019			All Types (Total)	As of June 2020			All Types (Total)
	Small	Medium	Large		Small	Medium	Large	
Bumthang	56	13	1	70	49	6	2	57
Chhukha	183	40	20	243	176	30	12	218
Dagana	59	8	0	67	64	4	0	68
Gasa	15	0	0	15	17	0	0	17
Haa	49	1	49	99	46	8	0	54
Lhuentse	42	8	5	55	36	6	3	45
Monggar	69	33	5	107	65	15	4	84
Paro	115	92	6	213	111	12	5	128
Pema Gatsel	55	15	2	72	57	11	2	70
Punakha	74	12	5	91	72	5	3	80
Samdrup Jongkhar	90	23	26	139	98	14	8	120
Samtse	87	14	3	104	93	8	3	104
Sarpang	121	34	29	184	124	22	21	167
Thimphu	496	639	151	1,286	467	91	34	592
Trashigang	89	10	5	104	88	7	4	99
Trongsa	68	14	1	83	75	8	1	84
Tsirang	41	4	0	45	47	0	0	47
Wangdue Phodrang	94	24	2	120	74	7	2	83
Zhemgang	53	12	4	69	53	9	3	65
Bhutan	1,924	1,048	323	3,295	1,879	276	114	2,269

Note: The data for June 2020 is on the operational/active licenses. The previous years data contains a mix of licenses issued and operational/active licenses which will be updated in the next publication of the SYB. Criteria for cottage and small for contract firm is same.

Source: Department of Industry, Department of Cottage & Small Industry, MoEA.

Table 7.10: Number of Industries by Type in Cottage and Small by Dzongkhag, June 2016 - June 2020

Dzongkhag	As of June 2016							All Types (Total)
	Production & Manufacturing							
	Agro Based	Forest Based	Mineral Based	Other	Services	Contract	Others	
Bumthang	0	0	1	0	15	11	0	27
Chhukha	30	11	27	50	22	42	0	182
Dagana	0	0	2	1	1	5	0	9
Gasa	0	0	0	0	0	0	0	0
Haa	0	0	0	0	2	50	0	52
Lhuentse	0	0	0	0	0	11	0	11
Monggar	1	0	4	2	4	31	0	42
Paro	1	0	4	2	48	82	0	137
Pema Gatshel	0	0	7	3	3	15	0	28
Punakha	0	0	0	0	19	15	0	34
Samdrup Jongkhar	2	2	6	1	8	21	0	40
Samtse	6	2	17	5	2	11	0	43
Sarpang	5	2	3	0	11	40	0	61
Thimphu	3	4	8	10	154	818	0	997
Trashi Yangtse	0	0	2	0	0	10	0	12
Trashigang	1	0	0	0	4	60	0	65
Trongsa	0	0	3	1	5	13	0	22
Tsirang	0	0	0	0	2	2	0	4
Wangdue Phodrang	1	0	11	2	16	26	0	56
Zhemgang	0	0	1	0	1	6	0	8
Bhutan	50	21	96	77	317	1,269	0	1,830

cont...

Table 7.10 cont...

Dzongkhag	As of June 2017							All Types (Total)
	Production & Manufacturing							
	Agro Based	Forest Based	Mineral Based	Other	Services	Contract	Others	
Bumthang	0	0	1	4	18	11	0	34
Chhukha	32	11	29	54	35	47	0	208
Dagana	0	0	2	1	1	6	0	10
Gasa	0	0	0	0	0	0	0	0
Haa	0	0	0	0	3	55	0	58
Lhuentse	0	0	0	0	0	12	0	12
Monggar	2	0	5	2	5	36	0	50
Paro	5	1	4	4	53	97	0	164
Pema Gatsel	0	0	12	3	3	9	0	27
Punakha	1	0	0	0	23	17	0	41
Samdrup Jongkhar	4	2	6	2	8	36	0	58
Samtse	7	2	23	7	3	12	0	54
Sarpang	6	2	2	2	15	46	0	73
Thimphu	9	7	12	9	198	842	0	1,077
Trashig Yangtse	0	0	2	0	1	13	0	16
Trashigang	1	0	1	0	6	59	0	67
Trongsa	1	0	4	1	7	12	0	25
Tsirang	1	0	2	0	2	4	0	9
Wangdue Phodrang	4	0	14	3	16	29	0	66
Zhemgang	0	0	1	0	1	10	0	12
Bhutan	73	25	120	92	398	1,353	0	2,061

cont...

Table 7.10 cont...

Dzongkhag	As of June 2018						All Types (Total)
	Production & Manufacturing						
	Agro Based	Forest Based	Mineral Based	Other	Services	Contract	
Bumthang	34	69	9	15	485	67	679
Chhukha	61	44	20	33	1,968	258	2,384
Dagana	19	10	10	1	327	66	433
Gasa	8	0	1	0	75	16	100
Haa	8	50	2	0	140	58	258
Lhuentse	12	16	0	2	162	49	241
Monggar	19	47	9	13	631	77	796
Paro	70	144	17	38	1092	131	1,492
Pema Gatshel	19	32	4	8	458	70	591
Punakha	18	21	2	4	430	83	558
Samdrup Jongkhar	17	45	16	19	591	82	770
Samtse	45	30	23	10	772	95	975
Sarpang	64	46	17	16	987	120	1,250
Thimphu	145	146	21	238	5,736	568	6,854
Trashi Yangtse	9	105	3	7	180	78	382
Trashigang	42	42	11	20	472	102	689
Trongsa	14	14	2	1	330	63	424
Tsirang	32	15	3	1	252	37	340
Wangdue Phodrang	18	28	10	5	624	101	786
Zhemgang	18	35	2	2	289	50	396
Bhutan	672	939	182	433	16,001	2,171	20,398

cont...

Table 7.10 cont...

Dzongkhag	As of June 2019						All Types (Total)
	Production & Manufacturing						
	Agro Based	Forest Based	Mineral Based	Other	Services	Contract	
Bumthang	43	71	9	13	537	56	729
Chhukha	77	46	21	49	2,160	183	2,536
Dagana	35	12	9	5	341	59	461
Gasa	8	1	1	0	74	15	99
Haa	24	49	4	4	159	49	289
Lhuentse	14	14	1	2	175	42	248
Monggar	25	50	8	15	654	69	821
Paro	97	150	20	43	1291	115	1,716
Pema Gatsel	20	28	8	10	478	55	599
Punakha	27	21	3	9	501	74	635
Samdrup Jongkhar	23	43	20	22	665	90	863
Samtse	75	24	23	16	817	87	1,042
Sarpang	82	51	23	35	1110	121	1,422
Thimphu	190	143	26	313	6,515	496	7,683
Trashig Yangtse	9	104	2	6	182	68	371
Trashigang	66	45	8	22	498	89	728
Trongsa	14	13	3	1	345	68	444
Tsirang	43	18	4	1	273	41	380
Wangdue Phodrang	28	34	10	7	684	94	857
Zhemgang	27	34	4	2	285	53	405
Bhutan	927	951	207	575	17,744	1,924	22,328

cont...

Table 7.10 cont...

Dzongkhag	As of June 2020							All Types (Total)
	Production & Manufacturing				Services	Contract		
	Agro Based	Forest Based	Mineral Based	Other				
Bumthang	39	72	6	10	532	49	708	
Chhukha	72	41	19	48	2093	176	2,449	
Dagana	39	14	7	5	343	64	472	
Gasa	3	1	1		69	17	91	
Haa	21	42	4	5	174	46	292	
Lhuentse	13	14	1	3	183	36	250	
Monggar	25	47	8	11	663	65	819	
Paro	76	149	18	46	1309	111	1,709	
Pema Gatshel	13	26	8	10	471	57	585	
Punakha	32	22	1	10	523	72	660	
Samdrup Jongkhar	20	40	17	24	689	98	888	
Samtse	64	21	23	17	818	93	1,036	
Sarpang	92	55	27	46	1117	124	1,461	
Thimphu	176	158	9	321	6305	467	7,436	
Trashi Yangtse	68	44	9	20	505	88	734	
Trashigang	9	109	2	3	192	67	382	
Trongsa	8	14	2	3	343	75	445	
Tsirang	45	19	2	3	276	47	392	
Wangdue Phodrang	22	29	8	9	679	74	821	
Zhemgang	29	28	4	3	294	53	411	
Bhutan	866	945	176	597	17,578	1,879	22,041	

Source: Department of Cottage & Small Industry, MoEA.

**Table 7.11: Number of Industries by Type in Medium and Large by Dzongkhag,
June 2016 - June 2020**

Dzongkhag	As of June 2016							All Types (Total)
	Production & Manufacturing							
	Agro Based	Forest Based	Mineral Based	Other	Services	Contract	Others	
Bumthang	0	0	1	0	15	11	0	27
Chhukha	30	11	27	50	22	42	0	182
Dagana	0	0	2	1	1	5	0	9
Gasa	0	0	0	0	0	0	0	0
Haa	0	0	0	0	2	50	0	52
Lhuentse	0	0	0	0	0	11	0	11
Monggar	1	0	4	2	4	31	0	42
Paro	1	0	4	2	48	82	0	137
Pema Gatshel	0	0	7	3	3	15	0	28
Punakha	0	0	0	0	19	15	0	34
Samdrup Jongkhar	2	2	6	1	8	21	0	40
Samtse	6	2	17	5	2	11	0	43
Sarpang	5	2	3	0	11	40	0	61
Thimphu	3	4	8	10	154	818	0	997
Trashhi Yangtse	0	0	2	0	0	10	0	12
Trashigang	1	0	0	0	4	60	0	65
Trongsa	0	0	3	1	5	13	0	22
Tsirang	0	0	0	0	2	2	0	4
Wangdue Phodrang	1	0	11	2	16	26	0	56
Zhemgang	0	0	1	0	1	6	0	8
Bhutan	50	21	96	77	317	1,269	0	1,830

cont...

Table 7.11cont...

Dzongkhag	As of June 2017							All Types (Total)
	Production & Manufacturing							
	Agro Based	Forest Based	Mineral Based	Other	Services	Contract	Others	
Bumthang	0	0	1	4	18	11	0	34
Chhukha	32	11	29	54	35	47	0	208
Dagana	0	0	2	1	1	6	0	10
Gasa	0	0	0	0	0	0	0	0
Haa	0	0	0	0	3	55	0	58
Lhuentse	0	0	0	0	0	12	0	12
Monggar	2	0	5	2	5	36	0	50
Paro	5	1	4	4	53	97	0	164
Pema Gatshel	0	0	12	3	3	9	0	27
Punakha	1	0	0	0	23	17	0	41
Samdrup Jongkhar	4	2	6	2	8	36	0	58
Samtse	7	2	23	7	3	12	0	54
Sarpang	6	2	2	2	15	46	0	73
Thimphu	9	7	12	9	198	842	0	1,077
Trashigang	0	0	2	0	1	13	0	16
Trashigang	1	0	1	0	6	59	0	67
Trongsa	1	0	4	1	7	12	0	25
Tsirang	1	0	2	0	2	4	0	9
Wangdue Phodrang	4	0	14	3	16	29	0	66
Zhemgang	0	0	1	0	1	10	0	12
Bhutan	73	25	120	92	398	1,353	0	2,061

cont...

Table 7.11 cont...

Dzongkhag	As of June 2018							All Types (Total)
	Production & Manufacturing							
	Agro Based	Forest Based	Mineral Based	Other	Services	Contract	Others	
Bumthang	1	0	2	2	19	13	0	37
Chhukha	25	14	14	77	36	62	0	228
Dagana	0	0	3	1	1	7	0	12
Gasa	0	0	0	0	0	0	0	0
Haa	0	0	0	0	4	49	0	53
Lhuentse	0	0	0	0	0	12	0	12
Monggar	2	0	5	2	5	36	0	50
Paro	3	1	5	7	64	78	0	158
Pema Gatshel	0	1	7	6	4	15	0	33
Punakha	0	0	0	1	28	17	0	46
Samdrup Jongkhar	5	0	3	8	8	45	0	69
Samtse	4	2	26	11	3	15	0	61
Sarpang	3	2	1	7	18	56	0	87
Thimphu	5	7	5	16	212	742	0	987
Trashigang	0	0	2	0	1	15	0	18
Trashigang	1	0	1	0	7	61	0	70
Trongsa	0	0	4	1	7	14	0	26
Tsirang	0	0	1	0	2	4	0	7
Wangdue Phodrang	4	0	12	2	25	25	0	68
Zhemgang	0	0	1	0	1	15	0	17
Bhutan	53	27	92	141	445	1,281	0	2,039

cont...

Table 7.11cont...

Dzongkhag	As of June 2019							All Types (Total)
	Production & Manufacturing				Services	Contract	Others	
	Agro Based	Forest Based	Mineral Based	Other				
Bumthang	2	0	2	0	17	14	0	35
Chhukha	37	12	6	87	40	60	0	242
Dagana	0	0	3	1	1	8	0	13
Gasa	0	0	0	0	0	0	0	0
Haa	0	0	0	0	4	50	0	54
Lhuentse	0	0	0	0	0	13	0	13
Monggar	2	1	5	2	5	38	0	53
Paro	9	1	6	3	91	98	0	208
Pema Gatshel	0	0	11	4	3	17	0	35
Punakha	2	0	0	0	29	17	0	48
Samdrup Jongkhar	6	1	9	5	8	49	0	78
Samtse	13	0	26	13	4	17	0	73
Sarpang	8	3	3	3	18	63	0	98
Thimphu	10	9	9	13	270	790	0	1,101
Trashigang	0	0	2	0	1	15	0	18
Trashigang	1	0	1	0	8	61	0	71
Trongsa	0	0	4	1	8	15	0	28
Tsirang	0	0	1	0	2	4	0	7
Wangdue Phodrang	4	0	14	2	28	26	0	74
Zhemgang	0	0	1	0	1	16	0	18
Bhutan	94	27	103	134	538	1,371	0	2,267

cont...

Table 7.11 cont...

Dzongkhag	As of June 2020							All Types (Total)
	Production & Manufacturing				Services	Contract	Others	
	Agro Based	Forest Based	Mineral Based	Other				
Bumthang	0	0	1	0	12	8	0	21
Chhukha	24	2	6	58	28	42	0	160
Dagana	0	0	2	1	0	4	0	7
Gasa	0	0	0	0	0	0	0	0
Haa	0	0	0	0	6	8	0	14
Lhuentse	0	0	0	0	0	9	0	9
Monggar	2	1	4	1	3	19	0	30
Paro	4	0	4	1	90	17	0	116
Pema Gatshel	0	0	6	4	2	13	0	25
Punakha	2	0	0	0	27	8	0	37
Samdrup Jongkhar	7	1	6	8	5	22	0	49
Samtse	12	1	23	11	4	11	0	62
Sarpang	6	5	2	2	12	43	0	70
Thimphu	6	6	10	11	211	125	0	369
Trashigang	0	0	2	0	1	11	0	14
Trongsa	0	0	2	1	6	9	0	18
Tsirang	0	1	0	0	2	0	0	3
Wangdue Phodrang	3	0	9	0	26	9	0	47
Zhemgang	0	0	0	0	2	12	0	14
Bhutan	67	17	79	98	441	390	0	1,092

Note: The data for June 2020 is on the operational/active licenses. The previous years data contains a mix of licenses issued and operational/active licenses which will be updated in the next publication of the SYB.

Source: Department of Industry, MoEA.

Table 7.12: Establishments by Dzongkhag and by Area, 2017

Dzongkhag	Urban	Rural	Total
Gasa	27	7	34
Lhuntse	52	77	129
Haa	104	61	165
Zhemgang	89	119	208
Trongsa	97	161	258
Trashigang	131	143	274
Pema Gatshel	167	136	303
Bumthang	255	91	346
Punakha	242	194	436
Dagana	180	347	527
Wangdue Phodrang	293	248	541
Monggar	307	239	546
Trashigang	296	323	619
Samdrup Jongkhar	406	218	624
Tsirang	283	377	660
Paro	472	398	870
Samtse	260	680	940
Sarpang	634	502	1,136
Chhukha	1,449	447	1,896
Thimphu	3,149	336	3,485
Total	8,893	5,104	13,997

Source: Economic Census of Bhutan 2018, NSB.

Table 7.13: Establishments by Thromde, 2017

Thromde	Number	Percent
Thimphu	3,098	59.6
Phuentshogling	1,206	23.2
Gelegphu	584	11.2
Samdrup Jongkhar	312	6.0
Total	5,200	100

Source: Economic Census of Bhutan 2018, NSB.

Table 7.14: Establishments by Economic Sector, and by Region, 2017

Economic sector	Central	Eastern	Western	Southern	Total
Agriculture, forestry and fishing	5	30	23	294	352
Mining and quarrying	0	8	2	23	33
Manufacturing	36	148	309	219	712
Electricity, gas, steam and air conditioning supply	0	0	2	1	3
Water supply; sewerage, waste management and remediation activities	1	1	3	0	5
Construction	5	49	48	66	168
Wholesale and retail trade; repair of motor vehicles and motorcycles	480	1,662	3,487	3,124	8,753
Transportation and storage	0	7	8	30	45
Accommodation and food service activities	238	492	1,106	1,110	2,946
Information and communication	3	9	36	9	57
Financial and insurance activities	0	0	15	1	16
Real estate activities	0	0	3	0	3
Professional, scientific and technical activities	3	11	36	21	71
Administrative and support service activities	1	9	113	50	173
Education	2	3	53	13	71
Human health and social work activities	1	3	13	13	30
Arts, entertainment and recreation	18	12	98	43	171
Other service activities	19	51	176	142	388
Total	812	2,495	5,531	5,159	13,997

Source: Economic Census of Bhutan 2018, NSB.

Table 7.15: Establishments by broad Industry, Economic Sector, and by Area, 2017

Broad industry	Urban	Rural	Total
Primary sector	14	338	352
Agriculture, forestry and fishing	14	338	352
Secondary sector	675	245	920
Mining and quarrying	24	9	33
Manufacturing	529	182	711
Electricity, gas, steam and air conditioning supply	2	1	3
Water supply; sewerage, waste management and remediation activities	5	0	5
Construction	115	53	168
Tertiary sector	8,204	4,521	12,725
Wholesale and retail trade; repair of motor vehicles and motorcycles	5,340	3,414	8,754
Transportation and storage	42	3	45
Accommodation and food service activities	1,927	1,019	2,946
Information and communication	54	3	57
Financial and insurance activities	11	5	16
Real estate activities	2	1	3
Professional, scientific and technical activities	67	4	71
Administrative and support service activities	165	8	173
Education	60	11	71
Human health and social work activities	26	4	30
Arts, entertainment and recreation	150	21	171
Other service activities	360	28	388
Total	8,893	5,104	13,997

Source: Economic Census of Bhutan 2018, NSB.

Table 7.16: Establishments by Legal Status, and by broad Industry, 2017

Legal status	Primary	Secondary	Tertiary	Total
Single proprietorship or partnership	345	783	11,713	12,841
Private limited company	0	102	55	157
Public limited company	0	8	8	16
State-owned Enterprise	4	9	15	28
FDI	1	13	17	31
Permanent shed vendor	2	0	917	919
Project authority	0	5	0	5
Total	352	920	12,725	13,997

Source: Economic Census of Bhutan 2018, NSB.

The first appearance of motor vehicle was in 1962 and surface transport continues to be the main means of transport. The Bhutan Government Transport Service (BGTS) originally entrusted with goods transportation was restructured to concentrate on passenger transport. The gradual privatization of the passenger transport services began in 1985 on pilot basis and was achieved fully by October 1991 with 21 operators managing a fleet of more than 100 buses on 73 routes. As of June 2020, there were 109,663 registered vehicles in Bhutan.

Druk Air, the national airline was founded in April 1981 and was commercialized in February 1983. It is a Government owned airline run by the Druk Holding Investment. Bhutan established its first international air links with Kolkata, followed by six destinations in South Asia, including Bangkok. The Division of Civil Aviation was established in January 1986 to provide infrastructure and air traffic services and to regulate the airline industry and it became the member of ICAO (International Civil Aviation Organization). The Paro International Airport inaugurated on 10th April 1999 has taken the air transport sectors further ahead in providing reliable, safe and comfortable travel services. Druk Air Corporation Limited also introduced domestic flights to Bumthang, Younphula (Trashigang) and to Gelephu (Sarpang) in 2011.

Tashi Air Pvt. Ltd, Bhutan's first Private Airline came into existence after the Tashi Group of Companies, outbid other joint ventures companies and won the License to operate Airline Service both Domestic and International Sectors. On 4th December 2011, Tashi Group of Companies introduced its first aircraft Bhutan Airline for domestic operations. It started its international operation on 10th October 2013. Later on 1st of May 2014, Bhutan Airlines started its fleet with new Airbus A319 with 122 seating capacity.

Since the establishment of first telephone network in 1963 the ICT sector has come a long way. Telecommunication network has changed from physical wire network to a national digital network today. Bhutan's first satellite international link was established in 1990 with the installation of the Earth satellite station and an international gateway switch in Thimphu. By March 1999 all the 20 district headquarters had access to telecommunication services.

The national telecommunication network opened the path to global information network. On 2nd June 1999, the country established the first television network and also started the Internet Services. Since then, the information and communication technology such as Internet provides access to global information and plays an important role in the everyday affairs. Bhutan Telecom Limited (BTL) is the leading provider of telecommunications and Internet services in the Kingdom of Bhutan. Besides fixed line telephony, it provides GSM Mobile services under its flagship brand B-Mobile, and Internet Services under the brand name of DrukNet which was launched on 11th November 2003 coinciding with His Majesty Fourth Druk Gyalpo's Birthday. Later, Tashi InfoComm Limited, Bhutan's first private mobile company came into existence on October 2006. Now, B-mobile and TashiCell has its services available in all 20 Dzongkhags.

The Postal Service in Bhutan was first launched on 10th October 1962 with the opening of a post office in Phuentsholing. It was called the Department of Posts and Telegraphs under the Ministry of Communications. Initially, the services offered were basic services such as letter mail, postcards and parcels. International mail was only exchanged with India. On 1st October 1996, The Division of Posts and Telegraphs was converted to autonomous Commercial Corporation as Bhutan Post. Bhutan became a member of the Universal Postal Union (UPU) and member of the Asian Pacific Postal Union (APPU) in 1983.

As of 2019, there are in total 91 postal infrastructures in the country. Its portfolio of services also developed and improved over time and an International Express Mail Service (EMS) was introduced in July 1993. Express mail services were introduced into the domestic sector in 1966. Money order services were improved with the introduction of Facsimile Money Order for Bhutan and Express Money Order (EMO) for exchange with India. In 1997, Bhutan Post set up a transport network for the purpose of carrying both passenger and mail. This network presently covers between Thimphu and Phuentsholing and between Phuentsholing and Calcutta.

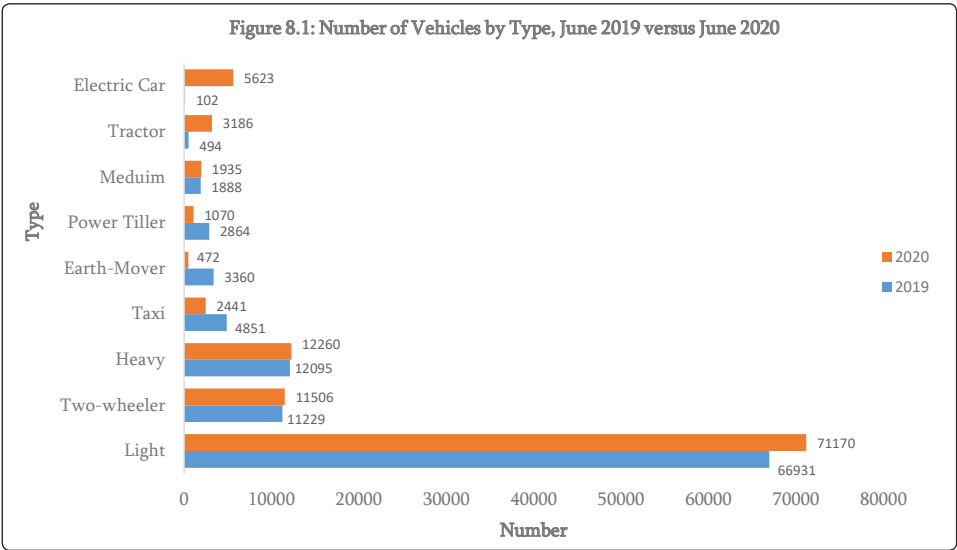


Table 8.1: Number and Length of Motorable Bridges by Type, June 2020

(Length in Meters)

Type of Bridges	Number	%	Length	%
Permanent bridges				
RCT Beam / T-Girder/Box Grid	74	19.6	1,539.2	11.1
RCC Slab	27	7.2	475.0	3.4
Pre-Stressed Concrete	23	6.1	1,375.1	10.0
RCC Arch	4	1.1	383.0	2.8
Composite	23	6.1	494.0	3.6
Steel Pony Truss	5	1.3	265.0	1.9
Steel Arch	11	2.9	1,059.3	7.7
Steel Hamilton	7	1.9	240.6	1.7
Steel Truss / Girder	22	5.8	1,341.4	9.7
Multicell Box Culvert	8	2.1	406.0	2.9
RCC bridges on GC Roads	5	1.3	57.0	0.4
Temporary (semi-permanent) bridges				
Bailey Bridges	85	22.5	2,634.7	19.1
Bailey Suspension Bridge	2	0.5	231.7	1.7
Bailey Bridges on Farm Roads in various Dzongkhags	14	3.7	451.2	3.3
Bailey bridges on GC & Farm Roads in various Dzongkhags (2011 & 2012)	19	5.0	719.5	5.2
Bailey bridges on GC & Farm Roads in various Dzongkhags (2012 & 2013)	14	3.7	478.7	3.5
Bailey bridges on GC & Farm Roads in various Dzongkhags (2013)	13	3.4	469.5	3.4
Bailey & Bailey Suspension Bridges on GC Roads (2015-June 2018)	11	2.9	564.0	4.1
Bailey & Bailey Suspension Bridges on GCR & SNH Roads (2018-June 2019)	10	2.7	625.0	4.5
All bridges	377	100	13,809.8	100

Source: Bridge Division, Department of Roads, MoWHS

Table 8.2: Number of Pedestrian Bridges Constructed since 5th Five Year Plan by Dzongkhag, June 2020

Dzongkhag	IV & Before	Five Year Plans periods							Total Constructed (I-XII)	Percent (I-XII)	Existing Bridge as of present
		V	VI	VII	VIII	IX	X	XI	XII		
Bumthang	1	7	3	4	2	2	1	0	0	3.57	16
Chhukha	3	5	1	3	4	2	4	2	0	4.28	17
Dagana	3	4	2	5	4	4	6	1	1	5.35	25
Gasa	0	0	2	2	2	1	0	1	0	1.43	4
Haa	3	6	1	4	2	0	1	1	0	3.21	15
Lhuentse	3	4	2	4	4	6	5	5	4	6.60	27
Monggar	9	5	2	5	6	7	7	0	0	7.31	33
Paro	3	8	3	2	2	2	3	1	0	4.28	21
Pema Gatshel	5	11	2	4	6	4	5	1	0	6.77	29
Punakha	3	4	1	1	1	3	3	1	0	3.03	14
Samdrup Jongkhar	7	11	6	3	3	3	7	3	0	7.66	25
Samtse	9	15	2	1	4	2	5	4	0	7.49	34
Sarpang	6	8	5	0	5	3	2	1	1	5.53	21
Thimphu	1	1	3	3	0	4	2	4	0	3.21	15
Trashigang	8	10	2	4	7	7	2	1	0	7.31	30
Trashi Yangtse	3	6	4	3	3	3	7	0	0	5.17	25
Trongsa	4	6	3	4	1	2	2	2	0	4.28	18
Tsirang	5	4	1	2	2	1	1	0	1	3.03	14
Wangdue Phodrang	2	10	5	3	2	3	2	0	0	4.81	25
Zhemgang	1	5	4	4	5	6	4	3	0	5.70	27
Bhutan	79	130	54	61	65	65	69	31	7	100	435

Source: Suspension Bridge Section, Bridge Division, Department of Roads, MoWHs.

Table 8.3: Length of Roads by Type, 2015 - 2019

(Length in Km)

Type of Road	Express-way	Primary National Highway	Secondary National Highway	Dzongkhag Road	Urban Road	Farm Road	Access Road ¹	All road
2019	6.20	1682.59	1152.14	2071.16	417.08	11257.16	1677.78	18264.10
Black topped	6.20	1682.59	937.65	1163.38	402.77	150.92	456.48	4799.99
Non-black topped	0.00	0.00	214.49	907.78	14.31	11106.24	1221.30	13464.11
2018	6.2	1772.4	997.6	2060.4	417.1	11292.3	1736.0	18282.0
Black topped	6.20	1,730.35	792.53	1,190.85	402.77	12.60	506.65	4,641.95
Non-black topped	0.0	42.0	205.1	869.6	14.3	11279.7	1229.4	13640.1
2017	6.2	1,822.7	903.3	2,004.7	417.1	11,292.3	1,735.1	18,181.3
Black topped	6.2	1,733.9	677.9	1,135.1	402.8	12.6	506.7	4,475.2
Non-black topped	0.0	88.8	225.4	869.6	14.3	11,279.7	1,228.4	13,706.1
2016	6.2	1,965.2	878.4	2,606.2	436.8	5,049.7	1,406.2	12,348.7
Black topped	6.2	1,560.5	641.8	1,075.3	350.0	0.0	0.0	3,633.8
Non-black topped	0.0	404.7	236.6	1,530.9	86.8	5,049.7	1,406.2	8,714.9
2015	6.2	1,974.6	584.5	1,508.0	396.8	5,221.5	1,485.4	11,177.0
Black topped	6.2	1,809.0	515.9	228.1	377.1	2.5	263.1	3,201.9
Non-black topped	0.0	165.7	68.6	1,279.9	19.7	5,219.0	1,222.3	7,975.1

Note: ¹ Access road includes Forest road and Power tiller road.

a. The national highway before year 2011 is now primary national highway, the district road is now secondary national highway and the feeder road is now Dzongkhag road, therefore it is not available for the previous year.

b. The changes in the length of the road esp (PNH/SNH/Access Road) is mainly due to the reclassification of the road done by DoR mainly to fit proper definition.

c. Source for farm road information: GNHC

d. Length of farm roads reduced after omitting the repeated datas

Source: Design Division, Department of Roads, MoWHS.

Table 8.4: Length of Roads by Type and Dzongkhag, June 2020

(Length in Km)

Dzongkhag	Express-way	Primary National Highway	Secondary National Highway	Dzongkhag Road ²	Urban Road ¹	Farm Road	Access Road ¹	Total	%
Bumthang	0.0	86.8	67.0	19.6	1.7	181.4	106.3	462.7	2.5
Chhukha	0.0	220.2	45.3	188.4	28.6	511.5	197.7	1191.6	6.5
Dagana	0.0	17.6	173.8	124.6	1.5	715.2	49.6	1082.3	5.9
Gasa	0.0	0.0	46.3	26.1	0.0	37.0	2.3	111.7	0.6
Haa	0.0	0.0	154.2	19.1	7.9	279.3	81.0	541.6	3.0
Lhuentse	0.0	0.0	104.5	52.6	0.8	580.4	151.1	889.4	4.9
Monggar	0.0	222.5	5.0	312.7	12.0	1424.6	65.0	2041.7	11.2
Paro	0.0	38.6	83.0	30.4	5.2	579.0	82.2	818.4	4.5
Pema Gatshel	0.0	110.0	121.0	150.5	0.0	816.2	42.3	1239.9	6.8
Punakha	0.0	56.1	27.0	39.3	4.4	522.9	107.6	757.3	4.1
Samdrup Jongkhar	0.0	60.0	74.0	119.3	7.3	394.0	41.7	696.4	3.8
Samtse	0.0	55.0	127.6	109.9	8.3	940.3	15.5	1256.6	6.9
Sarpang	0.0	118.0	0.0	107.2	15.8	617.0	164.2	1022.1	5.6
Thimphu	6.2	37.5	7.2	40.7	281.8	139.1	252.7	765.2	4.2
Trashigang	0.0	116.9	16.0	275.9	6.6	841.2	28.5	1285.1	7.0
Trashi Yangtse	0.0	45.0	0.0	71.5	8.7	524.9	28.1	678.1	3.7
Trongsa	0.0	146.5	36.0	39.5	0.6	333.2	9.8	565.6	3.1
Tsirang	0.0	61.0	2.3	81.5	3.3	646.2	21.3	815.6	4.5
Wangdue Phodrang	0.0	136.5	0.0	103.4	8.5	759.1	180.8	1188.3	6.5
Zhemgang	0.0	154.5	62.0	159.0	14.1	414.7	50.3	854.6	4.7
Bhutan	6.2	1682.6	1152.1	2071.2	417.1	11257.2	1677.8	18264.1	100.0

Note: ¹ No Dzongkhag wise details on Urban and Access road is available except for whole total .

(Access roads shall include Private roads and Institutional roads)

² Dzongkhag roads and Gewog connectivity roads are clubbed together as they have same specification.

6.2 Km of Asian highway is included in the express way and 145.15 Km is clubbed to Primary National Highway Source for farm road information: GNHC
Source: Design Division, Department of Roads, MoWHS.

Table 8.5: Number of Registered Vehicles by Type and Region, 2016- June 2020

Region	Government								Total
	Heavy	Medium	Light	Two-Wheeler	PT	TR	EME ¹	Electric Vehicle	
June 2020	1,323	290	3,008	1,482	705	137	379	34	7,358
Thimphu	581	52	1,692	473	508	72	155	22	3,555
Phuntsholing	596	168	790	658	15	22	89	12	2,350
Gelephu	76	22	229	116	68	9	100	0	620
Samdrup Jongkhar	57	35	211	229	64	32	34	0	662
Monggar	13	13	86	6	50	2	1	0	171
June 2019	1,293	279	2,895	1,431	702	132	360	26	7,118
Thimphu	573	47	1,603	451	506	66	151	20	3,417
Phuntsholing	583	160	795	636	15	23	79	6	2,297
Gelephu	73	23	207	113	68	8	94	0	586
Samdrup Jongkhar	58	37	211	228	64	33	36	0	667
Monggar	6	12	79	3	49	2	0	0	151
June 2018	1,264	280	2,872	1,432	692	127	346	26	7,039
Thimphu	570	51	1,585	461	505	65	149	19	3,405
Phuntsholing	564	159	790	626	15	21	65	7	2,247
Gelephu	72	20	208	112	66	7	93	0	578
Samdrup Jongkhar	52	38	212	230	61	32	39	0	664
Monggar	6	12	77	3	45	2	0	0	145
June 2017	1,250	266	2,795	1,415	451	125	320	26	6,648
Thimphu	567	45	1,519	458	317	65	143	19	3,133
Phuntsholing	557	154	780	610	15	20	65	7	2,208
Gelephu	70	20	210	114	59	7	72	0	552
Samdrup Jongkhar	51	37	219	232	42	31	40	0	652
Monggar	5	10	67	1	18	2	0	0	103
2016	1,237	259	2,654	1,417	388	119	278	29	6,381
Thimphu	567	43	1,418	460	302	62	138	22	3,012
Phuntsholing	547	154	757	607	0	19	58	7	2,149
Gelephu	68	18	205	116	28	6	42	0	483
Samdrup Jongkhar	50	37	227	233	40	30	40	0	657
Monggar	5	7	47	1	18	2	0	0	80

cont...

Table 8.5 cont...

Region	Private									
	Heavy	Medium	Light	Two Wheeler	Taxi	PT	TR	EME	Electric Vehicle	Total
June 2020	10,937	1,645	68,098	10,021	2,441	365	3,049	93	5,588	102,237
Thimphu	2,831	466	40,233	3,662	1,984	111	1,069	74	3,644	54,074
Phuntsholing	7,031	932	20,153	3,682	71	165	1,569	14	1,086	34,703
Gelephu	522	164	3,822	1,158	128	52	166	4	576	6,592
Samdrup Jongkhar	470	48	2,479	1,214	243	28	182	0	102	4,766
Monggar	83	35	1,411	305	15	9	63	1	180	2,102
June 2019	10,802	1,609	63,974	9,798	4,851	2,162	362	3,000	75	96,633
Thimphu	2,761	447	37,755	3,505	3,121	1,705	112	1,051	62	50,519
Phuntsholing	7,002	928	19,142	3,620	973	70	167	1,553	8	33,463
Gelephu	511	151	3,517	1,158	504	128	45	161	4	6,179
Samdrup Jongkhar	451	50	2,358	1,236	95	245	29	174	0	4,638
Monggar	77	33	1,202	279	158	14	9	61	1	1,834
June 2018	9,708	1,504	59,225	9,047	4,518	1,933	351	2,853	67	89,206
Thimphu	2,601	409	34,840	3,076	2,940	1,483	109	991	56	46,505
Phuntsholing	6,179	886	18,041	3,400	947	70	165	1,499	7	31,194
Gelephu	431	135	3,132	1,112	425	124	40	150	4	5,553
Samdrup Jongkhar	427	49	2,229	1,218	77	245	29	155	0	4,429
Monggar	70	25	983	241	129	11	8	58	0	1,525
June 2017	8,582	1,391	54,215	8,451	4,283	1,681	321	2,514	66	81,504
Thimphu	2,349	372	31,873	2,765	2,841	1,236	93	829	56	42,414
Phuntsholing	5,426	838	16,901	3,202	1,002	69	158	1,408	6	29,010
Gelephu	355	118	2,657	1,068	325	121	34	113	4	4,795
Samdrup Jongkhar	400	44	2,059	1,201	47	245	29	116	0	4,141
Monggar	52	19	725	215	68	10	7	48	0	1,144
2016	8,243	1,346	51,541	8,223	4,222	1,556	302	2,317	80	77,830
Thimphu	2,271	357	30,416	2,656	2,826	1,116	87	755	70	40,554
Phuntsholing	5,205	823	16,205	3,115	1,015	67	152	1,345	6	27,933
Gelephu	334	107	2,381	1,046	289	118	28	95	4	4,402
Samdrup Jongkhar	392	42	1,939	1,195	43	245	28	86	0	3,970
Monggar	41	17	600	211	49	10	7	36	0	971

cont...

Table 8.5 cont...

Region	BHT	Diplomats/CD					All Types
	Light	Total	Light	Two-Wheeler	Electric Vehicle	Total	
June 2020	37	37	27	3	1	31	109,663
Thimphu	37	37	27	3	1	31	57,697
Phuntsholing	0	0	0	0	0	0	37,053
Gelephu	0	0	0	0	0	0	7,212
Samdrup Jongkhar	0	0	0	0	0	0	5,428
Monggar	0	0	0	0	0	0	2,273
June 2019	37	37	25	0	1	26	103,814
Thimphu	37	37	25	0	1	26	53,999
Phuntsholing	0	0	0	0	0	0	35,760
Gelephu	0	0	0	0	0	0	6,765
Samdrup Jongkhar	0	0	0	0	0	0	5,305
Monggar	0	0	0	0	0	0	1,985
June 2018	37	37	24	0	1	25	96,307
Thimphu	37	37	24	0	1	25	49,972
Phuntsholing	0	0	0	0	0	0	33,441
Gelephu	0	0	0	0	0	0	6,131
Samdrup Jongkhar	0	0	0	0	0	0	5,093
Monggar	0	0	0	0	0	0	1,670
June 2017	46	46	28	0	1	29	88,227
Thimphu	46	46	28	0	1	29	45,622
Phuntsholing	0	0	0	0	0	0	31,218
Gelephu	0	0	0	0	0	0	5,347
Samdrup Jongkhar	0	0	0	0	0	0	4,793
Monggar	0	0	0	0	0	0	1,247
2016	49	49	36	1	...	37	84,297
Thimphu	49	49	36	1	...	37	43,652
Phuntsholing	0	0	0	0	...	0	30,082
Gelephu	0	0	0	0	...	0	4,885
Samdrup Jongkhar	0	0	0	0	...	0	4,627
Monggar	0	0	0	0	...	0	1,051

Note: ¹Earth Moving Equipments (EME) include bull dozers, road rollers, pay loaders, excavators, cranes, etc.

a. Excludes vehicles of armed forces.

Source: Road safety and transport Authority, MoIC.

Table 8.6 : Number of Driving Licenses Issued by Region and Category, 2016 - June 2020

Region	2016	2017	2018	June 2019	June 2020
Thimphu	56,007	60,213	63,052	68,363	72,261
Phuentsholing	12,884	14,364	15,306	17,109	18,323
Gelephu	14,466	15,786	16,515	18,067	19,012
Samdrup Jongkhar	10,018	10,684	10,993	11,576	11,973
Monggar	1,260	1,975	2,336	3,166	3,701
Total	94,635	103,022	108,202	118,281	125,270

Source: Road Safety and Transport Authority, MoIC.

**Table 8.7: Number of Passengers Carried & Revenue Earned by Druk Air Flights
by Area of Operation, 2015 - 2019**

Area of Operation	2015	2016	2017	2018	2019
International	204,746	225,882	254,643	263,456	260,212
Paro to Kolkata	10,764	13,908	13,452	12,622	15,835
Kolkata to Paro	10,516	13,374	13,064	12,472	14,595
Paro to Bangkok	27,971	27,573	29,907	34,260	33,902
Bangkok to Paro	25,946	27,851	29,101	30,914	32,016
Paro to Dhaka	6,918	7,907	8,649	7,275	7,803
Dhaka to Paro	7,169	7,993	9,057	7,694	8,010
Paro to Delhi	22,713	23,684	31,267	32,970	31,682
Delhi to Paro	22,591	24,481	29,888	33,128	32,267
Paro to Kathmandu	11,792	13,912	20,889	22,085	22,849
Kathmandu to Paro	12,155	13,898	21,102	22,290	23,156
Kathmandu to Delhi	2,172	1,601	1,590	1,031	1,884
Delhi to Kathmandu	1,211	736	594	766	1,866
Kolkata to Bangkok	899	1,926	1,536	1,060	0
Bangkok to Kolkata	1,281	3,571	2,573	2,418	0
Dhaka to Bangkok	44	0	0	0	0
Bangkok to Dhaka	23	0	0	0	0
Gaya to Bangkok	468	399	375	570	0
Bangkok to Gaya	390	486	164	325	0
Paro to Gaya	987	1,353	1,168	2,019	1,467
Gaya to Paro	877	777	1,305	1,686	1,250
Paro to Bagdora	2,120	1,771	1,632	2,318	2,159
Bagdora to Paro	2,512	2,141	2,658	2,960	2,740
Bagdora to Bangkok	2,531	2,513	2,166	2,691	1,519
Bangkok to Bagdora	2,322	2,009	1,990	2,329	1,423
Paro to Guwahati	1,420	1,600	1,606	2,429	3,879
Guwahati to Paro	1,231	1,638	1,768	2,199	3,663
Guwahati to Bangkok	2,259	2,003	1,675	1,738	0
Bangkok to Guwahati	2,058	1,577	1,586	1,527	0
Paro to Singapore	4,268	6,170	7,105	6,461	6,925
Singapore to Paro	4,400	6,110	6,956	8,497	7,065
Kolkata to Singapore	4,231	5,734	2,509	2,061	0
Singapore to Kolkata	4,534	5,356	3,013	1,942	0

cont...

Table 8.7 cont...

Area of Operation	2015	2016	2017	2018	2019
Paro to Mumbai	2,040	915	2,214	0	0
Mumbai to Paro	1,933	915	2,084	0	0
Guwahati to Singapore	...	...	...	366	1,151
Singapore to Guwahati	...	...	...	353	1,106
Domestic	4,676	7,688	11,890	12,393	15,880
Paro to Bumthang	2,032	3,704	5,239	4,161	4,268
Bumthang to Paro	2,600	3,510	5,527	4,489	4,332
Paro to Gelephu	33	137	138	339	821
Gelephu to Paro	11	181	81	282	601
Paro to Younphula	0	0	429	1,386	2,551
Younphula to Paro	0	0	476	1,462	2,962
Gelephu to Bumthang	0	81	0	0	0
Bumthang to Gelephu	...	75	0	0	0
Gelephu to Younphula	...	...	...	119	247
Younphula to Gelephu	...	...	...	128	98
Bumthang to Younphula	...	...	...	15	0
Younphula to Bumthang	...	...	...	12	0
Others	...	...	...	...	9,819
Charter	...	...	...	...	5,571
DIL	...	...	...	...	4,248
Total Passengers	209,422	233,570	266,533	275,849	285,911
Revenue (In Million Nu.)	2,698.00	2,860.00	3,526.45	3,695.90	4,162

Note: Revenue includes only total operating revenue.

Charter and DIL are segregated from International and Domestic Categories from 2019.

Source: Druk Air Corporation Ltd., Thimphu.

Table 8.8: Number of Flights Made by Druk Air by International, Domestic and others by Area of Operation, 2015 - 2019

Area of Operation	2015	2016	2017	2018	2019
International	5,036	5,029	5,330	5,424	4,695
Paro to Kolkata	298	357	354	349	241
Kolkata to Paro	320	352	350	348	241
Paro to Bangkok	403	391	406	530	457
Bangkok to Paro	402	390	408	530	452
Paro to Dhaka	190	178	222	196	151
Dhaka to Paro	191	178	222	196	151
Paro to Delhi	311	304	359	359	400
Delhi to Paro	315	304	358	360	401
Paro to Kathmandu	333	369	358	367	354
Kathmandu to Paro	333	356	357	366	354
Paro to Gaya	18	25	35	51	30
Gaya to Paro	16	26	26	42	29
Gaya to Bangkok	-	13	17	25	1
Bangkok to Gaya	-	14	8	16	0
Delhi to katmandu	122	50	53	43	135
Kathmandu to Delhi	122	62	55	44	135
Bangkok to kolkata	98	138	139	150	0
Kolkata to Bangkok	78	138	140	149	0
Dhaka to Bangkok	7	0	0	0	0
Bangkok to Dhaka	7	0	0	0	0
Paro to Bagdora	144	109	104	105	105
Bagdora to Paro	112	89	104	104	104
Bagdora to Bangkok	144	109	104	105	87
Bangkok to Bagdora	112	89	104	104	86
Paro to Guwahati	107	105	104	122	191
Guwahati to Paro	99	103	103	120	191
Guwahati to Bangkok	108	105	104	95	0
Bangkok to Guwahati	101	103	103	95	0
Paro to Singapore	120	139	146	127	98
Singapore to Paro	121	138	147	127	99
Kolkata to Singapore	120	139	146	74	0
Singapore to Kolkata	121	137	142	73	0

cont...

Table 8.8 cont...

Area of Operation	2015	2016	2017	2018	2019
Kolkata to Dhaka	0	0	0	0	0
Dhaka to Kolkata	0	0	0	0	0
Paro to Mumbai	31	9	26	0	0
Mumbai to Paro	32	10	26	0	0
Singapore to Guwahati	...	...	...	25	99
Guwahati to Singapore	...	...	...	27	99
Bangkok to Singapore	0	0	0	0	4
Domestic	295	448	644	880	1,230
Paro to Bumthang	142	178	288	258	283
Bumthang to Paro	144	177	289	255	282
Paro to Gelephu	3	31	15	62	127
Gelephu to Paro	3	31	16	59	127
Gelephu to Bumthang	3	15	0	0	0
Bumthang to Gelephu	...	16	0	1	0
Paro to Younphula	0	0	18	70	139
Younphula to Paro	0	0	18	70	139
Gelephu to Younphula	...	...	...	27	75
Younphula to Gelephu	...	...	...	33	58
Bumthang to Younphula	...	...	...	25	0
Younphula to Bumthang	...	...	...	20	0
Others	...	...	...	...	121
Charter	...	...	...	...	85
DIL	...	...	...	...	36
All sectors	5,331	5,477	5,974	6,304	6,046

Note: Total number of flights includes both the Aircrafts AB 319 and ATR 42.

Charter and DIL are segregated from International and Domestic Categories from 2019.

Source: Druk Air Corporation Ltd.

**Table 8.9: Number of Passengers Carried & Revenue Earned by Tashi Air
Flights by Area of Operation, 2015 - 2019**

Area of Operation	2015	2016	2017	2018	2019
Paro to Kolkata	8,839	8,552	9,331	15,842	20,871
Kolkata to Paro	7,499	8,150	8,785	13,379	18,795
Paro to Bangkok	16,226	15,584	19,008	16,818	15,249
Bangkok to Paro	15,670	16,144	17,658	15,979	14,518
Kolkata to Bangkok	13,382	17,700	3,942	7,113	7,759
Bangkok to Kolkata	13,144	17,600	4,834	6,316	6,042
Paro to Kathmandu	5,781	5,687	4,518	5,723	6,776
Kathmandu to Paro	5,815	6,374	3,862	5,110	6,493
Paro to Delhi	1,422	6,725	7,853	14,215	19,372
Delhi to Paro	988	6,820	7,241	13,990	19,333
Paro to Gaya	...	400	544	585	335
Gaya to Paro	...	400	688	560	460
Bangkok to Gaya	...	520	867	2,512	1,199
Gaya to Bangkok	...	420	896	2,149	1,006
Delhi to Kathmandu	...	...	2	932	794
Kathmandu to Delhi	...	...	395	1,319	721
Total Passengers	88,766	111,076	90,424	122,542	139,723
Revenue (In Million Nu.)	1,039	1,418	1,691	1,332	1,432

Note: Revenue includes only total operating revenues. It is the income from the passenger sale only.

Source: Bhutan Airlines Corporation Ltd.

Table 8.10: Number of Flights Made by Tashi Air by International and by Area of Operation, 2015 - 2019

Area of Operation	2015	2016	2017	2018	2019
Paro to Kolkata	327	346	331	316	349
Kolkata to Paro	328	334	328	312	342
Paro to Bangkok	352	353	370	354	338
Bangkok to Paro	351	353	371	346	338
Kolkata to Bangkok	326	327	313	268	269
Bangkok to Kolkata	328	315	309	263	262
Paro to Kathmandu	128	175	129	163	141
Kathmandu to Paro	125	162	120	147	130
Delhi to Paro	21	148	153	211	244
Paro to Delhi	21	148	152	206	244
Paro to Gaya	...	8	20	41	21
Gaya to Paro	...	8	20	41	23
Bangkok to Gaya	...	8	20	41	23
Gaya to Bangkok	...	8	20	41	21
Kathmandu to Delhi	...	...	14	96	64
Delhi to Kathmandu	...	...	8	80	68
All sectors	2,307	2,693	2,678	2,926	2,877

Note: Flights includes Scheduled, Additional and Chartered Flights.

Source: Bhutan Airlines Corporation Ltd.

Table 8.11: Type of Helicopter Services and Number of Flights Made, 2016 - 2019

Type of Services	2016	2017	2018	2019
Medical Evacuations	133	159	180	119
Fire Fighting	6	4	20	0
Airlifting of relief materials during the flood	4	0	0	0
Aerial Works	45	20	3	3
Tourist Charter	121	110	173	173
Local Charter	117	85	106	110
Local Charter - Highlanders	37	40	179	154
Total	463	418	661	559

Source: Department of Air Transport and Royal Bhutan Helicopter Services Ltd.

Table 8.12: Number of Telephone Connection Capacity by Dzongkhag, 2015 - 2019

Dzongkhag	2015	2016	2017	2018	2019
Bumthang	612	503	521	612	571
Chhukha	2,706	2,535	2,448	2,475	1,492
Dagana	103	172	179	176	170
Gasa	42	65	67	73	76
Haa	326	301	305	289	291
Lhuentse	138	136	123	134	141
Monggar	671	610	586	556	488
Paro	1,560	1,689	1,737	1,621	1,628
Pema Gatshel	172	211	204	214	216
Punakha	442	424	383	373	273
Samdrup Jongkhar	946	922	890	928	1,013
Samtse	620	557	540	560	584
Sarpang	1,218	1,031	984	985	957
Thimphu	9,578	9,445	9,993	10,525	11,159
Trashigang	761	675	643	637	597
Trashie Yangtse	152	167	173	189	190
Trongsa	377	380	363	375	478
Tsirang	250	224	197	217	227
Wangdue Phodrang	799	734	740	784	734
Zhemgang	338	300	288	292	296
Bhutan	21,811	21,081	21,364	22,015	21,581

Source: Ministry of Information & Communication.

Table 8.13: Number of Telephone Trunk Circuits, June 2020

Sector	Type of Connection	No. of Circuits
Thimphu Softswitch- Thimphu Bmobile	ISUP	337
Thimphu Softswitch- Singapore (SINGTEL)	ISUP	26
Thimphu Softswitch- Thailand (CAT Telecom)	ISUP	30
Thimphu Softswitch- Thimphu Tashicell (National trunk)	ISUP	246
Thimphu Softswitch- Bangladesh (MIRT)	ISUP	29
Thimphu Softswitch- Nepal (NTC)	ISUP	30
Thimphu Softswitch- Thimphu Tashicell International	ISUP	123
Thimphu Softswitch- India (BSNL Chennai)	ISUP	122
Thimphu Softswitch- India (BSNL Delhi)	ISUP	122
Thimphu Softswitch- India (Airtel Chennai)	ISUP	91
Thimphu Softswitch- India (Airtel Delhi)	ISUP	122
Thimphu Softswitch- India (RELIANCE)	ISUP	61
Thimphu Softswitch-Thimphu Druk Air (PRA)	PRA	30
Thimphu Softswitch-Thimphu BPC (PRA)	PRA	30
Thimphu Softswitch-Thimphu BOB CC (PRA)	PRA	30
Thimphu Softswitch-Thimphu BDBL (PRA)	PRA	30
Thimphu Softswitch-Thimphu BT EPBAX (PRA)	PRA	30
Thimphu Softswitch-Thimphu RBP (PRA)	PRA	30
Thimphu Softswitch-Thimphu UNDP (PRA)	PRA	30
Thimphu Softswitch-Thimphu LAND COMMISSION (PRA)	PRA	30
Thimphu Softswitch-Thimphu BHUTAN HOTEL (PRA)	PRA	30
Thimphu Softswitch- Thimphu DCCL (PRA)	PRA	30
Thimphu Softswitch- Thimphu Hospital MoH (PRA)	PRA	30
Thimphu Softswitch- Thimphu BTL (PRA)	PRA	30
Thimphu Softswitch- Paro LE MERIDIEN(PRA)	PRA	30
Thimphu Softswitch- Thimphu Bhutan Post (PRA)	PRA	30
Thimphu Softswitch- Thimphu COVID-19_MOH (PRA)	PRA	30
Thimphu Softswitch- Thimphu BoB (PRA)	PRA	30
Thimphu Softswitch- Thimphu NPPF (PRA)	PRA	30
Thimphu Softswitch- Thimphu BNB (PRA)	PRA	30
Thimphu Softswitch- Thimphu RICBL (PRA)	PRA	30
Thimphu Softswitch-PRA DRC (PRA)	PRA	30
Thimphu Softswitch-Thimphu DGPC (PRA)	PRA	30

cont...

Table 8.13 cont...

Sector	Type of Connection	No. of Circuits
Thimphu Softswitch-Phuntsholing DGPC (PRA)	PRA	30
PRA_ Supreme Court	PRA	30
PRA_ Gelephu Hospital	PRA	30
PRA_ Six Senses _Thm	PRA	30
PRA_ Pling_ RICB	PRA	30
PRA_ RICBL_ Thimphu_0	PRA	30
PRA_ DusitD2Hotel_ Thimphu	PRA	30
PRA_ COVID-19 for elderly_ Thimphu	PRA	30
PRA_ BNLI_ Thimphu (Bhutan National Legal Institute)	PRA	30
Thimphu Softswitch- Japan (KDDi) (VoIP)	SIP	120
Thimphu Softswitch- Japan (KDDi) (ONLY JAPAN) (VoIP)	SIP	4
Thimphu Softswitch- CAT Telecom (VoIP)	SIP	80
Thimphu Softswitch- USA (TELCO) (VoIP)	SIP	60
Thimphu Softswitch- MIR Telecom (VoIP)	SIP	60
Thimphu Softswitch- GET A CALL (VoIP)	SIP	200
Thimphu Softswitch-Bmobile SIP Thimphu	SIP	1000
Thimphu Softswitch-Bmobile SIP Jakar	SIP	500
Thimphu Softswitch-TATA_ SINGAPORE GSX A	SIP	300
Thimphu Softswitch-TATA_ SINGAPORE GSX B	SIP	300
Thimphu Softswitch-TollFreeForwarding_ USA	SIP	20
Thimphu Softswitch- Singapore (SINGTEL)	SIP	50

Note: SIP circuits is the maximum call number restriction
 ISUP=integrated services digital network user part
 PRA= Primary rate access
 SIP=session Initiation Protocol

Source: Ministry of Information & Communication.

Table 8.14: Number of Telephone Trunk Calls and Revenue Earnings, 2015 - 2019

Type of Call	2015	2016	2017	2018	2019
Domestic calls	16,156,253	15,014,226	15,977,980	21,219,654	18,332,819
International calls ¹	441,089	377,738	332,676	563,033	504,681
India	375,266	325,722	291,204	482,296	420,968
Other	65,823	52,016	41,472	80,736	83,713
All calls	16,597,342	15,391,964	16,310,656	21,782,687	18,837,500
Revenue earnings (In Million Nu.)	92.56	102.00	95.00	89.00	85.66

Note: ¹ Due to space constraints in BT system, they have data for 9 months only (April till December) for both India & Other under International calls.

Revenue Earnings are Revenue from Telephone Trunk Calls only

Source: Ministry of Information & Communication.

Table 8.15: Number of Bhutan Telecom Trunk Lines, Connection Capacities, Mobile Subscribers & Revenue Earnings, 2015 - 2019

Details	2015	2016	2017	2018	2019
Trunk lines	2,314	2,434	2,242	2,362	1,606
Satellite Communications	...	...	...	633	633
International Lines	...	...	...	633	633
VOIP (International)	424	424	424	1,124	1,194
VOIP (National)					1,500
Connection capacity	44,192	44,144	43,368	37,760	35,392
Telephone sets in use	21,460	21,081	21,364	22,015	22,951
B-Mobile Subscribers	486,228	475,373	475,394	437,152	454,212
Internet (B-mobile)	366,006	391,760	454,228	552,830	461,450
3G	337,969	375,007	438,307	438,037	248,359
4G				105,175	160,109
GPRS/EDGE	...	...	...	...	45,744
Internet (Druknet)	28,037	16,753	15,921	9,618	7,238
Broadband	27,606	16,172	15,323	8,846	6,085
Leased Line	431	581	598	772	1,153
Revenue Earnings (In Million Nu.)	2691.00	3038.00	3194.00	3569.00	4029.00

Note: Trunk lines are inclusive of international trunk lines

In 2019 VoIP was divided into VoIP (national=1500) and VoIP (INTERNATIONAL=1194)

Before 2018, BT did not have data on EDGE/GPRS as all connection were connected to 3G/4G

Till 2017 3G/4G data were clubbed together

Revenue Earnings are revenue from three services (mobile, Internet and FL)

Source: Bhutan Telecom Ltd, MoIC.

Table 8.16: Number of Tashicell Trunk Calls and Revenue Earnings, 2015 - 2019

Type of Call	2015	2016	2017	2018	2019
Total No. of subscribers	189,805	223,266	255,229	266,402	275,027
Domestic calls	74,013,660	151,060,457	86,250,668	89,831,320	163,831,512
International calls	6,004,497	10,107,815	7,402,851	5,615,417	3,860,319
India	5,800,733	...	7,230,994	5,489,939	3,771,004
Others	203,764	...	171,857	125,478	89,315
Mobile subscribers	189,519	223,000	255,229	266,402	275,027
Internet (Tashi-cell)	74,300	165,420	267,347	225,355	356,418
3G	74,300	165,420	267,347	164,682	160,109
4G				52,699	193,755
GPRS/EDGE	...	...	...	2,396	1,762
Leased Line	...	...	...	5,578	792
Revenue earnings (In Million Nu.)	89.49	100.67	96.34	108.69	105.60

Notes: a. The figures mentioned here for the domestic and international calls are counts not minutes of calls.
b. And the figures includes both prepaid and postpaid calls made.
c. EXDGE/GPRS, 3G/4G all are provided together while buying the sim. Your phone will have all this together and depending upon the area you are in, the connectiity will change accordingly

Source: Tashi Infocomm Ltd., MoIC.

Table 8.17: Number of Postal Infrastructures, 2015 - 2019

Postal Infrastructure	2015	2016	2017	2018	2019
General Post Offices	4	4	4	4	4
Post Offices	36	37	38	39	38
Community Mail Offices	35	34	26	6	6
Fax Offices	41	41	41	43	43
Total	116	116	109	92	91

Note: a. WT.Stations are merged with Telecommunication Division since july 1995, includes 3 stations installed at New Delhi, Dhaka and Kalingpong.

b. Fax Offices are Post Offices having fascimile services, they are not different establishment.

Source: Bhutan Postal Corporation Ltd.

Table 8.18: Volume of Mail, by Type of Article, 2015 - 2019

Type of Service	2015	2016	2017	2018	2019
Domestic Mail					
Ordinary Mail	102,168	129,817	66,635	72,410	64,047
Registered	73,990	64,083	0	56,273	43,912
Parcel	680	210	0	21	64
Facsimile message	3,124	1,989	879	343	311
Newspapers	16,379	15,570	0	26,514	11,573
Local Urgent Mail (LUM)	145,684	152,391	24,004	122,156	103,699
Express mail service (EMS)	12,574	26,148	27,872	136,318	13,208
International Mail Dispatch					
Ordinary Mail	22,367	18,190	5,450	19,731	28,372
Registered	6,539	6,033	5,750	4,693	4,318
Parcel	168	110	50	23	43
FedEx	305	394	322	2,176	251
TNT	0	0	0	140	53
Facsimile message	108	18	0	0	0
Post Overnight Courier (POC)	884	2,888	973	869	532
Express mail service (EMS)	3,648	4,748	7,005	9,415	10,709
International Mail Receipt					
Ordinary Mail	170,436	246,640	0	85,302	30,083
Registered	13,289	38,628	75,428	25,104	32,266
Parcel	2,176	2,615	3,136	3,500	4,153
FedEx	1,492	3,588	1,890	8,298	2,434
TNT	0	0	0	409	333
Facsimile message	75	0	0	0	0
Post Overnight Courier (POC)	2,047	1,952	859	1,676	1,543
Express mail service (EMS)	7,564	8,078	7,278	7,592	7,815
Revenue Earnings (In million Nu.)	123.19	152.26	74.60	82.90	87.50
Total mail items	585,697	724,090	227,531	582,963	359,719

Note: Revenue earnings till 2016 was for the overall postal revenue which includes postal income, philately income, transport, real estate and investment, Western Union, other income and grants. From 2017, the revenue reflects only for the items specified in the table.

Source: Bhutan Postal Corporation Ltd.

Table 8.19: Financial Services, Number and Value of Money Order by Type, 2015 - 2019

Type	2015	2016	2017	2018	2019
Total money orders (sent)					
Number of orders	21,609	14,619	13,525	5,532	2,046
Amount of orders	88,445,918	52,872,362	31,983,566	23,040,540	9,369,531
Domestic money order (receipt)					
Number of orders	18,889	13,363	13,363	4,984	1,889
Amount of orders	53,303,329	39,783,948	30,657,140	16,792,260	7,344,731
International money order Dispatched					
Number of orders	2,720	1,256	161	548	157
Amount of orders	35,142,589	13,088,414	1,323,426	6,248,280	2,024,800
International money order (Receipts)					
Number of orders	0	0	1	0	0
Amount of orders	0	0	3,000	0	0
Others					
Number of pensioners	1,833	1,839	1,392	1,298	1,207
Amount of pensioners	56,065,814	57,171,344	59,016,676	57,409,045	41,900,359
WUMT Receipts					
Numbers	22,189	31,634	39,966	37,816	38,065
Amount (USD)	9,943,621.00	14,279,136.00	17,391,165	14,569,764.00	14,210,252
WUMT Sent					
Numbers	1,389	973	170	129	6
Amount (USD)	568,883.43	268,718.00	36,848	32,260.00	2,003

Note: WUMT refers to western union money transfer
Source: Bhutan Postal Corp. Ltd.

Table 8.20: Volume of Mail, by Type of Article, DHL, 2015 - 2019

Type of Service	2015	2016	2017	2018	2019
Inbound					
Documents (DOX)	5,760	5,200	5,820	6,120	6,201
World wide Express (WPX)	2,592	2,100	2,510	3,213	3,810
Outbound					
Documents (DOX)	2,753	2,550	2,725	2,980	3,010
World wide Express (WPX)	426	432	498	591	677
Revenue Earnings (In Million Nu.)	20.10	19.10	19.80	20.40	22.00
Total mail items	11,531	10,282	11,553	12,904	13,698

Source: DHL Courier Service.

Electricity is the main energy source of lighting in 99 percent of households in Bhutan as per the Bhutan Living Standard Survey (BLSS) 2017. It is also the most widely used sources of energy for cooking with 94.9 percent households. Electricity generation, though still relatively small in comparison with the rest of the world is growing in importance. In the recent past, electricity generation was based on small diesel generating and micro hydro stations, providing limited supply of electricity, which was supplemented by imports from India. However, that is not case today as Bhutan exports hydro-electricity significantly and generates maximum revenue to the Bhutanese economy.

The economy of the country is largely driven by hydro-power generations and development. Hydropower plants contribute significantly to the overall GDP growth, both during constructions and operation phases. With the commissioning of the first two units of Chhukha Hydro Projects in 1986, and the other two units in 1988 Bhutan substantially increased its electricity generation.

The Chhukha hydro-power with the installed capacity of 336 MW, the Kurichu Hydro power with 60 MW, Basochu hydro power with 64 MW, Tala hydro Power with 1,020 MW and Dagachhu hydro-power with 126 MW generated 1,687.71 MU, 395.46 MU, 306.47 MU, 4,535.71 MU and 399.29 MU respectively in 2019. With the commissioning of Mangdechhu hydro-power project in 2019 with the installed capacity of 720 MW, it has generated 1,532.28 MU. In 2019, the total electricity generation was 8,856.92 MU. Other forms of energy such as diesel generator generated 5,605 KWh in 2019. Figure 9.1 shows the electricity generation by power station, 2019.

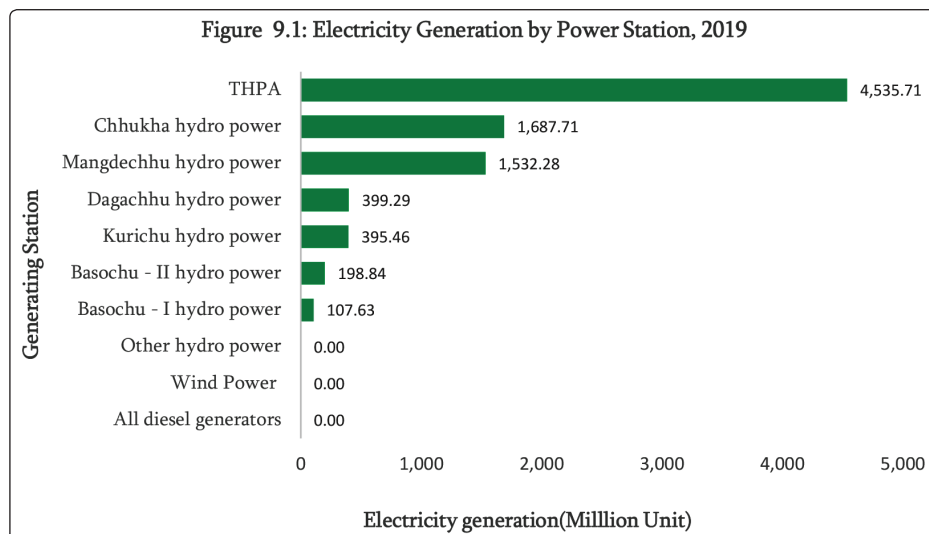


Table 9.1: Details of Domestic Electrical Energy Consumption, 2015 - 2019

Details	2015	2016	2017	2018	2019
Towns electrified (numbers)	57	55	51	44	46
Villages electrified (numbers)	3,719	3,786	3,909	4,065	4,006
Total Consumers ('000)	168.3	176.4	182.5	193.0	202.4
Sales of energy (Nu.in million)	4,576.3	4,771.6	4,913.9	7,055.3	5,203.1
Per capita energy consumption (kWh)	2,804.28	2,673.07	3,085.64	3,264.22	3,164.55

Note: Number of towns have been modified by BPC

Details of towns and villages can be found in the power Infrastructure sheet on page 31.

The Revenue from sale of electricity during 2018 increased because of amount of subsidy paid to BPC from MOF which is included in the amount for 2018.

The Revenue from energy sales has gone up partly because of actual energy costs (Nu. 5.81 per unit) vis-à-vis subsidy from MoF

The Revenue from energy sales during 2019 does not include the subsidy from MoF.

The Population figures from 2017 has been re-edited based on the Population and Housing census by NSB.

Therefore, the percapita energy consumption for 2017 and 2018 also increased due to the decrease in population.

Source: Department of Hydropower & Power Systems, MoEA and BPCL.

Table 9.2: Consumption of Electricity by Type of Consumer, 2019

Type of Consumer	Energy Sales (MU)	% of Total Sales	No. of Consumers
Rural Residential	124.54	5.5	112,547
Rural Cooperatives	0.34	0.0	454
Rural Micro Trade	2.49	0.1	1,395
Rural Community Lhakhangs	2.16	0.1	1,414
High land consumers	0.26	0.0	1,311
Urban	140.08	6.1	52,488
Religious Institutions	4.59	0.2	709
Cottage and Small Industries	0.42	0.0	615
Commercial	73.18	3.2	14,603
Industrial	10.09	0.4	247
Agriculture	2.37	0.1	2,768
Institutions	67.40	3.0	7,942
Street Lighting	4.60	0.2	620
Power House Auxiliaries	1.27	0.1	44
Temporary Connections	31.23	1.4	4,378
Total LV Bulk Consumption	81.00	3.6	801
Total MV Consumption	128.11	5.6	73
Total HV Consumption	1606.52	70.4	17
Gross consumption (KWh)	2280.63	100.0	202,426

Source: Department of Hydropower & Power Systems, MoEA and BPC.

Table 9.3: Total Electricity Generation and Supply, 2015 - 2019

Details	2015	2016	2017	2018	2019
Installed capacity (MW)	1,614.1	1,623.0	1,622.7	1,622.7	2,341.5
Chhukha hydro power	336.0	336.0	336.0	336.0	336.0
Kurichu hydro power	60.0	60.0	60.0	60.0	60.0
Basochu - I hydro power	24.0	24.0	24.0	24.0	24.0
Basochu - II hydro power	40.0	40.0	40.0	40.0	40.0
THPA	1,020.0	1,020.0	1,020.0	1,020.0	1,020.0
Dagachhu hydro power	126.0	126.0	126.0	126.0	126.0
Mangdechhu hydro power	...	...	...	...	720.0
Other hydro power	8.1	8.1	8.1	8.1	8.1
All diesel generators	8.0	8.9	8.0	8.0	6.8
Wind Power (MW)	...	0.6	0.6	0.6	0.6
Electricity generation (MU)	7,747.2	7,953.6	7,729.8	6,959.8	8,856.92
Chhukha hydro power	1,867.4	1,929.7	1,883.2	1,704.0	1,687.71
Kurichu hydro power	379.0	390.7	389.6	380.0	395.46
Basochu - I hydro power	113.2	116.7	122.5	109.6	107.63
Basochu - II hydro power	199.5	206.0	216.4	196.0	198.84
THPA	4,821.7	4,924.5	4,645.1	4,185.0	4,535.71
Dagachhu hydro power	350.3	374.2	460.4	366.0	399.29
Mangdechhu hydro power					1,532.28
Other hydro power	16.0	11.0	11.2	18.1	0.00
All diesel generators	0.0	0.0	0.3	0.0	0.00
Wind Energy (MU)	...	0.7	1.1	1.1	0.00
Total Exports (MU)	5,383.2	5,763.1	5,701.0	4,580.9	6,146.60
Total Imports (MU)	124.5	86.6	91.9	134.0	96.37
Import by Gencos (MU)	119.8	84.2	91.7	133.7	96.32
Import from WBSEB - BPC (MU)	4.5	2.3	0.1	0.3	0.00
Import from ASEB - BPC (MU)	0.2	0.1	0.1	0.1	0.05
Total energy requirement(MU)	2,123.0	2,054.5	2,243.7	2,397.2	2,347.06
Total energy sales (MU)	2,057.1	2,008.9	2,185.7	2,328.4	2,280.63
Energy losses (MU)	(7,196.0)	(7601.25)	(7703.10)	184.5	526.06
Percentage losses (%)	(339.0)	(370.00)	(343.00)	(277.00)	22%
Peak system demand (MW)	336.5	335.9	362.1	399.4	387.66
Length of HT lines (33/11 KV)					
Overhead lines (km)	5,705.6	6,286.1	6,310.9	6,554.4	6,400.12
Underground lines (km)	105.7	114.9	158.9	119.4	126.94
Overhead ABC Conductor (km)	114.5	129.0	132.6	142.2	180.09
Length of LT lines					
Overhead lines (km)	1,558.0	1,741.5	1,741.5	1,576.7	1,578.56
Underground lines (km)	368.5	396.7	321.7	320.0	404.11
Overhead ABC Conductor (km)	6,193.8	6,361.7	6,892.8	9,037.9	9,069.79

Source: Department of Hydropower & Power Systems, MoEA & BPCL.

Table 9.4: Hydro Generating Stations and Their Capacities, 2015 - 2019

Generating Stations	Year of Commissioning	2015			
		Installed Capacity	Generating Capacity	Peak Generation	Energy Generation
		(No. x MW)	(MW)	(MW)	(GWh)
Large Hydroelectric plants					
Chhukha	1986-88	4X84.0	336.0	368.0	1867.4
Kurichu (Mongar)	2001	4X15.0	60.0	66.4	379.0
Basochu..I (W/phodrang)	2002	2X12.0	24.0	24.0	113.2
Basochu..II (W/phodrang)	2004	2X20.0	40.0	40.0	199.5
Tala (Chukha)	2006-07	6X170.0	1020.0	1122.0	4821.7
Dagachu (Dagana)	2015	2X63.0	108.0	100.8	350.3
Mangdechhu (Trongsa)	2019	...	...	...	...
Total		1606.0	1588.0	1721.2	7731.1
Mini and Micro Hydels		(No. x kW)	(kW)	(MW)	
Jushina (Thimphu)	1967	4x90	...	0.2	0.9
Hesothangkha (Wangdue)	1972	3x100	...	0.1	0.4
Chenari (Tashigang)	1972	3x250	...	0.0	0.0
Gidakom (Thimphu)	1973	5x250	...	0.6	4.9
Khalanzi (Mongar)	1976	3x130	...	0.0	0.0
Chumey (Bumthang)	1988	3x500	...	0.0	0.0
Gangzur (Lhuentse)	2000	2x60	...	0.1	0.4
Rukubji (Wangdue)	1986-87	1x40	...	-	0.6
Tangsibji (Trongsa)	-do-	1x30	...	0.0	0.3
Sherabling (Trongsa)	-do-	1x50	...	0.0	0.0
Bubja (Trongsa)	-do-	1x30	...	0.0	0.0
Tamzhing (Bumthang)	-do-	1x30	...	...	0.0
Ura (Bumthang)	-do-	1x50	...	...	0.2
Surey (Sarpang)	-do-	Dismantled	...	0.0	0.0
Kekhar (Zhemgang)	-do-	1x20	...	...	0.0
Changchey (Tsirang)	1991	2x100	...	0.1	0.1
Tingtibi (Zhemgang)	1992	2x100	...	0.1	0.0
Darachhu (Dagana)	1992	2x100	...	0.1	0.3
Lingzhi (Thimphu)	1999	1x8	...	...	...
Rangjung (Tashigang)	1996	2x1100	...	1.1	7.1
Rongchu (Lhuentse)	2001	2x100	...	0.0	0.7
Chendebji (Trongsa)	2005	1x70	...	0.0	0.1
Sengor (Mongar)	2007	1x100	...	...	0.1
Total		8098.000	...	2.4	16.0

cont...

Table 9.4 cont...

Generating Stations	Year of Commissioning	2016			
		Installed Capacity	Generating Capacity	Peak Generation	Energy Generation
		(No. x MW)	(MW)	(MW)	(GWh)
Large Hydroelectric plants					
Chhukha	1986-88	4X84.0	360.0	368.0	1929.7
Kurichu (Mongar)	2001	4X15.0	60.0	64.0	390.7
Basochu..I (W/phodrang)	2002	2X12.0	24.0	24.0	116.7
Basochu..II (W/phodrang)	2004	2X20.0	40.0	40.0	206.0
Tala (Chukha)	2006-07	6X170.0	1020.0	1122.0	4924.5
Dagachu (Dagana)	2015	2X63.0	108.0	118.0	374.2
Mangdechhu(Trongsa)	2019	...	...	...	...
Total		1606.0	1612.0	1736.0	7941.8
Mini and Micro Hydels		(No. x kW)	(kW)	(MW)	
Jushina (Thimphu)	1967	4x90	...	0.2	1.3
Hesothangkha (Wangdue)	1972	3x100	...	0.7	0.1
Chenari (Tashigang)	1972	3x250	...	0.0	0.0
Gidakom (Thimphu)	1973	5x250	...	0.7	4.7
Khalanzi (Mongar)	1976	3x130	...	0.0	0.0
Chumey (Bumthang)	1988	3x500	...	0.0	0.0
Gangzur (Lhuentse)	2000	2x60	...	0.0	0.0
Rukubji (Wangdue)	1986-87	1x40	...	...	0.0
Tangsibji (Trongsa)	-do-	1x30	...	0.0	0.0
Sherabling (Trongsa)	-do-	1x50	...	0.0	0.0
Bubja (Trongsa)	-do-	1x30	...	0.0	0.0
Tamzhing (Bumthang)	-do-	1x30	...	...	0.0
Ura (Bumthang)	-do-	1x50	...	...	0.3
Surey (Sarpang)	-do-	Dismantled	...	0.0	0.0
Kekhar (Zhemgang)	-do-	1x20	...	...	0.0
Changchey (Tsirang)	1991	2x100	...	0.7	0.3
Tingtibi (Zhemgang)	1992	2x100	...	0.1	0.1
Darachhu (Dagana)	1992	2x100	...	0.3	0.4
Lingzhi (Thimphu)	1999	1x8	...	...	...
Rangjung (Tashigang)	1996	2x1100	...	0.7	2.8
Rongchu (Lhuentse)	2001	2x100	...	0.5	0.8
Chendebji (Trongsa)	2005	1x70	...	0.1	0.2
Sengor (Mongar)	2007	1x100	...	0.0	0.0
Total		8098.000	...	3.9	11.0

cont...

Table 9.4 cont...

Generating Stations	2017			
	Installed Capacity	Generating Capacity	Peak Generation	Energy Generation
	(No. x MW)	(MW)	(MW)	(GWh)
Large Hydroelectric plants				
Chhukha	4X84.0	360.0	368.0	1883.2
Kurichu (Mongar)	4X15.0	60.0	66.0	389.6
Basochu..I (W/phodrang)	2X12.0	24.0	24.9	122.5
Basochu..II (W/phodrang)	2X20.0	40.0	40.3	216.4
Tala (Chukha)	6X170.0	1020.0	1122.0	4645.1
Dagachu (Dagana)	2X63.0	108.0	126.8	460.4
Mangdechhu(Trongsa)	...	...	...	...
Total	1606.0	1612.0	1748.0	7256.8
Mini and Micro Hydels	(No. x kW)	(kW)	(MW)	(GWh)
Jushina (Thimphu)	4x90	...	0.1	0.3
Hesothangkha (Wangdue)	3x100	...	0.1	0.2
Chenari (Tashigang)	3x250	...	0.0	0.0
Gidakom (Thimphu)	5x250	...	0.7	4.1
Khalanzi (Mongar)	3x130	...	0.0	0.8
Chumey (Bumthang)	3x500	...	0.0	0.0
Gangzur (Lhuentse)	2x60	...	0.0	0.1
Rukubji (Wangdue)	1x40	...	...	0.0
Tangsibji (Trongsa)	1x30	...	0.0	0.0
Sherabling (Trongsa)	1x50	...	0.0	0.0
Bubja (Trongsa)	1x30	...	0.0	0.0
Tamzhing (Bumthang)	1x30	...	...	0.0
Ura (Bumthang)	1x50	...	...	0.0
Surey (Sarpang)	1x20	...	0.0	0.0
Kekhar (Zhemgang)	Dismantled	...	...	0.0
Changchey (Tsirang)	2x100	...	0.1	0.2
Tingtibi (Zhemgang)	2x100	...	0.1	0.3
Darachhu (Dagana)	2x100	...	0.3	0.5
Lingzhi (Thimphu)	1x8	...	...	...
Rangjung (Tashigang)	2x1100	...	1.4	4.2
Rongchu (Lhuentse)	2x100	...	0.2	0.4
Chendebji (Trongsa)	1x70	...	0.0	0.0
Sengor (Mongar)	1x100	...	0.1	0.0
Total	8098.000	...	3.0	11.2

Table 9.4 cont...

Generating Stations	Year of Commissioning	2018			
		Installed Capacity	Generating Capacity	Peak Generation	Energy Generation
		(No. x MW)	(MW)	(MW)	(GWh)
Large Hydroelectric plants					
Chhukha	1986-88	4X84.0	360.0	369.2	1704.0
Kurichu (Mongar)	2001	4X15.0	60.0	66.0	380.0
Basochu..I (W/phodrang)	2002	2X12.0	24.0	24.9	109.6
Basochu..II (W/phodrang)	2004	2X20.0	40.0	40.3	196.0
Tala (Chukha)	2006-07	6X170.0	1020.0	1122.0	4185.0
Dagachu (Dagana)	2015	2X63.0	108.0	126.0	366.0
Mangdechhu(Trongsa)	2019	...	...	...	...
Total		1606.0	1612.0	1748.4	6940.6
Mini and Micro Hydels		(No. x kW)	(kW)	(MW)	(GWh)
Jushina (Thimphu)	1967	4x90	...	0.4	2.1
Hesothangkha (Wangdue)	1972	3x100	...	0.1	0.3
Chenari (Tashigang)	1972	3x250	...	0.0	0.0
Gidakom (Thimphu)	1973	5x250	...	0.6	3.3
Khalanzi (Mongar)	1976	3x130	...	0.2	1.3
Chumey (Bumthang)	1988	3x500	...	1.7	4.6
Gangzur (Lhuentse)	2000	2x60	...	0.0	0.0
Rukubji (Wangdue)	1986-87	1x40	...	...	0.0
Tangsibji (Trongsa)	-do-	1x30	...	0.0	0.0
Sherabling (Trongsa)	-do-	1x50	...	0.1	0.1
Bubja (Trongsa)	-do-	1x30	...	0.0	0.0
Tamzhing (Bumthang)	-do-	1x30	...	0.0	0.0
Ura (Bumthang)	-do-	1x50	...	0.0	0.0
Surey (Sarpang)	-do-	1x20	...	0.0	0.0
Kekhar (Zhemgang)	-do-	Dismantled	...	0.0	0.0
Changchey (Tsirang)	1991	2x100	...	0.1	0.4
Tingtibi (Zhemgang)	1992	2x100	...	0.1	0.6
Darachhu (Dagana)	1992	2x100	...	0.3	0.2
Lingzhi (Thimphu)	1999	1x8	...	...	...
Rangjung (Tashigang)	1996	2x1100	...	1.3	5.0
Rongchu (Lhuentse)	2001	2x100	...	0.0	0.0
Chendebji (Trongsa)	2005	1x70	...	0.0	0.1
Sengor (Mongar)	2007	1x100	...	0.0	0.0
Total		8098.000	...	4.9	18.1

cont...

Table 9.4 cont...

Generating Stations	Year of Commissioning	2019			
		Installed Capacity	Generating Capacity	Peak Generation	Energy Generation
		(No. x MW)	(MW)	(MW)	(GWh)
Large Hydroelectric plants					
Chhukha	1986-88	4X84.0	360.0	369.2	1687.7
Kurichu (Mongar)	2001	4X15.0	60.0	66.0	395.5
Basochu..I (W/phodrang)	2002	2X12.0	24.0	24.9	107.6
Basochu..II (W/phodrang)	2004	2X20.0	40.0	40.3	198.8
Tala (Chukha)	2006-07	6X170.0	1020.0	1122.0	4535.7
Dagachu (Dagana)	2015	2X63.0	108.0	126.0	399.3
Mangdechhu(Trongsa)	2019	4X170	720.0	669.0	1532.3
Total		2286.0	2332.0		8856.9
Mini and Micro Hydels		(No. x kW)	(kW)	(MW)	(GWh)
Jushina (Thimphu)	1967	4x90	...	1.6	1.3
Hesothangkha (Wangdue)	1972	3x100	...	0.7	0.4
Chenari (Tashigang)	1972	3x250	...	0.0	0.0
Gidakom (Thimphu)	1973	5x250	...	0.0	2.1
Khalanzi (Mongar)	1976	3x130	...	0.3	0.8
Chumey (Bumthang)	1988	3x500	...	1.6	4.8
Gangzur (Lhuentse)	2000	2x60	...	0.0	0.0
Rukubji (Wangdue)	1986-87	1x40	...	0.0	0.0
Tangsibji (Trongsa)	-do-	1x30	...	0.0	0.0
Sherabling (Trongsa)	-do-	1x50	...	0.0	0.1
Bubja (Trongsa)	-do-	1x30	...	0.0	0.0
Tamzhing (Bumthang)	-do-	1x30	...	0.0	0.0
Ura (Bumthang)	-do-	1x50	...	0.0	0.0
Surey (Sarpang)	-do-	1x20	...	0.0	0.0
Kekhar (Zhemgang)	-do-	Dismantled	...	0.0	0.0
Changchey (Tsirang)	1991	2x100	...	0.1	0.3
Tingtibi (Zhemgang)	1992	2x100	...	0.1	0.4
Darachhu (Dagana)	1992	2x100	...	0.1	0.3
Lingzhi (Thimphu)	1999	1x8	...	...	...
Rangjung (Tashigang)	1996	2x1100	...	1.6	6.9
Rongchu (Lhuentse)	2001	2x100	...	0.2	0.3
Chendebji (Trongsa)	2005	1x70	...	0.0	0.0
Sengor (Mongar)	2007	1x100	...	...	0.1
Total		8098.000	...	6.4	17.8

Note: The generating capacity of power plants are not available, so the generating capacity and peak generation from last year (2011) where applicable has been used.

Source: Department of Hydropower & Power Systems, MoEA.

Table 9.5: Details of Diesel Generator Sets, 2019

Dzongkhag	No. & Rating of Machines (No.X kVA)	Total Capacity (kVA)	Energy Generated (KWh)
Bumthang		1,140.0	0.0
	DG set - I (380 kVA)	380.0	0.0
	DG set - II(380 kVA)	380.0	0.0
	DG set - III(380 kVA)	380.0	0.0
Chhukha		505.0	2,115.0
	DG set (380 kVA)	380.0	2,115.0
	DG set (125 kVA)	125.0	0.0
Dagana		380.0	0.0
	DG set(380 kVA)	380.0	0.0
Gelephu		1,183.0	0.0
	DG set (350kVA)	350.0	0.0
	DG set (318 kVA)	318.0	0.0
	DG set (515kVA)	515.0	0.0
Monggar		380.0	0.0
	DG set (380 kVA)	380.0	0.0
Pema Gatshel		380.0	0.0
	DG set (380 kVA)	380.0	0.0
Samdrup Jongkhar		380.0	0.0
	DG set (380 kVA)	380.0	0.0
Thimphu		3,140.0	3,490.0
	DG set (10 kVA)	10.0	0.0
	DG set (1250 kVA)	1,250.0	600.0
	DG set (1250 kVA)	1,250.0	2,890.0
	DG set (125 kVA)	125.0	0.0
	DG set (380 kVA)	380.0	0.0
	DG set (125 kVA)	125.0	0.0
Trongsa		250.0	0.0
	DG set (250 kVA)	250.0	0.0
Trashigang		380.0	0.0
	DG set(380 kVA)	380.0	0.0
Trirang		380.0	0.0
	DG set (380 kVA)	380.0	0.0
Zhemgang		380.0	0.0
	DG set (380 kVA)	380.0	0.0
Samtse		50.0	0.0
	DG set (50 kVA)	50.0	0.0
Total	(8,928 kVA)	8,928.0	5,605.0

Source: Department of Hydropower & Power Systems, MoEA.

Table 9.6: Major Transmission Lines, 2019

Sl. No.	Line Name	No. of Towers	400kV line length (KM)		220kV Line length (KM)		132kV line length (KM)		66kV line length (KM)				Conductor type	Year of Commissioning
			D/C	S/C	D/C	S/C	D/C	S/C	D/C	S/C	D/C	UG		
1	Tala-Khogla	104.00	24.62	...	...	...	...	...	...	...	...	...	Twin Moose ACSR	2006
2	Tala-Malbase-Pagli (India)	48.00	49.53	...	...	...	...	...	...	...	...	...	Twin Moose ACSR	2006
3	Chukha-Gedu-India Boarder	97.00	...	...	35.78	...	...	...	...	...	...	...	Zebra ACSR	1986
4	Chukha-Gedu-Malbase	95.00	...	29.84	...	...	...	...	...	...	...	...	Zebra ACSR	1989
5	Chukha-Semtokha	144.00	...	54.01	...	...	...	...	...	...	...	...	Zebra ACSR	1989
6	Semtokha-Rurichhu	106.00	...	44.90	...	...	...	...	...	...	...	...	Zebra ACSR	2004
7	Rurichhu-Tsirang	114.00	...	46.60	...	...	...	...	...	...	...	...	Zebra ACSR	2008
8	Malbase-India border (Birpara), India	6.00	...	4.08	...	...	...	...	...	...	...	...	Zebra ACSR	1989
9	Malbase-Singhigaon Feeder-I	6.00	...	2.61	...	...	...	...	...	...	...	...	Zebra ACSR	2006
10	Malbase-Singhigaon Feeder-II	12.00	...	...	...	...	...	...	...	...	...	...	Zebra ACSR	2006
11	Kurichhu-Kilikhar	28.00	...	...	...	...	10.06	...	...	...	...	...	Panther ACSR	2001
12	Kilikhar-Kanglung	81.00	...	...	...	...	29.71	...	...	...	...	...	Panther ACSR	2002
13	Kilikhar-Tangmachhu (Lhuentse)	114.00	...	...	...	...	42.80	...	...	...	...	...	Panther ACSR	2005
14	Kurichhu-Nangkhor	98.00	...	...	...	...	31.08	...	...	...	...	...	Panther ACSR	2001
15	Nangkhor-Deothang	60.00	...	...	...	...	23.30	...	...	...	...	...	Panther ACSR	2001

cont...

Table 9.6 cont...

Sl. No.	Line Name	No. of Towers	400kV line length (KM)		220kV line length (KM)		132kV Line length (KM)		66kV line length (KM)				Conductor type	Year of Commissioning
			D/C	S/C	D/C	S/C	D/C	S/C	D/C	S/C	Q/C	UG		
16	Nangkhor-Nganglam	102.00	...	...	...	...	33.79	...	...	...	...	...	Panther ACSR	2002
17	Nganglam-Tingtibi	246.00	...	...	...	...	83.30	...	...	...	...	...	Panther ACSR	2002
18	Gelephu-Pelrithang (Lodrai)	122.00	...	...	...	...	10.78	...	...	...	...	...	Panther ACSR	2002
19	Pelrithang (Lodrai)-Tingtibi	20.00	...	...	...	...	34.96	...	...	...	...	...	Panther ACSR	2002
20	Gelephu-India Border	1.00	...	...	...	...	0.10	...	...	...	...	...	Panther ACSR	1988
21	Deothang-Motanga	38.00	...	...	...	...	10.45	...	...	...	...	...	Panther ACSR	2007
22	Motanga-India Border	...	...	...	...	...	0.00	...	...	...	...	...	Panther ACSR	2008
23	Tintibi-Yurmoo	83.00	...	...	...	...	32.63	...	...	...	...	...	Panther ACSR	2008
24	Chhukha-Chumdo	200.00	...	...	...	...	...	...	36.98	...	...	...	Dog ACSR	1983
25	Chumdo-Khasadrapchu	...	...	...	...	...	...	...	4.78	...	...	...	Dog ACSR	2005
26	Khasadrapchu-Olakha	...	...	...	...	...	...	...	11.74	...	...	...	Dog ACSR	2005
27	Khasadrapchu-Jemina	23.00	...	...	...	...	...	...	...	...	...	...	Dog ACSR	2005
28	Chumdo-Paro	84.00	...	...	...	...	...	...	24.01	...	...	...	Dog ACSR	1987
29	Chumdo-Haa	123.00	...	...	...	...	...	...	33.40	...	...	...	Dog ACSR	1987
30	Watcha Tie Line	4.00	...	...	...	...	...	...	0.50	...	...	...	Dog ACSR	1987
31	Semitokha-Olakha	7.00	...	...	...	...	...	...	1.70	...	...	...	Dog ACSR	1995

cont...

Table 9.6 cont...

Sl. No.	Line Name	No. of Towers	400kV line length (KM)		220kV line length (KM)		132kV Line length (KM)		66kV Line length (KM)				Conductor type	Year of Commissioning
			D/C	S/C	D/C	S/C	D/C	S/C	D/C	S/C	D/C	Q/C	UG	
32	Semtokha-Lobeysa	81.00	...	...	...	...	...	...	24.43	...	...	...	Dog ACSR	1986
33	Lobeysa-Rurichhu	76.00	...	...	...	...	...	...	20.30	...	...	...	Dog ACSR	1995
34	Rurichhu-Hebisa	14.00	...	...	...	...	...	...	3.08	...	...	...	Dog ACSR	1995
35	Semtokha-Dechencholing	46.00	...	...	...	...	...	...	11.45	...	...	...	Dog ACSR	2005
36	Chhukha-Gedu	73.00	...	...	...	...	...	...	20.40	...	...	...	Dog ACSR	1989
37	Gedu-Phuentsholing	67.00	...	...	...	...	...	...	16.70	...	...	...	Dog ACSR	1983
38	Phuentsholing-Gomtu	95.00	...	...	...	...	...	...	26.90	...	...	...	Dog ACSR	1986
39	Malbase-Phuentsholing	24.00	...	...	...	...	...	...	8.69	...	...	...	Dog ACSR	2008
40	Malbase-Pasakha (multi-circuit)	17.00	...	...	...	...	...	...	...	...	...	3.41	Dog ACSR	2008
41	Malbase-Samtse-Singhigaon	107.00	...	...	41.64	...	...	...	...	...	...	...	Zebra ACSR	2014
42	Samtse-Sibso	96.00	...	...	...	...	...	...	26.96	...	...	...	Wolf ACSR	2013
43	Samtse-Gomtu	53.00	...	...	...	...	...	...	14.85	...	...	...	Wolf ACSR	2013
44	Yurmoo-Trongsa	73.00	...	...	...	...	...	...	20.94	...	...	...	Wolf ACSR	2008
45	Yurmoo-Bumthang	134.00	...	...	...	...	...	...	34.86	...	...	...	Wolf ACSR	2008
46	Tsirang-Jigmeling	69.00	...	...	30.57	...	...	...	...	...	...	...	Zebra ACSR	2013
47	Tsirang-Dagachu Pot-head yard	56.00	...	...	20.20	...	...	...	...	...	...	...	Zebra ACSR	2013

cont...

Table 9.6 cont...

Sl. No.	Line Name	No. of Towers	400kV line length (KM)		220kV line length (KM)		132kV Line length (KM)		66kV line length (KM)				Conductor type	Year of Commissioning
			D/C	S/C	D/C	S/C	D/C	S/C	S/C	D/C	Q/C	UG		
48	Jigmeling-Pelritang (Lodrai)	28.00	...	...	10.42	...	...	...	...	...	...	...	Zebra ACSR	2013
49	Tshendengang-Dagapela (LILO)	20.00	...	...	4.40	...	...	...	...	...	...	...	Zebra ACSR	2013
50	Khasadrapchu-Olakha	...	...	...	...	...	...	...	...	...	...	1.00	UG cable	2013
51	Pasakha Industrial Area	...	...	...	...	...	...	...	...	...	...	5.02	UG cable	2009
52	Motanga-Phuntshothang	61.00	...	...	...	...	21.59	...	...	...	...	...	Panther ACSR	08.Jul.2017
53	Jizhikha-Pangbesa	9.00	...	...	...	...	...	...	...	1.95	...	...	Wolf ACSR	12.Jun.2018
54	Mangdechhu-Jigmeling Line A	183.00	85.11	...	...	...	...	...	...	...	...	...	Twin Moose ACSR	13.Oct.2018
55	Mangdechhu-Jigmeling Line B	187.00	84.65	...	...	...	...	...	...	...	...	...	Twin Moose ACSR	13.Oct.2018
56	Mangdechhu-Yurmoo	8.00	...	...	...	...	1.84	...	...	...	...	...	Panther ACSR	31.Dec.2019
57	Jigmeling-Bhur-Alipurduar (India)	12.00	4.75	...	...	...	...	...	...	...	...	...	Quad Moose ACSR	13.Oct.2018
58	Jigmeling-PHP II Pothead yard	147.00	64.98	...	...	...	...	...	...	...	...	...	Twin Moose ACSR	28.Jun.2019
59	PHP II pothead yard-Lamoizinkha	212.00	80.81	...	...	...	...	...	...	...	...	...	Twin Moose ACSR	28.Jun.2019
60	Jemina-Changedaphu	35.00	...	...	...	...	...	...	...	9.56	...	...	Wolf ACSR	08.Oct.2019
61	Mirung-Corlung	50.00	...	...	...	...	19.00	...	...	...	...	...	Panther ACSR	03.Mar.2018
62	Kanglung-Phuntshothang	115.00	...	...	...	...	52.00	...	...	...	...	...	Panther ACSR	31.Oct.2019
63	Motanga-Nganglam	94.00	...	...	...	...	35.00	...	...	...	...	...	Panther ACSR	07.Oct.2019
Total			4408.00	182.04	143.01	342.96	129.43	300.86	59.28	3.41	6.02			

Source: Department of Hydropower & Power Systems, MoEA.

Table 9.7: Monthly Revenue From Sale of Energy from Chhukha Power Plant, 2015 - 2019

(In Million Nu.)

Month	2015			2016			2017			2018			2019		
	Export	Internal	Total	Export	Internal	Total	Export	Internal	Total	Export	Internal	Total	Export	Internal	Total
January	68.90	49.40	118.30	83.96	47.19	131.15	120.54	100.03	220.58	31.76	104.36	136.12	6.67	94.58	101.24
February	37.35	42.24	79.60	42.01	43.30	85.32	52.39	78.43	130.82	0.00	90.79	90.79	16.91	78.34	95.25
March	69.84	39.23	109.07	72.87	41.40	114.27	109.92	96.11	206.03	0.00	94.34	94.34	78.43	84.57	163.00
April	322.04	26.94	348.98	216.36	38.73	255.09	339.89	67.57	407.45	59.43	74.17	133.61	336.98	67.14	404.11
May	354.83	10.84	365.67	234.60	39.99	274.59	321.10	60.40	381.50	313.92	58.55	372.47	353.70	60.32	414.02
June	483.13	1.63	484.76	435.61	31.40	467.01	468.27	56.40	524.67	456.01	55.96	511.97	317.76	55.31	373.08
July	624.09	0.00	624.09	686.97	52.21	739.18	813.82	67.31	881.13	796.42	63.08	859.49	734.21	60.61	794.82
August	616.15	0.00	616.15	687.53	52.21	739.74	790.18	71.25	861.42	801.81	66.15	867.96	758.09	58.15	816.24
September	616.69	11.47	628.16	677.92	46.61	724.53	707.62	68.69	776.31	694.07	62.16	756.24	704.65	60.57	765.21
October	472.73	25.13	497.86	802.27	49.56	851.83	588.18	70.25	658.42	356.91	70.74	427.65	603.14	62.12	665.26
November	222.71	40.63	263.34	415.22	69.28	484.50	255.98	88.06	344.04	139.11	91.19	230.30	225.03	79.10	304.13
December	123.48	47.68	171.16	208.31	62.41	270.73	113.44	108.36	221.80	38.33	99.50	137.83	96.09	92.60	188.69
Total	4011.96	295.19	4307.15	4563.64	574.29	5137.93	4681.31	932.87	5614.18	3687.77	931.01	4618.77	4231.66	853.41	5085.05

Note: Internal refers to the sale of energy by BPC only.

Source: Department of Hydropower & Power Systems, MoEA.

Table 9.8: Monthly Revenue From Sale of Energy From Tala Power Plant, 2015 - 2019

(In Million Nu.)

Month	2015			2016			2017			2018			2019		
	Export	Internal	Total	Export	Internal	Total	Export	Internal	Total	Export	Internal	Total	Export	Internal	Total
January	33.86	141.10	174.96	9.44	121.50	130.94	45.20	180.89	226.09	4.02	208.93	212.95	(29.48)	204.54	175.06
February	23.01	108.01	131.03	0.00	123.04	123.04	13.17	170.10	183.28	0.00	162.47	162.47	(16.72)	178.72	162.00
March	39.72	122.89	162.61	14.40	117.29	131.69	58.91	190.77	249.68	6.30	185.21	191.51	20.76	214.78	235.54
April	146.51	94.33	240.85	89.15	100.46	189.62	137.01	181.23	318.24	0.00	230.48	230.48	145.53	313.65	459.18
May	497.32	84.66	581.98	273.78	100.37	374.15	364.43	200.77	565.20	343.61	205.62	549.23	416.29	217.10	633.39
June	837.04	45.93	882.97	651.31	55.24	706.56	646.24	193.49	839.73	618.37	183.44	801.81	420.87	185.94	606.81
July	1,341.20	0.00	3,41.20	1,267.54	0.00	1,267.54	1,402.40	252.67	655.06	1,380.34	247.05	627.39	1,252.95	235.48	488.43
August	1,367.32	0.00	3,67.32	1,304.07	0.00	1,304.07	1,409.26	249.74	659.00	1,379.61	271.48	1,651.09	1,292.65	298.88	1,591.54
September	1,305.72	0.00	305.72	1,281.66	0.00	1,281.66	1,206.11	202.11	408.22	1,161.34	208.13	1,369.46	1,227.02	317.22	1,544.24
October	650.75	64.86	715.61	1,031.88	9.70	1,041.58	670.12	227.34	897.47	384.36	205.44	589.80	710.26	265.84	976.10
November	241.47	100.20	341.67	377.40	67.27	444.67	211.11	216.61	427.72	114.36	203.83	318.19	215.20	204.91	420.10
December	93.16	129.79	222.95	163.56	91.32	254.89	75.37	216.21	291.59	3.48	222.72	226.20	35.49	229.89	265.37
Total	6,577.10	891.77	468.87	6,464.21	786.19	7,250.40	6,239.32	2,481.94	8,721.26	5,395.79	2,534.80	7,930.59	5,690.82	2,866.95	8,557.76

Note: Internal refers to the sale of energy by BPC only.

Source: Department of Hydropower & Power Systems, MoEA.

Table 9.9: Monthly Revenue From Sale of Energy From Kurichu Power Plant, 2015 - 2019

(In Million Nu.)

Month	2015			2016			2017			2018			2019		
	Export	Internal	Total	Export	Internal	Total	Export	Internal	Total	Export	Internal	Total	Export	Internal	Total
January	0.00	43.83	43.83	48.89	0.00	48.89	0.00	23.27	23.27	0.00	23.78	23.78	0.00	21.41	21.41
February	0.00	37.92	37.92	43.66	0.00	43.66	0.00	19.13	19.13	0.00	19.99	19.99	0.00	18.59	18.59
March	0.00	42.48	42.48	48.09	0.00	48.09	0.00	27.23	27.23	0.00	27.12	27.12	0.00	26.43	26.43
April	0.00	32.13	32.13	18.81	0.00	18.81	0.00	43.26	43.26	0.00	37.29	37.29	0.00	47.33	47.33
May	30.27	26.62	56.89	10.34	6.79	17.13	19.70	46.34	66.04	10.97	55.14	66.12	19.03	57.59	76.62
June	36.81	26.45	63.26	0.00	26.55	26.55	28.25	49.08	77.32	27.01	51.90	78.91	28.67	49.71	78.38
July	37.23	18.48	55.70	0.00	30.53	30.53	26.59	54.70	81.29	35.63	49.83	85.46	33.73	48.89	82.63
August	33.75	27.08	60.83	0.00	33.55	33.55	35.18	49.01	84.19	24.96	54.53	79.49	30.64	54.33	84.97
September	33.59	11.03	44.63	0.00	27.54	27.54	33.04	49.77	82.81	30.93	50.38	81.31	32.61	49.62	82.23
October	19.60	13.50	33.10	0.00	26.63	26.63	30.46	48.23	78.69	8.71	57.55	66.26	22.77	48.41	71.18
November	0.00	28.49	28.49	0.00	0.00	0.00	0.00	40.79	40.79	0.00	37.92	37.92	0.00	35.88	35.88
December	0.00	42.85	42.85	19.87	0.00	19.87	0.00	30.51	30.51	0.00	27.46	27.46	0.00	25.77	25.77
Total	191.25	350.86	542.11	2,185.79	151.58	341.24	173.21	481.30	654.51	138.22	492.88	631.10	167.45	483.95	651.40

Note: Internal refers to the sale of energy by BPC only.

Source: Department of Hydropower & Power Systems, MoEA.

Table 9.10: Monthly Revenue From Sale of Energy From Dagachu Power Plant, 2015 - 2019

(In Million Nu.)

Month	2015			2016			2017			2018			2019		
	Export	Internal	Total	Export	Internal	Total	Export	Internal	Total	Export	Internal	Total	Export	Internal	Total
January	0.00	0.00	0.00	0.00	0.00	0.00	52.01	0.00	52.01	41.13	0.00	41.13	38.45	0.00	38.45
February	7.12	0.00	7.12	0.00	0.00	0.00	36.97	0.00	36.97	31.02	0.00	31.02	32.28	0.00	32.28
March	28.83	0.00	28.83	10.65	0.00	10.65	42.19	0.00	42.19	38.33	0.00	38.33	38.42	0.00	38.42
April	37.27	0.00	37.27	37.82	0.00	37.82	51.35	0.00	51.35	18.12	0.00	18.12	49.25	0.00	49.25
May	45.01	0.00	45.01	39.14	0.00	39.14	56.86	0.00	56.86	58.92	0.00	58.92	61.61	0.00	61.61
June	96.34	0.00	96.34	92.07	0.00	92.07	124.90	0.00	124.90	132.81	0.00	132.81	87.82	0.00	87.82
July	144.68	0.00	144.68	250.48	0.00	250.48	212.71	0.00	212.71	217.48	0.00	217.48	229.43	0.00	229.43
August	176.11	0.00	176.11	246.52	0.00	246.52	233.12	0.00	233.12	263.00	0.00	263.00	247.23	0.00	247.23
September	180.13	0.00	180.13	195.37	0.00	195.37	211.61	0.00	211.61	207.16	0.00	207.16	253.92	0.00	253.92
October	146.35	0.00	146.35	132.69	0.00	132.69	150.72	0.00	150.72	96.10	0.00	96.10	177.72	0.00	177.72
November	81.23	0.00	81.23	112.86	0.00	112.86	76.25	0.00	76.25	59.29	0.00	59.29	85.40	0.00	85.40
December	45.52	0.00	45.52	71.83	0.00	71.83	54.24	0.00	54.24	47.39	0.00	47.39	59.02	0.00	59.02
Total	3,003.59	0.00	988.59	3,205.42	0.00	1,189.42	1,302.93	0.00	1,302.93	1210.75	0.00	1210.75	1360.55	0.00	1360.55

Source: Department of Hydropower & Power Systems, MoEA.

Table 9.11: Monthly Revenue From Sale of Energy From Mangdechhu Power Plant, 2019
(In Million Nu.)

Month	2019		
	Export	Internal	Total
January	...	...	...
February	...	...	...
March	...	...	...
April	...	...	...
May	...	...	...
June	93.26	0.00	93.26
July	785.40	0.00	785.40
August	1,133.87	0.00	1,133.87
September	1,389.53	0.00	1,389.53
October	1,044.86	0.00	1,044.86
November	504.67	0.00	504.67
December	393.64	0.00	393.64
Total	5,345.23	0.00	5,345.23

Note: Mangdechhu powerplant was commissioned from June 2019.

Source: Department of Hydropower & Power Systems, MoEA.

The tourism industry in Bhutan began in 1974. The government agency, erstwhile Bhutan Tourism Corporation, controlled tourism until its privatization in 1991. The revenue generation from the tourism sector has increased from over USD 2 million in the late 1980's to over USD 85.41 million in 2018. The tourism industry in Bhutan enjoyed continued growth rate with the tourist arrivals in the country rising steadily during the 1990s through 2000, while in 2001 there was a comparative decrease in tourist arrivals owing to terrorism and outbreak of SARS. However, the industry saw growing number of international tourist arrival thereafter. In 2008 tourist arrivals had grown significantly than the usual trends owing to the Coronation and the Centenary celebrations where Bhutan had unprecedented media coverage. Also, the Smithsonian festival in 2008 also put Bhutan into the international limelight and must have contributed to the growth in numbers.

Bhutan remains a much admired destination throughout the global tourism industry, particularly in the high-end markets. This is attributed to the pristine state of the country's cultural and natural heritage, which attracts both an affluent and adventurous clientele, political stability and good governance, which ensures equitable and sustainable national development. In 2015, Bhutan celebrated the 60th birth anniversary of His Majesty the Fourth Druk Gyalpo, the Jewel of Bhutan. To commemorate this special year, Bhutan declared 2015 as "Visit Bhutan Year" to allow visitors from all over the world to join in the celebrations of the Bhutanese for a much loved and revered monarch. There is unequal distribution of tourist arrival in Bhutan in terms of time of their visit. Majority of tourist arrivals are in the month of March, April and May. Paro, Thimphu and Punakha received the largest number of tourist in 2019 also recorded maximum bed nights by Dzongkhag. "Culture and Nature" has always been the Unique Selling Proposition (USP) for the tourism industry of Bhutan.

This chapter presents key indicators/statistics on tourism industry. Most of the statistics is the number of visitor arrivals, considered as an immediate tangible yardstick to measure the performance of the industry. The chapter also captures information on revenue receipts contributed by tourism industry to the economy. Figure 10.1 gives the snapshot of top ten countries from where Bhutan received maximum tourist in 2019.

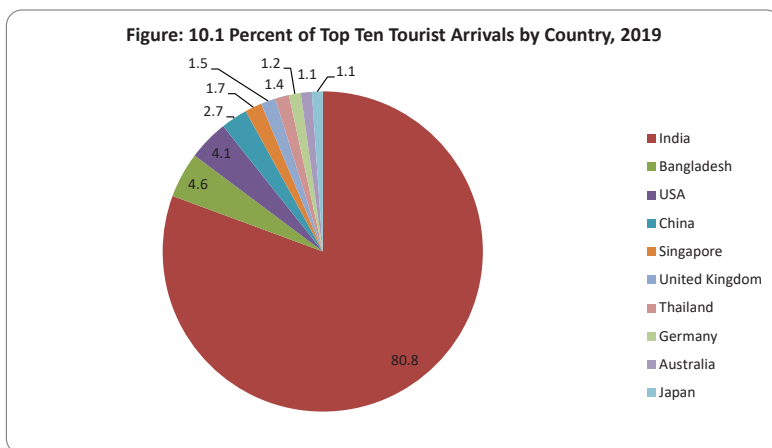


Table 10.1: Annual International Tourist Arrivals by Country and Region, 2015 - 2019

(Number)

Country	2015	2016	2017	2018	2019
AFRICA	112	99	106	135	128
East Africa	17	34	22	16	20
Comoros	0	1	0	0	0
Ethiopia	0	3	1	0	1
Kenya	10	12	9	12	13
Malawi	0	2	0	0	0
Mauritius	4	10	10	0	0
Mozambique	0	0	1	1	0
Tanzania	1	2	1	2	1
Uganda	1	2	0	0	4
Zimbabwe	1	2	0	1	1
Central Africa	2	0	1	1	1
Angola	1	0	0	0	0
Chad	1	0	1	1	1
North Africa	4	4	2	6	10
Algeria	2	0	2	1	2
Morocco	2	4	0	5	4
Tunisia	0	0	0	0	4
South Africa	80	58	75	99	81
Botswana	1	0	0	0	0
Namibia	5	5	1	1	2
South Africa	70	53	74	98	79
Swaziland	1	0	0	0	0
Other countries of Southern Africa (Motswana)	3	0	0	0	0
West Africa	9	3	6	13	16
Cote d'Ivoire	0	1	0	0	0
Ghana	1	1	1	0	0
Liberia	1	0	0	0	0
Mauritania	0	0	2	12	15
Nigeria	7	1	2	1	1
Senegal	0	0	1	0	0
AMERICAS	9,392	9,432	12,299	14,109	13,523

cont...

Table 10.1 cont...

Country	2015	2016	2017	2018	2019
Caribbean	13	8	13	18	12
Antigua and Barbuda	0	0	1	1	1
Bahamas	0	1	2	1	0
Barbados	0	0	1	1	1
Cuba	0	0	1	0	1
Dominica	0	2	0	2	1
Dominican Republic	0	0	4	0	0
Grenada	0	0	0	0	3
Haiti	0	0	1	0	1
Jamaica	1	0	1	5	1
Saint Kitts and Nevis	5	3	2	5	0
Trinidad and Tobago	7	2	0	3	3
Central America	22	46	51	68	36
Belize	2	1	0	1	0
Costa Rica	6	35	26	45	25
El Salvador	0	2	2	6	4
Guatemala	7	7	15	9	2
Honduras	1	0	0	3	0
Nicaragua	1	0	0	0	2
Panama	5	1	8	4	3
North America	8,557	8,707	11,109	12,774	12,504
Canada	1,177	1,109	1,524	1,807	1,664
Mexico	243	308	365	406	365
United States of America	7,137	7,290	9,220	10,561	10,475
South America	800	671	1,126	1,249	971
Argentina	84	162	175	205	123
Bolivia, Plurinational State of	2	1	2	1	5
Brazil	538	321	680	810	625
Chile	78	73	102	130	94
Colombia	57	56	90	57	64
Ecuador	6	4	7	3	8
Guyana	0	0	0	0	2
Paraguay	1	0	11	0	4
Peru	14	31	14	25	23

cont...

Table 10.1 cont...

Country	2015	2016	2017	2018	2019
Uruguay	14	7	20	10	8
Venezuela	6	16	25	8	15
EAST ASIA AND THE PACIFIC	24,668	30,288	33,257	29,713	28,522
North-East Asia	13,710	16,893	16,712	12,052	11,827
China	9,399	9,210	6,421	6,878	7,237
Japan	2,437	4,832	2,744	2,674	2,036
Korea, Republic of Korea (south)	640	1,035	6,048	998	1,060
Mongolia	7	4	8	6	10
Taiwan Province of China	1,227	1,812	1,491	1,496	1,484
South- East Asia	8,906	11,376	13,972	14,544	13,769
Brunei Darrussalam	3	17	39	26	11
Cambodia	6	10	8	30	94
Indonesia	333	536	664	1,033	1,195
Lao People's Democratic Republic	6	12	18	2	34
Malaysia	1,546	1,959	2,956	3,140	2,486
Myanmar	12	20	96	5	126
Philippines	234	383	549	476	524
Singapore	2,587	3,011	4,129	3,886	4,357
Thailand	3,778	4,175	4,047	3,886	2,962
Viet Nam	395	1,253	1,423	1,961	1,854
Other countries of South-East Asia (Burmese)	6	0	43	99	126
Australasia	2,051	2,017	2,571	3,114	2,922
Australia	1,833	1,818	2,249	2,739	2,541
New Zealand	218	199	322	375	381
Melanesia	1	2	2	3	4
Fiji	1	2	2	1	3
Papua New Guinea	0	0	0	2	1
EUROPE	14,356	14,361	16,169	18,824	18,869
Central/ Eastern Europe	1,080	1,188	1,406	1,891	1771
Armenia	9	10	7	4	9
Azerbaijan	2	8	2	1	0
Belarus	8	4	8	6	4
Bulgaria	26	34	44	96	46

cont...

Table 10.1 cont...

Country	2015	2016	2017	2018	2019
Czech Republic	157	195	145	285	248
Estonia	32	9	41	43	51
Georgia	2	5	2	3	3
Hungary	115	69	151	143	111
Kazakhstan	7	1	13	9	14
Latvia	16	44	35	34	49
Lithuania	43	14	50	79	53
Moldova, Republic of	0	0	3	2	6
Poland	284	313	312	430	454
Romania	23	64	78	94	97
Russian Federation	269	242	390	482	476
Slovakia	42	86	45	83	74
Tajikistan	0	0	0	3	0
Turkmenistan	0	2	2	0	0
Ukraine	44	88	78	93	76
Uzbekistan	1	0	0	1	0
Nothern Europe	4,037	4,114	4,241	4,737	5,228
Denmark	210	208	197	263	359
Finland	195	124	162	169	191
Iceland	5	30	19	32	19
Ireland	98	139	144	163	177
Norway	185	234	225	191	302
Sweden	386	253	248	334	377
United Kingdom	2,958	3,125	3,246	3,585	3,803
Other countries of Nothern Europe	0	1	0	0	0
Southern Europe	1,548	2,147	2,549	3,169	3,408
Albania	0	1	0	2	1
Andorra	3	7	0	4	4
Bosnia and Herzegovina	0	0	1	3	1
Croatia	10	13	16	24	46
Greece	24	55	94	121	91
Italy	781	1,022	978	1,229	1,345
Malta	3	5	11	22	35

cont...

Table 10.1 cont...

Country	2015	2016	2017	2018	2019
Montenegro	0	0	0	3	2
Portugal	135	224	229	322	364
San Marino	2	0	0	0	6
Serbia	5	21	21	15	10
Slovenia	6	12	57	27	96
Spain	579	787	1,142	1,397	1,407
Western Europe	7,402	6,539	7,558	8,511	7872
Austria	513	504	396	506	463
Belgium	716	460	506	557	519
France	1,563	1,501	1,545	1,773	1,728
Germany	2,498	2,301	2,970	3,422	3,066
Liechtenstein	12	1	5	7	5
Luxembourg	97	22	24	58	17
Monaco	3	4	3	2	3
Netherlands	709	641	757	807	851
Switzerland	1,291	1,105	1,352	1,379	1,220
East Mediterranean Europe	288	371	415	516	590
Cyprus	1	7	6	4	8
Israel	132	167	283	356	486
Turkey	155	197	126	156	96
Other Europe	1	2	0	0	0
Other countries of Europe (Macedonia (S.E))	1	2	0	0	0
MIDDLE EAST	43	79	85	138	140
Bahrain	0	3	7	3	5
Egypt	5	4	15	13	4
Iraq	0	0	0	0	2
Jordan	4	4	2	11	9
Kuwait	6	8	13	19	25
Lebanon	9	16	16	21	24
Oman	0	7	2	4	20
Qatar	3	1	1	5	8
Saudi Arabia	4	9	9	29	12
State of Palestine	0	1	0	0	0

cont...

Table 10.1 cont...

Country	2015	2016	2017	2018	2019
Syrian Arab Republic	1	0	1	3	1
United Arab Emirates	11	25	0	12	0
Emirian	0	0	19	17	28
Yemen	0	1	0	1	2
SOUTH ASIA	229	341	356	448	247
Afghanistan	0	1	0	1	0
Iran, Islamic Republic of Iran	10	13	18	5	6
Nepal	192	285	265	371	159
Pakistan	9	14	16	8	5
Sri Lanka	18	28	57	63	77
Total arrivals	48,800	54,600	62,272	63,367	61,429

Note: Includes only the international leisure tourist

Source: Tourism Council of Bhutan, Thimphu.

Table 10.2: Tourist Arrivals by Regions and Revenue Receipts, 2015 - 2019

(Number)

Region	2015	2016	2017	2018	2019
Africa	112	99	106	135	128
East Africa	17	34	22	16	20
Central Africa	2	0	1	1	1
North Africa	4	4	2	6	10
Southern Africa	80	58	75	99	81
West Africa	9	3	6	13	16
Americas	9,392	9,432	12,299	14,109	13,523
Caribbean	13	8	13	18	12
Central America	22	46	51	68	36
North America	8,557	8,707	11,109	12,774	12,504
South America	800	671	1,126	1,249	971
East Asia and Pacific	24,668	30,288	33,257	29,713	28,522
North-East Asia	13,710	16,893	6,421	12,052	11,827
South-East Asia	8,906	11,376	13,972	14,544	13,769
Australasia	2,051	2,017	2,571	3,114	2,922
Melanesia	1	2	2	3	4
Micronesia	0	0	0	0	0
Polynesia	0	0	0	0	0
Europe	14,356	14,361	16,169	18,824	18,869
Central/Eastern Europe	1,080	1,188	1,406	1,891	1,771
Northern Europe	4,037	4,114	4,241	4,737	5,228
Southern Europe	1,548	2,147	2,549	3,169	3,408
Western Europe	7,402	6,539	7,558	8,511	7,872
East Mediterranean Europe	288	371	415	516	590
Middle East	43	79	85	138	140
South Asia	229	341	356	448	247
All regions (persons)	48,800	54,600	62,272	63,367	61,429
Tourism revenue receipts ¹					
Ngultrums (million)	4,557.15	4,954.59	5,195.63	5,842.04	6,241.32
Or					
US Dollars (million)	71.05	73.74	79.81	85.41	88.63

Note: ¹ The revenue receipts includes only for the international tourist.

Dollar rate for 2019 is 70.42.

Source: Tourism Council of Bhutan, Thimphu.

Table 10.3: Number of Tourist Arrivals by Season and Month, 2015 - 2019

Season & Month	2015	2016	2017	2018	2019
Winter	30,968	37,097	46,751	49,722	61,771
December	16,882	20,484	23,587	26,667	33,154
January	6,427	7,793	12,224	11,121	14,397
February	7,659	8,820	10,940	11,934	14,220
Spring	51,452	65,277	87,324	88,109	102,230
March	14,004	17,480	20,872	22,185	24,507
April	16,135	17,527	27,115	26,176	30,605
May	21,313	30,270	39,337	39,748	47,118
Summer	29,910	44,143	53,158	51,706	56,080
June	13,668	20,225	27,263	25,239	30,297
July	8,312	11,974	13,133	12,274	13,291
August	7,930	11,944	12,762	14,193	12,492
Autumn	55,049	63,053	67,471	84,560	95,518
September	12,831	18,009	22,123	20,025	21,937
October	26,880	27,932	28,281	37,549	46,325
November	15,338	17,112	17,067	26,986	27,256

Note: The total number of tourist arrivals here shows international and regional tourist.

Source: Tourism Council of Bhutan, Thimphu.

Table 10.4: Percentage of Tourist Arrivals by Purpose of Visit, 2015 - 2019

Purpose	2015		2016		2017		2018		2019	
	Number	%	Number	%	Number	%	Number	%	Number	%
Leisure	130,320	84	176,654	84	218,547	86	240,671	88	281,546	89
Official	11,085	7	11,191	5	10,290	4	9,075	3	12,463	4
Business	4,023	3	6,315	3	6,620	3	6,106	2	4,890	2
Others	9,693	6	15,410	7	19,247	8	18,245	7	16,700	5

Source: Tourism Council of Bhutan, Thimphu.

Table 10.5: Percentage of Major Attraction to Bhutan, 2015 - 2019

Attractions/Activities	2015	2016	2017	2018	2019	
	%	%	%	%	Numbers	%
Cutural	88	88	90	86	64,539	85.98
Adventure	9	4	9	9	8,783	11.70
Spiritual and Wellness	1	1	0	1	650	0.87
Nature	2	7	1	4	1,092	1.45

Note: Includes international leisure purpose tourist only.

The numbers on attractions/activities before 2019 are not available.

Source: Tourism Council of Bhutan, Thimphu.

Table 10.6: Total Number of Tourist Arrivals by Dzongkhag, 2015 - 2019

Dzongkhag	2015	2016	2017	2018	2019
	No. of visitors	No. of visitors	No. of visitors	No. of visitors	No. of visitors
Bumthang	12,856	12,275	11,321	11,636	11,950
Chhukha	3,846	3,002	3,276	2,971	2,490
Dagana	14	11	10	24	30
Gasa	543	601	693	675	813
Haa	3,518	4,550	5,225	594	5,751
Lhuntse	565	385	385	6,615	761
Monggar	2,763	2,231	2,036	2,600	2,593
Paro	48,584	56,798	61,523	62,781	60,706
Pema Gatshel	68	63	71	122	96
Punakha	38,083	43,741	51,831	53,555	53,904
Samdrup Jongkhar	2,164	1,782	1,682	1,937	1,721
Samtse	3	0	0	0	0
Sarpang	233	231	284	231	263
Thimphu	46,875	53,454	59,164	60,100	58,593
Trashigang	936	792	705	820	1,031
Trongsa	2,405	2,015	1,886	2,374	2,648
Trongsa	6,399	5,778	5,956	5,864	5,364
Tsirang	10	32	27	68	74
Wangdue Phodrang	15,911	16,068	17,781	19,581	20,529
Zhemgang	298	231	259	332	346

Note: Includes only the international leisure tourist.

Source: Tourism Council of Bhutan, Thimphu.

**Table 10.7: Total Number of Accommodation Providers by Bed Nights by Dzongkhag,
2015 - 2019**

Dzongkhag	2015	2016	2017	2018	2019
	Bed Nights	Bed Nights	Bed Nights	Bed Nights	Bed Nights
Bumthang	32,813	31,519	28,942	30,137	30,580
Chhukha	3,988	3,111	3,605	3,141	2,768
Dagana	22	24	15	37	67
Gasa	3,627	3,470	3,733	3,341	4,605
Haa	4,512	5,808	6,727	8,095	7,233
Lhuntse	1,188	1,073	990	1,120	1,215
Monggar	4,280	3,539	3,124	4,404	3,808
Paro	112,171	125,033	140,571	142,663	138,900
Pema Gatshel	96	116	199	250	175
Punakha	53,503	59,827	73,179	75,355	77,443
Samdrup Jongkhar	2,377	1,978	1,840	2,144	1,981
Samtse	7	0	0	0	0
Sarpang	418	354	403	309	396
Thimphu	85,711	92,986	106,271	107,063	104,307
Trashigang	1,182	1,023	894	1,031	1,411
Trongsa	4,310	3,290	3,408	4,489	5,616
Tsiring	7,435	6,238	6,548	6,614	5,934
Tsirang	16	40	33	91	107
Wangdue Phodrang	22,983	23,535	26,333	28,998	30,090
Zhemgang	824	614	702	931	915

Note: Includes only the international leisure tourist.

Source: Tourism Council of Bhutan, Thimphu.

Table 10.8: Top Ten Markets by Country and Gender, 2015 - 2019

Country/Year	Number			Percent		
	Male	Female	Total	Male	Female	Total
2015	14,183	21,553	35,736	39.7	60.3	100.0
China	3,183	6,216	9,399	8.9	17.4	26.3
USA	3,133	4,004	7,137	8.8	11.2	20.0
Thailand	1,333	2,445	3,778	3.7	6.8	10.6
UK	1,439	1,519	2,958	4.0	4.3	8.3
Singapore	853	1,734	2,587	2.4	4.9	7.2
Germany	1,181	1,317	2,498	3.3	3.7	7.0
Japan	1,074	1,363	2,437	3.0	3.8	6.8
Australia	777	1,056	1,833	2.2	3.0	5.1
France	671	892	1,563	1.9	2.5	4.4
Malaysia	538	1,008	1,546	1.5	2.8	4.3
2016	17,597	18,316	157,967	11.1	11.6	100.0
India			114,301	0.0	0.0	72.4
China	4,346	4,862	9,208	2.8	3.1	5.8
Bangladesh	...	...	7,753	...	...	...
USA	3,413	3,879	7,292	2.2	2.5	4.6
Japan	2,402	2,431	4,833	1.5	1.5	3.1
Thailand	1,976	2,201	4,177	1.3	1.4	2.6
UK	1,659	1,465	3,124	1.1	0.9	2.0
Singapore	1,420	1,595	3,015	0.9	1.0	1.9
Germany	1,351	946	2,297	0.9	0.6	1.5
Malaysia	1,031	936	1,967	0.7	0.6	1.2
2017						
India	...	...	172,751	...	...	...
Bangladesh	...	...	10,536	...	...	...
America	...	...	9,220	...	...	...
China	...	...	6,421	...	...	...
South Korea	...	...	6,048	...	...	...
Singapore	...	...	4,129	...	...	...
Thailand	...	...	4,047	...	...	...
British	...	...	3,246	...	...	...
Germany	...	...	2,970	...	...	...

cont...

Table 10.8 cont...

Country/Year	Number			Percent		
	Male	Female	Total	Male	Female	Total
Malaysia	...	...	2,956	...	...	...
2018	...	...	...	...	...	...
India	...	...	191,836	...	...	...
USA	...	...	10,561	...	...	...
Bangladesh	...	...	10,450	...	...	...
China	...	...	6,878	...	...	...
Singapore	...	...	3,886	...	...	...
Thailand	...	...	3,886	...	...	...
United Kingdom	...	...	3,585	...	...	...
Germany	...	...	3,422	...	...	...
Malaysia	...	...	3,140	...	...	...
Australia	...	...	2,739	...	...	...
2019	160,495	124,782	285,277	56.3	43.7	100.0
India	133,942	96,439	230,381	47.0	33.8	80.8
Bangladesh	8,727	4,289	13,016	3.1	1.5	4.6
USA	5,255	6,452	11,707	1.8	2.3	4.1
China	2,751	4,813	7,564	1.0	1.7	2.7
Singapore	1,641	3,103	4,744	0.6	1.1	1.7
United Kingdom	2,084	2,157	4,241	0.7	0.8	1.5
Thailand	1,534	2,552	4,086	0.5	0.9	1.4
Germany	1,600	1,775	3,375	0.6	0.6	1.2
Australia	1,320	1,833	3,153	0.5	0.6	1.1
Japan	1,641	1,369	3,010	0.6	0.5	1.1

Note: For some years, the disaggregated data on gender is partially/not available

Source: Tourism Council of Bhutan, Thimphu.

The importance of foreign trade statistics is instrumental in gauging the overall economic performance in relation with other countries. Foreign trade statistics are vital to the policy makers, planners and the public in general. It is useful for assessing the effectiveness of the various strategies such as export development, promotion and diversification, as well as import rationalization. The data related to merchandise is being compiled by the Department of Revenue and Custom, Ministry of Finance and the services by the Royal Monetary Authority of Bhutan.

Balance of Payments statistics are designed to show the difference between the total payments made to foreign countries and the total receipts from foreign countries. Thus, it provides systematic summary of economic transaction, for a specific time period, between an economy and the rest of the world. The transactions included goods, services, income, transfers and financial claims. Therefore statistics provided in this chapter includes balance of trade, overall balance of payment estimates, top ten export and imports and other related statistics. Figure 11.1 shows the balance of trade from 2015 to 2019.

Balance of payments statistics in Bhutan are compiled by the Royal Monetary Authority based on information from its own accounts and those of the Banks, together with information on imports and exports.

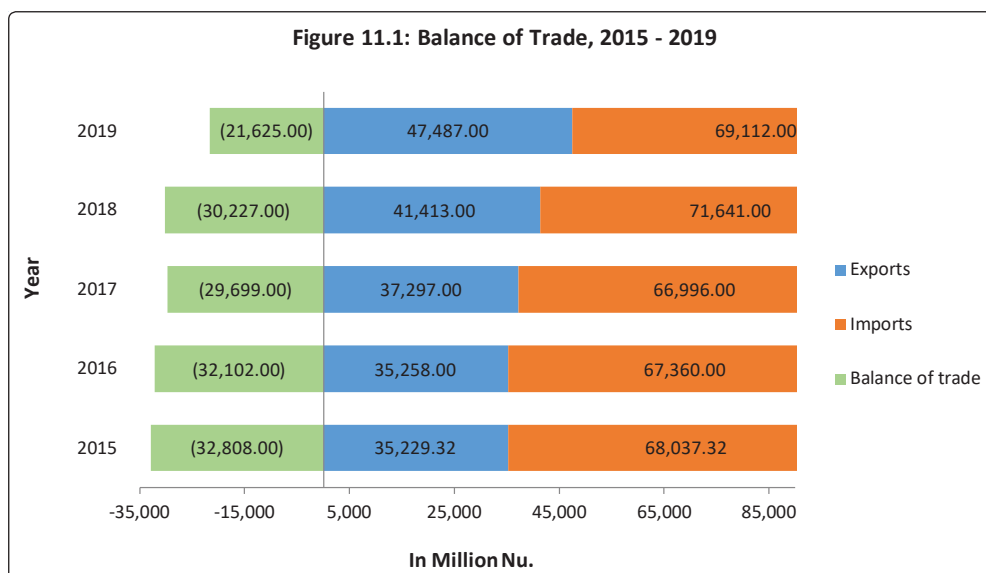


Table 11.1: Balance of Trade, 2015 - 2019

(In Million Nu.)

Trade	2015	2016	2017	2018	2019
Exports	35,229.32	35,258.00	37,297.00	41,413.00	47,487.00
India	31,801.35	32,052.00	31,618.00	32,170.00	39,810.00
Third Countries	3,427.97	3,206.00	5,679.00	9,243.00	7,677.00
Imports	68,037.32	67,360.00	66,996.00	71,641.00	69,112.00
India	53,740.50	55,285.00	53,973.00	60,107.00	56,659.00
Third Countries	14,296.82	12,075.00	13,023.00	11,534.00	12,453.00
Balance of trade	(32,808.00)	(32,102.00)	(29,699.00)	(30,227.00)	(21,625.00)
India	(21,939.15)	(23,233.00)	(22,355.00)	(27,937.00)	(16,849.00)
Third Countries	(10,868.85)	(8,869.00)	(7,344.00)	(2,290.00)	(4,776.00)

Note: Figures within bracket indicate deficit (-).

Source : Bhutan Trade Statistics 2019, Department of Revenue & Customs, Ministry of Finance.

Table 11.2: Top Ten Commodities of Export, 2019

Commodity Description	Value (In Million Nu.)	Percent share
Containing by weight more than 55% of silicon	9,787.74	31.32
Boulders	4,979.02	15.93
Pebbles, gravel, broken or crushed stone, of a kind commonly used for concrete	1,817.94	5.82
Other (Semi finished products of iron & steel)	1,617.79	5.18
Dolomite, not calcined or sintered, chips	1,331.05	4.26
Neither crushed nor ground (Cardamom)	1,227.61	3.93
Portland pozzolana cement	1,197.08	3.83
Ordinary portland cement	822.17	2.63
Gypsum; anhydrite	768.10	2.46
Of silicon (Silicon Carbide)	687.53	2.20
Others	7,013.93	22.44
Total	31,249.95	100.00

Source : Bhutan Trade Statistics 2019, Department of Revenue & Customs, Ministry of Finance.

Table 11.3: Top Ten Commodities of Import, 2019

Commodity	Value (In Million Nu.)	Percent share
Other light oils and preparations (HSD)	7,760.79	11.26
Ferrous products obtained by direct reduction of iron ore	3,143.83	4.56
Motor spirit (gasolene) including aviation spirit (petrol)	2,509.08	3.64
Other (Wood Charcoal)	1,882.59	2.73
Semi-milled or wholly milled rice, whether or not polished or glazed	1,664.61	2.42
Aeroplanes and other aircraft, of an unladen weight exceeding 15,000 kg	1,567.43	2.27
Coke and semi-coke	1,289.53	1.87
Other (Cooking Oil/Soya bean Oil)	852.86	1.24
Dumpers designed for off-highway use	843.27	1.22
Gross vehicle weight not exceeding 5 tonnes (Bolero, Tata Xenon Hilux, pickups)	670.63	0.97
Others	46,721.49	67.80
Total	68,906.11	100.00

Source : Bhutan Trade Statistics 2019, Department of Revenue & Customs, Ministry of Finance.

Table 11.4: Country wise Import in Ranking Order, 2019

SI. No.	Country Name	Value in Nu.
1	India	564,529,769,361
2	China	17,904,351,422
3	France	16,056,305,753
4	Singapore	1,209,064,284
5	Thailand	972,242,915
6	Korea South	851,348,296
7	Japan	633,168,013
8	Bangladesh	625,131,740
9	Sweden	507,127,624
10	United Arab Emirates	412,535,584
11	Indonesia	348,951,150
12	Germany	285,954,637
13	United States of America	217,662,727
14	Nepal	217,511,934
15	Malayasia	213,873,509
16	Poland	197,277,645
17	Norway	131,955,499
18	Hong Kong	127,812,443
19	United Kingdom	124,979,471
20	Qater	109,476,898
21	Veit Nam	81,324,118
22	Italy	69,284,927
23	Switzerland	68,940,563

SI. No.	Country Name	Value in Nu.
24	Austrai	67,772,260
25	Brazil	64,790,527
26	Sri Lanka	64,674,585
27	Mexico	49,949,955
28	Netherlands	46,992,259
29	Finland	44,919,432
30	New Zealand	41,443,711
31	Saudi Arabia	38,910,045
32	Denmark	37,968,991
33	Israel	35,026,073
34	South Africa	29,187,796
35	Australia	27,917,656
36	Taiwan	26,906,962
37	Belgium	21,051,784
38	Turkey	20,060,302
39	Spain	19,246,309
40	Canada	8,066,990
41	Slovakia	5,510,202
42	Philippines	4,689,750
43	Slovenia	4,009,098
44	Hungary	3,042,427
45	Pakistan	2,996,849

Note: Imports value which is less than or equal to Nu. 2,000,000.00 is excluded for computation of import ranking order.

Source : Bhutan Trade Statistics, Department of Revenue & Customs, Ministry of Finance.

Table 11.5: Country wise Export in Ranking Order, 2019

SI. No.	Country Name	Value in Nu.
1	India	23,572,538,591
2	Bangladesh	6,095,409,319
3	Italy	506,907,542
4	Nepal	427,826,083
5	Turkey	100,323,581
6	Viet Nam	73,835,308
7	Netherlands	67,759,714
8	Japan	47,047,760
9	Singapore	41,959,878
10	Belgium	38,207,253
11	Hong Kong	36,418,891
12	United Kingdom	34,874,192
13	United States of America	34,433,963
14	South Africa	29,733,642
15	Thailand	28,943,037
16	Spain	28,710,953
17	Germany	15,466,798
18	Canada	11,927,178
19	Poland	11,874,626
20	Malaysia	10,313,644
21	France	7,679,955
22	Taiwan	7,544,777
23	China	5,446,071
24	Slovenia	5,002,100
25	Cambodia	2,569,935
26	United Arab Emirates	2,213,072

Note: Export value which is less than or equal to Nu. 1,000,000.00 is excluded for computation of export ranking order.

Source : Bhutan Trade Statistics, Department of Revenue & Customs, Ministry of Finance.

Table 11.6: Import of Petroleum Products by Volume and Value, 2015 - 2019

PoL Products	2015		2016		2017		2018		2019	
	Volume in KL/MT	Value in Nu. Million	Volume in KL/MT	Value in Nu. Million	Volume in KL/MT	Value in Nu. Million	Volume in KL/MT	Value in Nu. Mil- ion	Volume in KL/MT	Value in Nu. Million
Diesel (HSD)	126,139.40	5,262.71	33,851.27	5,776.53	44,620.70	6,648.56	159,722.50	7,943.33	154,616.59	7,760.79
Petrol (KL)	33,846.60	1,692.97	36,214.80	1,755.31	39,119.50	1,969.39	46,912.34	2,333.60	50,958.51	2,509.08
S.K. Oil (subsidy)	4,599.00	60.17	4,815.00	65.79	4,328.00	76.02	3,585.00	79.95	2,922.00	82.11
S.K. Oil (Industrial)	12.00	0.51	24.00	1.18						
Kerosene type jet fuel (ATF)	3,291.00	142.08	3,294.00	127.92	3,982.00	170.65	4,878.00	230.97	4,956.00	225.47
Subsidized LPG (14.2 kg)										
Non-subsidized LPG (14.2 kg)	7,289.73	188.94	7,593.30	198.61	8,078.90	223.31	16.26	0.95	1,015.41	43.35
Commercial/ Industrial LPG (19kg)	...	...	...	...	...	...	723.55	42.50	1,369.92	75.92
Lubricating Oils	3,378.26	397.50	2,478.56	416.96	2,239.17	377.22	2,374.32	374.32	2,090.82	332.83
Fuel oils (Furnance Oil)	1,302.20	37.45	1,425.29	34.89	1,688.01	49.60	3,410.77	124.03	3,692.54	136.38
Other medium oils and prepa- rations (LDO)	136.00	6.20	36.00	1.24	...	...	53.54	1.47	43.67	1.78
Petroleum Bitumen	11,778.43	479.68	11,707.12	377.86	15,663.27	454.08	25,745.01	850.85	16,769.86	574.38
Others (waste oils)	5.40	0.89	10.79	1.69	140.38	15.40	4.70	0.88	83.40	6.19

Note: a. The codes for Kerosene S.K Oil (Subsidy) and S.K. Oil (Industrial) has been merged together w.e.f. 1st January, 2017

b. S.K. Oil (quota) has been renamed as S.K.Oil (subsidy)

c. Two types of waste oils falling under BTC Code 2710.91.00 and 2710.99.00 are clubbed together

Source: Bhutan Trade Statistics, DRC, MoF, Thimphu

Table 11.7: Annual Overall Balance of Payments Estimates, FY 2014/15 - 2018/19

(In Million Nu.)

Items	2014/15	2015/16	2016/17	2017/18	2018/19
A. Current Account	(34,177.40)	(41,436.09)	(36,142.83)	(31,306.95)	(39,677.40)
Goods and Services	(30,970.20)	(39,604.40)	(34,852.40)	(30,548.60)	(35,928.80)
Goods: Net (Trade Balance)	(26,662.80)	(35,519.10)	(31,350.00)	(27,956.20)	(29,880.30)
Exports (fob)	35,982.17	32,789.32	36,872.02	39,231.70	38,165.30
Imports (fob)	62,644.93	68,308.43	68,222.00	67,189.90	68,045.60
Services	(4,307.56)	(4,085.28)	(3,502.38)	(2,590.44)	(6,048.50)
Credit	7,784.24	9,659.81	10,469.87	12,263.80	8,895.80
Debit	12,091.80	13,745.09	13,972.30	14,854.20	14,944.30
Primary Income	(8,250.49)	(11,385.40)	(13,211.01)	(14,187.50)	(15,580.50)
Credit	2,575.68	1,623.07	1,999.00	2,413.60	2,631.90
Debit	10,826.17	13,008.47	15,147.10	16,212.80	18,212.40
Secondary Income	5,043.42	9,553.70	11,628.88	13,190.90	11,831.90
Credit	6,874.16	11,358.47	13,256.53	15,019.13	14,281.50
o.w Budgetary Grants	4,785.01	8,373.35	6,415.85	6,204.86	6,999.29
Debit	1,830.74	1,804.76	1,627.65	1,828.24	2,449.60
B. Capital Account	13,981.04	12,668.05	12,391.57	11,884.03	8,769.14
o/w Budgetary Grants for Investment*	4,408.03	6,114.55	3,532.33	7,348.03	4,088.04
C. Financial Account**	(21,130.69)	(43,297.11)	(15,724.30)	(28,476.90)	21,879.40
Direct Investment in Bhutan: net incurrence of liabilities	394.90	788.40	(1,640.40)	274.00	920.70
o.w Equity capital	306.70	677.80	(497.10)	419.70	754.40
Other Investment	(20,735.84)	(42,508.70)	(17,364.73)	(27,445.60)	(21,325.10)
Other Investment: net acquisition of financial assets	(820.50)	1,450.80	734.20	1,079.50	1,718.20
Other Investment: net incurrence of financial liabilities	19,915.30	43,959.50	18,099.00	28,525.10	23,043.30
o/w RGOB loans ***	17,838.32	30,052.75	13,078.38	10,655.50	(14,238.60)
o/w Other loans	1,990.28	14,050.35	3,682.33	16,043.40	38,038.10
D. Net Errors and Omissions	(1,505.30)	(1,944.53)	6,690.40	(4,346.80)	9,650.70
E. Overall Balance	(570.83)	12,584.54	(1,565.30)	4,857.20	621.90
F. Reserve Assets	(570.80)	12,584.50	(1,565.30)	4,857.20	621.90

Note: * Segregation of budgetary grants into Secondary Income and Capital Transfers carried out from FY 2006/07 onwards.

** Net acquisition of financial assets minus net incurrence of financial liabilities; (+) figure denotes net lending and (-) figure denotes net borrowing; excludes reserve assets. Financial Account sign convention: (+) = increase in assets or liabilities; (-) = decrease in assets or liabilities.

*** Includes hydropower loans & accrued interest. BoP statistics were revised from 2013/14 onwards to include improvements in data coverage and classification.

Source : Royal Monetary Authority of Bhutan, Thimphu

Table 11.8: Gross International Reserves (End Period), 2014/15 - 2018/19

(In Million Nu.)

Item	2014/15	2015/16	2016/17	2017/18	2018/19
1. Rupee reserves	10,865.88	20,811.87	21,092.36	16,111.20	15,237.49
Royal Monetary Authority of Bhutan	9,826.55	19,017.73	19,433.11	14,534.35	12,924.03
Bank of Bhutan Ltd.	598.04	830.28	1,075.85	363.20	460.92
Bhutan National Bank Ltd.	193.91	141.99	212.23	514.57	867.82
TBank Ltd.	77.25	175.94	122.35	479.97	630.88
Druk PNB Ltd.	170.14	645.92	248.81	193.74	342.76
Bhutan Development Bank Ltd.	...	...	...	25.30	11.07
2. Convertible currency reserves (US \$)	788.02	810.98	776.60	876.34	843.67
Royal Monetary Authority of Bhutan (1)	759.44	789.51	748.79	824.30	809.61
Bank of Bhutan Ltd.	20.26	13.37	10.99	36.18	17.22
Bhutan National Bank Ltd.	6.94	5.77	7.30	5.03	5.93
TBank Ltd.	0.11	0.44	0.85	5.76	4.74
Druk PNB Ltd.	1.26	1.88	8.68	5.06	4.74
DHI	...	...	...	...	1.43
3. Total reserves (USD in Million) (1+2)	958.45	1,118.77	1,103.76	1,111.30	1,064.77
4. Exchange rates used	63.80	67.62	64.50	68.60	68.92
5. Months of Merchandise Imports (2)					
Total Reserves	11.84	12.90	12.56	13.60	12.94
Rupee Reserves	2.56	4.26	4.50	3.40	3.13
Convertible Currency Reserves	51.40	57.10	52.60	72.00	72.45
6. Months of Imports (Merchandise + Services) (2)					
Total Reserves	9.80	10.80	10.40	11.00	10.30
Rupee Reserves	23.00	3.80	4.00	3.00	2.80
Convertible Currency Reserves	32.50	37.10	32.00	38.20	36.00

Note: Convertible currency reserves of RMA have been revised in 2013 to exclude the US dollar pledge on any outstanding overdraft as of each reference period. Reserves also exclude (from July 2007 onwards) the local currency component of Bhutan's IMF Quota and the Kuwait fund investment. (2) Imports on fob basis. Figures differ from previous publication due to revision in import figures. Data for 2015/16 onwards are based on provisional import figures for 2015/16 and are subject to change. From March 2017, reserves figures have revised due to conversion of Kuwait fund into Indian Rupee.

Source: Royal Monetary Authority of Bhutan, Thimphu

Table 11.9: Monthly Average Exchange Rates, Ngultrum Per USD, 2015 - 2019

Month	2015	2016	2017	2018	2019
January	62.14	67.29	68.09	63.65	70.75
February	62.03	68.24	66.74	64.37	71.21
March	62.45	67.02	65.92	65.01	69.48
April	62.75	66.47	64.51	65.66	69.43
May	63.81	66.89	64.41	67.54	69.79
June	63.86	67.30	64.44	67.79	69.44
July	63.65	67.22	64.44	68.70	68.81
August	65.07	66.94	63.97	69.53	71.15
September	66.19	66.74	64.46	72.30	71.33
October	65.08	66.76	65.09	73.62	71.05
November	66.05	67.53	64.87	71.82	71.43
December	66.60	67.90	64.24	70.83	71.19
Calendar year average exchange rate	64.14	67.19	65.10	68.40	70.35
Fiscal year	2014/15	2015/16	2016/17	2017/18	2018/19
Fiscal year average exchange Rate	62.05	66.32	66.43	65.09	70.58

Source: Royal Monetary Authority of Bhutan, Thimphu.

The growth of financial institutions are pivotal in the pursuit of socio-economic development. Towards this, financial statistics play an important role in planning and designing sound policies conducive to economic development and serve as a basis for the monetary authorities and the banking and credit institutions to readily respond to monetary problems, needs and requirements of the economy. Data from financial institutions also provide insights on the contribution of this sector to the government's task of nation building. The financial sector in Bhutan comprises of Royal Monetary Authority (Bhutan's Central Bank); the Bank of Bhutan, Bhutan National Bank and two private banks: Druk Punjab Bank and Tashi Bank both established in 2010. The non-bank financial institutions are the Royal Insurance Corporation of Bhutan, Bhutan Development Bank Limited, National Pension & Provident Fund and Bhutan Insurance Limited.

The Royal Monetary Authority has developed a comprehensive statistical system for the money, banking and finance sector. The main element of the system is the monetary survey, which is a consolidation of the accounts of the Royal Monetary Authority and other Banks and Financial Institutions showing the financial relationship between these institutions and other sectors of the economy. In addition, financial statements are also available for the three non-bank financial institution.

The statistics presented in this chapter covers the following: the total assets and liabilities of all the financial institutions, credits granted, interest rates on savings and time deposits, financial market information of the Royal Securities Exchange of Bhutan (RSEB) etc. Figure 12.1 illustrates the status of dividend declared by the companies registered under RSEB.

Figure 12.1: Dividend Declared by the Companies, 2019

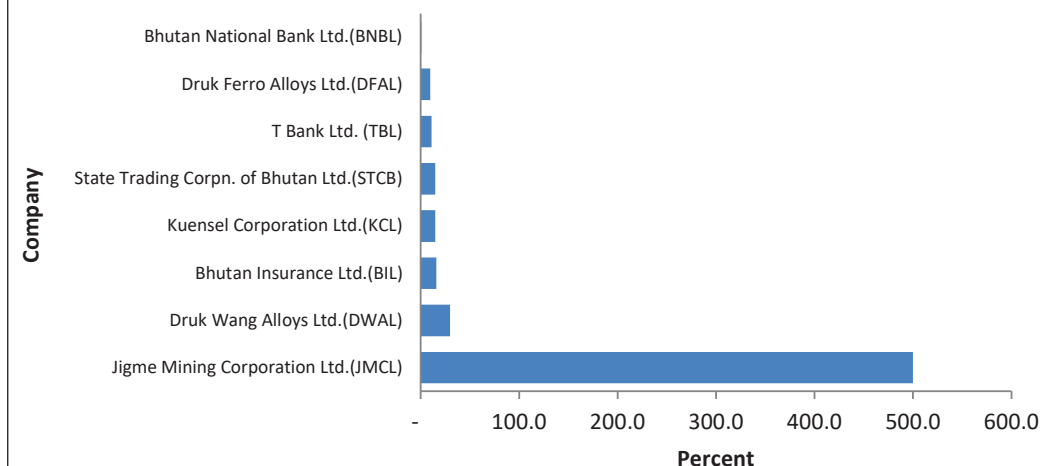


Table 12.1: Monetary Survey: Royal Monetary Authority, Bhutan National Bank, Bank Of Bhutan, Bhutan Development Bank, Druk PNB Bank and T Bank, 2015 - 2019

(In Million Nu.)

Items	2015	2016	2017	2018	2019
Assets Total	125,501.60	144,334.56	163,234.59	171,173.72	188,804.56
Foreign Assets	66,305.10	73,220.22	72,878.53	65,533.83	76,816.54
Indian Rupee	7,324.01	15,748.46	20,598.40	10,423.34	8,387.03
Convertible Foreign Currency	58,981.09	57,471.76	52,280.13	55,110.49	68,429.52
Domestic Credit	59,196.50	71,114.34	90,356.05	105,639.89	111,988.02
Claims on Government (net)	(6,123.14)	(4,300.67)	2,498.61	2,797.44	(7,707.79)
Claims on Other Public Sector ¹	5,340.60	4,988.85	5,702.22	6,145.84	5,738.73
Claims on Private Sector ²	59,979.03	70,426.17	82,155.22	96,696.61	113,957.08
Liabilities Total	125,501.60	144,334.56	163,234.59	171,173.72	188,804.56
Broad money (M2)	76,148.61	93,680.71	110,000.90	117,191.02	132,499.08
Narrow Money (M1)	44,428.81	52,057.52	63,478.17	68,307.23	71,825.72
Nu. Outside Banks	6,587.16	8,318.93	8,767.08	9,171.41	10,946.72
Transferable Deposits	37,841.65	43,738.60	54,711.09	59,135.82	60,879.00
Other Deposits ³	31,719.80	41,623.18	46,522.73	48,883.79	60,673.37
Other Items Net	49,352.99	50,653.86	53,233.68	53,982.70	56,305.48

Note: ¹ It includes claims on Government Corporations and Other Public Corporations.

² It includes claims on Non-bank financial institutions (NBFIs)

³ Other Deposits includes time deposits plus foreign currency deposits.

a. Starting from January 2003 onwards, a major reclassification has been carried out in the accounts of all the economic sectors. Data prior to 2003 cannot always be directly compared with the subsequent data, because of a break in continuity.

b. Broad money (M2)=M=Narrow Money+Other Deposits, Narrow Money (M1)=Nu. Outside banks+Transferable Deposits+NBFIs Deposits; Figures in the brackets () are negative.

c. The terms Demand Deposits and Quasi Money are replaced by Transferable Deposits and Other Deposits as per the International Monetary Fund's Monetary and Financial Statistics Manual, 2000.

Source : Royal Monetary Authority of Bhutan, Thimphu.

**Table 12.2: Monetary and Financial Statistics of Royal Insurance Corporation of Bhutan,
2015 - 2019**

(In Million Nu.)

Item	2015	2016	2017	2018	2019
Assets Total	13,805.95	18,021.63	20,494.85	22,047.99	23,456.04
Reserves	399.63	917.18	1,560.31	1,318.24	984.33
Foreign Assets	14.05	76.36	20.62	141.50	...
Indian Rupee	11.21	6.70	...	...	...
Convertible Foreign Currency	2.84	69.66	20.62	141.50	...
Domestic Credit¹	13,392.27	17,028.09	18,913.93	20,588.25	22,471.72
Claims on Public Sector ²	38.98	71.35	50.46	37.79	92.69
Claims on Private Sector	11,860.06	15,549.45	17,501.29	19,088.28	20,726.85
Claims on NBFIs	65.10	103.67	58.56	58.56	58.56
Claims on DMBs	1,428.13	1,303.61	1,303.61	1,403.61	1,593.61
Liabilities Total	13,805.95	18,021.63	20,494.85	22,047.99	23,456.04
Life fund	...	3,083.5	3,849.9	4,851.3	4,692.9
General Insurance Fund	...	251.4	272.9	187.0	252.4
Group Insurance Fund	...	4,140.2	1,702.4	1,986.4	2,372.3
Credit from DMBs	812.30	2,501.20	1,621.26	1,207.10	455.89
Credit from NBFIs	3,595.67	3,595.22	3,452.49	2,621.50	2,621.50
Capital Accounts	2,479.25	2,852.25	2,907.28	969.28	2,312.07
Other Items	6,918.74	1,597.81	6,688.60	10,225.39	10,748.99

Note: ¹ Domestic credit excluding the claims on DMBs

² With effect from January 1, 2011 Claims on Joint Corporations has been reclassified as Claims on Public Sector as per the new reporting format of the Financial Regulations and Supervision

Department of the RMA DMBs = Deposit Money Banks, NBFIs = Non Bank Financial Institutions.

Source: Royal Monetary Authority of Bhutan, Thimphu.

Table 12.3: Monetary and Financial Statistics of Bhutan National Bank Limited, 2015 - 2019

(In Million Nu.)

Item	2015	2016	2017	2018	2019
Assets Total	28,786.35	33,723.48	36,579.76	35,979.41	38,979.22
Reserves with RMA	6,183.74	7,661.65	8,944.45	5,599.97	5,242.15
Foreign Assets	1,269.97	1,079.74	668.50	1,138.16	591.60
Indian Rupee	384.62	179.07	176.45	420.58	313.18
Convertible Foreign Currency	885.35	900.67	492.05	717.59	278.42
Domestic Credit	21,332.63	24,982.09	26,966.80	29,241.28	33,145.47
Claims on Government	...	...	0.27	0.22	...
Claims on Government Corporations	115.33	215.33	115.33	116.95	115.33
Claims on Public Sector ¹	766.41	641.23	607.26	595.68	119.56
Claims on Private Sector	20,273.96	23,239.70	25,467.88	28,028.39	32,663.70
Claims on NBFIs	176.93	885.83	776.06	500.03	246.87
Liabilities Total	28,786.35	33,723.48	36,579.76	35,979.41	38,979.22
Demand Deposits (Current and saving Deposits)	8,033.82	9,361.72	11,376.49	10,685.83	10,858.39
Time Deposits	10,810.99	14,513.55	13,821.48	14,796.36	17,457.70
Foreign Currency Deposits	402.95	660.13	2,098.33	1,191.55	1,086.71
Capital Accounts	7,655.63	7,235.49	7,560.93	7,644.83	7,706.08
Other Items Net	1,882.96	1,952.60	1,722.52	1,660.84	1,870.34

Note: ¹With effect from January 1, 2011 Claims on Joint Corporations has been reclassified as Claims on Public Sector as per the new reporting format of the Financial Regulations and Supervision Department of the RMA.

Source: Royal Monetary Authority Bhutan, Thimphu.

Table 12.4: Monetary and Financial Statistics of Bhutan Development Bank Limited, December, 2015 - 2019

(In Million Nu.)

Item	2015	2016	2017	2018	2019
Assets Total	16,834.73	21,182.33	23,223.76	24,702.55	25,196.80
Reserves With RMA	2,189.65	3,796.08	3,873.22	5,244.79	4,872.74
Foreign Assets	23.67	0.86	11.69	15.77	9.72
Indian Rupee	23.67	0.86	11.69	15.77	9.72
Convertible Foreign Currency	...	...	...	...	...
Domestic Credit	14,621.42	17,385.39	19,338.85	19,441.99	20,314.35
Claims on Government	...	...	...	...	...
Claims on Govt. Corporations	504.49	54.31	52.29	65.01	69.59
Claims on Public Sector ¹	38.441828	33.44	33.44	33.44	33.44
Claims on Private Sector	13,667.22	16,474.36	18,631.19	18,662.31	19,930.99
Claims on NBFIs	411.27	823.27	621.93	681.23	280.33
Liabilities Total	16,834.73	21,182.33	23,223.76	24,702.55	25,196.80
Demand Deposits (Current and Saving Deposits)	2,591.33	3,541.79	4,398.66	5,068.01	5,699.65
Time Deposits	8,214.07	10,566.61	11,672.38	12,292.33	11,995.17
Foreign Currency Deposits	...	...	...	...	...
Foreign Liabilities ²	...	...	279.60	...	...
Domestic Borrowing	824.80	681.58	263.77	868.72	743.71
Capital Accounts	3,378.26	3,241.01	2,014.94	2,391.42	2,341.82
Other Items Net	1,826.28	3,151.35	4,594.41	4,082.07	4,416.46

Note: ¹With effect from January 1, 2011 Claims on Joint Corporations has been reclassified as Claims on Public Sector as per the new reporting format of the Financial Regulations and Supervision Department of the RMA.

²Due to changes in the classification of foreign liabilities, the external borrowing of the BDBL has been reclassified as the domestic borrowing as this borrowing was onlent by Government to the BDBL.

Source: Royal Monetary Authority of Bhutan, Thimphu.

**Table 12.5: Monetary and Financial Statistics of Royal Monetary Authority of Bhutan,
2015 - 2019**

(In Million Nu.)

Item	2015	2016	2017	2018	2019
Assets Total	69,582.69	78,200.66	77,975.19	69,911.04	86,555.81
Foreign Assets	68,810.31	76,483.96	76,485.98	67,916.89	85,483.93
Indian Rupee	12,210.03	21,604.32	26,617.34	15,725.53	20,640.20
Convertible Foreign Currency	56,600.28	54,879.64	49,868.63	52,191.37	64,843.74
Claims on Deposit Money Banks	744.51	1,679.70	1,427.67	1,326.30	1,047.94
Claims on Government	...	...	27.92	638.00	...
Claims on Private Sector	27.88	37.00	33.62	29.84	23.94
Liabilities Total	69,582.69	71,200.66	77,975.19	69,911.04	86,555.81
Reserve Money	25,801.07	34,262.93	32,712.25	29,898.11	35,566.70
o/w Currency Outside Banks	6,587.16	8,318.93	8,767.08	9,171.41	10,946.72
Foreign Liabilities	7,000.00	7,000.00	7,046.14	7,000.00	14,107.62
Indian Rupee	7,000.00	7,000.00	7,046.14	7,000.00	14,107.62
Convertible Foreign Currency	...	...	...	...	...
Government Deposits	11,628.32	11,118.32	9,530.99	6,848.35	11,415.95
RMA Bills Outstanding	...	...	...	...	...
Capital Accounts	4,057.68	3,422.87	3,858.36	5,713.23	3,983.88
Other Items Net ¹	21,095.63	22,396.54	24,827.46	20,451.35	21,481.66

Note: ¹ Other Items (Net) includes money market instruments.

Source: Royal Monetary Authority of Bhutan, Thimphu.

Table 12.6: Monetary and Financial Statistics of Bank of Bhutan Limited, 2015 - 2019

(In Million Nu.)

Item	2015	2016	2017	2018	2019
Assets Total	37,760.38	42,634.70	49,385.31	54,299.78	64,794.16
Reserve with RMA	13,283.35	17,305.22	18,021.38	13,186.85	15,174.19
Foreign Assets	2,290.97	1,487.78	1,724.95	2,353.78	2,720.31
Indian Rupee	933.92	598.98	293.02	644.60	565.57
Convertible Foreign Currency	1,357.05	888.80	1,431.93	1,709.18	2,154.74
Claims on Government	...	...	...	...	...
Claims on Govt. Corporations	2,867.45	2,919.08	3,989.07	3,915.02	3,654.54
Claims on Public Sector ¹	569.40	660.37	386.26	750.72	1,045.89
Claims on Private Sector	18,349.94	19,625.81	24,843.64	34,053.85	42,151.39
Claims on NBFIs	399.27	636.44	420.02	39.56	47.83
Liabilities Total	37,760.38	42,634.70	49,385.31	54,299.78	64,794.16
Demand Deposit	22,189.24	25,055.05	30,283.60	35,755.05	36,079.21
Time Deposit	8,307.75	9,810.58	11,256.16	10,556.94	19,373.11
Foreign Currency Deposits	832.60	1,021.95	1,167.50	...	...
Capital Accounts	5,285.72	6,206.47	5,812.48	6,921.52	7,516.25
Other Items Net	1,145.07	540.65	865.58	1,066.27	1,825.58

Note: ¹With effect from January 1, 2011 Claims on Joint Corporations has been reclassified as Claims on Public Sector as per the new reporting format of the Financial Regulations and Supervision Department of the RMA.

Source: Royal Monetary Authority of Bhutan, Thimphu.

Table 12.7: Monetary and Financial Statistics of T-Bank Ltd, December, 2015 - 2019

(In Million Nu.)

Item	2015	2016	2017	2018	2019
Assets Total	3,138.85	5,053.58	6,714.41	8,397.76	10,750.29
Reserve with RMA	574.23	852.82	1,219.08	1,197.96	1,376.94
Foreign Assets	81.85	282.15	244.18	509.52	1,258.09
Indian Rupee	53.96	200.72	142.03	263.77	623.03
Convertible Foreign Currency	27.89	81.43	102.14	245.75	635.06
Domestic Credit	2,482.77	3,918.61	5,251.16	6,690.28	8,115.26
Claims on Government	40.00	40.00	40.00	40.00	20.00
Claims on Govt. Corporations	...	...	...	...	...
Claims on Public Sector ¹	51.92	51.63	51.94	71.28	143.76
Claims on Private Sector	2,383.09	3,819.49	5,151.72	6,420.29	7,743.68
Claims on NBFIs	7.75	7.50	7.50	158.71	207.81
Liabilities Total	3,138.85	5,053.58	6,714.41	8,397.76	10,750.29
Demand Deposit	857.25	1,588.51	2,340.13	2,828.23	2,775.21
Time Deposit	1,258.85	1,584.48	1,990.57	2,955.38	4,024.35
Foreign Currency Deposits	8.20	6.51	7.00	7.06	1.42
Capital Accounts	586.23	625.36	721.43	866.64	1,465.53
Other Items Net	428.32	1,248.71	1,655.28	1,740.46	2,483.79

Note: ¹With effect from January 1, 2011 Claims on Joint Corporations has been reclassified as Claims on Public Sector as per the new reporting format of the Financial Regulations and Supervision Department of the RMA

Source: Royal Monetary Authority, Thimphu.

Table 12.8: Monetary and Financial Statistics of Druk PNB Bank Ltd., December, 2015 - 2019

(In Million Nu.)

Item	2015	2016	2017	2018	2019
Assets Total	7,070.08	8,521.45	11,678.74	13,236.75	13,984.72
Reserve with RMA	1,532.87	2,345.51	3,941.48	3,916.93	1,907.08
Foreign Assets	828.33	885.72	1,068.98	599.70	860.51
Indian Rupee	717.80	164.50	404.01	353.10	342.95
Convertible Foreign Currency	110.53	721.21	664.97	246.60	517.56
Domestic Credit	4,708.88	5,290.23	6,668.29	8,720.12	11,217.13
Claims on Government	...	...	...	...	...
Claims on Govt. Corporations	365.27	307.89	318.71	333.59	424.09
Claims on Public Sector ¹	61.90	105.57	147.91	264.14	132.51
Claims on Private Sector	4,248.03	4,626.70	5,870.43	7,772.34	10,560.55
Claims on NBFIs	33.68	250.08	331.23	350.05	99.98
Liabilities Total	7,070.08	8,521.45	11,678.74	13,236.75	13,984.72
Demand Deposit	4,170.00	4,191.53	6,312.21	4,798.70	5,466.55
Time Deposit	1,864.73	2,743.13	4,509.31	7,084.16	6,734.90
Foreign Currency Deposits	19.66	716.25	...	...	...
Capital Accounts	1,080.67	1,189.58	1,306.07	1,852.27	1,993.87
Other Items Net	(64.98)	(319.03)	(448.85)	(498.38)	(210.60)

Note: ¹ With effect from January 1, 2011 Claims on Joint Corporations has been reclassified as Claims on Public Sector as per the new reporting format of the Financial Regulations and Supervision Department of the RMA.

Source: Royal Monetary Authority, Thimphu.

Table 12.9: Monetary and Financial Statistics of Bhutan Insurance Limited, December, 2015 - 2019

(In Million Nu.)

Item	2015	2016	2017	2018	2019
Assets Total	1,040.65	1,248.56	1,878.50	2,156.09	2,349.19
Reserves	94.65	109.46	191.89	297.96	190.77
Foreign Assets	...	...	0.00	0.00	0.00
Indian Rupee	...	...	0.00	0.00	0.00
Convertible Foreign Currency	...	...	0.00	0.00	0.00
Domestic Credit	946.00	1,139.10	1,686.61	1,858.12	2,158.42
Claims on Government (Net)	...	...	0.00	0.00	0.00
Claims on Govt. Corporations	...	...	0.00	0.00	0.00
Claims on Public Sector ¹	1.75	1.75	1.75	1.75	1.75
Claims on Private Sector	798.84	1,001.94	1,549.44	1,720.96	1,951.98
Claims on NBFIs	60.00	60.00	60.00	60.00	66.00
Claims on DMBs	85.41	75.41	75.41	75.41	138.69
Liabilities Total	1,040.65	1,248.56	1,878.50	2,156.09	2,349.19
Life Fund	...	...	0.00	0.00	0.00
Private Provident Funds	...	...	0.00	0.00	0.00
Group Insurance Fund	...	...	0.00	885.67	863.05
Credit from DMBs	430.90	0.00	0.00	0.00	0.00
Credit from NBFIs	...	505.65	295.50	310.50	200.00
Capital Accounts	493.70	506.47	558.08	601.22	689.14
Other Items Net	116.05	236.44	1,024.92	358.70	597.00

Note: ¹ With effect from January 1, 2011 Claims on Joint Corporations has been reclassified as Claims on Public Sector as per the new reporting format of the Financial Regulations and Supervision Department of the RMA.

NBFIs stands for Non Bank Financial Institutions; DMBs Deposit Money Banks

Source: Royal Monetary Authority of Bhutan, Thimphu.

**Table 12.10: Lending of Financial Institutions by Industry, Amounts Outstanding,
2015 - 2019**

(In Million Nu.)

Industry	2015	2016	2017	2018	2019
Agriculture	3,830.04	4,630.57	5,690.27	5,857.00	6,274.68
Bank of Bhutan Ltd	21.85	36.51	58.8	150.4	211.77
Royal Insurance Corporation of Bhutan Ltd	...	0.70	3.8	3.5	51.6
Bhutan Development Bank Ltd	3,803.80	4,571.77	5606.0	5640.2	5904.5
Bhutan National Bank Ltd	0.71	0.42	0.4	48.4	83.4
Druk PNB Bank Ltd	0.62	15.48	17.0	9.5	17.8
T Bank Ltd	1.60	2.42	0.0	1.0	2.3
Bhutan Insurance Ltd	1.45	3.28	4.2	4.1	3.4
Service and Tourism	10,898.61	16,757.79	22,905.26	28,744.17	37,106.23
Bank of Bhutan Ltd	2,933.71	4,061.62	7587.5	10686.7	13242.8
Royal Insurance Corporation of Bhutan Ltd	564.71	3,763.09	5489.7	6596.4	7312.3
Bhutan Development Bank Ltd	2,333.81	2,917.54	3102.1	2842.0	3242.8
Bhutan National Bank Ltd	3,490.14	483.87	4435.9	5268.4	9241.1
Druk PNB Bank Ltd	1,177.08	1,367.95	1692.2	2498.1	2772.9
T Bank Ltd	359.15	4,083.31	490.7	784.9	1219.3
Bhutan Insurance Ltd	40.01	80.40	107.3	67.7	75.1
Manufacturing	10,153.10	11,041.91	13,362.01	13,923.64	16,580.08
Bank of Bhutan Ltd	3,509.01	3,730.82	3753.9	3965.9	5032.6
Royal Insurance Corporation of Bhutan Ltd	1,398.45	3,799.45	2034.6	2246.7	3086.6
Bhutan Development Bank Ltd	822.55	797.49	934.5	848.2	1028.8
Bhutan National Bank Ltd	3,497.49	141.20	4729.3	4592.9	4172.2
Druk PNB Bank Ltd	617.11	734.09	1476.1	1857.4	2782.5
T Bank Ltd	230.54	1,669.25	266.9	250.8	291.7
Bhutan Insurance Ltd	77.94	169.62	166.8	161.9	185.7
Building and Construction	18,288.51	20,304.32	23,421.99	28,634.50	37,160.11
Bank of Bhutan Ltd	5,372.66	5,456.67	6723.1	10073.2	14221.7
Royal Insurance Corporation of Bhutan Ltd	2,613.40	6,862.91	2749.6	2673.6	2808.0

cont...

Table 12.10 cont...

Industry	2015	2016	2017	2018	2019
Bhutan Development Bank Ltd	2,110.30	2,540.14	3094.8	3359.2	4010.1
Bhutan National Bank Ltd	6,473.26	1,034.83	7234.0	8267.2	10027.8
Druk PNB Bank Ltd	1,202.00	1,455.97	1635.5	1724.9	2630.3
T Bank Ltd	449.66	2,817.88	1624.9	2194.4	2834.3
Bhutan Insurance Ltd	67.23	135.93	360.2	342.0	627.9
Trade and Commerce	14,289.43	14,014.75	14,195.04	16,337.52	16,500.79
Bank of Bhutan Ltd	1,594.45	1,514.52	1759.3	2226.2	2898.6
Royal Insurance Corporation of Bhutan Ltd	4,761.67	6,177.46	3592.0	3924.1	3981.1
Bhutan Development Bank Ltd	1,432.86	1,614.40	1487.9	1415.0	1636.8
Bhutan National Bank Ltd	5,376.31	762.57	5938.2	6632.7	5293.1
Druk PNB Bank Ltd	491.44	414.74	436.7	1026.3	1412.0
T Bank Ltd	503.38	3,394.72	783.9	849.9	976.6
Bhutan Insurance Ltd	129.33	136.34	197.1	263.3	302.8
Transport	3,216.45	4,226.51	5,510.52	6,842.16	6,336.81
Bank of Bhutan Ltd	586.19	790.44	1,205.15	2,058.58	1,885.37
Royal Insurance Corporation of Bhutan Ltd	726.03	1,162.28	629.82	742.58	657.51
Bhutan Development Bank Ltd	630.05	1,063.81	1,293.66	1,116.04	961.50
Bhutan National Bank Ltd	789.90	223.91	1,515.88	1,809.31	1,892.26
Druk PNB Bank Ltd	116.28	127.77	121.38	159.76	147.77
T Bank Ltd	151.83	540.87	236.34	223.59	181.90
Bhutan Insurance Ltd	216.18	317.42	508.29	732.30	610.51
Personal Loans	11,648.06	13,019.93	13,001.07	13,561.05	14,559.75
Bank of Bhutan Ltd	5,394.17	5,399.93	5,309.12	5,510.17	6,089.15
Royal Insurance Corporation of Bhutan Ltd	1,407.72	1,148.31	2,317.10	2,172.49	1,971.74
Bhutan Development Bank Ltd	2,475.43	2,729.58	2,459.39	2,736.15	2,428.73
Bhutan National Bank Ltd	1,104.91	755.37	1,259.33	1,141.04	1,597.10
Druk PNB Bank Ltd	519.13	533.06	546.45	641.65	789.57
T Bank Ltd	551.69	2,377.43	985.06	1,275.33	1,598.26

cont...

Table 12.10 cont...

Industry	2015	2016	2017	2018	2019
Bhutan Insurance Ltd	195.01	76.25	124.62	84.22	85.19
Loan Against Shares	661.69	487.75	337.45	441.26	403.05
Bank of Bhutan Ltd	179.92	26.58	5.36	15.86	14.31
Royal Insurance Corporation of Bhutan Ltd	88.67	63.44	84.79	...	15.60
Bhutan Development Bank Ltd	...	...	...	...	...
Bhutan National Bank Ltd	83.43	140.47	...	...	...
Druk PNB Bank Ltd	264.64	104.32	99.09	131.15	1.21
T Bank Ltd	9.53	99.02	100.07	256.26	334.81
Bhutan Insurance Ltd	35.50	53.92	48.14	37.99	37.12
Government (Short term loans)	...	513.63	469.33	420.43	...
Bank of Bhutan Ltd	...	...	...	...	...
Royal Insurance Corporation of Bhutan Ltd	...	...	...	...	...
Bhutan Development Bank Ltd	...	...	...	...	...
Bhutan National Bank Ltd	...	513.63	469.33	420.43	...
Druk PNB Bank Ltd	...	...	...	...	...
T Bank Ltd	...	...	...	...	...
Bhutan Insurance Ltd	...	...	...	...	...
Credit Card	12.99	11.04	13.96	19.98	19.65
Bank of Bhutan Ltd	5.92	5.89	10.55	16.72	16.64
Royal Insurance Corporation of Bhutan Ltd	...	...	...	...	...
Bhutan Development Bank Ltd	...	...	...	...	...
Bhutan National Bank Ltd	7.07	5.16	3.41	3.25	3.02
Druk PNB Bank Ltd	...	...	...	...	...
T Bank Ltd	...	...	...	...	...
Bhutan Insurance Ltd	...	...	...	...	...
Others	1,778.70	3,400.60	4,431.70	4,668.10	4,157.40
Bank of Bhutan Ltd	314.98	492.29	801.56	939.70	1,085.90

cont...

Table 12.10 cont...

Industry	2015	2016	2017	2018	2019
Royal Insurance Corporation of Bhutan Ltd	359.37	471.46	487.77	615.88	730.21
Bhutan Development Bank Ltd	562.64	660.29	806.33	966.97	708.18
Bhutan National Bank Ltd	253.85	1,132.07	1,137.53	889.95	614.02
DrukPNB Bank Ltd	71.18	286.85	393.86	421.34	344.37
T Bank Ltd	180.53	328.89	771.76	806.78	650.42
Bhutan Insurance Ltd	36.20	28.77	32.89	27.51	24.36
Total	74,777.59	88,408.80	103,338.61	119,449.81	139,098.55

Note: Loan availed by Ministry of Finance has been reported under Service and Tourism in case of BoB Manufacturing and Industry in case of BNB.

Source: Royal Monetary Authority of Bhutan, Thimphu.

Table 12.11: Interest Rates of Deposits in Bank of Bhutan, 2015 - 2019

(Percent)

Type of Deposit	2015	2016	2017	2018	2019
Savings	5.00	5.00	5.00	5.00	5.00
Fixed Deposit (Individual)					
i) 3 months to less than 1 year	5.00	5.00	5.00	5.00	5.50
ii) 1 year to less than 2 years	6.75	6.75	6.75	6.50	6.75
iii) 2 years to less than 3 years	7.25	7.25	7.25	7.00	7.25
iv) 3 years less than 5 years	7.75	7.75	7.75	7.25	...
v) 3 years less than 4 years	...	...	...	...	7.50
vi) 4 years less than 5 years	...	...	...	...	7.75
vii) 5 years less than 7 years	8.50	8.50	8.50	7.25	...
viii) 5 years less than 6 years	...	...	...	...	8.00
ix) 6 years less than 7 years	...	...	...	...	8.25
x) 7 years and above	8.75	8.75	8.75	7.25	8.50
Fixed Deposit (Institutions & Companies)					
i) 1 month to less than 3 months	...	...	...	...	0.75
ii) 3 months to less than 6 months	...	...	...	...	1.50
iii) 6 months to less than 1 year	...	...	...	...	3.00
iv) 91 days to less than 1 year	...	...	...	...	...
v) 1 year to less than 2 years	7.00	7.00	7.00	6.00	6.00
vi) 2 years to less than 3 years	7.50	7.50	7.50	6.50	6.50
vii) 3 years to less than 5 years	8.00	8.00	8.00	7.25	...
viii) 3 years to less than 4 years	...	...	...	...	7.25
ix) 4 years to less than 5 years	...	...	...	...	7.50
x) 5 years to less than 6 years	...	...	...	...	7.75
xi) 5 years to less than 7 years	8.25	8.25	8.25	7.25	...
xii) 6 years to less than 7 years	...	...	...	...	8.00
xiii) 7 years & above	8.50	8.50	8.75	7.25	8.25

Source: Bank of Bhutan, Thimphu

Table 12.12: Interest Rates of Deposits in Bhutan National Bank Ltd., 2015 - 2019

(Percent)

Type of Deposit	2015	2016	2017	2018	2019
Savings	4.50	4.50	4.50	4.50	4.50
Fixed Deposit (Retail)					
i) 46 days to less than 90 days	2.50	2.50	...	...	...
ii) 91 days to less than 180 days	4.00	4.00	...	...	...
iii) 181 days to less than 1 year	5.50	5.50	5.50	5.50	5.50
iv) 1 year to less than 2 years	7.00	7.00	6.00	6.00	6.00
v) 2 years to less than 3 years	7.50	7.50	6.50	6.50	6.50
vi) 3 years less than 4 years	8.00	8.00	7.25	7.25	7.25
vii) 4 years to less than 5 years	8.25	8.25	7.50	7.50	7.50
viii) 5 years to less than 6 years	8.75	8.75	7.75	7.75	7.75
ix) 6 years to less than 7 years	8.75	8.75	8.00	8.00	8.00
x) 7 years to less than 8 years	9.00	9.00	8.25	8.25	8.25
xi) 8 years to less than 9 years	9.00	9.00	8.50	8.50	8.50
xii) 9 years to less than 10 years	9.00	9.00	8.75	8.75	8.75
xiii) 10 years and above	9.25	9.25	9.00	9.00	9.00
Fixed Deposit (Coporate)					
i) 46 days to less than 90 days	2.50	2.50	...	...	...
ii) 91 days to less than 180 days	4.00	4.00	Negotiable	Negotiable	Negotiable
iii) 181 days to less than 1 year	5.50	5.50	Negotiable	Negotiable	Negotiable
iv) 1 year to less than 2 years	7.00	7.00	5.00	5.00	5.00
v) 2 years to less than 3 years	7.50	7.50	6.00	6.00	6.00
vi) 3 years less than 4 years	8.00	8.00	7.25	7.25	7.25
vii) 4 years to less than 5 years	8.25	8.25	7.50	7.50	7.50
viii) 5 years to less than 6 years	8.75	8.75	7.75	7.75	7.75
ix) 6 years to less than 7 years	8.75	8.75	8.00	8.00	8.00
x) 7 years to less than 8 years	9.00	9.00	8.25	8.25	8.25
xi 8 years to less than 9 years	9.00	9.00	8.50	8.50	8.50
xii) 9 years to less than 10 years	9.00	9.00	8.75	8.75	8.75
xiii) 10 years and above	9.25	9.25	9.00	9.00	9.00

Source: Bhutan National Bank Ltd., Thimphu

Table 12.13: Interest Rates of Deposits in Druk PNB Bank Ltd., 2015 - 2019

(Percent)

Type of Deposit	2015	2016	2017	2018	2019
Savings	5.00	5.00	5.00	5.00	5.00
Fixed Deposit (Individual)					
i) 3 months to less than 1 year	4.50	4.50	5.00	3.00	3.00
ii) 1 year to less than 2 years	6.50	6.50	6.50	6.50	6.50
iii) 2 years to less than 3 years	7.00	7.00	7.00	6.50	6.50
iv) 3 years less than 5 years	8.00	8.00	8.00	7.25	7.25
v) 5 years less than 7 years	8.50	8.50	8.25	7.50	7.50
vi) 7 years and above	8.50	8.50	8.75	8.75	8.75
Fixed Deposit (Institutions & Companies)					
i) 91 days to less than 1 year	4.00	4.00	3.00	2.00	2.00
ii) 1 year to less than 2 years	6.00	6.00	5.00	3.00	3.00
iii) 2 years to less than 3 years	7.00	7.00	5.00	4.00	4.00
iv) 3 years to less than 5 years	8.00	8.00	6.00	5.00	5.00
v) 5 years to less than 7 years	8.50	8.50	7.00	5.00	5.00
vi) 7 years & above	8.50	8.50	7.00	5.00	5.00

Source: Druk PNB Bank Ltd., Thimphu

Table 12.14: Interest Rates of Deposits in T Bank Ltd., 2015 - 2019

(Percent)

Type of Deposit	2015	2016	2017	2018	2019
Savings	5.00	5.00	5.00	5.25	5.75
Fixed Deposit (Individual)					
i) 45 days	2.00	2.50	2.50	...	...
ii) 60 days	2.50	3.00	3.00	...	...
iii) 90 days	3.00	4.00	3.50	...	...
iv) 91 days to less than 120 days	5.00	5.00	4.25	5.00	5.00
v) 120 days to less than 180 days	5.25	5.25	4.50	5.00	5.00
vi) 180 days to less than 270 days	5.75	5.75	5.75	5.50	5.50
vii) 270 days to less than 1 year	6.00	6.00	6.00	5.50	5.75
viii) 1 year to less than 2 years	7.00	7.00	7.00	6.75	6.75
ix) 2 years to less than 3 years	7.50	7.50	7.50	7.25	7.25
x) 3 years to less than 4 years	8.00	8.00	8.00	8.00	8.00
xi) 4 years to less than 5 years	8.25	8.25	8.25	8.00	8.00
xii) 5 years to less than 6 years	8.50	8.50	8.50	8.25	8.25
xiii) 7 years to less than 10 years	8.75	9.00	9.00	8.50	8.50
xiv) 10 years and above	9.25	9.50	9.50	9.00	9.00
Fixed Deposit (Corporate)					
i) 45 days	2.00	2.50	2.50	2.00	2.00
ii) 60 days	2.50	3.00	3.00	2.25	2.25
iii) 90 days	3.00	4.00	3.50	2.50	2.50
iv) 91 days to less than 120 days	5.00	5.00	4.25	2.75	2.75
v) 120 days to less than 180 days	5.25	5.25	4.50	3.00	3.00
vi) 180 days to less than 270 days	5.75	5.75	5.75	3.50	3.50
vii) 270 days to less than 1 year	6.00	6.00	6.00	4.00	4.00
viii) 1 year to less than 2 years	7.00	7.00	7.00	5.25	5.25
ix) 2 years to less than 3 years	7.50	7.50	7.50	6.25	6.25
x) 3 years to less than 4 years	8.00	8.00	8.00	7.25	7.25
xi) 4 years to less than 5 years	8.25	8.25	8.25	7.50	7.50
xii) 5 years to less than 6 years	8.50	8.50	8.50	8.00	8.00
xiii) 7 years to less than 10 years	8.75	9.00	9.00	8.50	8.50
xiv) 10 years and above	9.25	9.50	9.50	8.50	8.50

Source: T Bank Ltd., Thimphu

Table 12.15: Interest Rates of Deposits in Bhutan Development Bank Ltd., 2015 - 2019

(Percent)

Type of Deposit	2015**	2016***	2017****	2018*****	2019*
Savings					
Normal Savings	6.00	6.00	6.00	5.75	5.60
Drinchen Ama Savings	6.50	6.50	6.50	5.75	5.60
Fixed Deposit (Individual)					
i) 3 months to 4 months	6.50	6.50	6.50	5.90	5.90
ii) 4 months to 6 months	6.50	6.50	6.50	5.90	5.90
iii) 6 months to 9 months	7.00	7.00	7.00	5.90	5.90
iv) 9 months to 1 year	7.00	7.00	7.00	6.00	6.00
v) 1 year to 2 years	7.50	7.50	7.50	7.00	7.00
vi) 2 years to 3 years	8.00	8.00	8.00	7.50	7.30
vii) 3 years to 4 years	8.50	8.50	8.50	8.00	8.00
viii) 4 years to 5 years	8.75	8.75	8.75	8.25	8.00
ix) 5 years to 6 years	9.25	9.25	9.25	8.50	8.30
x) 6 years to 7 years	9.25	9.25	9.25	8.60	8.30
xi) 7 years to 8 years	9.50	9.50	9.50	9.10	8.75
xii) 8 years to 9 years	9.50	9.50	9.50	9.25	8.80
xiii) 9 years to 10 years	9.50	9.50	9.50	9.35	8.90
xiv) Above 10 years	10.00	10.00	10.00	9.50	9.10
For Institutions & Companies					
i) 46 days to 3 months	1.00	0.00	...	...	...
ii) 3 months to 4 months	...	...	...	4.25	2.00
iii) 3 months to 6 months	5.00	5.00	4.50	...	...
iv) 4 months to 6 months	...	...	...	4.50	2.00
v) 6 months to 9 months	6.00	6.00	5.00	5.00	3.00
vi) 9 months to 1 year	6.50	6.50	6.00	5.50	3.50
vii) 1 year to 2 years	7.00	7.00	7.00	6.50	5.25
viii) 2 years to 3 years	7.50	7.50	7.50	7.00	6.25
ix) 3 years to 4 years	8.00	8.15	8.15	7.50	7.35
x) 4 years to 5 years	8.25	8.30	8.30	7.75	7.60
xi) 5 years to 6 years	...	...	...	8.00	7.85
xii) 5 years to 7 years	8.50	8.75	8.75	...	...

cont...

Table 12.15 cont...

Type of Deposit	2015**	2016***	2017****	2018*****	2019*
xiii) 6 years to 7 years	...	...	...	8.25	8.15
xiv) 7 years to 8 years	...	...	...	8.50	8.35
xv) 7 years to 10 years	8.75	9.00	9.00	...	...
xvi) 8 years to 9 years	...	...	...	8.75	8.60
xvii) 9 years to 10 years	...	...	...	9.00	8.80
xviii) Above 10 years	9.00	9.25	9.25	9.25	9.10

Note: * Fixed Deposit of Individual for the year 2019 is with effect from 1st July 2019.

** Fixed deposit of Institutions & Companies for the year 2015 is with effect from 7th May 2015.

*** Fixed deposit of Institutions & Companies for the year 2016 is with effect from 15th April 2016.

**** Fixed deposit of Institutions & Companies for the year 2017 is with effect from 2nd Feb 2017.

***** Fixed deposit of Institutions & Companies for the year 2018 is with effect from 1st April 2018.

Source: Bhutan Development Bank, Thimphu

Table 12.16: Interest Rates and Repayment Period by Sector and Type of Loan, Bank of Bhutan, 2015 - 2019

Sector/Products	Sep-15		Sep-16				
	Max tenor (Yrs)	Floating	Max tenor (Yrs)	Floating	Floating reset -5yrs	Fixed rate	
Agriculture							
Term	5	11.75%	15	8.49%	10.18%	11.00%	
Working Capital	...	...	...	...	...	...	
Housing							
Non-Commercial	20	13.00%	20	10.31%	11.00%	13.25%	
Commercial	20	13.25%	20	8.46%	10.16%	11.00%	
Personal							
Consumer Loan	5	12.75%	5	9.64%	...	...	
Loan Against Shares	6	12.23%	5	15.00%	...	...	
Mortgage (loan against immovable assets)	5	12.63%	5	9.60%	...	...	
Others	1	15.00%	1	15.00%	...	...	
Festival Advance	5	12.83%	5	9.80%	...	...	
Ladies Plus	3	10.00%	3	9.72%	...	...	
Settlement Loan	1	11.73%	1	10.25%	...	...	
Service							
Hospitality/Entertainment/Recreational	15	12.75%	15	10.10%	11.19%	12.03%	
IT related business	15	12.75%	15	8.49%	10.18%	11.00%	
Setting up of an Institution	15	12.75%	15	8.49%	10.18%	11.00%	
Transport (Tourism)	5	12.15%	5	9.29%	...	...	
Construction of Hotel/Resort/Restaurant	15	12.75%	15	10.18%	10.36%	12.53%	
Set up of Hotel/Resort/Restaurant	15	12.75%	15	8.29%	10.04%	11.00%	
Workshops and Automobiles	1	13.75%	1	12.00%	...	...	
Working Capital	1	13.75%					
Others							
Public Transport	5	13.00%	5	10.04%	11.73%	12.00%	
Bridge / Temporary Loan	1	15.00%	...	...	...	...	
Trade							
Trade & Comm-Export pakaging Credit	1	13.75%	1	9.86%	...	...	
Trade & Comm-Hiring units-Machinery	5	12.15%	5	10.30%	...	...	
Trade & Comm-Contractors and Suppliers	3	13.75%	3	10.66%	...	...	
Term Loan	...	...	...	...	...	...	
Trade & Comm-Wholesale and Retail	1	13.75%	1	12.50%	...	...	

	Sep-17				Sep-18				Sep-19			
	Max tenor (Yrs)	Floating	Floating reset -5yrs	Fixed rate	Max tenor (Yrs)	Floating	Floating reset -5yrs	Fixed rate	Max tenor (Yrs)	Floating	Floating reset -5yrs	Fixed rate
	15	7.99%	8.99%	9.98%	15	7.77%	8.99%	9.98%	15	8.17%	9.35%	10.85%
	1	8.85%	...	...	1	8.63%	...	...	1	9.37%	...	...
	15	8.20%	9.90%	10.75%	20	7.98%	9.90%	10.75%	20	7.98%	9.94%	10.75%
	20	9.15%	10.65%	12.90%	20	8.93%	10.65%	12.90%	20	8.93%	10.66%	12.90%
	5	8.85%	...	...	5	8.63%	...	...	5	8.50%	...	...
	6	10.92%	11.78%	12.08%	5	10.70%	11.78%	12.08%	5	10.77%	12.14%	12.95%
	5	9.45%	...	...	5	9.23%	...	...	5	9.27%	...	...
	1	13.14%	...	...	1	12.92%	...	...	1	12.99%	...	...
	5	9.65%	...	...	5	9.43%	...	...	5	9.48%	...	...
	3	9.57%	...	...		9.35%	...	...	3	9.37%	...	...
	1	10.10%	...	...	2	9.88%	...	...	2	9.67%	...	...
	15	9.95%	11.04%	11.88%	20	9.73%	11.04%	11.88%	20	9.74%	11.40%	12.75%
	15	8.00%	9.68%	10.51%	20	7.78%	9.68%	10.51%	20	8.65%	10.04%	11.38%
	15	8.34%	10.03%	10.85%	20	8.12%	10.03%	10.85%	20	8.72%	10.39%	11.72%
	5	9.14%	...	...	5	8.92%	...	...	5	8.92%		
	15	8.14%	9.89%	10.85%	20	7.92%	9.89%	10.85%	20	7.94%	10.33%	12.02%
	15	8.14%	9.89%	10.85%	20	7.92%	9.89%	10.85%	1	11.66%	0.00%	0.00%
	1	11.85%	...	...	1	11.63%	...	...	1	11.66%	...	...
	1	10.20%	...	...	1	9.98%	...	...	1	9.99%	...	...
					5	9.98%	...	...	5	9.99%	...	...
	10	9.89%	11.58%	11.85%	10	9.67%	11.58%	11.85%	7	9.72%	11.81%	12.73%
	...	...	...	...	...	...	...	...	1	13.00%	...	...
	1	9.71%	...	...	1	9.49%	...	...	1	9.50%	...	...
	5	10.15%	...	...	5	9.93%	...	...	5	9.95%	...	...
	3	10.51%	...	...	3	10.29%	...	...	3	10.30%	...	...
	...	...	...	...	10	10.20%	10.95%	11.71%	10	10.21%	10.76%	12.36%
	1	11.35%	...	...	1	11.13%	...	...	1	11.14%	...	...

cont...

Table 12.16 cont...

Sector/Products	Sep-15		Sep-16				
	Max tenor (Yrs)	Floating	Max tenor (Yrs)	Floating	Floating reset -5yrs	Fixed rate	
WC for Business	...	...	...	...	...	...	
Transport							
Commercial	5	12.15%	5	9.07%	...	...	
Non-Commercial	5	12.15%	5	9.80%	...	...	
Education							
Student Loan	7	12.33%	7	7.86%	9.58%	9.86%	
Manufacturing							
Manufacturing	15	13.00%	15	11.07%	11.47%	13.00%	
WCL-Manufacturing	...	...	...	...	...	...	
Hydropower Term Loan	...	...	...	...	...	...	
Renewable Energy -Term Loan	...	...	...	...	...	...	
Mining and Quarrying	15	13.00%	15	9.49%	11.18%	12.00%	
Bridge/ Temporary Loan	1	15.00%	...	...	...	...	
Others							
Loans for Purchase of Shares/Security	6	12.75%	6	11.05%	11.96%	12.75%	

Source: Bank of Bhutan, Thimphu

	Sep-17				Sep-18				Sep-19			
	Max tenor (Yrs)	Floating	Floating reset -5yrs	Fixed rate	Max tenor (Yrs)	Floating	Floating reset -5yrs	Fixed rate	Max tenor (Yrs)	Floating	Floating reset -5yrs	Fixed rate
	...	...	...	...	1	...	...	...	1	9.23%	...	...
	5	8.92%	...	...	5	8.70%	...	...	5	9.20%	...	...
	5	9.65%	...	...	5	9.43%	...	...	5	9.44%	...	...
	7	7.71%	9.43%	9.71%	7	7.49%	9.43%	9.71%	7	7.98%	9.80%	10.59%
	15	9.98%	10.40%	11.93%	20	9.76%	10.40%	11.93%	20	9.98%	10.74%	12.72%
	...	...	...	...	1	10.83%	...	...	1	9.97%	...	...
	...	...	...	...	20	9.78%	10.42%	11.86%	20	8.00%	9.80%	10.28%
	...	...	...	...	20	9.78%	10.42%	11.86%	20	8.00%	9.40%	9.45%
	15	9.34%	11.03%	11.85%	20	...	11.03%	11.85%	20	10.87%	10.50%	12.72%
	...	...	...	...	...	...	...	...	1	13.00%	...	...
	6	10.90%	11.81%	12.60%	6	10.68%	11.81%	12.60%	6	10.85%	12.16%	13.46%

Table 12.17: Interest Rates and Repayment Period by Sector and Type of Loan, Bhutan National Bank Ltd., 2015 - 2019

Sector/Products	2015		2016			2017			2018			2019	
	Interest Rate (% p.a)	Repayment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repayment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repayment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repayment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)
Agriculture													
Crop Cultivation	...	...	...	...	...	...	...	...	8.00%	...	5	8.00%	...
Agro- Processing	...	...	...	...	...	...	...	...	8.50%	...	5-15	8.50%	...
Livestock Farming	...	...	...	...	...	...	...	...	8-8.50%	...	5-15	8-8.50%	...
Forestry	...	...	...	...	...	...	...	...	8.50%	...	5-15	8.50%	...
Others	...	...	...	...	...	...	...	...	8-8.50%	...	5-15	8-8.50%	...
Production & Manufacturing													
Hydro Power	13.00%	10	11.50%	12.00%	10	11.50%	12.00%	10	11.50%	12.00%	10	11.50%	...
Renewable Energy	13.00%	10	11.50%	12.00%	10	11.50%	12.00%	10	11.50%	12.00%	10	11.50%	...
Manufacturing Enterprises	13.00%	10	11.50%	12.00%	10	11.50%	12.00%	10	11.50%	12.00%	10	11.50%	...
Mining and Quarrying	13.00%	10	11.50%	12.00%	10	11.50%	12.00%	10	11.50%	12.00%	10	11.50%	12.00%
Handicrafts & Textile Production***													
Wood Based Products	13.00%	10	11.50%	12.00%	10	11.50%	12.00%	10	11.50%	12.00%	10	11.50%	...
Traditional and Herbal Medicines	...	...	...	...	...	...	...	...	...	...	...	...	...
Others (Working Capital)	14.00%	1	12.50%	13.00%	1	12.50%	13.00%	1	12.50%	13.00%	1	12.50%	...
Service													
Tourism	13%	20	10%	12.50%	20	10%	10.00%	20	8.50%	12.50%	20	8.50%	12.50%
Hotels & Restaurants	13%	20	10%	12.50%	20	10%	10.00%	20	8.50%	12.50%	20	8.50%	12.50%
ICT***	...	...	...	...	...	...	...	...	...	...	...	...	...

cont...

Table 12.17 cont...

Sector/Products	2015		2016			2017			2018			2019		
	Interest Rate (% p.a)	Repayment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repayment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repayment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repayment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repayment Period (Yrs)
Consultancy Services	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hospitality/ Entertainment/ Recreational Services	13%	20	10%	12.50%	20	10%	12.50%	20	8.50%	12.50%	20	8.50%	8.50%	20
Institutional/ Educational Services	13%	20	10%	12.50%	20	10%	12.50%	20	8.50%	12.50%	20	8.50%	8.50%	20
Health Services & Traditional Medicines	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Construction (Contract)	15%	1	10.50%	12.50%	1	10.50%	12.50%	1	10.50%	12.50%	1	10.50%	12.50%	1
Construction (Contract based)	15%	1	10.50%	12.50%	1	10.50%	12.50%	1	10.50%	12.50%	1	10.50%	12.50%	1
Others	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trade / Commerce														
Retail	15%	5	10.50%	12.50%	5	10.50%	12.50%	5	10.50%	12.50%	5	10.50%	12.50%	5
Wholesale	15%	5	10.50%	12.50%	5	10.50%	12.50%	5	10.50%	12.50%	5	10.50%	12.50%	5
Others (Overdraft)	14%	1	12.00%	13.00%	1	12.00%	13.00%	1	12.00%	13.00%	1	12.00%	13.00%	1
Loans to FI(s)														
Banks	Negotiable	1	...	Negotiable	1	...	Negotiable	1	...	Negotiable	1	...	Negotiable	1
Non-Banks	Negotiable	1	...	Negotiable	1	...	Negotiable	1	...	Negotiable	1	...	Negotiable	1
Housing														
Home loans	13.50%	20	9.00%	10.50% - 11.00%	5-20	9.00%	11.00%	20	9.00%	11.00%	20	9.00%	11.00%	20

cont...

Table 12.17 cont...

Sector/Products	2015		2016			2017			2018			2019		
	Interest Rate (% p.a)	Repayment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repayment Period (Yrs)	Floating Interest Rate (% p.a)	Floating Interest Rate (% p.a)	Repayment Period (Yrs)	Fixed Interest Rate (% p.a)	Floating Interest Rate (% p.a)	Repayment Period (Yrs)	Fixed Interest Rate (% p.a)	Floating Interest Rate (% p.a)	Repayment Period (Yrs)
Commercial loans	13.00%	20	10.00%	12.50% - 13.00%	5-20	9.00%	13.00%	20	10.00%	13.00%	20	10.00%	13.00%	20
Transport														
Commercial	14.00%	5	10.50%	12.00%	5	10.50%	12.00%	5	10.50%	12.00%	5	10.50%	12.00%	5
Non-Commercial	14.00%	5	10.50%	12.00%	5	10.50%	12.00%	5	10.50%	12.00%	5	10.50%	12.00%	5
Personal														
Mortgage Loan	15.00%	5	13.50%	14.00%	5	10.00%	14.00%	5	13.50%	14.00%	5	10.00%	14.00%	5
Consumer Loan (GE Loan)	14.00%	5	11.00%	9.50%	5	11.00%	9.50%	5	11.00%	9.50%	5	11.00%	9.50%	5
Clean Loan	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Credit Loan	1.5% per month	5	...	1.5% per month	5	...	1.5% per month	4	...	1.5% per month	4	...	1.5% per month	4
Loan Against Jewellery	15.00%	5	13.50%	14.00%	5	13.50%	14.00%	5	13.50%	14.00%	5	13.50%	14.00%	5
Others	15.00%	5	13.50%	14.00%	5	13.50%	14.00%	5	13.50%	14.00%	5	13.50%	14.00%	5
Education														
Education Loan	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Loan against fixed deposits														
Loan Against Fixed Deposits	1% above TD inter-est rate	TD Term	...	1% above TD inter-est rate	TD Term	...	1% above TD interest rate	TD Term	...	1% above TD interest rate	TD Term	...	1% above TD interest rate	TD Term
Loans to the Government														
Loans to Government	Negotiable	1	...	Negotiable	1	...	Negotiable	1	...	Negotiable	1	...	Negotiable	1

cont...

Table 12.17 cont...

Sector/Products	2015			2016			2017			2018			2019		
	Interest Rate (% p.a)	Repayment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repayment Period (Yrs)	Floating Interest Rate (% p.a)	Floating Interest Rate (% p.a)	Floating Interest Rate (% p.a)	Repayment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repayment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repayment Period (Yrs)
Others															
Medical Loan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Loan to Purchase Shares/Securities	13.00%	5	11.00%	12.00%	5	11.00%	12.00%	12.00%	5	11%	12.00%	5	11.00%	12.00%	5
Loan Against Shares	13.00%	5	11.00%	12.00%	5	11.00%	12.00%	12.00%	5	11.00%	12.00%	5	11.00%	12.00%	5
Others	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Source: Bhutan National Bank Ltd., Thimphu

Table 12.18: Interest Rates and Repayment Period by Sector and Type of Loan, Druk PNB Bank Ltd., 2016 - 2019

Sector/Products	Oct-16			Sep-17			Sep-18			Jan-19		
	Floating	Semi-Fixed 3 yrs reset	Fixed rate	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)
Agriculture												
Agriculture	10.00%	...	13.00%	...	...	...	9.50%	...	11.00%	9.50%	...	11.00%
Credit Aaurantee Scheme	10.00%	...	12.00%	...	...	...	...	...	...	...	...	...
Crop Cultivation	...	...	...	...	...	...	...	...	...	...	...	...
Agro Processing	...	...	...	...	...	...	...	...	...	...	...	...
Livestock Farming	...	...	...	9.50%	...	11.00%	9.50%	...	11.00%	9.50%	...	11.00%
Forestry	...	...	...	...	...	...	...	...	...	...	...	...
EDP/CGS	...	...	...	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Working Capital	...	...	...	10.00%	...	...	10.00%	...	...	10.00%	...	...
Others	...	...	...	...	...	...	...	...	...	...	...	...
Housing												
Home Loan (personal loan below 5 million)	10.25%	10.50%	13.00%	9.50%	10.00%	11.00%	8.50%	9.00%	10.00%	...	...	...
Home Loan (personal loan above 5 million)	...	...	...	...	...	...	9.25%	9.75%	10.75%	...	...	...
Home Loan (personal loan upto 10 million)	...	...	...	...	...	...	...	...	...	8.00%	8.50%	9.00%
Commercial	10.50%	11.00%	13.00%	10.00%	10.25%	11.25%	10.00%	10.25%	11.25%	9.50%	9.75%	10.75%
Personal												
Mortgage Loan	11.00%	12.00%	13.00%	11.00%	...	...	11.00%	...	...	11.00%	...	...
Consumer Loan (salary based)	9.50%	...	13.00%	...	...	...	9.25%	...	...	9.25%	...	...

cont...

Table 12.18 cont...

Sector/Products	Oct-16			Sep-17			Sep-18			Jan-19		
	Floating	Semi-Fixed 3 yrs reset	Fixed rate	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)
Personal Loan to Govt. Employees with Check off Facility	...	...	...	9.50%	...	...	9.50%	...	...	9.50%	...	...
Clean Loan	...	...	...	14.00%	...	...	14.00%	...	...	14.00%	...	...
Credit Card	...	...	...	...	...	...	...	...	...	...	...	...
Loan Against Jewellery	...	...	...	...	...	...	...	...	...	...	...	...
Others	14.00%	...	14.00%	14.00%	...	...	14.00%	...	...	14.00%	...	...
Service & Tourism												
Service & Tourism	11.00%	11.50%	13.00%	...	...	...	...	...	...	...	...	...
Credit Gaurantee Scheme	10.00%	...	...	...	...	...	...	...	...	...	...	...
Tourism	...	...	...	10.00%	10.50%	11.00%	10.00%	10.50%	11.00%	10.00%	10.50%	11.00%
Hotels & Restaurants	...	...	...	10.50%	10.75%	11.00%	10.50%	10.75%	11.00%	10.50%	10.75%	11.00%
ICT	...	...	...	10.50%	10.75%	11.00%	10.50%	10.75%	11.00%	10.50%	10.75%	11.00%
Consultancy Services	...	...	...	10.00%	10.50%	11.00%	10.00%	10.50%	11.00%	10.00%	10.50%	11.00%
Hospitality, Entertainment & Recreation	...	...	...	10.50%	10.75%	11.00%	10.50%	10.75%	11.00%	10.50%	10.75%	11.00%
Institutional/ Education Services	...	...	...	11.00%	11.50%	12.00%	11.00%	11.50%	12.00%	11.00%	11.50%	12.00%
Health Services & Traditional Medicines	...	...	...	11.00%	11.50%	12.00%	11.00%	11.50%	12.00%	11.00%	11.50%	12.00%
Trade & Commerce												
Trade & Commerce	12.50%	...	14.00%	...	...	...	...	...	...	...	...	...

cont...

Table 12.18 cont...

Sector/Products	Oct-16			Sep-17			Sep-18			Jan-19		
	Floating	Semi-Fixed 3 yrs reset	Fixed rate	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)
Export Packing	11.00%	...	13.00%	...	...	...	...	...	...	...	...	...
Retail	...	...	...	11.50%	...	...	11.50%	...	...	11.50%	...	...
Wholesale	...	...	...	11.50%	...	...	11.50%	...	...	11.50%	...	...
EPC	...	...	...	11.00%	...	...	11.00%	...	...	11.00%	...	...
Overdraft Against IP	...	...	...	11.50%	...	...	11.50%	...	...	11.50%	...	...
Others	...	...	...	12.50%	...	...	12.50%	...	...	12.50%	...	...
Transport												
Commercial (Heavy & Lights)	11.00%	11.00%	13.00%	11.00%	...	...	11.00%	...	...	11.00%	...	...
Non-Commercial												
Govt. Employee (Salary based)	9.75%	...	13.00%	9.75%	...	...	9.75%	...	...	9.75%	...	...
Private and Others	10.25%	...	13.00%	10.25%	...	...	10.25%	...	...	10.25%	...	...
Working Capital	...	...	...	11.00%	...	...	11.00%	...	...	11.00%	...	...
Education												
Education	11.00%	11.50%	13.00%	11.50%	...	...	11.50%	...	...	11.50%	...	...
Corporations												
Govt. Owned/ Guaranteed (50%)	...	...	...	9.00%	...	...	9.00%	...	...	9.00%	...	...
Govt. Owned/ Guaranteed (= or)	...	...	...	10.00%	...	...	10.00%	...	...	10.00%	...	...
Financial Institutions												
Banks	...	...	...	9.00%	...	...	9.00%	...	...	9.00%	...	...

cont...

Table 12.18 cont...

Sector/Products	Oct-16			Sep-17			Sep-18			Jan-19		
	Floating	Semi-Fixed 3 yrs reset	Fixed rate	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)
Non-Banks	...	...	...	10.00%	...	...	10.00%	...	...	10.00%	...	...
Working Capital	...	...	...	10.00%	...	...	10.00%	...	...	10.00%	...	...
Production & Manufacturing												
Production & Manufacturing	11.25%	12.00%	13.00%	...	...	...	...	...	...	...	...	...
Credit Guarantee scheme/EDP	10.00%	...	...	...	...	...	...	...	...	...	...	...
Export Packing	11.00%	...	...	...	...	...	...	...	...	...	...	...
Hydro Power	...	...	...	...	...	...	...	...	...	...	...	...
Renewable Energy	...	...	...	...	...	...	...	...	...	...	...	...
Manufacturing Enterprises	...	...	...	11.00%	11.50%	12%	11.00%	11.50%	12.00%	11.00%	11.50%	12.00%
Mining & Quarrying	...	...	...	11.25%	12.00%	12.50%	11.25%	12.00%	12.50%	11.25%	12.00%	12.50%
Handicrafts & Textile Productions	...	...	...	10.50%	10.75%	11.00%	10.50%	10.75%	11.00%	10.50%	10.75%	11.00%
Wood Based Products	...	...	...	10.50%	10.75%	11.00%	10.50%	10.75%	11.00%	10.50%	10.75%	11.00%
Traditional and Herbal Medicines	...	...	...	...	...	...	...	...	...	...	...	...
Other EDP	...	...	...	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
EPC	...	...	...	11.00%	...	...	11.00%	...	...	11.00%	...	...
Working Capital	...	...	...	11.25%	...	...	11.25%	...	...	11.25%	...	...
Other (Transport)	...	...	...	11.00%	...	...	11.00%	11.50%	12.00%	11.00%	11.50%	12.00%

cont...

Table 12.18 cont...

Sector/Products	Oct-16			Sep-17			Sep-18			Jan-19		
	Floating	Semi-Fixed 3 yrs reset	Fixed rate	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)
Contract & Supply Order												
Contract & Supply Order	12.00%	...	14.00%	...	...	...	...	...	...	...	...	...
Contract (Non construction)	...	...	...	11.00%	...	...	11.00%	...	...	11.00%	...	...
Contract (Construction)	...	...	...	12.00%	...	...	12.00%	...	...	12.00%	...	...
EDP/CGS	...	...	...	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Working Capital	...	...	...	11.50%	...	...	11.50%	...	...	11.50%	...	...
Others	...	...	...	11.50%	...	...	11.50%	...	...	11.50%	...	...
Others												
Share Loan & Others	11.00%	12.00%	13.00%	...	...	...	...	...	...	...	...	...
Medical Loan	...	...	...	...	...	...	...	...	...	...	...	...
Purchase Shares/ Securities	...	...	...	11.00%	11.00%	12.00%	11.00%	11.50%	12.00%	11.00%	11.50%	12.00%
Against Shares	...	...	...	11.00%	11.50%	12.00%	11.00%	11.50%	12.00%	11.00%	11.50%	12.00%
Overdraft	...	...	...	11.00%	...	...	11.00%	...	...	11.00%	...	...
Others (PBRD)	...	...	...	...	...	...	...	...	...	...	...	...
MLR Exempted (Staff Incentives only)												
Vehicle Loan	...	...	...	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Housing Loan	...	...	...	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Festival Loan	...	...	...	...	...	...	...	...	...	...	...	...
Soft Loan	...	...	...	...	...	...	...	...	...	...	...	...

cont...

Table 12.18 cont...

Sector/Products	Oct-16			Sep-17			Sep-18			Jan-19		
	Floating	Semi-Fixed 3 yrs reset	Fixed rate	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)	Floating 12 Months	Semi-Fixed 3 yrs reset	Fixed rate (5 yrs Review)	Floating 12 Months	Semi-Fixed Fixed 3 yrs reset	Fixed rate (5 yrs Review)
Establishment Loan	...	...	...	...	...	...	...	...	...	...	...	...
OD Facilities	...	...	...	...	...	...	...	...	...	...	...	...
Others	...	...	...	...	...	...	...	...	...	...	...	...
Loan against Deposits												
Own Deposits	...	...	...	...	...	...	...	...	...	...	...	...
Third Party Deposits	...	...	...	...	...	...	...	...	...	...	...	...
PSL	...	...	...	...	...	...	...	...	...	...	...	...

Source: Druk PNB Bank Ltd., Thimphu

Table 12.19: Interest Rates and Repayment Period by Sector and Type of Loan, T Bank Ltd., 2015 - 2019

Sector/Products	2015		2016		2017		2018		2019	
	Max Tenor (Yrs)	Fixed Rate	Max Tenor (Yrs)	Fixed Rate	Max Tenor (Yrs)	Fixed Rate	Max Tenor (Yrs)	Fixed Rate	Max Tenor (Yrs)	Fixed Rate
Agriculture										
PSL Agriculture	...	...	...	...	...	...	5	8.00%	5	8.00%
Housing										
Home Loan	20	13.00%	20	10.45%	20	9.50%	20	9.50%	20	11.00%
Commercial	20	13.00%	20	10.50%	20	10.00%	20	10.00%	20	11.00%
Personal										
Consumer loan	5	13.00%	5	9.65%	5	9.30%	5	9.30%	5	...
Mortgage Loan	7	15.00%	7	13.00%	5	13.00%	5	13.00%	5	...
Computer /Gadget Loan	2	13.00%	2	11.00%	2	11.00%	2	11.00%	2	...
Personal Loan	7	15.00%	7	13.50%	5	13.50%	5	13.50%	5	...
Festival Loan	...	...	...	...	...	...	...	...	5	13.00%
Service										
Service & Tourism	20	13.00%	20	11.20%	20	9.25%	20	9.25%	20	9.25%
Service & Tourism	10	13.00%	10	10.70%	10	9.50%	10	9.50%	10	9.50%
Working Capital for Service & Tourism	1	14.00%	7	13.00%	7	13.00%	7	13.00%	7	13.00%
Trading										
Trade & Commerce Loan	7	14.00%	7	13.00%	7	13.00%	7	13.00%	7	13.00%
Loan to SME	5	13.00%	5	10.75%	5	10.75%	5	10.75%	5	...
Overdraft for Trade & Commerce	1	14.00%	1	12.00%	1	12.00%	1	12.00%	1	...
PLS Non-Agriculture	...	...	...	...	...	...	10	8.50%	10	8.50%

cont...

Table 12.19 cont...

Sector/Products	2015		2016		2017		2018		2019	
	Max Tenor (Yrs)	Fixed Rate	Max Tenor (Yrs)	Fixed Rate	Max Tenor (Yrs)	Fixed Rate	Max Tenor (Yrs)	Fixed Rate	Max Tenor (Yrs)	Fixed Rate
Transport										
Earth Moving Equipment	5	14.00%	5	12.50%	5	12.50%	5	12.50%	5	12.25%
Transport Heavy (Commercial)	5	14.00%	5	10.95%	5	10.95%	5	10.95%	5	10.75%
Transport for Tourism	5	13.00%	5	10.45%	5	10.45%	5	10.45%	5	10.25%
Transport Public Bus	5	13.00%	5	10.45%	5	10.45%	5	10.45%	5	10.25%
Transport Light (Commercial)	5	13.00%	5	11.45%	5	11.75%	5	11.75%	5	11.50%
Transport Light (Non-Commercial)	5	13.00%	5	9.85%	5	9.85%	5	9.85%	5	9.50%
Education										
Education Loan	5	15.00%	5	13.00%	5	13.00%	5	13.00%	5	12.00%
Production & Manufacturing										
Manufacturing and Industry	10	13.00%	10	12.00%	15	11.00%	15	11.00%	15	10.00%
Working Capital for Manufacturing & Industry	1	14.00%	1	12.00%	1	11.00%	1	11.00%	1	11.00%
Others										
Loan Against Shares	7	13.00%	7	11.50%	7	11.50%	10	10.90%	10	10.90%
										10.75%

Source: T Bank Ltd., Thimphu

Table 12.20: Interest Rates and Repayment Period by Sector and Type of Loan, Bhutan Development Bank Ltd, 2015 - 2019

Sector/Products	2015		2016		2017		2018		2019	
	Interest Rate (% p.a)	Repayment Period (Yrs)	Interest Rate (% p.a)	Repayment Period (Yrs)	Interest Rate (% p.a)	Repayment Period (Yrs)	Interest Rate (% p.a)	Repayment Period (Yrs)	Interest Rate (% p.a)	Repayment Period (Yrs)
Agriculture & Animal Husbandary										
Agriculture Loan	12.00%	5	10.55%	5	10.25%	5	10.25%	5	10.25%	5
Animal Husbandary Loan	12.00%	10	0.00%	0	10.50%	10	10.50%	10	10.50%	10
DAMC Cooperative Revolving Loan	10.00%	5	10.00%	5	10.00%	5	10.00%	5	10.00%	5
Group Seasonal Loan	10.00%	1	10.00%	1	10.00%	1	10.00%	1	10.00%	1
Group Term Loan	10.00%	5	10.00%	5	10.00%	5	10.00%	5	10.00%	5
Resettlement Term Loan	10.00%	1	10.00%	1	10.00%	5	10.00%	5	10.00%	5
Seasonal Loan	13.00%	1	11.50%	1	11.55%	1	11.55%	1	11.55%	1
Co-operative Loan	12.00%	5	...	...	12.00%	5	12.00%	5	12.00%	5
Housing Loan										
Home	...	...	...	...	10.00%	5	10.00%	5	10.00%	5
	...	...	...	...	10.25%	10	10.25%	10	10.25%	10
	...	...	...	...	10.50%	20	10.50%	20	10.50%	20
Commercial	13.50%	5	11.35%	5	10.50%	5	10.50%	5	10.50%	5
	13.50%	10	12.35%	10	11.00%	10	11.00%	10	11.00%	10
	14.00%	20	12.85%	20	11.25%	20	11.25%	20	11.25%	20
Personal Loan										
Consumer Loan	13.00%	5	9.75%	5	9.50%	5	9.50%	5	9.50%	5
Personal Loan	15.00%	5	13.50%	5	13.50%	5	13.50%	5	13.50%	5
Home Settlement Loan	...	...	9.75%	5	9.50%	5	9.50%	5	9.50%	5
Staff Loan										
Staff Loan- Housing	...	...	...	...	5.00%	5,10,20	5.00%	5,10,20	5.00%	5,10,20

cont...

Table 12.20 cont...

Sector/Products	2015			2016			2017			2018			2019		
	Interest Rate (% p.a)	Repayment Period (Yrs)	Interest Rate (% p.a)	Repayment Period (Yrs)	Interest Rate (% p.a)	Repayment Period (Yrs)	Interest Rate (% p.a)	Repayment Period (Yrs)	Interest Rate (% p.a)	Repayment Period (Yrs)	Interest Rate (% p.a)	Repayment Period (Yrs)	Interest Rate (% p.a)	Repayment Period (Yrs)	Interest Rate (% p.a)
Staff Loan- Transport	...	...	...	...	...	...	5.00%	5	5.00%	5	5.00%	5	5.00%	5	5.00%
Staff Loan- Others	...	...	...	...	...	...	5.00%	...	5.00%	...	5.00%	...	5.00%	...	5.00%
Invoked BG Loan															
Service Loan															
Service & Tourism Loan	13.00%	5	11.35%	5	10.70%	5	10.70%	5	10.70%	5	10.70%	5	10.70%	5	10.70%
	13.00%	10	12.35%	10	11.00%	10	11.00%	10	11.00%	10	11.00%	10	11.00%	10	11.00%
	14.00%	20	12.85%	20	11.20%	20	11.20%	20	11.20%	20	11.20%	20	11.20%	20	11.20%
Service & Tourism Loan															
EDP Loan	...	...	...	...	10.00%	10	10.00%	10	10.00%	10	10.00%	10	10.00%	10	10.00%
Construction Loan	1400.00%	5	12.20%	5	12.20%	5	12.20%	5	12.20%	5	12.20%	5	12.20%	5	12.20%
Trade & Commerce															
General Trade Loan	13.00%	5	12.50%	5	12.25%	5	12.25%	5	12.25%	5	12.25%	5	12.25%	5	12.25%
Micro Enterprise Loan (BCCI Scheme)	12.00%	5	12.00%	5	12.00%	5	12.00%	3	12.00%	3	12.00%	3	12.00%	3	12.00%
BCCI SME Revolving Loan	10.00%	5	10.00%	5	10.00%	5	10.00%	3	10.00%	3	10.00%	3	10.00%	3	10.00%
Working Capital (OD)	14.00%	1	12.00%	1	12.00%	1	12.00%	1	12.00%	1	12.00%	1	12.00%	1	12.00%
Overdraft General	14.00%	1	12.00%	1	12.00%	1	12.00%	1	12.00%	1	12.00%	1	12.00%	1	12.00%
Transport Loan															
Transport	14.00%	5	12.50%	5	12.50%	5	12.50%	5	12.50%	5	12.50%	5	12.50%	5	12.50%
Education Loan															
Education Loan	12.00%	5	11.50%	5	10.00%	5	10.00%	5	10.00%	5	10.00%	5	10.00%	5	10.00%
Education and Skill Enhancement Loan	...	...	...	...	...	...	...	...	...	...	...	...	13.50%	6 months	13.50%
OSD Loan	...	...	...	...	8.00%	...	8.00%	5	8.00%	5	8.00%	5	8.00%	5	8.00%

cont...

Table 12.20 cont...

Sector/Products	2015		2016		2017		2018		2019	
	Interest Rate (% p.a)	Repayment Period (Yrs)	Interest Rate (% p.a)	Repayment Period (Yrs)	Interest Rate (% p.a)	Repayment Period (Yrs)	Interest Rate (% p.a)	Repayment Period (Yrs)	Interest Rate (% p.a)	Repayment Period (Yrs)
Production & Manufacturing										
Manufacturing and Industrial Loan	13.00%	5	11.30%	5	11.30%	5	11.30%	5	11.30%	5
	13.00%	10	12.30%	10	12.30%	10	12.30%	10	12.30%	10
Small Scale Industrial Loan	13.00%	5	11.50%	5	11.30%	5	11.30%	5	11.30%	5
	...	...	...	...	11.50%	10	11.50%	10	11.50%	10
Working Capital (Term Loan)	14.00%	1	12.00%	1	12.00%	1	12.00%	1	12.00%	1
Share/Equity										
Purchase of Share/Equity	...	...	...	...	11.50%	5	12.50%	5	12.50%	5
Loan Against Fixed Deposit										
Loan Against Coporate Deposit	1% higher to Fixed Deposit Rate									
Loan Against Fixed Deposit										
Inter Bank Borrowing										
Inter Bank Lending	...	...	...	...	...	...	...	...	...	...
Loan to the Government										
Loan to the Government	...	...	...	...	...	...	...	...	...	...

Source: Bhutan Development Bank Ltd. Thimphu

Table 12.21: Royal Securities Exchange of Bhutan Ltd. Number of Share Holders at the End of December, 2015 - 2019

(Number)

Company	2015	2016	2017	2018	2019
Bhutan Board Products Ltd. (BBPL)	479	477	478	476	496
Bhutan Carbide & Chemical Ltd. (BCCL)	260	263	265	267	265
Bhutan Ferro Alloys Ltd. (BFAL)	43	43	43	43	43
Bhutan Insurance Ltd. (BIL)	4,318	4,294	4,269	4,283	4,476
Bhutan National Bank Ltd. (BNBL)	4,514	4,514	4,533	5,213	6,253
Bhutan Polymers Company Ltd. (BPCL)	128	129	127	127	144
Bhutan Tourism Corpn. Ltd (BTCL)	156	156	156	156	166
Druk Ferro Alloys Ltd. (DFAL)	459	459	457	469	487
Dungsam Polymers Ltd. (DPL) ²	14,416	14,359	14,317	14,288	14,210
Druk plaster & Chemicals Ltd. (DPOP)	214	214	214	215	217
Druk PNB Bank (DPNB)	22,143	22,050	21,941	21,987	21,630
T Bank Ltd. (TBL)	7,756	7,703	7,647	7,609	7,686
Druk Satair Corporation Ltd. (DSCL)	1,265	1,262	1,262	1,262	1,264
Druk Wang Alloys Ltd. (DWAL)	494	498	500	500	534
Jigme Mining Corporation Ltd. (JMCL)	416	417	417	416	440
Kuensel Corporation Ltd. (KCL)	232	231	231	231	246
Penden Cement Authority Ltd. (PCAL)	1,417	1,418	1,403	1,446	1,514
Royal Insurance Corpn. of Bhutan (RICB)	1,493	1,484	1,481	1,606	1,853
S.D Eastern Bhutan Coal Company Ltd. (EBCC)	1,059	1,053	1,052	1,047	1,074
State Trading Corpn. of Bhutan Ltd. (STCB)	136	137	136	138	151
GIC-Bhutan Re-Limited (GBRL) ³	1,157	1,138	1,137	1,132	1,155
Sherza Ventures Ltd. (SVL)	...	...	...	...	7,116
TOTAL	62,555	62,299	62,066	62,911	71,420

Note: ² Listed on August 2013, & ³ Listed on August 2014

Source: Royal Securities Exchange of Bhutan Ltd, Thimphu.

‘Table 12.22: Royal Securities Exchange of Bhutan Ltd. Market Information at the End of December, 2019

Company	Paid-Up Shares	Price per share (Nu)	Market capitalization (Nu. in million)
Bhutan Board Products Ltd. (BBPL)	14,000,140	17.10	239.40
Bhutan Carbide & Chemical Ltd. (BCCL)	10,000,000	73.50	735.00
Bhutan Ferro Alloys Ltd. (BFAL)	15,000,000	60.00	900.00
Bhutan Insurance Ltd. (BIL)	30,000,000	40.50	1,215.00
Bhutan National Bank Ltd. (BNBL)	395,032,311	35.50	14,023.65
Bhutan Polymers Company Ltd. (BPCL)	2,493,340	53.68	133.84
Bhutan Tourism Corpn. Ltd (BTCL)	2,094,000	138.60	290.23
Druk Ferro Alloys Ltd. (DFAL)	28,977,620	72.25	2,093.63
Dungsam Polymers Ltd. (DPL)	15,272,350	15.50	236.72
Druk plaster & Chemicals Ltd. (DPOP)	1,000,000	33.15	33.15
Druk PNB Bank (DPNB)	70,000,000	78.00	5,460.00
T Bank Ltd. (TBL)	60,025,223	48.00	2,881.21
Druk Satair Corporation Ltd. (DSCL)	6,848,142	34.00	232.84
Druk Wang Alloys Ltd. (DWAL)	17,314,353	73.50	1,272.60
Jigme Mining Corporation Ltd. (JMCL)	2,388,827	535.50	1,279.22
Kuensel Corporation Ltd. (KCL)	5,000,000	59.00	295.00
Penden Cement Authority Ltd. (PCAL)	34,000,070	128.00	4,352.01
Royal Insurance Corpn. of Bhutan (RICB)	140,000,180	78.50	10,990.01
S.D Eastern Bhutan Coal Company Ltd. (EBCC)	5,210,000	214.00	1,114.94
State Trading Corpn. of Bhutan Ltd. (STCB)	18,000,160	64.00	1,152.01
GIC-Bhutan Re-Limited (GBRL)	50,000,000	44.00	2,200.00
Sherza Ventures Ltd. (SVL)	16,907,221	16.63	281.17
TOTAL	939,563,937		51,411.63

Source: Royal Securities Exchange of Bhutan Ltd. Thimphu.

Table 12.23: Royal Securities Exchange of Bhutan Ltd.Total Traded Volume at the End of December, 2015 - 2019

(Number)

Company	2015	2016	2017	2018	2019
Bhutan Board Products Ltd. (BBPL)	1,000	40,000	...	4,000	54,897
Bhutan Carbide & Chemicals Ltd.(BCCL)	800	75,000	1,250	3,800	3,045
Bhutan Ferro Alloys Ltd.(BFAL)	...	1,000	...	...	...
Bhutan Insurance Ltd.(BIL)	715,020	244,820	47,800	282,021	1,661,657
Bhutan National Bank Ltd.(BNBL)	4,983,929	9,893,122	3,166,772	8,697,358	15,001,313
Bhutan Polymers Company Ltd.(BPCL)	...	23,790	20,000	1,800	48,308
Bhutan Tourism Corpn. Ltd.(BTCL)	3,200	...	...	1,200	1,628
Druk Ferro Alloys Ltd.(DFAL)	11,500	60,000	113,200	129,661	125,149
Dungsam Polymers Ltd.(DPL)	32,360	17,320	8,930	389,536	248,353
Druk Plaster & Chemicals Ltd.(DPOP)	...	...	...	1,500	2,550
Druk PNB Bank Ltd.(DPNB)	105,254	52,250	77,309	108,450	392,514
T Bank Ltd. (TBL)	274,672	256,730	150,880	484,312	1,159,925
Druk Satair Corpn. Ltd.(DSCL)	...	...	10,280	...	...
Druk Wang Alloys Ltd.(DWAL)	,033,836	5,050	183,130	81,430	147,737
Jigme Mining Corporation Ltd.(JMCL)	37,350	4,044	...	7,700	681
Kuensel Corporation Ltd.(KCL)	8,670	1,500	...	...	49,322
Penden Cement Authority Ltd.(PCAL)	310,940	65,050	23,125	650,357	386,041
Royal Insurance Corpn. of Bhutan Ltd. (RICB)	72,334,495	442,200	423,600	341,578	2,951,444
S.D Eastern Bhutan Coal Company Ltd. (EBCC)	9,000	500	7,000	5,000	109,034
State Trading Corpn. of Bhutan Ltd.(STCB)	85,500	148,300	900	92,000	75,446
GIC-Bhutan Re-Limited (GBRL)	340,450	155,940	5,952	546,531	1,151,140
Sherza Ventures Ltd. (SVL)	...	...	...	...	47,481
Total	80,287,976	11,486,616	4,240,128	11,828,234	23,617,665

Note: Total traded volume is inclusive of Initial Public Offering (IPO), Secondary trading and Corporate actions

Source: Royal Securities Exchange of Bhutan Ltd. Thimphu

Table 12.24: Royal Securities Exchange of Bhutan Ltd. Traded Values, 2015 - 2019

(In Million Nu.)

Company	Capital Market	2015	2016	2017	2018	2019
Bhutan Board Products Ltd. (BBPL)	Primary	...	...	...	...	...
	Secondary	0.01	0.40	...	0.05	1.10
Bhutan Carbide & Chemicals Ltd. (BCCL)	Primary	...	...	...	...	...
	Secondary	0.06	5.63	0.09	0.27	0.22
Bhutan Ferro-Alloys Ltd. (BFAL)	Primary	...	...	...	...	...
	Secondary	...	0.06	...	...	...
Bhutan National Bank Ltd. (BNBL)	Primary	...	...	...	...	...
	Secondary	134.26	282.97	86.57	256.94	556.61
Bhutan Polymers Company Ltd. (BPCL)	Primary	...	...	...	...	...
	Secondary	...	0.24	0.20	0.02	1.79
Bhutan Tourism Corpn. Ltd (BTCL)	Primary	...	...	...	...	...
	Secondary	0.13	...	...	0.05	0.16
Druk plaster & Chemicals Ltd. (DPOP)	Primary	...	...	...	...	...
	Secondary	...	...	...	0.03	0.08
Druk Satair Corpn. Ltd. (DSCL)	Primary	...	...	...	...	...
	Secondary	...	...	0.35	...	...
Druk PNB Bank Ltd. (DPNB)	Primary	...	...	...	...	...
	Secondary	1.65	1.12	1.75	3.23	28.75
T Bank Ltd.(TBL)	Primary	...	...	...	...	175.25
	Secondary	4.06	3.85	2.62	16.87	53.79
Druk Wang Alloys Ltd.(DWAL)	Primary	...	...	...	...	...
	Secondary	2.43	0.19	6.27	2.91	13.49
S.D Eastern Bhutan Coal Company Ltd. (EBCC)	Primary	...	...	...	...	...
	Secondary	0.36	0.02	0.30	0.24	19.43
Kuensel corporation Ltd.(KCL)	Primary	...	...	...	...	...
	Secondary	0.10	0.02	...	...	2.15
Penden Cement Authority Ltd.(PCAL)	Primary	...	...	...	...	...
	Secondary	17.76	3.62	1.35	41.98	46.24
Royal Insurance Corpn. of Bhutan Ltd.(RICB)	Primary	...	...	...	...	200.00
	Secondary	10.36	17.63	22.46	23.21	246.81
State Trading Corpn. of Bhutan Ltd. (STCB)	Primary	...	...	...	...	...
	Secondary	1.47	2.61	...	1.88	3.62

cont...

Table 12.24 cont...

Company	Capital Market	2015	2016	2017	2018	2019
Jigme Mining Corporation Ltd. (JMCL)	Primary	...	...	...	...	...
	Secondary	2.68	0.32	...	0.54	0.16
Druk Ferro Alloys Ltd.(DFAL)	Primary	...	...	...	...	...
	Secondary	0.28	1.40	2.14	5.07	11.05
Dungsam Polymers Ltd. (DPL)	Primary	...	...	...	...	...
	Secondary	0.57	0.30	0.14	5.99	5.60
Bhutan Insurance Ltd.(BIL)	Primary	...	...	...	...	...
	Secondary	13.56	6.24	1.34	14.53	78.88
GIC-Bhutan Re-Limited (GBRL)	Primary	...	...	...	...	...
	Secondary	4.04	2.05	0.10	10.45	54.90
Sherza Ventures Ltd	Primary	...	...	...	...	77.00
	Secondary	...	...	...	...	0.95
TOTAL		193.78	328.67	125.68	384.26	1,578.03

Source: Royal Securities Exchange of Bhutan Ltd.Thimphu

Table 12.25: Dividend Declared by the Company, 2015 - 2019

(Percent)

Company	2015	2016	2017	2018	2019
Bhutan Board Products Ltd. (BBPL)	8.0	...	...	...	...
Bhutan Carbide & Chemicals Ltd.(BCCL)	10.0	...	35.0	50.0	...
Bhutan Ferro Alloys Ltd.(BFAL)	40.0	...	100.0	150.0	...
Bhutan Insurance Ltd.(BIL)	16.8	27.0	35.0	...	16.0
Bhutan National Bank Ltd.(BNBL)	14.1	13.4	16.4	10.0	0.7
Bhutan Polymers Company Ltd.(BPCL)	15.0	25.0	30.0	20.0	...
Bhutan Tourism Corpn. Ltd (BTCL)	...	30.0	30.0	30.0	...
Druk Ferro Alloys Ltd.(DFAL)	...	11.0	30.0	80.0	10.0
Druk PNB Bank Ltd.(DPNB)	...	10.0	12.0	15.0	...
Druk Plaster & Chemicals Ltd.(DPOP)	...	...	...	...	...
Druk Satair Corpn. Ltd.(DSCL)	130.0	80.0	100.0	...	...
Druk Wang Alloys Ltd.(DWAL)	15.0	20.0	10.0	20.0	30.0
S.D Eastern Bhutan Coal Company Ltd.(EBCC)	200.0	200.0	200.0	290.0	...
Jigme Mining Corporation Ltd.(JMCL)	200.0	500.0	500.0	500.0	500.0
Kuensel Corporation Ltd.(KCL)	18.0	18.0	17.0	12.0	15.0
Penden Cement Authority Ltd.(PCAL)	35.0	70.0	70.0	60.0	...
Royal Insurance Corpn. of Bhutan Ltd.(RICB)	20.0	25.0	12.6	...	...
T Bank Ltd. (TBL)	5.7	...	...	...	11.0
State Trading Corpn. of Bhutan Ltd.(STCB)	15.0	18.0	20.0	21.0	15.0
Dungsam Polymers Ltd.(DPL)	...	...	...	...	...
GIC-Bhutan Re-Limited (GBRL)	...	...	3.0	...	...
Sherza Ventures Ltd. (SVL)	...	...	...	...	...

Source: Royal Securities Exchange of Bhutan Ltd, Thimphu.

Until the inception of Five Year Plan (FYP) in the country, the economic activities were basically carried out in traditional way. In Particular, the economic transactions were done through barter system and taxes were collected in the form of kind and labor. The citizens were required to remit certain portion of their agricultural, forest and livestock produce to government and it was mandatory for Bhutanese households to provide labor services to accomplish national goals.

With start of FYP development in 1961 and the steady economic integration at regional to global level necessitated institutionalization of contemporary public finance system in the country. For this, the position of Finance Secretary was created under the Royal Secretariat in 1963 which gradually gave birth to the Ministry of Finance in 1968, becoming one of the foremost Ministries in Bhutan. Further, with the introduction of Bhutanese paper currency in 1974, there has been systematic transition from barter system to monetized economy and the ancient taxation system gradually phased out and got replaced by monetary taxation. In order to institutionalize fair and equitable taxation with coherent and rational tax system, taxation policy was initiated in the year 1989. The taxation policy was further revised in 1992, to trim down the tax formation and also to widen tax base in the country.

Today as obligated under Public Finance Act, 2007 that the “Kingdom of Bhutan shall have a sound system of public finance, based on principles of efficiency, economy, effectiveness, equity, sustainability, transparency and accountability” and the Ministry of Finance shall be responsible for reporting of the state of the economy and fiscal position of the government to the parliament demands statistics related to public finance.

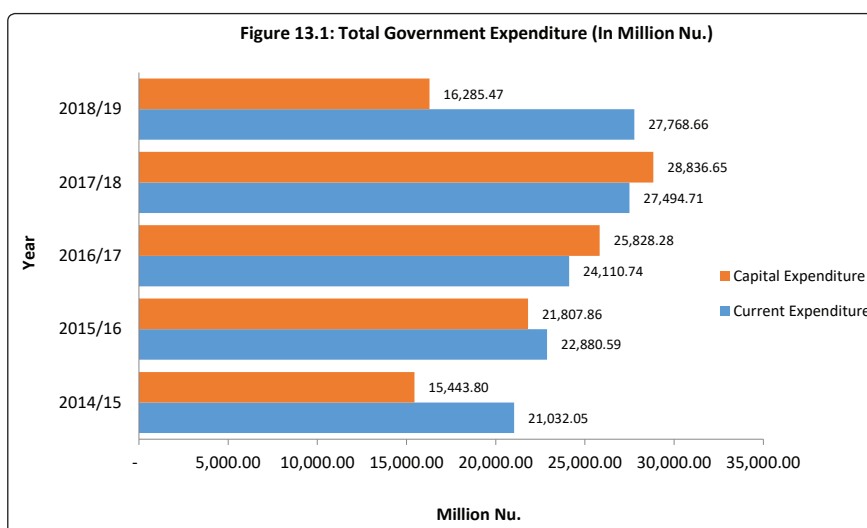


Table 13.1: Actual Annual Current Expenditure of the Government by Agency for the FY 2014/15 - 2018/19

(In Million Nu.)

Agency	2014/15	2015/16	2016/17	2017/18	2018/19
Ministry	10,849.192	12,687.916	11,918.394	14,572.039	13,379.639
Ministry of Home & Cultural Affairs	1,482.861	1,618.889	1,832.516	1,856.126	1,957.091
Ministry of Finance	4,226.497	4,670.590	4,666.228	7,024.070	5,482.261
Ministry of Foreign Affairs	529.463	620.016	599.043	629.519	647.153
Ministry of Agriculture & Forests	1,739.289	1,850.925	2,029.863	2,069.680	2,015.810
Ministry of Economic Affairs	309.807	323.176	331.232	271.238	259.227
Ministry of Works & Human Settlement	497.333	578.009	609.642	620.203	650.936
Ministry of Information & Communications	218.142	231.673	253.921	265.357	356.403
Ministry of Health	843.424	934.666	962.171	1,114.105	1,201.340
Ministry of Education	783.946	1,625.620	394.163	478.386	564.718
Ministry of Labour & Human Resources	218.430	234.352	239.615	243.355	244.700
Judiciary	259.929	265.067	269.217	292.117	282.620
Thromdes	591.860	563.030	744.496	792.060	875.839
Constitutional Bodies	279.184	376.740	538.455	602.939	798.535
Royal Civil Service Commission	57.283	82.202	67.767	58.984	62.687
Anti-Corruption Commission	44.703	52.243	72.488	84.37	82.934
Election Commission of Bhutan	44.757	94.401	243.413	284.767	477.720
Royal Audit Authority	132.441	147.894	154.787	174.818	175.194
Autonomous Bodies	2,457.372	2,577.139	2,879.666	3,070.256	4,064.676
His Majesty's Secretariat	33.659	28.773	33.474	32.519	34.868
His Majesty's Secretariat (4th King)	21.660	19.890	23.194	20.187	17.952
National Assembly of Bhutan	98.892	106.081	111.984	130.584	133.503

cont...

Table 13.1 cont...

Agency	2014/15	2015/16	2016/17	2017/18	2018/19
National Council of Bhutan	67.344	74.373	83.820	106.098	82.509
Council For Religious Affairs	571.636	597.524	635.466	664.669	699.247
Cabinet Secretariat	40.464	48.369	60.713	53.716	49.509
Office of The Attorney General	25.535	34.168	37.301	41.611	41.059
Bhutan Olympic Committee	24.327	48.986	32.035	25.972	105.523
Dzongkha Development Commission	19.248	15.710	20.937	18.786	20.139
National Land Commission	232.482	154.465	149.234	156.783	150.498
Centre for Bhutan Studies and GNH Research	38.298	35.394	24.985	40.462	33.457
Gross National Happiness Commission	39.245	41.265	37.526	39.768	42.648
National Environment Commission	33.276	31.134	29.870	30.952	34.982
Royal Institute of Management	48.311	49.906	45.456	47.374	43.644
Royal University of Bhutan	0.575	...	2.700	32.144	706.409
National Statistics Bureau	30.426	84.383	218.139	48.481	34.134
Bhutan Narcotic Control Authority	16.776	15.437	14.922	22.720	25.793
Bhutan Information Communication Media Authority	17.620	17.039	17.446	18.243	14.038
Drug Regulatory Authority	11.660	12.891	13.065	15.693	16.099
Tourism Council of Bhutan	56.298	57.739	55.057	59.486	60.928
National Commission for Women & Children	12.551	12.444	14.310	16.460	16.023
Royal Education Council	17.905	43.367	38.645	37.192	34.279
Bhutan Council for School Examination & Assessment	90.504	98.471	113.166	118.717	128.948
Royal Privy Council	13.328	14.650	12.620	14.949	12.039
Bhutan Standard Bureau	28.427	26.904	27.616	27.637	27.112
Khesar Gyalpo University of Medical Sciences of Bhutan	20.973	25.620	39.497	43.731	110.810

cont...

Table 13.1 cont...

Agency	2014/15	2015/16	2016/17	2017/18	2018/19
Jigme Singye Wangchuk School of Law	8.168	8.275	15.959	31.154	28.565
Bhutan National Legal Institute	17.005	14.328	17.936	15.837	12.071
Civil Society Organisations Authority	4.027	3.024	3.136	2.804	3.689
Jigme Dorji Wangchuk National Referral Hospital	816.752	856.529	930.612	1,050.200	1,223.029
Construction Development Authority	...	...	12.430	13.089	13.752
Bhutan Health Trust Fund	...	...	6.415	6.941	10.134
National Center for Hydrology and Meteorology	...	...	...	78.711	89.100
Bhutan Medical & Health Council	...	...	...	6.586	8.186
Dzongkhag Administration	6,342.087	6,147.512	7,542.579	7,749.157	7,902.124
Gewog Administration	252.424	263.188	236.777	416.144	465.229
Total Expenditure	21,032.048	22,880.592	24,129.584	27,494.712	27,768.662

Source : Annual Financial Statement, Department of Public Accounts, Ministry of Finance, Thimphu.

Table 13.2: Actual Annual Capital Expenditure of the Government by Agency for the FY 2014/15 - 2018/19

(In Million Nu.)

Agency	2014/15	2015/16	2016/17	2017/18	2018/19
Ministry	10,591.096	14,440.963	15,871.804	19,180.351	10,624.289
Ministry of Home & Cultural Affairs	658.583	1,028.667	1,330.663	1,306.250	826.771
Ministry of Finance	1,954.083	3,022.270	2,687.375	4,153.680	1,164.748
Ministry of Foreign Affairs	26.296	46.129	113.611	110.470	47.913
Ministry of Agriculture & Forests	997.912	1,493.486	1,575.417	1,430.250	1,146.353
Ministry of Economic Affairs	484.284	751.852	1,245.443	945.390	358.270
Ministry of Works & Human Settlement	3,775.760	5,046.126	5,409.501	7,247.651	4,550.101
Ministry of Information & Communications	699.476	653.451	754.095	873.400	473.999
Ministry of Health	683.024	795.977	821.582	1,137.380	939.785
Ministry of Education	1,014.719	1,137.330	1,432.231	1,251.430	756.368
Ministry of Labour & Human Resources	296.959	465.675	501.886	724.450	359.981
Thromdes	34.771	75.768	145.952	130.660	785.022
Judiciary	173.231	104.509	201.185	152.830	83.641
Constitutional Bodies	272.897	321.803	427.406	430.020	265.810
Royal Civil Service Commission	118.526	145.521	252.399	227.150	111.084
Anti-Corruption Commission	40.185	36.428	58.107	27.920	44.229
Election Commission of Bhutan	89.055	81.301	15.663	24.670	34.548
Royal Audit Authority	25.131	58.553	101.237	150.280	75.949
Autonomous Bodies	954.559	1,402.658	1,920.082	2,100.000	1,671.533
His Majesty's Secretariat	2.162	0.975	1.173	0.710	7.789
His Majesty's Secretariat (4th King)	...	0.050	0.100	0.050	0.176
National Assembly of Bhutan	21.525	9.373	6.143	2.150	45.433
National Council of Bhutan	14.324	5.377	10.677	3.660	25.877

cont...

Table 13.2 *cont...*

Agency	2014/15	2015/16	2016/17	2017/18	2018/19
Council for Religious Affairs	156.006	212.897	250.015	241.330	109.216
Cabinet Secretariat	22.552	51.585	39.374	23.580	15.607
Office of the Attorney General	29.751	4.065	3.864	7.670	3.458
Bhutan Olympic Committee	11.004	59.327	131.726	147.320	114.192
Dzongkha Development Commission	3.299	3.793	4.872	9.640	7.574
National Land Commission	137.351	81.617	47.515	97.500	104.057
Centre for Bhutan Studies and GNH Research	1.270	11.204	37.310	133.830	181.425
Gross National Happiness Commission	73.274	84.197	79.888	119.880	91.106
National Environment Commission	60.436	115.908	80.798	55.190	48.270
Royal Institute of Management	51.171	40.187	31.834	28.020	19.684
Royal University of Bhutan	112.525	229.494	487.818	546.660	193.039
National Statistics Bureau	19.151	5.470	3.328	6.400	18.136
Bhutan Narcotic Control Agency	2.433	4.589	9.048	6.300	6.026
Bhutan Information Communication Media Authority	2.671	153.956	114.074	19.600	176.313
Drug Regulatory Authority	3.937	3.569	4.628	6.020	3.211
Tourism Council of Bhutan	82.216	59.893	54.868	46.350	22.235
National Commission for Women & Children	26.030	14.552	26.808	43.280	56.217
Royal Education Council	1.849	39.434	34.772	54.160	26.636
Bhutan Council for School Examination & Assessment	10.632	12.865	13.739	12.340	4.116
Royal Privy Council	1.219	2.701	0.426	1.310	3.999
Bhutan Standard Bureau	7.397	3.455	4.926	3.450	4.882

cont...

Table 13.2 cont...

Agency	2014/15	2015/16	2016/17	2017/18	2018/19
Khesar Gyalpo University of Medical Sciences of Bhutan	16.310	58.548	43.468	31.890	39.573
Jigme Singye Wangchuk School of Law	6.118	14.581	293.525	203.520	87.356
Bhutan National Legal Institute	6.727	8.376	10.204	6.870	5.246
Civil Society Organizations Authority	0.090	1.525	1.359	4.100	1.314
Jigme Dorji Wangchuk National Referral Hospital	71.129	109.095	83.060	142.220	173.775
Construction Development Authority	...	...	8.425	6.190	2.612
Bhutan Health Trust Fund	...	...	0.317	0.870	...
National Center for Hydrology and Meteorology	...	...	...	86.360	70.405
Bhutan Medical & Health Council	...	...	...	1.580	2.578
Dzongkhag Administration	2,391.211	3,479.466	4,805.328	4,683.986	1,853.334
Gewog Administration	1,026.036	1,982.691	2,465.268	2,158.800	1,001.842
Total Expenditure	15,443.801	21,807.858	25,837.025	28,836.647	16,285.471

Source : Annual Financial Statement, Department of Public Accounts, Ministry of Finance, Thimphu.

Table 13.3: The Sector-wise Government Expenditures for the FY 2014/15 - 2018/19

(In Million Nu.)

Sectors	2014/15		2015/16		2016/17		2017/18		2018/19	
	Current	Capital	Current	Capital	Current	Capital	Current	Capital	Current	Capital
Social Services	7,729.926	3,029.017	9,238.171	3,853.878	9,241.227	5,846.502	9,901.174	5,815.487	11,109.532	3,243.877
Health	2,473.893	983.760	2,732.031	1,371.164	2,837.284	1,521.735	3,170.304	1,693.833	3,477.292	1,378.828
Education	5,256.033	2,045.257	6,506.140	2,482.714	6,403.943	4,324.767	6,730.870	4,121.654	7,632.240	1,865.049
Economic Services	3,388.883	7,027.985	3,984.276	10,943.615	3,680.943	11,377.887	3,762.329	12,354.236	3,816.778	6,712.038
RNR Services	2,160.221	1,983.035	2,279.893	3,748.088	2,436.568	4,327.98	2,486.707	3,718.75	2,432.000	2,161.225
Mining, Manufg. & Industries Services	192.791	108.490	217.067	129.509	91.267	51.566	93.010	92.140	173.405	218.838
Transport & Communication Services	613.632	4,154.617	1,027.770	5,682.554	771.161	5,517.83	789.703	7,107.28	899.638	3,867.983
Energy Services	89.219	361.354	89.782	575.052	98.506	806.992	113.680	229.175	125.347	163.937
Other Economic Services	333.020	420.489	369.764	808.412	283.441	673.522	279.229	1,206.894	186.387	300.055
Housing & Public Amenities Services	404.822	725.864	502.943	1,707.065	444.752	1,664.923	456.456	2,115.226	481.634	2,454.451
General Public Services	7,114.433	3,134.840	6,559.296	3,266.782	8,054.467	4,419.977	12,104.565	6,586.424	9,442.771	2,514.323
General Public Service	3,774.839	1,545.924	4,450.213	3,266.782	6,055.752	4,419.977	10,258.627	6,586.424	680.004	70.392
Public Debt Services	3,339.594	1,588.916	2,109.083	...	1,998.715	...	1,845.938	...	8,762.767	2,443.931
Religion & Cultural Services	752.489	1,105.009	790.320	1,513.764	819.255	1,758.808	853.961	1,670.210	907.121	994.333
Public Order & Safety Services	1,641.491	421.091	1,805.586	522.752	1,888.943	768.926	416.225	295.063	2,010.827	366.448
Total Expenditure	21,032.044	15,443.806	22,880.592	21,807.856	24,129.587	25,837.023	27,494.710	28,836.646	27,768.663	16,285.470

Source: Annual Financial Statement (AFS), Department of Public Accounts, Ministry of Finance, Thimphu

Table 13.4: Summary of National Revenue Collections by Source for the FY 2014/15 - 2018/19

(In Million Nu.)

Source of Revenue	2014/15	2015/16	2016/17	2017/18	2018/19
(1) Tax Revenue (I+II)	18,387.335	19,884.627	21,564.467	27,107.896	27,171.146
(I) Direct Tax	11,626.968	12,200.094	12,345.794	15,880.975	16,712.790
Corporate Income Tax	6,488.775	7,459.579	8,170.299	9,033.275	9,117.405
Business Income Tax	1,585.022	1,175.298	1,276.903	1,496.719	1,422.493
Personal Income Tax	1,536.156	1,770.362	957.313	1,341.866	1,549.011
Other Direct Tax Revenue	452.976	256.026	39.342	34.675	33.454
Royalties	1,564.039	1,538.829	1,901.937	3,974.440	4,590.427
(II) Indirect Tax	6,760.368	7,684.533	9,218.673	11,226.921	10,458.356
Sales Tax	3,060.067	3,576.482	3,800.122	4,283.034	4,739.184
Excise Duty	2,686.847	2,483.068	3,579.663	4,834.083	3,405.802
Import Duty	447.401	597.392	562.563	773.186	678.108
Other Indirect Tax	20.182	20.469	366.673	398.055	609.747
Green Tax	545.870	1,007.121	909.652	938.563	1,025.515
(2) Non Tax Revenue	6,753.695	8,149.186	8,149.134	9,763.476	7,536.524
Fees, Dividends, Profits	6,753.695	8,149.186	8,149.134	9,763.476	7,536.524
Administrative Fees & Charges	350.521	714.227	744.817	730.585	815.807
Revenue from Govt. Departments	454.169	498.478	281.577	2,639.698	1,624.150
Dividends	3,692.133	3,785.694	4,041.255	4,060.196	3,405.356
Other Non-Tax Revenue	115.374	86.706	99.244	44.177	49.880
Interest on Loan from Corporation	2,031.435	2,154.954	1,894.664	1,845.938	1,242.465
Transfer of Profits	0.00	788.678	874.067	418.243	373.950
Capital Revenue	110.062	120.450	213.510	24.639	24.916
Total Revenue (1+2)	25,141.030	28,033.813	29,713.601	36,871.372	34,707.670

Source: Annual Financial Statement (AFS), Department of Public Accounts, Ministry of Finance, Thimphu

Table 13.5: Fiscal Framework of Government, 2014/15 - 2018/19

(In Million Nu.)

Item	2014/15	2015/16	2016/17	2017/18	2018/19
Revenue & Grants	36,231.052	42,039.298	42,673.126	52,113.168	42,033.296
Domestic Revenue	25,141.030	28,033.812	29,713.600	36,871.372	34,707.670
Tax	18,387.335	19,884.626	21,706.997	27,107.897	27,171.147
Non-Tax	6,753.695	8,149.186	8,006.603	9,763.475	7,536.523
Other Receipts	1,135.001	(884.124)	(27.226)	394.726	(3,190.855)
Grants	9,955.021	14,889.610	12,986.752	14,847.070	10,516.481
Programme Grants	2,125.000	2,340.015	2,125.000	1,700.000	989.520
GoI	2,125.00	1,275.00	2,125.00	1,700.00	850.00
Others	...	1,065.015	...	...	139.520
Project Tied Grants	7,830.021	12,549.595	0,861.752	3,147.070	9,526.961
GoI	4,468.760	9,446.698	7,757.572	9,500.831	5,634.765
Others	3,361.261	3,102.897	3,104.180	3,646.239	3,892.196
Outlay	34,334.259	43,603.000	48,017.988	52,658.670	...
Total Expenditure	36,475.849	44,688.447	49,966.611	56,331.357	44,054.133
Current	21,032.044	22,880.591	24,129.587	27,494.710	27,768.663
Capital	15,443.805	21,807.856	25,837.024	28,836.647	16,285.470
Net lending*	(2,552.746)	(1,885.332)	(2,003.122)	(2,077.880)	...
Advance/Suspense (Net)	411.156	799.885	54.499	(1,594.807)	722.593
Overall Balance	1,896.795	(1,563.702)	(5,344.862)	(545.502)	(2,743.430)
Financing	(1,896.795)	1,563.702	5,344.862	545.502	2,743.431
Net lending**	...	...	...	...	1,318.468
Net External Borrowings	(1,086.409)	(1,215.482)	524.326	(102.023)	1,101.102
Borrowings	1,685.268	1,818.681	3,227.662	2,718.332	3,432.572
Repayments	2,771.677	3,034.163	2,703.336	2,820.355	2,331.470
Net Internal Borrowings Surplus/Deficit	(810.386)	(2,779.184)	(4,820.536)	(647.525)	323.861
Borrowings	...	...	...	...	334.475
Repayments	...	...	...	...	10.614

Note: * Old format of presentation by MoF wherein Netlending is shown above the line (Overall Balance)

** From FY 2018-19 Netlending is shown below the line (Overall Balance)

Source : Annual Financial Statement (AFS), Department of Public Accounts, Ministry of Finance, Thimphu

Table 13.6: Government Debt Stock & Debt Service, 2014/15 - 2018/19

(In Million Nu.)

Debt	2014/15	2015/16	2016/17	2017/18	2018/19
Total Public Debt	120,783.002	160,562.057	170,256.761	185,312.076	184,174.524
Domestic Debt	2,106.813	4,656.115	10,057.344	8,159.680	5,059.597
RMA/BoBL/BNBL/ DPNBL/TBank	1,931.511	4,589.577	10,000.000	8,112.209	4,661.473
NPPF	106.302	66.538	57.344	47.471	398.124
External Debt	118,676.189	155,905.942	160,199.417	177,152.396	179,114.927
Indian Rupee Debt	81,183.643	115,393.815	119,207.690	133,190.701	131,432.822
Convertible Currency Debt	37,492.546	40,512.127	40,991.727	43,961.695	47,682.105
Total Debt Service	24,118.274	27,504.017	66,192.870	69,021.505	53,766.168
Domestic	15,639.239	21,202.624	54,412.710	63,784.833	49,575.323
External	8,479.035	6,301.393	11,780.160	5,236.672	4,190.845
Interest payment	2,684.110	2,573.601	2,702.004	2,899.033	2,293.445
Domestic	45.084	77.998	161.340	265.099	299.142
RMA/BoBL/BNBL/ DPNBL/TBank	25.801	62.715	156.360	260.798	279.234
NPPF	11.693	11.488	4.980	4.301	19.908
External	2,601.532	2,421.400	2,379.324	2,368.835	1,994.303
Indian Rupee	2,044.180	1,805.267	1,758.433	1,657.711	1,283.179
Convertible Currency	557.352	616.133	620.891	711.124	711.124
Principal repayment	36,996.814	46,060.244	120,282.900	129,907.307	51,472.723
Domestic	15,594.155	21,124.626	54,251.370	63,519.735	49,276.181
RMA/BoBL/BNBL/ DPNBL/TBank	15,418.853	20,940.792	54,242.176	63,509.862	49,265.567
NPPF	106.302	114.834	9.194	9.873	10.614
External	5,877.504	3,879.992	11,780.160	2,867.837	2,196.542
Indian Rupee	4,816.132	2,516.638	9,817.844	1,342.591	671.296
Convertible Currency	1,061.372	1,363.354	1,962.316	1,525.246	1,525.246

Source: Annual Financial Statement (AFS), Department of Public Accounts, Ministry of Finance, Thimphu

Development planning in Bhutan can be tracked back to the year 1961 when the first Five Year Plan (1961/62 to 1965/66) was drawn up. Initially, self-contained development secretariat was established to implement the plan. At the time of preparation of the third plan in 1971, the Planning Commission (now, Gross National Happiness Commission) was established and headed by the His Majesty the King. In the absence of basic economic information and skilled manpower, the formulation of the third plan, like earlier ones was relatively simple. Major developments in regard to the consolidation of the planning process took place in the fourth plan period, when the Dzongkhags were involved in the development process.

The **Tenth Five Year Plan (2008-2013)** began in July 2007 and emphasized poverty reduction as a primary goal. It was the first plan period implemented after Bhutan transitioned to Democratic Constitutional Monarchy. During this plan period Bhutan committed towards number of global compacts, including MDGs and accordingly achieved most of the targets.

The **Eleventh Five Year Plan (2013-2018)** was the second five year plan implemented after the introduction of Democratic Constitutional Monarchy in 2008. A notable paradigm shift of the 11th FYP was the adoption of a Result Based Planning (RBP) framework that articulated clear outcomes and outputs that needed to be achieved in order to realize the eleventh plan objectives of “*Self-reliance and Inclusive Green Socio-Economic Development*”.

The **Twelfth Five Year Plan (2018-2023)** will be Bhutan’s last five year plan as a Least Developed Countries (LDC) as Bhutan will be graduating from the list of LDC by 2023. With the objective of Just, Harmonious and Sustainable Society through enhanced Decentralization, the 12th FYP and its 17 National Key Result Areas (NKRA) are drawn from the timeless vision and wisdom emanating from the Golden Throne. Unlike the past plan periods, the 12th FYP period commences from 1st November, 2018 and will end on 31st October, 2023 in order to align with the Government’s tenure. Implementation will be rigorously monitored through the government performance management system to ensure that results are achieved. Progress will be reviewed during the annual and mid-term reviews to ensure that corrective measures and mid-course corrections are made in a timely manner.

This chapter presents information on planned budget outlay covering three plan periods described above. The information shall be useful for planners and researchers to analyze and take stock of budgetary outlays provisioned among Bhutan’s institutions including Ministries, constitutional bodies, autonomous bodies and local government. The Figure 14.1 shows the 12th Five Year Plan Outlay for the twenty Dzongkhags.

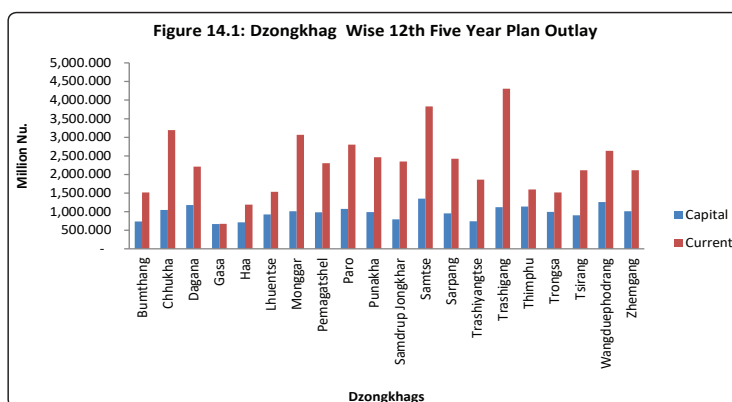


Table 14.1: Tenth Plan Budgetary Outlay and Allocation, 2008 - 2013

(In Million Nu.)

Organization	Recurrent	Capital	Total	Percent
Constitutional Bodies	1,577.878	5,199.107	6,776.983	4.620
Judiciary	611.888	724.512	1,336.400	0.910
Royal Audit Authority	289.018	53.555	342.573	0.230
Election Commission of Bhutan	523.496	79.910	603.406	0.410
Anti Corruption Commission	64.664	125.370	190.034	0.130
Royal Civil Service Commission	88.812	4,215.760	4,304.570	2.940
Autonomous Agencies	5,783.457	6,503.980	12,287.435	8.400
His Majesty's Secretariat	147.217	100.000	247.217	0.170
Secretariat of His Majesty the Fourth King	89.331	50.000	139.331	0.100
National Assembly Secretariat	252.862	42.905	295.767	0.200
Royal Advisory Council (National Council)	149.586	56.993	206.579	0.140
Cabinet Secretariat	141.177	15.584	156.761	0.110
Office of the Attorney General	64.844	56.150	120.994	0.080
GNH Commission	170.079	1,050.000	1,220.080	0.830
National Land Commission	454.808	385.861	840.669	0.570
National Environment Commission	78.018	109.300	187.318	0.130
Dzongkha Development Commission	77.099	30.600	107.699	0.070
Council for Ecclesiastical Affairs	1,864.270	633.553	2,497.820	1.710
National Statistics Bureau	129.202	45.290	174.492	0.120
Royal University of Bhutan	1,532.970	2,427.100	3,960.070	2.710
Royal Institute of Management	129.191	275.050	404.241	0.280
Centre for Bhutan Studies	45.500	50.000	95.500	0.070
Bhutan Narcotic Control Agency	23.004	21.403	44.407	0.030
Bhutan Olympic Committee	158.264	100.000	258.264	0.180
Bhutan Broadcasting Service Corporation	...	406.779	406.779	0.280
National Commission for Women and Children	70.818	64.206	135.024	0.090
Bhutan Information Communication Media Authority	38.322	10.500	48.822	0.030
Drug Regulatory Authority	16.150	...	16.150	0.010
Tourism Council of Bhutan	150.745	572.706	723.451	0.490
Ministries	48,897.653	49,908.691	98,806.320	67.560
Ministry of Agriculture	4,497.090	3,626.510	8,123.600	5.550
Ministry of Education	875.122	9,489.130	10,364.250	7.090

cont...

Table 14.1 cont...

Organization	Recurrent	Capital	Total	Percent
Ministry of Finance	29,632.490	699.921	30,332.410	20.740
Ministry of Foreign Affairs	1,319.630	447.510	1,767.140	1.210
Ministry of Health	4,175.970	4,394.340	8,570.300	5.860
Ministry of Home and Cultural Affairs	4,301.610	3,000.640	7,302.240	4.990
Ministry of Information and Communication	561.990	3,776.470	4,338.460	2.970
Ministry of Labour and Human Resources	742.671	1,446.070	2,188.740	1.500
Ministry of Economic Affairs	1,057.540	5,763.180	6,820.720	4.660
Ministry of Works and Human Settlements	1,733.540	17,264.920	18,998.460	12.990
Others	963.966	...	963.966	0.660
Thimphu Thromde Schools	963.966	...	963.966	0.660
Total for Central Agencies	57,222.954	61,611.760	118,834.700	81.250
Dzongkhags and Gewogs	15,417.520	12,000.000	27,417.520	18.750
Dzongkhags	...	7,200.000	7,200.000	4.920
Gewogs	...	4,800.000	4,800.000	3.280
Total Outlay	72,640.474	73,611.760	146,252.220	100.000

Source: "Tenth Plan Document 2008-2013", GNH Commission, Thimphu.

Table 14.2: Eleventh Plan Budgetary Outlay and Allocation, 2013 - 2018

(In Million Nu.)

Organization	Outlays			% of Total
	Current	Capital	Total	
Constitutional Body	2,613.500	1,567.500	4,181.000	22.438
Judiciary	1,247.990	623.000	1,870.990	10.041
Royal Audit Authority	659.010	216.000	875.010	4.696
Election Commission of Bhutan	220.580	428.000	648.580	3.481
Anti Corruption Commission	237.530	93.500	331.030	1.777
Royal Civil Service Commission	248.390	207.000	455.390	2.444
Autonomous Agency	11,619.160	7,014.650	18,633.810	100.000
His Majesty's Secretariat	182.140	...	182.140	0.977
Secretariat of His Majesty the Fourth King	135.060	...	135.060	0.725
National Assembly Secretariat	535.120	54.000	589.120	3.162
National Council	355.360	330.000	685.360	3.678
Royal Privy Council	83.890	...	83.890	0.450
Cabinet Secretariat	179.610	23.000	202.610	1.087
Office of the Attorney General	124.870	43.900	168.770	0.906
Gross National Happiness Commission	227.950	625.000	852.950	4.577
National Land Commission	1,182.190	500.000	1,682.190	9.028
National Environment Commission	183.940	374.000	557.940	2.994
Dzongkha Development Commision	88.340	63.000	151.340	0.812
Council for Religious Affairs	2,983.260	379.000	3,362.260	18.044
National Statistics Bureau	153.460	92.440	245.900	1.320
Royal University of Bhutan	...	1,086.450	1,086.450	5.831
Royal Education Council	181.430	292.000	473.430	2.541
Bhutan Council for School Examination & Assessment	404.010	50.000	454.010	2.436
Royal Institute of Law & Bhutan National Legal Institute	32.800	589.500	622.300	3.340
University of Medical Sciences of Bhutan	3,233.610	487.300	3,720.910	19.969
Royal Institute of Management	280.940	273.000	553.940	2.973
Centre for Bhutan Studies	97.640	14.500	112.140	0.602
Bhutan Olympic Committee	176.070	395.000	571.070	3.065
Bhutan Broadcasting Service Corporation	...	340.000	340.000	1.825
National Commission for Women and Children	99.170	55.000	154.170	0.827

cont...

Table 14.2 cont...

Organization	Outlays			% of Total
	Current	Capital	Total	
Bhutan Information Communication Media Authority	93.750	118.250	212.000	1.138
Bhutan Standard Bureau	145.770	36.000	181.770	0.975
Drug Regulatory Authority	56.670	33.000	89.670	0.481
Tourism Council of Bhutan	314.170	345.610	659.780	3.541
Royal Institute of Tourism and Hospitality	...	25.500	25.500	0.137
JDWNR Hospital	...	334.200	334.200	1.794
CSO Authority	...	10.000	10.000	0.054
Ministries	70,429.480	55,657.190	126,086.670	676.655
Ministry of Agriculture and Forest	8,786.880	4,856.000	13,642.880	73.216
Ministry of Education	933.750	7,438.740	8,372.490	44.932
Ministry of Finance	38,589.530	2,678.550	41,268.080	221.469
Ministry of Foreign Services	3,287.340	320.000	3,607.340	19.359
Ministry of Health	4,306.820	3,839.410	8,146.230	43.717
Ministry of Home and Cultural Affairs	8,076.180	3,702.000	11,778.180	63.209
Ministry of Information and Communication	1,068.580	3,548.430	4,617.010	24.778
Ministry of Labour and Human Resources	1,271.250	1,383.000	2,654.250	14.244
Ministry of Economic Affairs	1,626.420	6,782.060	8,408.480	45.125
Ministry of Works and Human Settlements	2,482.730	21,109.000	23,591.730	126.607
Others (HRD and Exigencies)	...	2,910.660	2,910.660	15.620
Human Resource Development	...	2,000.000	2,000.000	10.733
Other Capital (Vehicles, misc. exigences etc.)	...	910.660	910.660	4.887
Total for Central Agencies	84,662.140	67,150.000	151,812.140	71.176
Local Governments	36,629.320	24,850.000	61,479.320	329.934
Dzongkhags and Gewogs	33,578.440	20,000.000	53,578.440	287.533
Thromde	...	4,850.000	4,850.000	26.028
Thromde Schools	3,050.880	...	3,050.880	16.373
Total Outlay	121,291.460	92,000.000	213,291.460	1,144.648

Source: Eleventh Five Year Plan Document 2013-2018", GNH Commission, Thimphu.

Table 14.3: Twelfth Five Year Plan Capital Outlay for Central Agencies, 2018 - 2023

(In Million Nu.)

Organization	Outlays			% of Total
	Capital	Current	Total	
Ministries	36,746.590	63,737.700	100,484.290	50.765
Ministry of Agriculture and Forest	3,050.350	10,896.820	13,947.170	7.046
Ministry of Economic Affairs	3,400.000	1,383.030	4,783.030	2.416
Ministry of Education	4,000.000	2,863.420	6,863.420	3.467
Ministry of Foreign Affairs	750.000	3,773.190	4,523.190	2.285
Ministry of Finance	700.000	22,038.880	22,738.880	11.488
Ministry of Health	3,580.000	5,785.780	9,365.780	4.732
Ministry of Home and Cultural Affairs	3,240.000	10,194.270	13,434.270	6.787
Ministry of Information and Communications	3,490.000	1,795.580	5,285.580	2.670
Ministry of Labour and Human Resources	2,800.000	1,352.340	4,152.340	2.098
Ministry of Works and Human Settlement	11,736.240	3,654.410	15,390.650	7.775
Constitutional Bodies	1,610.000	4,056.860	5,666.860	2.863
Election Commission of Bhutan	250.000	708.770	958.770	0.484
Royal Civil Services Commission	200.000	365.170	565.170	0.286
Anti Corruption Commission	210.000	446.390	656.390	0.332
Royal Audit Authority	200.000	993.400	1,193.400	0.603
Royal Court of Justice	750.000	1,543.130	2,293.130	1.158
Autonomous Agencies	9,375.000	20,034.830	29,409.830	14.858
Bhutan National Legal Institute	50.000	79.740	129.740	0.066
Jigme Singye Wangchuck School of Law	1,000.000	265.200	1,265.200	0.639
Royal University of Bhutan	1,200.000	3,766.820	4,966.820	2.509
Royal Institute of Management	200.000	251.530	451.530	0.228
National Environment Commission Secretariat	450.000	179.210	629.210	0.318
National Statistics Bureau	300.000	187.630	487.630	0.246
Bhutan Olympic Committee	405.000	524.580	929.580	0.470
National Assembly Secretariat	50.000	630.550	680.550	0.344
National Council Secretariat	50.000	425.840	475.840	0.240
Cabinet Secretariat	50.000	211.620	261.620	0.132
Dzongkhag Development Commission	75.000	103.560	178.560	0.090
Bhutan Narcotic Control Authority	50.000	144.420	194.420	0.098
Drug Regulatory Authority	50.000	94.720	144.720	0.073
Office of Attorney General	50.000	181.610	231.610	0.117
National Commission for Women and Children	70.000	85.140	155.140	0.078
Bhutan Standards Bureau	50.000	134.890	184.890	0.093

cont...

Table 14.3 cont...

Organization	Outlays			% of Total
	Capital	Current	Total	
Bhutan InfoComm and Media Authority	75.000	89.850	164.850	0.083
Dratshang Lhentshog	750.000	3,423.030	4,173.030	2.108
Bhutan Council for School Examinations and Assessment	160.000	656.000	816.000	0.412
Royal Education Council	300.000	180.030	480.030	0.243
National Land Commission Secretariat	300.000	861.440	1,161.440	0.587
Gross National Happiness Commission Secretariat	100.000	202.360	302.360	0.153
Khesar Gyalpo University of Medical Science of Bhutan	445.000	593.590	1,038.590	0.525
JDWNR Hospital	900.000	5,601.780	6,501.780	3.285
National Centre for Hydrology and Meteorology	300.000	473.770	773.770	0.391
Construction Development Board	55.000	78.110	133.110	0.067
Bhutan Medical Health Council	15.000	48.790	63.790	0.032
Royal Bhutan Police*	1,500.000	...	1,500.000	0.758
Centre for Bhutan Studies and GNH Research	200.000	193.390	393.390	0.199
Agency for Promotion of Indigenous Crafts**	170.000	...	170.000	0.086
Civil Society Organisation Authority	5.000	17.190	22.190	0.011
Tourism Council Of Bhutan***	...	348.430	348.430	0.176
Others	6,470.000	55,910.670	62,380.670	31.515
Human Resource Development	1,200.000	...	1,200.000	0.606
Common Public Expenditure	2,000.000	4,364.580	6,364.580	3.215
Provision for Office Constructions	2,270.000	...	2,270.000	1.147
Royal Privy Council	...	88.950	88.950	0.045
General Provisions	...	24,066.590	24,066.590	12.158
Subsidies, Transfers and Equities	...	13,709.610	13,709.610	6.926
Debt Servicing	...	13,645.560	13,645.560	6.894
Bhutan Health Trust Fund	...	35.390	35.390	0.018
Bhutan Economic Stabilisation Fund	1,000.000	...	1,000.000	0.505
Total Outlay	54,201.590	143,740.070	197,941.660	100.000

Note: *RBP current budget included under MoHCA.

**APIC Current budget included under DCSI, MoEA.

***TCB Capital budget included under Tourism flagship.

****Excluding flagship programme outlay. Over capital budgeting of Nu 3201.59 million for central agencies.

Source: Twelfth Five Year Plan Document 2018 -2023 Vol I, GNH Commission, Thimphu.

Table 14.4: Dzongkhag Wise Tenth Five Year Plan Outlay, 2008 - 2013

(In Million Nu.)

Dzongkhags	Current	Capital	Total
Bumthang	...	138.958	138.958
Chhukha	792.664	483.130	1,275.794
Dagana	294.206	273.600	567.806
Gasa	...	58.928	58.928
Haa	...	123.616	123.616
Lhuentse	226.899	292.607	519.506
Monggar	486.944	529.029	1,015.973
Paro	...	259.057	259.057
Pemagatshel	474.511	278.880	753.391
Punakha	277.347	244.640	521.987
Samdrup Jongkhar	...	358.012	358.012
Samtse	...	715.232	715.232
Sarpang	369.315	316.730	686.045
Thimphu	...	177.760	177.760
Trashigang	135.463	225.396	360.859
Trongsa	314.260	686.560	1,000.820
Tsirang	205.820	126.686	332.506
Tsirang	...	200.330	200.330
Wangdue Phodrang	426.894	233.250	660.144
Zhemgang	375.388	247.271	622.659
Total	4,379.711	5,969.672	10,349.383

Note: Capital budget does not include the gewogs capital budget

Source: "Tenth Plan Document 2008-2013, Vol II", GNH Commision, Thimphu.

Table 14.5: Dzongkhag Wise Eleventh Five Year Plan Outlay, 2013 - 2018

(In Million Nu.)

Dzongkhag	Capital
Bumthang	396.012
Chhukha	560.156
Dagana	468.827
Gasa	379.887
Haa	349.296
Lhuentse	465.037
Monggar	544.536
Pemagatshel	373.145
Paro	477.595
Punakha	437.412
Samdrup Jongkhar	442.260
Samtse	639.440
Sarpang	445.421
Trashiyangtse	421.870
Trashigang	602.338
Thimphu	350.122
Trongsa	368.462
Tsirang	358.437
Wangduephodrang	518.395
Zhemgang	401.352
Total	9,000.00

Source: "Eleventh Five Year Plan Vol. I 2013-2018", Gross National Happiness Commission

Table 14.6: Dzongkhag Wise Twelfth Five Year Plan Outlay, 2018 - 2023

(In Million Nu.)

Dzongkhag	Capital	Current	Total
Bumthang	736.380	1,515.190	2,251.570
Chhukha	1,042.880	3,195.360	4,238.240
Dagana	1,179.850	2,213.450	3,393.300
Gasa	665.370	670.200	1,335.560
Haa	714.830	1,188.250	1,903.080
Lhuentse	922.420	1,533.450	2,455.870
Monggar	1,011.720	3,068.120	4,079.830
Pemagatshel	984.470	2,305.410	3,289.880
Paro	1,075.400	2,800.040	3,875.440
Punakha	986.030	2,464.850	3,450.870
Samdrup Jongkhar	795.180	2,351.400	3,146.580
Samtse	1,348.850	3,831.280	5,180.130
Sarpang	951.530	2,424.760	3,376.290
Trashiyangtse	740.470	1,858.660	2,599.130
Trashigang	1,122.430	4,309.910	5,432.330
Thimphu	1,139.440	1,596.500	2,735.940
Trongsa	995.150	1,515.250	2,510.400
Tsirang	901.510	2,113.370	3,014.880
Wangduephodrang	1,257.210	2,636.810	3,894.020
Zhemgang	1,009.590	2,115.970	3,125.560
Others	...	...	438.300
Total	19,580.710	45,708.230	65,727.200

Source: "Twelfth Five Year Plan Vol. I 2018-2023", Gross National Happiness Commission

Table 14.7: Thromde Wise Twelfth Five Year Plan Outlay, 2018 - 2023

(In Million Nu.)

Thromde	Current	Capital	Total
Thimphu	2,919.630	4,666.450	7,586.080
Phuentsholing	623.020	2,370.400	2,993.420
Samdrup Jongkhar	438.430	1,575.910	2,014.340
Gelephu	570.620	1,513.240	2,083.860
Total	4,551.700	10,126.000	14,677.700

Source: "Twelfth Five Year Plan Vol. I 2018-2023", Gross National Happiness Commission

Table 14.8: Indicative Capital Budget Allocation to Gewogs, Twelfth Five Year Plan, 2018 - 2023

(In Million Nu.)

Dzongkhag	Gewog	RAF	CMI	Total
Bumthang	Chhoeckhor	87.367	19.800	107.167
	Chhumig	52.799	19.800	72.599
	Tang	49.646	19.800	69.446
	Ura	37.436	19.800	57.236
	Total	227.248	79.200	306.448
Chhukha	Bjagchhog	53.624	19.800	73.424
	Bongo	99.806	61.800	161.606
	Chapchha	47.394	19.800	67.194
	Darla	162.578	19.800	182.378
	Doongna	42.861	19.800	62.661
	Geling	49.787	39.810	89.597
	Getana	41.834	398.146	439.980
	Loggchina	66.428	124.200	190.628
	Maedtabkha	26.364	19.800	46.164
	Phuentshogling	119.218	19.800	139.018
	Samphelling	86.950	19.800	106.750
	Total	796.844	762.556	1,559.400
Dagana	Dorona	40.760	82.800	123.560
	Drukjeygang	74.255	19.800	94.055
	Gesarling	36.306	19.800	56.106
	Gozhi	53.833	19.800	73.633
	Karmaling	36.514	40.800	77.314
	Karna	69.114	19.800	88.914
	Khebisa	66.656	74.320	140.976
	Largyab	32.432	82.005	114.437
	Lhamoi Dzing-kha	56.692	19.800	76.492
	Nichula	41.214	40.800	82.014
	Tashiding	59.639	40.800	100.439
	Tsangkha	45.350	19.800	65.150
	Tsenda-Gang	54.168	40.800	94.968
	Tseza	39.127	21.000	60.127
	Total	706.060	542.125	1,248.185

cont...

Table 14.8 cont...

Dzongkhag	Gewog	RAF	CMI	Total
Gasa	Khamaed	21.024	19.800	40.824
	Khatoed	17.544	19.800	37.344
	Laya	68.443	92.300	160.743
	Lunana	56.962	21.000	77.962
	Total	163.973	152.900	316.873
Haa	Bji	42.978	19.800	62.778
	Gakiling	52.147	61.800	113.947
	Kar-tshog	36.276	19.800	56.076
	Samar	34.434	19.800	54.234
	Sangbay	53.335	40.800	94.135
	Uesu	32.119	19.800	51.919
	Total	251.289	181.800	433.089
Lhuentse	Gangzur	74.707	19.800	94.507
	Jarey	43.150	19.800	62.950
	Khoma	62.382	19.800	82.182
	Kurtoed	31.853	19.800	51.653
	Maedtsho	39.909	19.800	59.709
	Maenbi	60.361	21.000	81.361
	Minjey	43.656	19.800	63.456
	Tsaenkhar	71.932	19.800	91.732
	Total	427.950	159.600	587.550
Monggar	Balam	32.873	19.800	52.673
	Chagsakhar	48.578	19.800	68.378
	Chhaling	60.380	19.800	80.180
	Dramedtse	67.365	19.800	87.165
	Drepoong	45.449	19.800	65.249
	Gongdue	58.573	108.660	167.233
	Jurmed	59.742	19.800	79.542
	Kengkhar	61.295	19.800	81.095
	Monggar	94.250	19.800	114.050
	Narang	49.312	73.450	122.762
	Ngatshang	46.623	19.800	66.423
	Saling	59.974	19.800	79.774

cont...

Table 14.8 cont...

Dzongkhag	Gewog	RAF	CMI	Total
Monggar	Shermuhoong	67.376	19.800	87.176
	Silambi	53.783	208.300	262.083
	Thang-rong	56.046	19.800	75.846
	Tsakaling	59.798	19.800	79.598
	Tsamang	44.812	19.800	64.612
	Total	966.229	667.610	1,633.839
Paro	Dokar	50.417	19.800	70.217
	Dopshar-ri	48.462	19.800	68.262
	Doteng	28.132	19.800	47.932
	Hoongrel	11.918	19.800	31.718
	Lamgong	69.057	19.800	88.857
	Loong-nyi	50.620	19.800	70.420
	Nagya	76.475	19.800	96.275
	Sharpa	77.342	19.800	97.142
	Tsento	74.857	19.800	94.657
	Wangchang	67.317	19.800	87.117
	Total	554.597	198.000	752.597
Pema Gatshel	Chhimoong	38.994	158.420	197.414
	Chhoekhorling	33.635	70.670	104.305
	Chongshing	43.358	19.800	63.158
	Dechhenling	80.603	19.800	100.403
	Dungmaed	46.918	40.800	87.718
	Khar	46.924	19.800	66.724
	Nanong	60.852	19.800	80.652
	Norboogang	64.147	19.800	83.947
	Shumar	67.569	21.000	88.569
	Yurung	41.436	121.300	162.736
	Zobel	51.331	19.800	71.131
	Total	575.767	530.990	1,106.757
Punakha	Barp	67.086	19.800	86.886
	Chhubu	53.432	40.800	94.232
	Dzomi	44.552	19.800	64.352
	Goenshari	35.998	19.800	55.798

cont...

Table 14.8 cont...

Dzongkhag	Gewog	RAF	CMI	Total
Punakha	Guma	70.078	21.000	91.078
	Kabisa	50.571	19.800	70.371
	Lingmukha	29.343	19.800	49.143
	Shelnga-Bjemi	40.641	19.800	60.441
	Talog	39.295	19.800	59.095
	Toedpaisa	50.821	19.800	70.621
	Toedwang	36.819	19.800	56.619
	Total	518.636	240.000	758.636
Samdrup Jongkhar	Dewathang	55.229	19.800	75.029
	Gomdar	88.027	19.800	107.827
	Langchenphu	34.528	19.800	54.328
	Lauri	110.134	188.070	298.204
	Martshala	72.658	61.800	134.458
	Orong	67.598	40.800	108.398
	Pemathang	42.155	19.800	61.955
	Phuent-shogthang	72.484	19.800	92.284
	Samrang	19.059	19.800	38.859
	Serthig	62.582	19.800	82.382
	Wangphu	72.975	40.800	113.775
	Total	697.429	470.070	1,167.499
Samtse	Denchukha	79.287	179.300	258.587
	Dophuchen	117.777	19.800	137.577
	Dungtoed	48.118	165.380	213.498
	Namgyalchhoeling	94.473	19.800	114.273
	Norbugang	79.687	19.800	99.487
	Norgaygang	131.631	40.800	172.431
	Pemaling	83.294	19.800	103.094
	Phuntshopelri	112.821	106.800	219.621
	Samtse	97.939	21.000	118.939
	Sangacholing	81.708	19.800	101.508
	Tading	139.644	19.800	159.444

cont...

Table 14.8 cont...

Dzongkhag	Gewog	RAF	CMI	Total
Samtse	Tashichoeling	75.482	19.800	95.282
	Tendruk	117.468	19.800	137.268
	Ugyentse	36.969	19.800	56.769
	Yoeseltse	81.127	19.800	100.927
	Total	1,377.425	711.280	2,088.705
Sarpang	Chudzom	81.997	296.000	377.997
	Chuzanggang	60.043	19.800	79.843
	Dekiling	93.504	19.800	113.304
	Gakiling	77.538	40.800	118.338
	Gelegphu	73.768	19.800	93.568
	Jigme Chhoeling	100.956	40.800	141.756
	Samtenling	54.597	19.800	74.397
	Senggey	43.874	40.800	84.674
	Serzhong	40.926	19.800	60.726
	Shompangkha	29.623	19.800	49.423
	Tareythang	18.173	19.800	37.973
	Umling	39.058	19.800	58.858
	Total	714.057	576.800	1,290.857
Thimphu	Chang	69.912	19.800	89.712
	Darkarla	36.276	19.800	56.076
	Ge-nyen	24.982	19.800	44.782
	Kawang	80.579	19.800	100.379
	Lingzhi	26.543	22.200	48.743
	Maedwang	80.034	19.800	99.834
	Naro	18.270	88.530	106.800
	Soe	16.567	22.200	38.767
	Total	353.163	231.930	585.093
Trashig Yangtse	Bumdeling	85.546	19.800	105.346
	Jamkhar	35.990	19.800	55.790
	Khamdang	91.250	19.800	111.050
	Ramjar	47.282	19.800	67.082
	Toedtsho	63.419	19.800	83.219
	Tongmajangsa	47.792	19.800	67.592

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Table 14.8 cont...

Dzongkhag	Gewog	RAF	CMI	Total
Trashig Yangtse	Yalang	66.069	19.800	85.869
	Yangtse	68.082	21.000	89.082
	Total	505.430	159.600	665.030
Trashigang	Bartsham	49.308	19.800	69.108
	Bidung	41.186	19.800	60.986
	Kanglung	88.858	19.800	108.658
	Kangpar	67.893	19.800	87.693
	Khaling	65.508	19.800	85.308
	Lumang	97.278	19.800	117.078
	Merag	66.064	168.900	234.964
	Phongmed	67.671	19.800	87.471
	Radhi	67.153	19.800	86.953
	Sagteng	116.097	129.170	245.267
	Samkhar	68.885	19.800	88.685
	Shongphu	61.634	19.800	81.434
	Thrimshing	53.365	19.800	73.165
	Udzorong	69.485	19.800	89.285
	Yangnyer	65.182	19.800	84.982
	Total	1,045.567	555.470	1,601.037
Trongsa	Draagteng	76.941	19.800	96.741
	Korphu	35.850	19.800	55.650
	Langthil	81.486	19.800	101.286
	Nubi	79.635	21.000	100.635
	Tangsibji	43.714	19.800	63.514
	Total	317.626	100.200	417.826
Tsirang	Barshong	43.566	61.800	105.366
	Dunglagang	49.059	19.800	68.859
	Gosarling	45.793	19.800	65.593
	Kilkhorthang	57.603	42.000	99.603
	Mendrelgang	43.408	51.700	95.108
	Patshaling	39.492	19.800	59.292
	Pungtenchhu	45.543	19.800	65.343
	Rangthangling	51.218	40.800	92.018
	Semjong	38.967	19.800	58.767

cont...

Table 14.8 cont...

Dzongkhag	Gewog	RAF	CMI	Total
Tsirang	Sergithang	48.336	19.800	68.136
	Tsholingkhar	53.588	19.800	73.388
	Tsirang Toed	48.700	61.800	110.500
	Total	565.273	396.700	961.973
Wangdue Phodrang	Athang	45.243	40.800	86.043
	Bjenag	50.719	19.800	70.519
	Dangchhu	39.593	19.800	59.393
	Darkar	61.108	19.800	80.908
	Gangteng	47.722	19.800	67.522
	Gase Tshogongm	59.206	19.800	79.006
	Gase Tshowogm	21.596	19.800	41.396
	Kazhi	48.407	19.800	68.207
	Nahi	29.527	19.800	49.327
	Nyishog	50.257	19.800	70.057
	Phangyuel	31.007	19.800	50.807
	Phobji	47.326	21.000	68.326
	Ruebisa	46.808	19.800	66.608
	Saephu	43.747	19.800	63.547
	Theedtsho	85.195	19.800	104.995
	Total	707.461	319.200	1,026.661
Zhemgang	Bardo	82.830	229.830	312.660
	Bjoka	52.982	156.170	209.152
	Goshing	63.460	19.800	83.260
	Nangkor	73.393	40.800	114.193
	Ngangla	68.077	19.800	87.877
	Phangkhar	54.615	42.000	96.615
	Shingkhar	64.299	74.324	138.623
	Trong	68.323	19.800	88.123
	Total	527.979	602.524	1,130.503
Others		...	216.450	216.450
	Total	...	216.450	216.450
Grand Total		12,000.003	7,855.005	19,855.008

Source: "Twelfth Five Year Plan Vol. I 2018-2023", Gross National Happiness Commission

The System of National Accounts (SNA) is a systematic framework of accounts that measures the level of economic development and the rate of economic growth over time. It gives a macroeconomic depiction of how the economy as a whole functions and its relationship with the rest of the world. This is measured conventionally through Gross Domestic Product (GDP).

GDP represents the end result of all economic activities that take place in the economy. It is the sum total of value of all goods and services produced within the economic boundary of the country, which are available for final uses such as consumption, investment and exports.

GDP is measured both in current and constant prices. The base year for GDP estimation in Bhutan is the year 2000. The current price estimate reflects the monetary value of all goods and services produced in the economy at prices prevailing in the year of reporting, while the constant price estimate reflects the monetary value of all goods and services at the base year prices. The estimation and compilation methodology is as per the United Nations System of National Accounting. GDP in Bhutan is estimated using production and expenditure approach.

The objective of the National Accounts Report is to provide timely, comprehensive and reliable description of the condition and performance of the economy. This is done through measurement of GDP, Gross National Income (GNI), and Final Consumption Expenditure (FCE), Gross Capital Formation (GCF), Saving and Net Exports. These information serve as useful and critical information to politicians, policy makers, planners, academicians, researchers and other users in the overall socio-economic planning and policy formulation, monitoring, analysis, and evaluation of the performance of the economy. Figure 15.1 presents the trend of GDP growth in Bhutan from 2015 to 2019.

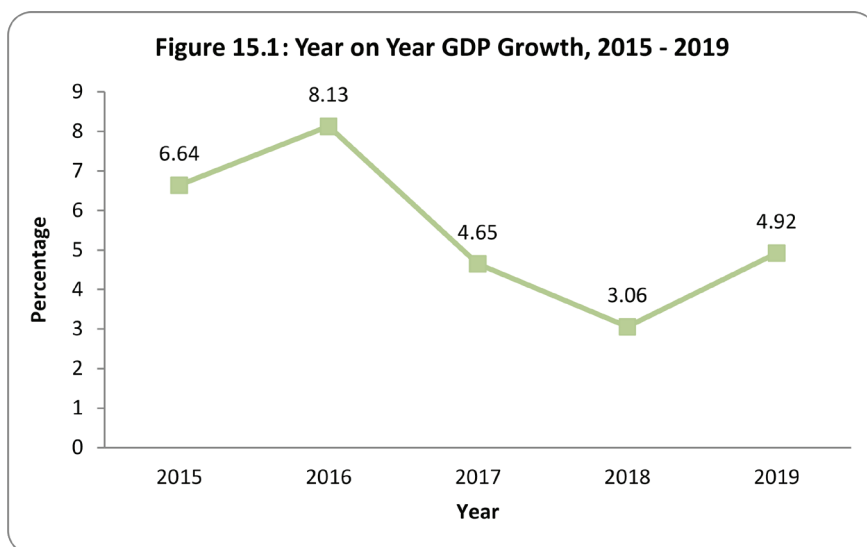


Table 15.1: GDP by Economic Activity at Current Prices, 2015 - 2019

(In Million Nu.)

Sectors	2015	2016	2017	2018	2019
1. Agriculture, Livestock & Forestry	18,556.38	20,882.68	23,989.40	26,759.75	28,184.45
1.1 Crops	9,914.62	11,101.64	12,922.58	14,427.86	15,918.43
1.2 Livestock	5,210.04	5,789.16	7,050.34	7,463.70	8,113.62
1.3 Forestry & Logging	3,431.72	3,991.88	4,016.48	4,868.18	4,152.40
2. Mining & Quarrying	4,484.27	6,455.09	6,954.64	8,137.83	8,576.85
3. Manufacturing	10,543.50	11,085.11	11,979.55	12,435.87	12,687.89
4. Electricity & Water Supply	18,933.11	19,909.45	21,766.87	19,602.81	22,657.29
4.1 Electricity	18,901.12	19,874.26	21,728.17	19,560.24	22,611.16
4.2 Water Supply	31.99	35.19	38.7	42.57505545	46.12
5. Construction	20,649.74	24,280.51	26,068.46	23,753.15	20,465.42
6. Wholesale & Retail Trade	10,233.35	11,798.32	13,460.01	15,042.09	17,378.48
7. Hotels & Restaurants	2,485.70	2,863.56	3,476.78	4,039.76	4,658.17
8. Transport, Storage & Communications	11,892.66	13,157.69	15,119.47	16,720.11	19,070.71
9. Financing, Insurance, Real Estates & Business Services	9,746.42	10,892.39	11,667.34	12,988.13	13,488.59
9.1 Finance & Insurance	6,905.29	7,574.04	7,945.71	9,018.51	9,203.76
9.2 Real Estate & Dwellings	2,738.74	3,176.94	3,408.28	3,593.13	3,832.97
9.3 Business Services	102.39	141.41	313.35	376.4865779	451.87
10. Public Administration	10,051.00	11,209.69	11,630.59	11,761.29	13,114.91
11. Education & Health	4,725.47	5,142.90	4,717.21	5,580.29	8,844.34
12. Private Social & Recreational Services	503.70	532.45	654.69	679.2102317	704.65
13. Taxes Net of Subsidies	5,729.34	6,863.02	8,086.67	9,839.68	8,370.13
GDP	128,534.63	145,072.86	159,571.70	167,339.97	178,201.89

Source: National Accounts Statistics 2020, NSB

Table 15.2: Percentage Share of GDP by Economic Activity at Current Prices, 2015 - 2019

Sectors	2015	2016	2017	2018	2019
1. Agriculture, Livestock & Forestry	14.44	14.39	15.03	15.99	15.82
1.1 Crops	7.71	7.65	8.10	8.62	8.93
1.2 Livestock	4.05	3.99	4.42	4.46	4.55
1.3 Forestry & Logging	2.67	2.75	2.52	2.91	2.33
2. Mining & Quarrying	3.49	4.45	4.36	4.86	4.81
3. Manufacturing	8.20	7.64	7.51	7.43	7.12
4. Electricity & Water Supply	14.73	13.72	13.64	11.71	12.71
4.1 Electricity	14.71	13.70	13.62	11.69	12.69
4.2 Water Supply	0.02	0.02	0.02	0.03	0.03
5. Construction	16.07	16.74	16.34	14.19	11.48
6. Wholesale & Retail Trade	7.96	8.13	8.44	8.99	9.75
7. Hotels & Restaurants	1.93	1.97	2.18	2.41	2.61
8. Transport, Storage & Communications	9.25	9.07	9.48	9.99	10.70
9. Financing, Insurance, Real Estates & Business Services	7.58	7.51	7.31	7.76	7.57
9.1 Finance & Insurance	5.37	5.22	4.98	5.39	5.16
9.2 Real Estate & Dwellings	2.13	2.19	2.14	2.15	2.15
9.3 Business Services	0.08	0.10	0.20	0.22	0.25
10. Community, Social & Personal Services	7.82	7.73	7.29	0.00	0.00
10. Public Administration	7.82	7.73	7.29	7.03	7.36
11. Education & Health	3.68	3.55	2.96	3.33	4.96
12. Private Social & Recreational Services	0.39	0.37	0.41	0.41	0.40
13. Taxes Net of Subsidies	4.46	4.73	5.07	5.88	4.70
Overall GDP	100.00	100.00	100.00	100.00	100.00

Source: National Accounts Statistics 2020, NSB

Table 15.3: Sectoral Growth Rates of GDP in Constant Prices, 2015 - 2019

(In Million Nu.)

Sectors	2015	2016	2017	2018	2019
1. Agriculture, Livestock & Forestry	4.66	4.22	2.95	4.25	1.30
1.1 Crops	0.92	0.94	0.95	4.95	2.12
1.2 Livestock	2.87	6.39	4.41	6.92	2.73
1.3 Forestry & Logging	3.51	(5.4)	(5.63)	(1.55)	(3.07)
2. Mining & Quarrying	13.38	11.47	7.01	37.56	33.10
3. Manufacturing	4.41	2.42	6.46	2.61	(0.01)
4. Electricity & Water Supply	7.43	2.73	(3.81)	(14.89)	12.12
4.1. Electricity	7.44	2.72	(3.83)	(14.94)	12.13
4.2. Water Supply	0.17	10.00	10.00	10.00	8.34
5. Construction	10.60	13.64	6.21	(7.99)	(14.66)
6. Wholesale & Retail Trade	12.72	12.28	10.41	10.18	13.17
7. Hotels & Restaurants	16.15	11.51	15.20	10.51	11.65
8. Transport, Storage & Communications	8.86	8.53	13.34	10.90	13.20
9. Financing, Insurance, Real Estates & Business Services	5.58	10.70	3.64	11.18	0.34
9.1 Finance & Insurance	6.18	10.06	2.85	12.82	(0.95)
9.2 Real Estate & Dwellings	3.34	12.38	1.11	3.85	4.01
9.3 Business Services	2.31	31.70	111.12	16.96	16.84
10. Public Administration	16.88	10.61	0.30	(1.53)	8.52
11. Education & Health	(9.2)	3.74	(6.01)	15.39	51.09
12. Private Social & Recreational Services	2.95	3.78	20.74	1.54	1.55
13. Taxes Net of Subsidies	(14.99)	14.99	10.61	22.12	(15.83)
Overall GDP	6.64	8.13	4.65	3.06	5.46

Source: National Accounts Statistics 2020, NSB

Table 15.4: Gross Domestic Product by Major Economic Sectors in Current Prices, 2015 - 2019

(In Million Nu.)

Sector	2015	2016	2017	2018	2019
1. Primary	18,556.38	20,882.68	23,989.40	26,759.75	28,184.45
2. Secondary	54,610.62	61,730.16	66,769.53	63,929.66	64,387.45
3. Tertiary	55,367.64	62,460.02	68,812.77	76,650.56	85,629.99
Overall GDP	128,534.63	145,072.86	159,571.70	167,339.97	178,201.89

Source: National Accounts Statistics 2020, NSB

Table 15.5: Percentage Share of GDP by Major Sector in Current Prices, 2015 - 2019

Sector	2015	2016	2017	2018	2019
1. Primary	14.44	14.39	15.03	15.99	15.82
2. Secondary	42.49	42.55	41.84	38.20	36.13
3. Tertiary	43.08	43.05	43.12	45.81	48.05
Overall GDP	100.00	100.00	100.00	100.00	100.00

Source: National Accounts Statistics 2020, NSB

Table 15.6: Year on Year GDP Growth, 2015 - 2019

(Percent)

Sector	2015	2016	2017	2018	2019
1. Primary	4.66	4.22	2.95	4.25	1.30
2. Secondary	8.22	6.94	2.55	-4.98	2.01
3. Tertiary	5.60	10.32	7.12	10.33	9.16
Overall GDP	6.64	8.13	4.65	3.06	5.46

Source: National Accounts Statistics 2020, NSB

Table 15.7: GDP by Expenditure at Current Prices, 2015 - 2019

(In Million Nu.)

Description	2015	2016	2017	2018	2019
1. Final Consumption Expenditure	100,075.96	100,339.49	112,807.65	129,657.14	139,690.17
Households & NPISHs	76,610.42	75,278.10	85,992.81	101,013.73	107,087.57
General Government	23,465.55	25,061.39	26,814.84	28,643.42	32,602.61
2. Gross Domestic Capital Formation	71,286.96	82,700.52	82,896.61	79,634.10	67,636.39
a. Construction	48,392.69	55,265.46	57,853.27	52,946.41	45,281.08
b. Machinery & Equipment	22,984.31	26,020.49	24,828.12	25,947.92	21,463.19
c. Software, database dev. (gov)	210.71	433.17	357.39	27.40	27.40
d. Valuables	47.96	95.32	86.50	44.459074	89.61
e. Changes in Inventories	(348.70)	886.08	(228.67)	667.92	775.12
3. Net Export	(42828.29)	(37967.15)	(36132.56)	(41,951.28)	(29,124.68)
Export of Goods & Services	44,261.74	42,966.17	48,004.25	51,570.34	60,602.18
Import of Goods & Services	87,090.02	80,933.32	84,136.81	93,521.62	89726.86
GDP, Expenditure	128,534.63	145,072.86	159,571.70	167,339.97	178201.8867

Source: National Accounts Statistics 2020, NSB

Table 15.8: GDP Share of Expenditure at Current Prices, 2015 - 2019

(Percent)

Expenditure	2015	2016	2017	2018	2019
1. Final Consumption Expenditure	77.86	69.16	70.69	77.48	78.39
Households & NPISHs	59.6	51.89	53.89	60.36	60.09
General Government	18.26	17.28	16.8	17.12	18.30
2. Gross Domestic Capital Formation	55.46	57.01	51.95	47.59	37.95
Construction	37.65	38.09	36.26	31.64	25.41
Machinery & Equipment	17.88	17.94	15.56	15.51	12.04
Software data base dev.	0.16	0.3	0.22	0.02	0.02
Valuables	0.04	0.07	0.05	0.03	0.05
Changes in Inventories	(0.27)	0.61	(0.14)	0.40	0.43
3. Net Export	(33.32)	(26.17)	(22.64)	(25.07)	(16.34)
Export of Goods & Services	34.44	29.62	30.08	30.82	34.01
Import of Goods & Services	67.76	55.79	52.73	55.89	50.35
GDP, Expenditure	100.00	100.00	100.00	100.00	100.00

Source: National Accounts Statistics 2020, NSB

Price statistics is an important macro-economic indicator to monitor the overall price movement in the economy. It provides information on inflationary trends in the economy which is essential for formulation of monetary and fiscal policies. It is also used in various other purposes like adjustment of income, deflator in economic series like GDP, business analysis, cost escalation, etc.

Bhutan currently compiles and publishes two price indices namely the Consumer Price Index (CPI) and the Producer Price Index (PPI). CPI is a measure of average price change over time in the prices of goods & services purchased by households whereas PPI is a measure of average price change over time in the prices of goods & services sold by domestic producers. CPI measures price change from a consumer's perspective while PPI measures price change from a producer's perspective.

Bhutan started the first compilation of CPI in 1979. CPI was published biannually from 1979 to 2003, and quarterly from third quarter of 2003 till fourth quarter of 2012. However, starting from January 2013 CPI is produced on a monthly basis. The index reference period is April 2019=100 based on which the relative index changes are compared. The current CPI is rebased using the recent BLSS 2017 data and reflects the latest expenditure pattern of the Bhutanese households.

The first PPI was published for 2nd quarter 2011. It is a quarterly publication, and provides monthly indices as well for monitoring price movements on a monthly basis. It includes sectors such as Logging, Mining & Quarrying, Manufacturing, Electricity & Water, Transport and Communication. PPI is compiled by economic activity using the International Standard Industrial Classification (ISIC rev. 4) and by Product group using the Central Product Classification (CPC ver. 2). The weight reference period for PPI is 2010 and the relative index changes are calculated based on September 2011=100 as the index reference period. Figure 16.1 presents the year on inflation rate from 2016 to June 2020.

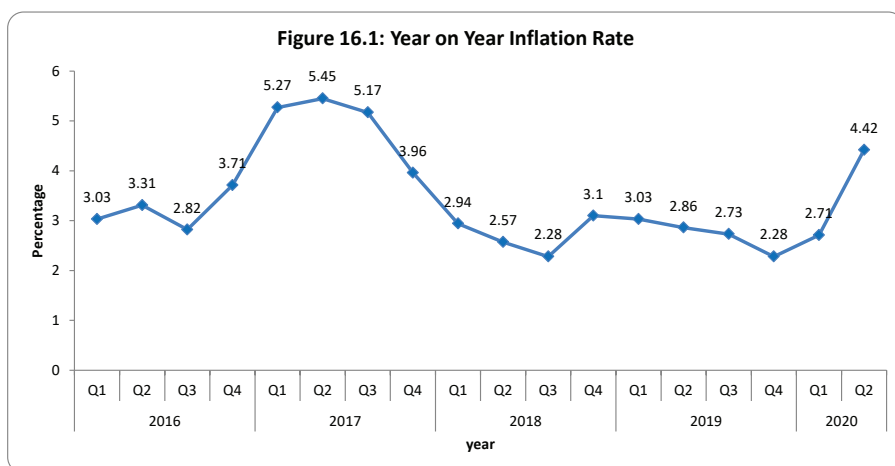


Table 16.1: Year on Year Inflation

Year/Month		Group		Total
		Food	Non-Food	
Weights		39.92	60.08	100
2016	Jan	3.16	3.16	3.16
	Feb	2.78	3.12	2.98
	Mar	2.78	3.06	2.95
	Apr	2.84	3.22	3.07
	May	3.42	3.22	3.30
	Jun	4.36	3.04	3.56
	Jul	4.05	2.10	2.87
	Aug	3.81	2.21	2.85
	Sep	3.77	2.05	2.74
	Oct	3.78	1.86	2.62
	Nov	5.49	2.90	3.92
	Dec	5.91	3.73	4.60
2017	Jan	6.35	4.28	5.10
	Feb	7.82	4.22	5.64
	Mar	6.30	4.27	5.08
	Apr	8.38	4.07	5.77
	May	8.08	4.07	5.65
	Jun	6.53	3.89	4.94
	Jul	7.24	4.00	5.28
	Aug	7.32	4.04	5.34
	Sep	6.82	3.66	4.91
	Oct	6.96	3.49	4.86
	Nov	6.36	1.98	3.71
	Dec	6.97	0.93	3.30
2018	Jan	6.70	0.58	2.98
	Feb	5.94	0.46	2.61
	Mar	7.83	0.28	3.23
	Apr	5.50	0.63	2.55
	May	5.52	0.74	2.62

Table 16.1 cont...

Year/Month		Group		Total
		Food	Non-Food	
Weights		39.92	60.08	100
2018	Jun	5.10	0.89	2.55
	Jul	4.00	0.71	2.01
	Aug	3.49	1.24	2.13
	Sep	3.86	1.95	2.71
	Oct	4.00	2.47	3.08
	Nov	3.58	2.76	3.09
	Dec	3.87	2.65	3.13
Weights		45.9	54.1	100
2019	Jan	3.58	2.82	3.12
	Feb	3.10	2.95	3.01
	Mar	2.85	3.06	2.98
	Apr	3.43	2.92	3.13
	May	2.82	2.72	2.72
	Jun	3.13	2.59	2.74
	Jul	3.61	2.82	3.09
	Aug	3.86	2.14	2.79
	Sep	3.49	1.62	2.33
	Oct	3.90	0.96	2.18
	Nov	4.08	1.02	2.34
	Dec	3.41	1.35	2.32
2020	Jan	3.90	1.20	2.43
	Feb	4.38	0.88	2.46
	Mar	6.53	0.59	3.26
	Apr	9.24	0.73	4.55
	May	8.76	0.42	4.17
	Jun	8.94	0.94	4.54

Source: CPI Bulletin June 2020, NSB

Table 16.2: Year-on-Year Percent Change by Group Level

Year/Month	Major Group												Total	
	Food and non-alcoholic Beverages	Alcoholic Beverages and Narcotics	Clothing and Foot-wear	Housing and Utilities	Furnishing, Household Equipment and Routine Household maintenance.	Health	Transport	Communication	Recreational and Culture	Education	Resturents and Hotels	Miscellaneous Goods and Services		
Weights	42.80	3.20	9.20	11.60	4.40	0.80	15.60	3.20	2.30	1.30	3.60	1.90	100.00	
2016	Jan	3.23	2.29	3.79	3.54	1.65	1.80	3.60	0.15	-0.31	6.71	5.81	2.65	3.16
	Feb	2.82	2.27	3.23	3.32	2.30	1.49	4.12	0.15	-0.16	6.97	5.97	2.89	2.98
	Mar	2.88	1.55	3.17	3.32	2.13	1.07	4.20	0.15	-0.44	6.97	4.82	2.97	2.95
	Apr	2.93	1.65	3.24	3.39	2.07	1.08	5.00	0.15	-0.32	6.97	3.99	2.68	3.07
	May	3.52	2.25	3.44	3.73	1.98	0.59	4.73	-0.08	-1.05	6.97	3.09	2.50	3.30
	Jun	4.50	2.61	2.50	3.72	1.87	0.66	4.58	0.06	-1.19	6.97	2.95	2.40	3.56
	Jul	4.23	1.91	2.42	2.22	1.87	0.66	2.69	0.05	-1.53	6.83	2.95	2.45	2.87
	Aug	3.99	1.74	2.83	2.22	1.83	0.65	3.05	-0.01	-1.46	6.83	1.96	2.41	2.85
	Sep	3.96	1.49	2.66	1.88	2.02	0.61	3.05	-0.01	-1.50	6.83	1.78	2.35	2.74
	Oct	3.96	1.69	2.93	1.10	1.60	0.69	3.11	-0.01	-0.02	6.83	1.40	2.14	2.62
	Nov	5.81	1.72	2.92	3.88	1.57	0.54	3.29	-0.01	-0.14	6.83	2.12	2.29	3.92
	Dec	6.27	1.65	2.58	6.37	1.38	-0.26	3.49	-0.01	1.20	6.83	1.77	2.01	4.60
2017	Jan	6.74	1.71	3.81	6.96	1.26	-0.18	4.27	-0.01	1.17	6.83	1.95	1.63	5.10
	Feb	8.35	1.55	4.28	6.70	0.71	0.53	4.39	-0.01	1.04	3.63	1.93	1.45	5.64
	Mar	6.71	1.45	4.27	6.70	0.91	0.55	4.60	-0.00	1.12	3.63	1.85	1.52	5.08
	Apr	8.94	1.83	4.31	6.54	1.09	0.54	3.78	-0.00	1.17	3.63	2.00	1.42	5.77
	May	8.65	1.33	3.98	6.66	1.32	1.03	3.40	-0.00	1.63	3.63	2.42	1.65	5.65
	Jun	6.98	1.28	3.81	6.76	1.60	0.74	2.56	0.02	1.70	3.63	2.05	1.51	4.94
	Jul	7.64	2.55	4.05	7.16	1.75	1.10	2.01	0.02	1.84	3.29	1.86	2.08	5.28
	Aug	7.63	3.66	3.82	7.26	1.74	1.55	1.93	0.01	1.71	3.29	2.42	2.41	5.34
	Sep	7.08	3.64	3.63	7.07	1.40	1.58	0.61	0.01	1.77	3.29	2.42	2.26	4.91

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Table 16.2 cont...

Year/Month	Major Group												Total	
	Food and non-alcoholic Beverages	Alcoholic Beverages and Narcotics	Clothing and Footwear	Housing and Utilities	Furnishing, Household Equipment and Routine Household maintenance.	Health	Transport	Communication	Recreational and Culture	Education	Restaurants and Hotels	Miscellaneous Goods and Services		
Weights	42.80	3.20	9.20	11.60	4.40	0.80	15.60	3.20	2.30	1.30	3.60	1.90	100.00	
2017	Oct	7.23	3.69	2.91	7.03	1.46	1.55	0.50	0.01	0.28	3.29	3.76	2.65	4.86
	Nov	6.58	3.78	2.69	4.19	1.42	1.55	-1.68	0.01	0.36	3.29	2.59	2.39	3.71
	Dec	7.08	5.66	3.02	1.75	1.96	2.02	-3.24	0.01	0.36	3.29	4.05	2.71	3.30
2018	Jan	6.76	5.87	2.34	1.23	1.92	2.02	-3.57	0.01	0.39	3.29	4.00	2.78	2.98
	Feb	5.95	5.79	1.82	1.24	1.65	1.41	-3.42	0.02	0.34	3.25	3.84	2.32	2.61
	Mar	8.00	5.86	2.04	1.26	1.45	1.29	-4.42	0.02	0.29	3.25	3.84	2.65	3.23
	Apr	5.46	6.00	2.64	1.19	1.40	1.29	-3.22	-0.01	0.34	3.25	5.49	2.74	2.55
	May	5.52	5.62	2.81	0.73	1.40	1.29	-2.00	-0.01	0.31	3.25	5.49	2.73	2.62
	Jun	5.05	5.69	2.97	0.65	1.15	1.29	-1.19	-0.03	0.29	3.25	5.19	2.83	2.55
	Jul	3.96	4.50	2.38	0.46	0.86	0.93	-0.98	-0.02	0.27	3.35	5.38	2.07	2.01
	Aug	3.45	3.91	2.56	1.77	1.57	0.48	-1.04	0.12	0.47	3.35	7.28	1.87	2.13
	Sep	3.85	3.96	3.08	2.09	2.05	2.75	0.38	0.12	0.63	3.35	8.71	1.89	2.71
	Oct	4.00	4.02	2.93	2.09	2.08	3.72	2.93	0.25	0.50	3.35	7.17	1.63	3.08
	Nov	3.56	3.87	2.93	2.10	2.15	3.72	4.34	0.25	0.63	3.35	6.90	1.74	3.09
	Dec	4.01	2.15	2.86	2.11	1.88	3.24	4.11	0.25	0.63	3.35	6.15	1.57	3.13
2019	Jan	3.73	1.79	2.37	3.17	2.04	3.24	3.41	0.29	0.63	3.35	6.26	1.62	3.12
	Feb	3.21	1.68	2.45	3.16	2.17	3.11	4.38	0.28	0.63	0.78	6.26	1.61	3.01
	Mar	2.95	1.66	2.23	3.16	2.20	3.22	5.14	0.28	0.63	0.78	6.39	1.22	2.98
	Apr	3.62	1.15	1.99	3.15	2.55	3.22	4.43	0.31	0.54	0.78	7.02	1.80	3.13
	May	2.99	0.71	1.84	3.14	2.90	3.22	3.31	0.31	0.54	0.78	7.02	1.80	2.72
	Jun	3.37	0.14	1.77	3.14	3.17	3.22	2.52	0.31	0.55	0.78	7.33	2.49	2.74
	Jul	3.83	1.02	2.21	3.49	3.68	3.24	2.78	0.39	0.56	1.28	4.86	1.64	3.09

cont...

Table 16.2 cont...

Year/Month	Major Group												Total	
	Food and non-alcoholic Beverages	Alcoholic Beverages and Narcotics	Clothing and Footwear	Housing and Utilities	Furnishing, Household Equipment and Routine Household maintenance.	Health	Transport	Communication	Recreational and Culture	Education	Restaurants and Hotels	Miscellaneous Goods and Services		
Weights	42.80	3.20	9.20	11.60	4.40	0.80	15.60	3.20	2.30	1.30	3.60	1.90	100.00	
2019	Aug	4.15	0.40	1.62	2.05	2.82	3.24	2.82	0.25	0.44	1.28	4.86	1.64	2.79
	Sep	3.73	0.64	1.30	1.75	2.48	0.93	2.16	0.25	0.21	1.28	3.48	1.61	2.33
	Oct	4.15	0.82	1.05	1.36	2.41	1.32	-0.20	0.03	-0.18	1.28	3.51	1.43	2.18
	Nov	4.34	0.75	1.03	1.41	2.32	1.32	0.18	0.03	-0.29	1.28	3.47	1.34	2.34
	Dec	3.63	0.55	0.78	1.45	2.04	1.32	2.09	0.03	-0.30	1.28	2.74	1.20	2.32
2020	Jan	4.16	0.58	0.78	0.73	2.20	1.37	2.72	-0.01	-0.28	1.28	2.56	1.30	2.43
	Feb	4.64	0.93	0.65	0.81	2.09	1.37	1.05	-0.01	-0.28	3.78	2.61	1.30	2.46
	Mar	6.77	3.39	0.65	0.79	2.07	1.37	-0.08	-0.01	-0.28	3.78	2.49	1.21	3.26
	Apr	9.49	5.85	3.14	2.17	2.29	2.57	-2.04	-0.01	-0.32	3.78	0.71	-0.36	4.55
	May	8.99	5.73	3.14	1.23	1.94	2.57	-2.29	-0.01	-0.32	3.78	0.71	-0.36	4.17
	Jun	9.04	7.53	3.15	2.99	1.67	2.57	-0.27	-6.37	-0.32	3.78	0.70	-1.18	4.54

Source: CPI Bulletin June 2020, NSB

Table 16.3: Month-on-Month Index and Percent Change in the CPI by Overall Index

Index (December 2012=100)						Percent Change (%)		
Year/Month		Group			Purchasing Power of Ngultrum (Nu.)	Group		
		Food	Non-Food	Total		Food	Non-Food	Total
Weights		39.92	60.08	100.00		39.92	60.08	100.00
2016	Jan	125.07	121.90	123.16	81.20	0.09	-0.03	0.02
	Feb	124.68	122.29	123.24	81.14	-0.32	0.32	0.06
	Mar	124.69	122.44	123.33	81.08	0.01	0.13	0.08
	Apr	124.85	122.65	123.52	80.96	0.13	0.17	0.15
	May	125.23	122.87	123.80	80.77	0.31	0.18	0.23
	Jun	126.76	123.07	124.53	80.30	1.22	0.16	0.58
	Jul	127.26	123.22	124.82	80.12	0.39	0.13	0.23
	Aug	127.90	123.47	125.22	79.86	0.51	0.20	0.32
	Sep	128.61	123.67	125.62	79.60	0.56	0.16	0.32
	Oct	129.36	124.01	126.12	79.29	0.58	0.28	0.40
	Nov	131.66	125.38	127.85	78.22	1.77	1.10	1.37
	Dec	132.35	126.49	128.80	77.64	0.53	0.89	0.74
2017	Jan	133.01	127.12	129.44	77.26	0.50	0.49	0.50
	Feb	134.43	127.45	130.19	76.81	1.07	0.26	0.58
	Mar	132.54	127.68	129.60	77.16	-1.40	0.18	-0.46
	Apr	135.31	127.64	130.65	76.54	2.09	-0.03	0.81
	May	135.35	127.87	130.80	76.45	0.03	0.18	0.12
	Jun	135.04	127.85	130.67	76.53	-0.23	-0.01	-0.10
	Jul	136.47	128.15	131.41	76.10	1.06	0.23	0.56
	Aug	137.27	128.45	131.90	75.81	0.58	0.24	0.37
	Sep	137.38	128.20	131.79	75.88	0.08	-0.20	-0.09
	Oct	138.36	128.34	132.25	75.61	0.72	0.11	0.35
	Nov	140.03	127.86	132.59	75.42	1.21	-0.37	0.25
	Dec	141.58	127.67	133.05	75.16	1.10	-0.15	0.35
2018	Jan	141.92	127.85	133.29	75.02	0.24	0.14	0.18
	Feb	142.42	128.04	133.59	74.85	0.35	0.14	0.23
	Mar	142.92	128.03	133.78	74.75	0.36	-0.00	0.14
	Apr	142.76	128.44	133.98	74.64	-0.12	0.32	0.14
	May	142.83	128.81	134.23	74.50	0.05	0.29	0.19
	Jun	141.92	128.99	134.00	74.63	-0.63	0.14	-0.17

cont...

Table 16.3 cont...

Index (December 2012=100)						Percent Change (%)		
Year/Month		Group			Purchasing Power of Ngultrum (Nu.)	Group		
		Food	Non-Food	Total		Food	Non-Food	Total
Weights		39.92	60.08	100.00		39.92	60.08	100.00
2018	Jul	141.93	129.06	134.05	74.60	0.01	0.06	0.04
	Aug	142.05	130.04	134.71	74.23	0.09	0.76	0.49
	Sep	142.68	130.69	135.35	73.88	0.44	0.50	0.48
	Oct	143.90	131.52	136.33	73.35	0.86	0.63	0.72
	Nov	145.05	131.40	136.69	73.16	0.80	-0.09	0.26
	Dec	147.05	131.05	137.22	72.88	1.38	-0.26	0.39
Weights		45.9	54.1	100.00		45.9	54.1	100.00
2019	Jan	146.99	131.46	137.45	72.75	-0.04	0.31	0.17
	Feb	146.83	131.81	137.61	72.67	-0.11	0.27	0.11
	Mar	146.99	131.96	137.76	72.59	0.11	0.11	0.11
	Apr	147.66	132.20	138.17	72.38	0.45	0.18	0.29
	May	146.85	132.32	137.89	72.52	-0.55	0.09	-0.20
	Jun	146.36	132.33	137.68	72.63	-0.33	0.01	-0.15
	Jul	147.06	132.71	138.19	72.40	0.48	0.28	0.37
	Aug	147.54	132.83	138.47	72.20	0.33	0.09	0.20
	Sep	147.66	132.81	138.51	72.20	0.09	-0.01	0.03
	Oct	149.51	132.79	139.30	71.80	1.25	-0.02	0.56
	Nov	150.96	132.73	139.88	71.50	0.97	-0.04	0.42
	Dec	152.07	132.82	138.47	71.22	0.73	0.07	-1.01
2020	Jan	152.73	133.06	140.82	71.02	0.44	0.18	1.70
	Feb	153.25	132.98	140.99	70.93	0.34	-0.07	0.12
	Mar	156.59	132.73	142.25	70.30	2.18	-0.18	0.89
	Apr	161.30	133.16	144.45	69.23	3.01	0.32	1.55
	May	159.72	132.88	143.64	69.62	-0.98	-0.21	-0.56
	Jun	159.44	133.58	143.93	69.48	-0.18	0.53	0.20

Source: CPI Bulletin June 2020, NSB

Table 16.4: Month-on-Month Index and Percent Change by Domestic

Index (December 2012=100)					Percent Change (%)		
Year/Month		Group			Group		
		Food	Non-Food	Domestic	Food	Non-Food	Domestic
Weights		17.77	30.24	48.01	17.77	30.24	48.01
2016	Jan	126.58	123.15	124.41	0.37	0.01	0.15
	Feb	126.38	123.76	124.73	-0.16	0.50	0.25
	Mar	126.85	123.77	124.90	0.37	0.01	0.14
	Apr	127.28	123.99	125.20	0.34	0.18	0.24
	May	127.71	124.29	125.55	0.34	0.24	0.28
	Jun	130.19	124.32	126.46	1.94	0.02	0.73
	Jul	130.42	124.41	126.60	0.18	0.07	0.11
	Aug	131.00	124.80	127.06	0.45	0.31	0.36
	Sep	132.09	124.88	127.50	0.83	0.06	0.35
	Oct	133.04	125.05	127.95	0.72	0.14	0.35
	Nov	135.21	127.55	130.34	1.63	2.00	1.86
	Dec	135.93	129.71	131.98	0.53	1.69	1.26
2017	Jan	136.98	130.23	132.69	0.78	0.40	0.54
	Feb	139.03	130.43	133.55	1.49	0.16	0.65
	Mar	134.67	130.45	131.99	-3.13	0.01	-1.16
	Apr	140.00	130.46	133.91	3.96	0.01	1.45
	May	139.74	130.46	133.82	-0.18	0.00	-0.07
	Jun	139.26	130.47	133.65	-0.35	0.01	-0.12
	Jul	139.95	130.91	134.19	0.50	0.34	0.40
	Aug	140.23	131.00	134.35	0.20	0.07	0.12
	Sep	139.76	130.97	134.16	-0.34	-0.02	-0.14
	Oct	140.60	131.08	134.53	0.60	0.08	0.27
	Nov	142.69	131.10	135.27	1.48	0.02	0.56
	Dec	144.87	130.38	135.56	1.53	-0.55	0.21
2018	Jan	145.54	130.39	135.81	0.46	0.01	0.18
	Feb	146.02	130.57	136.09	0.33	0.14	0.21
	Mar	146.16	130.57	136.14	0.09	0.00	0.04
	Apr	145.66	130.68	136.04	-0.35	0.08	-0.08
	May	145.79	130.68	136.08	0.09	0.00	0.03
	Jun	144.45	130.67	135.61	-0.92	-0.01	-0.35

cont...

Table 16.4 cont...

Index (December 2012=100)					Percent Change (%)		
Year/Month		Group			Group		
		Food	Non-Food	Domestic	Food	Non-Food	Domestic
Weights		17.77	30.24	48.01	17.77	30.24	48.01
2018	Jul	144.39	130.88	135.73	-0.04	0.16	0.09
	Aug	144.01	132.42	136.60	-0.26	1.18	0.64
	Sep	144.50	132.79	137.01	0.34	0.28	0.30
	Oct	146.50	133.78	138.35	1.39	0.74	0.98
	Nov	148.10	133.78	138.91	1.09	0.00	0.40
	Dec	151.04	133.83	139.96	1.99	0.03	0.75
Weights		22.00	23.10	45.10	22.00	23.10	45.10
2019	Jan	151.27	134.87	140.72	4.72	3.22	3.77
	Feb	150.98	134.88	140.63	-0.19	0.01	-0.07
	Mar	151.51	134.89	140.82	0.35	0.01	0.13
	Apr	152.61	135.06	141.31	0.73	0.13	0.35
	May	150.74	135.08	140.47	-1.23	0.01	-0.60
	Jun	149.89	135.24	140.17	-0.56	0.12	-0.21
	Jul	150.38	135.76	140.67	0.33	0.39	0.36
	Aug	150.54	135.76	140.74	0.11	0.00	0.05
	Sep	150.38	135.76	140.67	-0.11	0.00	-0.05
	Oct	152.74	135.46	141.58	1.57	-0.23	0.65
	Nov	154.77	135.46	142.49	1.32	0.00	0.64
	Dec	156.20	135.46	143.13	0.92	0.00	0.45
2020	Jan	157.26	135.70	143.74	0.68	0.18	0.43
	Feb	158.56	135.95	144.46	0.83	0.18	0.50
	Mar	163.62	135.95	146.69	3.19	0.00	1.55
	Apr	170.48	137.09	150.30	4.19	0.84	2.46
	May	166.56	137.09	148.60	-2.30	0.00	-1.13
	Jun	164.03	135.82	146.80	-1.52	-0.93	-1.21

Source: CPI Bulletin June 2020, NSB

Table 16.5: Month-on-Month Index and Percent Change by Imported

		Index (December 2012=100)			Percent Change (%)		
Year/Month		Group			Group		
		Food	Non-Food	Overall	Food	Non-Food	Overall
Weights		17.77	30.24	48.01	17.77	30.24	48.01
2016	Jan	123.74	120.65	121.96	-0.14	-0.07	-0.10
	Feb	123.19	120.81	121.82	-0.44	0.13	-0.11
	Mar	122.84	121.11	121.84	-0.29	0.25	0.02
	Apr	122.79	121.30	121.93	-0.04	0.16	0.07
	May	123.14	121.44	122.16	0.29	0.11	0.18
	Jun	123.94	121.81	122.71	0.64	0.31	0.45
	Jul	124.64	122.03	123.14	0.57	0.18	0.35
	Aug	125.33	122.14	123.49	0.55	0.09	0.28
	Sep	125.75	122.46	123.85	0.33	0.26	0.29
	Oct	126.35	122.97	124.40	0.48	0.42	0.44
	Nov	128.73	123.22	125.54	1.88	0.20	0.91
	Dec	129.40	123.31	125.87	0.52	0.07	0.27
2017	Jan	129.76	124.04	126.44	0.28	0.59	0.46
	Feb	130.71	124.50	127.11	0.73	0.37	0.52
	Mar	130.71	124.93	127.36	0.00	0.35	0.20
	Apr	131.52	124.84	127.65	0.62	-0.07	0.22
	May	131.78	125.29	128.02	0.19	0.36	0.29
	Jun	131.60	125.26	127.92	-0.14	-0.03	-0.07
	Jul	133.60	125.41	128.83	1.52	0.12	0.71
	Aug	134.78	125.92	129.62	0.89	0.41	0.61
	Sep	135.35	125.44	129.57	0.42	-0.38	-0.04
	Oct	136.44	125.63	130.13	0.81	0.15	0.43
	Nov	137.78	124.66	130.09	0.98	-0.77	-0.03
	Dec	138.83	124.99	130.71	0.76	0.26	0.47
2018	Jan	138.92	125.32	130.94	0.06	0.27	0.18
	Feb	139.43	125.51	131.26	0.37	0.15	0.24
	Mar	140.22	125.51	131.58	0.57	-0.00	0.24
	Apr	140.32	126.21	132.04	0.07	0.56	0.35
	May	140.34	126.94	132.48	0.01	0.58	0.34
	Jun	139.76	127.30	132.47	-0.41	0.28	-0.01
	Jul	139.84	127.24	132.46	0.05	-0.05	-0.00

cont...

Table 16.5 cont...

Index (December 2012=100)					Percent Change (%)		
Year/Month		Group			Group		
		Food	Non-Food	Overall	Food	Non-Food	Overall
Weights		17.77	30.24	48.01	17.77	30.24	48.01
2018	Aug	140.35	127.67	132.92	0.36	0.33	0.35
	Sep	141.09	128.60	133.78	0.53	0.73	0.64
	Oct	141.69	129.27	134.42	0.43	0.52	0.48
	Nov	142.50	129.02	134.60	0.57	-0.19	0.13
	Dec	143.76	128.29	134.67	0.89	-0.56	0.05
Weights		23.90	31.00	54.90	23.9	31	54.90
2019	Jan	143.49	128.09	134.44	-0.19	-0.16	-0.17
	Feb	143.42	128.77	134.82	-0.05	0.53	0.28
	Mar	143.31	129.05	134.94	-0.08	0.21	0.09
	Apr	143.64	129.36	135.26	0.23	0.24	0.24
	May	143.76	129.56	135.43	0.08	0.15	0.12
	Jun	143.58	129.46	135.30	-0.13	-0.08	-0.10
	Jul	144.46	129.73	135.81	0.62	0.21	0.38
	Aug	145.22	129.94	136.25	0.53	0.16	0.32
	Sep	145.61	129.91	136.39	0.53	-0.02	0.10
	Oct	147.01	130.09	137.07	0.26	0.14	0.50
	Nov	147.96	129.98	137.39	0.96	-0.08	0.24
	Dec	148.78	130.15	137.82	0.65	0.12	0.31
2020	Jan	149.09	130.34	138.06	0.56	0.15	0.17
	Feb	148.94	130.05	137.83	0.21	-0.22	-0.17
	Mar	150.80	129.64	138.33	-0.10	-0.32	0.36
	Apr	153.72	129.56	139.44	1.25	-0.06	0.80
	May	154.10	129.09	139.3	1.93	-0.36	-0.10
	Jun	155.75	131.18	141.23	0.25	1.62	1.39

Source: CPI Bulletin June 2020, NSB

Table 16.6: Month-on-Month Index and Percent Change by Group Level

Group			Food and non-alcoholic Beverages	Alcoholic Beverages and Narcotics	Clothing and Footwear	Housing, Water, Electricity, Gas and other Fuels	Furnishing, Household Equipment and Routine Maintenance of the House.	
Weights			42.80	3.20	9.20	11.60	4.40	
Index (December 2012=100)	2019	Jan	146.60	151.90	136.32	141.36	135.92	
		Feb	146.42	151.90	136.51	141.38	136.11	
		Mar	146.59	151.96	136.51	141.40	136.15	
		Apr	147.30	152.06	137.03	141.43	136.68	
		May	146.52	150.90	137.03	141.45	137.14	
		Jun	146.04	150.19	137.01	141.47	137.50	
		July	146.68	151.69	137.56	142.21	138.27	
		Aug	147.21	151.54	137.56	142.22	138.27	
		Sep	147.31	151.96	137.56	142.24	138.33	
		Oct	149.25	152.61	137.30	141.71	138.36	
		Nov	150.79	152.83	137.30	141.80	138.36	
		Dec	151.98	152.73	137.30	141.89	138.36	
Index (December 2012=100)	2020	Jan	152.69	152.78	137.39	142.52	138.92	
		Feb	153.21	153.31	137.39	142.53	138.96	
		Mar	156.51	157.12	137.39	142.53	138.96	
		Apr	161.29	160.95	141.33	144.50	139.80	
		May	159.69	159.54	141.33	143.18	139.80	
		Jun	159.25	161.50	141.33	145.70	139.80	
Percent Change (%)	2019	Jan	-0.04	0.01	0.06	1.08	0.24	
		Feb	-0.12	0.00	0.13	0.02	0.14	
		Mar	0.12	0.04	0.00	0.02	0.03	
		Apr	0.49	0.07	0.38	0.02	0.39	
		May	-0.53	-0.77	0.00	0.01	0.34	
		Jun	-0.32	-0.47	-0.01	0.02	0.26	
		July	0.44	1.00	0.40	0.52	0.56	
		Aug	0.36	-0.10	0.00	0.01	0.00	
		Sep	0.07	0.28	0.00	0.01	0.04	
		Oct	1.31	0.43	-0.19	-0.37	0.02	
		Nov	1.03	0.15	0.00	0.06	0.00	
		Dec	0.79	-0.07	0.00	0.06	0.00	

	Health	Transport	Communication	Recreational and Culture	Education	Restuarents and Hotels	Miscellaneous Goods and Services	Total
	0.80	15.60	3.20	2.30	1.30	3.60	1.90	100.00
	114.58	128.95	95.90	112.50	141.20	141.35	131.86	137.45
	114.58	130.47	95.90	112.50	141.20	141.35	131.86	137.61
	114.58	131.10	95.90	112.50	141.20	141.53	131.98	137.76
	114.58	131.33	95.90	112.52	141.20	144.84	132.87	138.17
	114.58	131.61	95.90	112.52	141.20	144.84	132.87	137.89
	114.58	131.40	95.90	112.52	141.20	144.85	133.97	137.68
	114.60	131.57	95.98	112.57	143.01	144.86	133.30	138.19
	114.60	131.98	95.98	112.57	143.01	144.86	133.30	138.47
	114.60	131.90	95.98	112.57	143.01	144.86	133.30	138.51
	116.09	132.31	95.89	112.17	143.01	144.90	133.32	139.30
	116.09	132.05	95.89	112.17	143.01	144.90	133.32	139.88
	116.09	132.31	95.89	112.17	143.01	144.90	133.32	138.47
	116.15	132.45	95.89	112.18	143.01	144.97	133.57	140.82
	116.15	131.83	95.89	112.18	146.54	145.05	133.57	140.99
	116.15	131.00	95.89	112.18	146.54	145.05	133.57	142.25
	117.52	128.65	95.89	112.15	146.54	145.86	132.40	144.45
	117.52	128.59	95.89	112.15	146.54	145.86	132.40	143.64
	117.52	131.04	89.80	112.15	146.54	145.86	132.40	143.93
	0.00	-0.51	0.04	0.00	0.00	0.23	0.09	0.17
	0.00	1.18	0.00	0.00	0.00	0.00	0.00	0.11
	0.00	0.49	0.00	0.00	0.00	0.12	0.09	0.11
	0.00	0.17	0.00	0.01	0.00	2.34	0.68	0.29
	0.00	0.22	0.00	0.00	0.00	0.00	0.00	-0.20
	0.00	-0.16	0.00	0.00	0.00	0.01	0.83	-0.15
	0.02	0.13	0.08	0.04	1.28	0.01	-0.50	0.37
	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.20
	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.03
	1.30	0.31	-0.09	-0.36	0.00	0.03	0.01	0.56
	0.00	-0.20	0.00	0.00	0.00	0.00	0.00	0.42
	0.00	0.20	0.00	0.00	0.00	0.00	0.00	-1.01

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Table 16.6 cont...

Group			Food and non-alcoholic Beverages	Alcoholic Beverages and Narcotics	Clothing and Footwear	Housing, Water, Electricity, Gas and other Fuels	Furnishing, Household Equipment and Routine Maintenance of the House.	
Weights			42.80	3.20	9.20	11.60	4.40	
Percent Change (%)	2020	Jan	0.46	0.04	0.07	0.45	0.40	
		Feb	0.34	0.35	0.00	0.01	0.03	
		Mar	2.15	2.48	0.00	-0.00	0.00	
		Apr	3.05	2.44	2.86	1.38	0.61	
		May	-0.99	-0.88	0.00	-0.91	0.00	
		Jun	-0.28	1.23	-0.00	1.76	-0.00	

Source: CPI Bulletin June 2020, NSB

	Health	Transport	Communication	Recreational and Culture	Education	Restuarents and Hotels	Miscellaneous Goods and Services	Total
	0.80	15.60	3.20	2.30	1.30	3.60	1.90	100.00
	0.05	0.10	0.00	0.02	0.00	0.05	0.19	1.70
	0.00	-0.47	0.00	0.00	2.47	0.05	0.00	0.12
	0.00	-0.63	0.00	0.00	0.00	0.00	0.00	0.89
	1.18	-1.80	0.00	-0.02	0.00	0.56	-0.88	1.55
	-0.00	-0.05	0.00	0.00	0.00	0.00	0.00	-0.56
	0.00	1.91	-6.36	0.00	0.00	0.00	0.00	0.20

Table 16.7: Monthly Producer Price Index (PPI) by Industry (September 2011=100)

Year/Month		Agriculture, Forestry and Logging	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning supply	
Share (%)		0.72	0.89	1.55	35.35	
2016	Jan	131.53	122.65	113.42	114.99	
	Feb	131.53	121.19	110.60	114.99	
	Mar	131.53	123.98	112.62	114.99	
	Apr	131.53	124.07	114.43	114.99	
	May	131.53	124.07	113.22	114.99	
	Jun	131.53	123.54	112.69	114.99	
	Jul	131.53	123.81	112.11	114.99	
	Aug	131.53	123.81	110.83	114.99	
	Sep	131.53	123.81	112.29	114.99	
	Oct	131.53	125.08	112.41	114.99	
	Nov	131.53	126.09	111.97	114.99	
	Dec	131.53	125.56	112.97	114.99	
2017	Jan	134.79	127.85	113.49	123.80	
	Feb	134.79	129.22	113.80	123.80	
	Mar	134.79	127.84	117.08	123.80	
	Apr	134.79	127.41	120.74	123.80	
	May	134.79	127.49	120.35	123.80	
	Jun	134.79	125.85	120.28	123.80	
	Jul	134.79	127.47	118.79	123.80	
	Aug	134.79	127.84	116.16	123.80	
	Sep	134.79	126.40	118.56	123.80	
	Oct	134.79	128.16	119.90	123.80	
	Nov	134.79	128.40	121.26	123.80	
	Dec	134.79	128.21	121.56	123.80	
2018	Jan	134.79	122.77	130.98	123.80	
	Feb	134.79	122.68	133.29	123.80	
	Mar	134.79	122.70	131.49	123.80	
	Apr	134.79	124.86	131.67	123.80	
	May	134.79	125.56	132.48	123.80	

Sectors				
	Water supply; sewerage, waste management and remediation activities	Transport and Storage	Information and communication	All Industry
	0.08	2.45	0.33	41.36
	109.39	118.90	89.76	113.73
	109.39	119.36	89.76	112.32
	109.39	118.77	89.76	113.41
	109.39	118.50	89.76	114.27
	109.39	118.71	89.76	113.70
	109.39	118.90	89.76	113.43
	109.39	118.87	89.76	113.17
	109.39	118.73	89.76	112.54
	109.39	129.60	89.76	113.83
	109.39	129.61	89.76	113.96
	109.39	130.03	89.76	113.82
	109.39	130.22	89.76	114.29
	109.39	130.32	89.76	117.72
	109.39	129.60	89.76	117.90
	109.39	129.16	89.76	119.41
	109.39	128.39	89.76	121.11
	109.39	128.34	89.76	120.93
	109.39	128.35	89.76	120.80
	109.39	128.35	89.76	120.17
	109.39	128.09	89.76	118.90
	109.39	128.36	89.76	120.01
	109.39	128.71	89.57	120.76
	109.39	128.59	89.57	121.41
	109.39	127.74	89.57	121.50
	109.39	120.11	89.57	125.13
	109.39	120.49	89.57	126.19
	109.39	120.82	89.57	125.39
	109.39	121.15	89.57	125.62
	109.39	122.10	89.57	126.09

Table 16.7 cont...

Year/Month		Agriculture, Forestry and Logging	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning supply	
Share (%)		0.72	0.89	1.55	35.35	
2018	Jun	134.79	125.17	132.42	123.80	
	Jul	134.79	124.98	132.34	124.16	
	Aug	134.79	126.01	131.55	124.16	
	Sep	134.79	125.19	128.92	124.16	
	Oct	134.79	125.17	130.06	124.16	
	Nov	134.79	125.46	130.41	124.16	
	Dec	134.79	125.38	129.69	124.16	
2019	Jan	134.79	125.99	125.76	124.16	
	Feb	134.79	125.72	124.28	124.16	
	Mar	134.79	125.43	123.86	124.16	
	Apr	134.79	125.89	123.05	124.16	
	May	134.79	125.89	122.92	124.16	
	Jun	134.79	125.89	120.97	124.16	
	Jul	134.79	126.92	120.57	124.16	
	Aug	134.79	126.10	117.69	124.16	
	Sep	134.79	125.59	115.84	124.16	
	Oct	134.79	126.57	115.89	124.16	
	Nov	134.79	126.57	116.19	124.16	
	Dec	134.79	126.57	118.36	124.16	
2020	Jan	134.79	126.57	121.86	124.16	
	Feb	134.79	126.57	127.14	124.16	
	Mar	134.79	126.57	128.30	124.16	
	Apr	134.79	126.57	127.63	124.16	
	May	134.79	126.57	128.14	124.16	
	Jun	134.79	126.57	125.52	124.16	

Source: PPI 2nd Qtr 2020, NSB

Sectors				
	Water supply; sewerage, waste management and remediation activities	Transport and Storage	Information and communication	All Industry
	0.08	2.45	0.33	41.36
	109.39	122.23	89.57	126.05
	109.39	122.68	89.57	126.16
	109.39	123.09	89.57	125.88
	109.39	124.42	89.57	124.71
	109.39	130.02	89.57	125.56
	109.39	129.13	89.57	125.68
	109.39	128.64	89.57	125.32
	109.39	128.60	89.57	123.53
	109.39	128.83	89.57	122.83
	109.39	127.95	89.57	122.57
	109.39	127.93	89.57	122.21
	109.39	128.11	89.57	122.16
	109.39	127.93	89.57	121.22
	109.39	127.96	89.57	121.09
	109.39	129.15	89.57	119.72
	109.39	129.24	89.57	118.80
	109.39	129.10	89.57	118.87
	109.39	129.29	89.57	119.03
	109.39	129.17	89.57	120.07
	109.39	129.24	89.57	121.76
	109.39	129.32	89.57	124.25
	109.39	131.00	89.57	124.88
	109.39	131.90	82.17	124.14
	109.39	131.65	82.17	124.36
	109.39	131.67	82.17	123.14

Table 16.8: Monthly Percentage Change in Producer Price Index (PPI) by Industry

Year/Month		Agriculture, Forestry and Logging	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning supply	
Share (%)		0.72	0.89	1.55	35.35	
2016	Jan	0.00	0.01	-0.13	0.00	
	Feb	0.00	-1.18	-2.49	0.00	
	Mar	0.00	2.30	1.82	0.00	
	Apr	0.00	0.07	1.61	0.00	
	May	0.00	0.00	-1.06	0.00	
	Jun	0.00	-0.42	-0.47	0.00	
	Jul	0.00	0.00	-0.52	0.00	
	Aug	0.00	0.00	-1.14	0.00	
	Sep	0.00	0.00	1.32	0.00	
	Oct	0.00	1.03	0.10	0.00	
	Nov	0.00	0.81	-0.39	0.00	
	Dec	0.00	-0.42	0.89	0.00	
2017	Jan	2.48	1.82	0.46	7.66	
	Feb	0.00	1.07	0.27	0.00	
	Mar	0.00	-1.06	2.88	0.00	
	Apr	0.00	-0.34	3.13	0.00	
	May	0.00	0.06	-0.32	0.00	
	Jun	0.00	-1.29	-0.06	0.00	
	Jul	0.00	1.29	-1.24	0.00	
	Aug	0.00	0.29	-2.21	0.00	
	Sep	0.00	-1.13	2.07	0.00	
	Oct	0.00	1.39	1.13	0.00	
	Nov	0.00	0.18	1.13	0.00	
	Dec	0.00	-0.14	0.25	0.00	
2018	Jan	0.00	-4.24	7.75	0.00	
	Feb	0.00	-0.07	1.76	0.00	
	Mar	0.00	0.01	-1.35	0.00	
	Apr	0.00	1.76	0.14	0.00	
	May	0.00	0.56	0.62	0.00	

Sectors				
	Water supply; sewerage, waste management and remediation activities	Transport and Storage	Information and communication	All Industry
	0.08	2.45	0.33	41.36
	0.00	0.29	0.00	-0.05
	0.00	0.39	0.00	-1.24
	0.00	-0.50	0.00	0.97
	0.00	-0.23	0.00	0.75
	0.00	0.17	0.00	-0.49
	0.00	0.17	0.00	-0.24
	0.00	-0.03	0.00	-0.25
	0.00	-0.12	0.00	-0.55
	0.00	9.15	0.00	1.15
	0.00	0.01	0.00	0.11
	0.00	0.32	0.00	-0.12
	0.00	0.15	0.00	0.41
	0.00	0.08	0.00	3.00
	0.00	-0.55	0.00	0.16
	0.00	-0.34	0.00	1.28
	0.00	-0.60	0.00	1.42
	0.00	-0.04	0.00	-0.15
	0.00	0.01	0.00	-0.10
	0.00	0.00	0.00	-0.52
	0.00	-0.20	0.00	-1.06
	0.00	0.21	0.00	0.93
	0.00	0.27	-0.20	0.62
	0.00	-0.09	0.00	0.54
	0.00	-0.66	0.00	0.07
	0.00	-5.97	0.00	2.99
	0.00	0.31	0.00	0.85
	0.00	0.27	0.00	-0.63
	0.00	0.28	0.00	0.18
	0.00	0.78	0.00	0.37

cont...

Table 16.8 cont...

Year/Month		Agriculture, Forestry and Logging	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning supply	
Share (%)		0.72	0.89	1.55	35.35	
2018	Jun	0.00	-0.31	-0.05	0.00	
	Jul	0.00	-0.15	-0.06	0.15	
	Aug	0.00	0.82	-0.60	0.00	
	Sep	0.00	-0.65	-1.99	0.00	
	Oct	0.00	-0.02	0.88	0.00	
	Nov	0.00	0.23	0.27	0.00	
	Dec	0.00	-0.06	-0.55	0.00	
2019	Jan	0.00	0.48	-3.03	0.00	
	Feb	0.00	-0.21	-1.17	0.00	
	Mar	0.00	-0.23	-0.34	0.00	
	Apr	0.00	0.37	-0.66	0.00	
	May	0.00	0.00	-0.10	0.00	
	Jun	0.00	0.00	-1.59	0.00	
	Jul	0.00	0.82	-0.33	0.00	
	Aug	0.00	-0.64	-2.38	0.00	
	Sep	0.00	-0.40	-1.57	0.00	
	Oct	0.00	0.78	0.04	0.00	
	Nov	0.00	0.00	0.26	0.00	
	Dec	0.00	0.00	1.86	0.00	
2020	Jan	0.00	0.00	2.96	0.00	
	Feb	0.00	0.00	4.33	0.00	
	Mar	0.00	0.00	0.92	0.00	
	Apr	0.00	0.00	-0.52	0.00	
	May	0.00	0.00	0.39	0.00	
	Jun	0.00	0.00	-2.04	0.00	

Source: PPI 2nd Qtr 2020, NSB

Sectors				
	Water supply; sewerage, waste management and remediation activities	Transport and Storage	Information and communication	All Industry
	0.08	2.45	0.33	41.36
	0.00	0.10	0.00	-0.04
	0.00	0.37	0.00	0.04
	0.00	0.33	0.00	-0.22
	0.00	1.09	0.00	-0.93
	0.00	4.50	0.00	0.68
	0.00	-0.68	0.00	0.10
	0.00	-0.38	0.00	-0.29
	0.00	-0.03	0.00	-1.43
	0.00	0.18	0.00	-0.56
	0.00	-0.68	0.00	-0.22
	0.00	-0.02	0.00	-0.29
	0.00	0.14	0.00	-0.04
	0.00	-0.14	0.00	-0.77
	0.00	0.02	0.00	-0.11
	0.00	0.93	0.00	-1.13
	0.00	0.07	0.00	-0.77
	0.00	-0.11	0.00	0.06
	0.00	0.15	0.00	0.13
	0.00	-0.09	0.00	0.88
	0.00	0.05	0.00	1.40
	0.00	0.06	0.00	2.04
	0.00	1.29	0.00	0.51
	0.00	0.69	-8.26	-0.59
	0.00	-0.19	0.00	0.18
	0.00	0.02	0.00	-0.98

Table 16.9: Annual Percentage Change in Producer Price Index (PPI) by Industry

Year/Month		Agriculture, Forestry and Logging	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning supply	
Share (%)		0.72	0.95	0.35	0.02	
2016	Jan	17.04	4.75	2.97	1.74	
	Feb	17.04	3.04	0.91	1.74	
	Mar	17.04	6.29	2.65	1.74	
	Apr	17.04	6.08	6.58	1.74	
	May	17.04	5.74	6.01	1.74	
	Jun	17.04	5.05	5.71	1.74	
	Jul	0.00	3.95	-3.71	0.00	
	Aug	0.00	3.65	-4.61	0.00	
	Sep	0.00	3.46	-3.17	0.00	
	Oct	0.00	2.40	-3.06	0.00	
	Nov	0.00	3.00	0.50	0.00	
	Dec	0.00	2.39	-0.53	0.00	
2017	Jan	2.48	4.83	0.06	7.66	
	Feb	2.48	6.39	2.90	7.66	
	Mar	2.48	2.89	3.97	7.66	
	Apr	2.48	2.48	5.52	7.66	
	May	2.48	2.54	6.30	7.66	
	Jun	2.48	1.65	6.73	7.66	
	Jul	2.48	2.96	5.96	7.81	
	Aug	2.48	3.25	4.81	7.81	
	Sep	2.48	2.09	5.59	7.81	
	Oct	2.48	2.46	6.67	7.81	
	Nov	2.48	1.83	8.29	7.81	
	Dec	2.48	2.11	7.60	7.81	
2018	Jan	0.00	-3.97	15.41	0.14	
	Feb	0.00	-5.06	17.12	0.14	
	Mar	0.00	-4.02	12.30	0.14	
	Apr	0.00	-2.00	9.05	0.14	
	May	0.00	-1.51	10.08	0.14	

Sectors				
	Water supply; sewerage, waste management and remediation activities	Transport and Storage	Information and communication	All Industry
	4.07	0.00	0.00	6.10
	0.00	-0.19	0.00	2.40
	0.00	-0.70	0.00	1.29
	0.00	-1.38	0.00	2.26
	0.00	-1.91	0.00	4.07
	0.00	-2.20	0.00	3.77
	0.00	-2.05	0.00	3.60
	0.00	1.52	0.00	-1.48
	0.00	0.79	0.00	-1.98
	0.00	9.49	0.00	-0.80
	0.00	9.94	0.00	-0.78
	0.00	9.92	0.00	0.97
	0.00	9.83	0.00	0.44
	0.00	9.61	0.00	3.53
	0.00	8.58	0.00	4.95
	0.00	8.75	0.00	5.28
	0.00	8.35	0.00	5.98
	0.00	8.11	0.00	6.34
	0.00	7.95	0.00	6.48
	0.00	7.98	0.00	6.25
	0.00	7.88	0.00	5.71
	0.00	-0.95	0.00	5.48
	0.00	-0.70	-0.20	6.02
	0.00	-1.11	-0.20	6.72
	0.00	-1.91	-0.20	6.36
	0.00	-7.83	-0.20	6.35
	0.00	-7.03	-0.20	7.08
	0.00	-6.46	-0.20	5.06
	0.00	-5.64	-0.20	3.78
	0.00	-4.86	-0.20	4.33

Table 16.9 cont...

Year/Month		Agriculture, Forestry and Logging	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning supply	
Share (%)		0.72	0.95	0.35	0.02	
2018	Jun	0.00	-0.54	10.09	0.14	
	Jul	0.00	-1.95	11.41	0.15	
	Aug	0.00	-1.43	13.25	0.15	
	Sep	0.00	-0.95	8.74	0.15	
	Oct	0.00	-2.33	8.47	0.15	
	Nov	0.00	-2.29	7.55	0.15	
	Dec	0.00	-2.21	6.69	0.15	
2019	Jan	0.00	2.62	-3.99	0.15	
	Feb	0.00	2.48	-6.75	0.15	
	Mar	0.00	2.23	-5.80	0.15	
	Apr	0.00	0.82	-6.54	0.15	
	May	0.00	0.26	-7.22	0.15	
	Jun	0.00	0.57	-8.64	0.15	
	Jul	0.00	1.55	-8.90	0.00	
	Aug	0.00	0.07	-10.53	0.00	
	Sep	0.00	0.32	-10.15	0.00	
	Oct	0.00	1.12	-10.89	0.00	
	Nov	0.00	0.89	-10.90	0.00	
	Dec	0.00	0.95	-8.73	0.00	
2020	Jan	0.00	0.47	-3.10	0.00	
	Feb	0.00	0.68	2.29	0.00	
	Mar	0.00	0.91	3.58	0.00	
	Apr	0.00	0.54	3.72	0.00	
	May	0.00	0.54	4.24	0.00	
	Jun	0.00	0.54	3.76	0.00	

Source: PPI 2nd Qtr 2020, NSB

Sectors				
	Water supply; sewerage, waste management and remediation activities	Transport and Storage	Information and communication	All Industry
	4.07	0.00	0.00	6.10
	0.00	-4.77	-0.20	4.40
	0.00	-4.42	-0.20	4.93
	0.00	-3.91	-0.20	5.81
	0.00	-3.07	-0.20	3.87
	0.00	1.02	0.00	3.93
	0.00	0.42	0.00	3.47
	0.00	0.70	0.00	3.10
	0.00	7.06	0.00	-1.33
	0.00	6.92	0.00	-2.71
	0.00	5.90	0.00	-2.30
	0.00	5.59	0.00	-2.77
	0.00	4.92	0.00	-3.17
	0.00	4.67	0.00	-3.88
	0.00	4.31	0.00	-4.02
	0.00	4.93	0.00	-4.89
	0.00	3.87	0.00	-4.74
	0.00	-0.71	0.00	-5.33
	0.00	0.12	0.00	-5.30
	0.00	0.42	0.00	-4.19
	0.00	0.50	0.00	-1.43
	0.00	0.38	0.00	1.15
	0.00	2.38	0.00	1.89
	0.00	3.10	-8.26	1.58
	0.00	2.76	-8.26	1.80
	0.00	2.92	-8.26	1.59

Table 16.10: Monthly Producer Price Index (PPI) by Product

Year/Month		Agriculture, Forestry and Fishery Products	Ores and Minerals; Electricity, gas and water	Food products, beverages and tobacco; textiles, apparel and leather products	Other transportable goods, except metal products, machinery and equipment	
Share (%)		0.72	5.81	3.56	15.36	
2016	Jan	131.53	122.65	110.80	121.19	
	Feb	131.53	122.14	110.08	121.57	
	Mar	131.53	124.92	110.20	121.95	
	Apr	131.53	124.07	110.74	121.61	
	May	131.53	124.07	110.75	121.71	
	Jun	131.53	123.54	110.83	121.14	
	Jul	131.53	123.81	112.06	120.69	
	Aug	131.53	123.81	112.06	120.72	
	Sep	131.53	123.81	112.28	120.62	
	Oct	131.53	125.08	112.27	121.32	
	Nov	131.53	126.09	112.32	119.49	
	Dec	131.53	125.56	112.34	119.87	
2017	Jan	134.79	127.85	112.34	119.70	
	Feb	134.79	129.22	112.34	120.64	
	Mar	134.79	127.84	112.29	121.96	
	Apr	134.79	127.41	112.63	126.06	
	May	134.79	127.49	112.38	127.34	
	Jun	134.79	125.85	112.44	127.44	
	Jul	134.79	127.47	112.91	123.34	
	Aug	134.79	127.84	112.91	118.88	
	Sep	134.79	126.40	112.91	120.07	
	Oct	134.79	128.16	112.83	118.68	
	Nov	134.79	128.40	112.84	118.68	
	Dec	134.79	128.21	113.05	118.68	
2018	Jan	134.79	122.77	113.56	117.75	
	Feb	134.79	122.68	113.55	118.08	
	Mar	134.79	122.70	113.59	118.48	

Description				
	Metal products, machinery and equipment	Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services	Business and production services	All Product
	28.75	41.34	4.47	100.00
	109.79	115.53	89.76	113.73
	105.21	115.60	89.76	112.37
	108.22	115.51	89.76	113.46
	111.21	115.48	89.76	114.27
	109.23	115.50	89.76	113.70
	108.65	115.53	89.76	113.43
	107.79	115.53	89.76	113.17
	105.73	115.51	89.76	112.54
	108.08	116.96	89.76	113.83
	107.93	116.97	89.76	113.96
	108.11	117.02	89.76	113.82
	109.52	117.04	89.76	114.29
	110.45	124.69	89.76	117.72
	110.49	124.59	89.76	117.90
	115.15	124.53	89.76	119.41
	119.01	124.42	89.76	121.11
	117.77	124.41	89.76	120.93
	117.59	124.41	89.76	120.80
	117.16	124.41	89.76	120.17
	115.13	124.38	89.76	118.90
	118.48	124.42	89.76	120.01
	121.47	124.46	89.57	120.76
	123.76	124.45	89.57	121.41
	124.23	124.33	89.57	121.50
	141.12	123.24	89.57	125.13
	145.04	123.29	89.57	126.19
	141.55	123.34	89.57	125.39

cont...

Table 16.10 cont...

Year/Month		Agriculture, Forestry and Fishery Products	Ores and Minerals; Electricity, gas and water	Food products, beverages and tobacco; textiles, apparel and leather products	Other transportable goods, except metal products, machinery and equipment	
Share (%)		0.72	5.81	3.56	15.36	
2018	Apr	134.79	124.86	113.46	118.92	
	May	134.79	125.56	113.39	120.27	
	Jun	134.79	125.17	113.39	117.39	
	Jul	134.79	124.98	113.58	116.03	
	Aug	134.79	126.01	113.57	115.99	
	Sep	134.79	125.19	113.54	116.41	
	Oct	134.79	125.17	113.53	116.81	
	Nov	134.79	125.46	113.53	117.15	
	Dec	134.79	125.38	113.51	117.42	
2019	Jan	134.79	125.99	113.72	117.40	
	Feb	134.79	125.72	113.73	116.76	
	Mar	134.79	125.43	113.73	117.06	
	Apr	134.79	125.89	114.01	119.05	
	May	134.79	125.89	114.02	119.16	
	Jun	134.79	125.89	114.00	119.87	
	Jul	134.79	126.92	114.00	120.19	
	Aug	134.79	126.10	114.00	118.54	
	Sep	134.79	125.59	114.00	119.23	
	Oct	134.79	126.57	114.21	119.30	
	Nov	134.79	126.57	114.20	119.25	
	Dec	134.79	126.57	114.21	118.28	
2020	Jan	134.79	126.57	114.48	118.78	
	Feb	134.79	126.57	114.48	119.10	
	Mar	134.79	126.57	114.50	120.09	
	Apr	134.79	126.57	114.47	120.02	
	May	134.79	126.57	114.41	120.02	
	Jun	134.79	126.57	114.71	118.95	

Source: PPI 2nd Qtr 2020, NSB

Description				
	Metal products, machinery and equipment	Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services	Business and production services	All Product
	28.75	41.34	4.47	100.00
	141.61	123.39	89.57	125.62
	142.22	123.53	89.57	126.09
	143.95	123.55	89.57	126.05
	144.68	123.92	89.57	126.16
	143.28	123.97	89.57	125.88
	138.31	124.17	89.57	124.71
	140.08	124.95	89.57	125.56
	140.49	124.83	89.57	125.68
	139.04	124.76	89.57	125.32
	132.10	124.75	89.57	123.53
	129.92	124.78	89.57	122.83
	129.01	124.66	89.57	122.57
	126.43	124.66	89.57	122.21
	126.15	124.69	89.57	122.16
	122.46	124.66	89.57	121.22
	121.61	124.66	89.57	121.09
	117.70	124.83	89.57	119.72
	114.30	124.84	89.57	118.80
	114.32	124.82	89.57	118.87
	114.84	124.85	89.57	119.03
	118.93	124.83	89.57	120.07
	124.50	124.84	89.57	121.76
	133.37	124.85	89.57	124.25
	134.80	125.08	89.57	124.88
	133.68	125.21	82.17	124.14
	134.57	125.17	82.17	124.36
	130.62	125.17	82.17	123.14

Table 16.11: Monthly Percentage Change in Producer Price Index (PPI) by Product

Year/Month		Agriculture, Forestry and Fishery Products	Ores and Minerals; Electricity, gas and water	Food products, beverages and tobacco; textiles, apparel and leather products	Other transportable goods, except metal products, machinery and equipment	
Share (%)		0.72	5.81	3.56	15.36	
2016	Jan	0.00	0.01	0.21	0.01	
	Feb	0.00	-0.42	-0.65	0.31	
	Mar	0.00	2.28	0.10	0.31	
	Apr	0.00	-0.68	0.50	-0.28	
	May	0.00	0.00	0.01	0.08	
	Jun	0.00	-0.42	0.08	-0.47	
	Jul	0.00	0.00	1.10	-0.37	
	Aug	0.00	0.00	0.01	0.02	
	Sep	0.00	0.00	0.19	-0.08	
	Oct	0.00	1.03	-0.01	0.58	
	Nov	0.00	0.81	0.04	-1.51	
	Dec	0.00	-0.42	0.02	0.32	
2017	Jan	2.48	1.82	-0.00	-0.14	
	Feb	0.00	1.07	0.00	0.78	
	Mar	0.00	-1.06	-0.04	1.10	
	Apr	0.00	-0.34	0.30	3.36	
	May	0.00	0.06	-0.22	1.01	
	Jun	0.00	-1.29	0.05	0.08	
	Jul	0.00	1.29	0.42	-3.21	
	Aug	0.00	0.29	0.00	-3.62	
	Sep	0.00	-1.13	0.00	1.00	
	Oct	0.00	1.39	-0.07	-1.15	
	Nov	0.00	0.18	0.01	-0.01	
	Dec	0.00	-0.14	0.19	0.00	
2018	Jan	0.00	-4.24	0.45	-0.78	
	Feb	0.00	-0.07	-0.01	0.28	
	Mar	0.00	0.01	0.04	0.34	

Description				
	Metal products, machinery and equipment	Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services	Business and production services	All Product
	28.75	41.34	4.47	100.00
	-0.25	0.04	0.00	-0.05
	-4.17	0.06	0.00	-1.20
	2.86	-0.07	0.00	0.97
	2.77	-0.03	0.00	0.71
	-1.79	0.02	0.00	-0.49
	-0.53	0.02	0.00	-0.24
	-0.79	-0.00	0.00	-0.25
	-1.90	-0.02	0.00	-0.55
	2.22	1.26	0.00	1.15
	-0.14	0.00	0.00	0.11
	0.17	0.05	0.00	-0.12
	1.31	0.02	0.00	0.41
	0.84	6.53	0.00	3.00
	0.04	-0.08	0.00	0.16
	4.22	-0.05	0.00	1.28
	3.35	-0.09	0.00	1.42
	-1.04	-0.01	0.00	-0.15
	-0.15	0.00	0.00	-0.10
	-0.37	0.00	0.00	-0.52
	-1.73	-0.03	0.00	-1.06
	2.91	0.03	0.00	0.93
	2.52	0.04	-0.20	0.62
	1.88	-0.01	0.00	0.54
	0.39	-0.09	0.00	0.07
	13.59	-0.88	0.00	2.99
	2.78	0.04	0.00	0.85
	-2.41	0.04	0.00	-0.63

cont...

Table 16.11 cont...

Year/Month		Agriculture, Forestry and Fishery Products	Ores and Minerals; Electricity, gas and water	Food products, beverages and tobacco; textiles, apparel and leather products	Other transportable goods, except metal products, machinery and equipment	
Share (%)		0.72	5.81	3.56	15.36	
2018	Apr	0.00	1.76	-0.12	0.37	
	May	0.00	0.56	-0.06	1.14	
	Jun	0.00	-0.31	0.00	-2.39	
	Jul	0.00	-0.15	0.17	-1.16	
	Aug	0.00	0.82	-0.01	-0.04	
	Sep	0.00	-0.65	-0.03	0.37	
	Oct	0.00	-0.02	-0.01	0.34	
	Nov	0.00	0.23	-0.00	0.30	
	Dec	0.00	-0.06	-0.02	0.23	
2019	Jan	0.00	0.48	0.19	-0.01	
	Feb	0.00	-0.21	0.00	-0.54	
	Mar	0.00	-0.23	-0.00	0.25	
	Apr	0.00	0.37	0.25	1.70	
	May	0.00	0.00	0.00	0.09	
	Jun	0.00	0.00	-0.02	0.60	
	Jul	0.00	0.82	-0.00	0.26	
	Aug	0.00	-0.64	0.00	-1.37	
	Sep	0.00	-0.40	-0.00	0.58	
	Oct	0.00	0.78	0.19	0.06	
	Nov	0.00	0.00	-0.01	-0.04	
	Dec	0.00	0.00	0.00	-0.81	
2020	Jan	0.00	0.00	0.24	0.42	
	Feb	0.00	0.00	-0.01	0.27	
	Mar	0.00	0.00	0.02	0.82	
	Apr	0.00	0.00	-0.02	-0.05	
	May	0.00	0.00	-0.05	-0.00	
	Jun	0.00	0.00	0.27	-0.89	

Source: PPI 2nd Qtr 2020, NSB

Description				
	Metal products, machinery and equipment	Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services	Business and production services	All Product
	28.75	41.34	4.47	100.00
	0.04	0.04	0.00	0.18
	0.43	0.11	0.00	0.37
	1.22	0.01	0.00	-0.04
	0.51	0.18	0.00	0.04
	-0.97	0.05	0.00	-0.22
	-3.47	0.15	0.00	-0.93
	1.29	0.63	0.00	0.68
	0.29	-0.10	0.00	0.10
	-1.03	-0.05	0.00	-0.29
	-4.99	-0.00	0.00	-1.43
	-1.65	0.03	0.00	-0.56
	-0.70	-0.10	0.00	-0.22
	-2.00	-0.00	0.00	-0.29
	-0.22	0.02	0.00	-0.04
	-2.93	-0.02	0.00	-0.77
	-0.69	0.00	0.00	-0.11
	-3.21	0.13	0.00	-1.13
	-2.89	0.01	0.00	-0.77
	0.02	-0.02	0.00	0.06
	0.45	0.02	0.00	0.13
	3.56	-0.01	0.00	0.88
	4.68	0.01	0.00	1.40
	7.12	0.01	0.00	2.04
	1.08	0.18	0.00	0.51
	-0.83	0.10	-8.26	-0.59
	0.66	-0.03	0.00	0.18
	-2.93	0.00	0.00	-0.98

Table 16.12: Annual Percentage Change in Producer Price Index (PPI) by Product

Year/Month		Agriculture, Forestry and Fishery Products	Ores and Minereals; Electricity, gas and water	Food products, beverages and tobacco; textiles, apparel and leather products	Other transportable goods, except metal products, machinery and equipment	
Share (%)		0.72	5.81	3.56	15.36	
2016	Jan	17.04	4.75	0.28	6.47	
	Feb	17.04	3.84	-0.51	6.80	
	Mar	17.04	7.10	-0.14	5.67	
	Apr	17.04	6.08	0.25	4.57	
	May	17.04	5.74	0.34	4.66	
	Jun	17.04	5.05	0.41	4.38	
	Jul	0.00	3.95	1.02	4.69	
	Aug	0.00	3.65	1.18	4.91	
	Sep	0.00	3.46	1.47	4.71	
	Oct	0.00	2.40	1.62	-0.02	
	Nov	0.00	3.00	1.63	-1.54	
	Dec	0.00	2.39	1.61	-1.08	
2017	Jan	2.48	4.83	1.39	-1.23	
	Feb	2.48	6.39	2.05	-0.77	
	Mar	2.48	2.89	1.90	0.01	
	Apr	2.48	2.48	1.70	3.66	
	May	2.48	2.54	1.47	4.62	
	Jun	2.48	1.65	1.44	5.20	
	Jul	2.48	2.96	0.76	2.20	
	Aug	2.48	3.25	0.75	-1.52	
	Sep	2.48	2.09	0.56	-0.46	
	Oct	2.48	2.46	0.50	-2.17	
	Nov	2.48	1.83	0.47	-0.68	
	Dec	2.48	2.11	0.63	-1.00	
2018	Jan	0.00	-3.97	1.09	-1.63	
	Feb	0.00	-5.06	1.08	-2.12	
	Mar	0.00	-4.02	1.16	-2.85	
	Apr	0.00	-2.00	0.74	-5.67	

Description				
	Metal products, machinery and equipment	Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services	Business and production services	All Product
	28.75	41.34	4.47	100.00
	1.48	1.46	0.00	2.40
	-1.93	1.38	0.00	1.34
	1.41	1.28	0.00	2.31
	8.50	1.20	0.00	4.07
	7.47	1.16	0.00	3.77
	7.12	1.18	0.00	3.60
	-8.47	0.22	0.00	-1.48
	-10.00	0.11	0.00	-1.98
	-7.67	1.31	0.00	-0.80
	-5.20	1.36	0.00	-0.78
	1.46	1.36	0.00	0.97
	-0.49	1.35	0.00	0.44
	0.60	7.92	0.00	3.53
	5.02	7.78	0.00	4.95
	6.41	7.80	0.00	5.28
	7.01	7.75	0.00	5.98
	7.83	7.71	0.00	6.34
	8.24	7.69	0.00	6.48
	8.70	7.69	0.00	6.19
	8.89	7.68	0.00	5.66
	9.62	6.37	0.00	5.42
	12.54	6.41	-0.20	5.97
	14.47	6.35	-0.20	6.67
	13.43	6.22	-0.20	6.31
	27.77	-1.16	-0.20	6.29
	31.27	-1.04	-0.20	7.03
	22.92	-0.95	-0.20	5.01
	18.99	-0.83	-0.20	3.73

cont...

Table 16.12 cont...

Year/Month		Agriculture, Forestry and Fishery Products	Ores and Minerals; Electricity, gas and water	Food products, beverages and tobacco; textiles, apparel and leather products	Other transportable goods, except metal products, machinery and equipment	
Share (%)		0.72	5.81	3.56	15.36	
2018	May	0.00	-1.51	0.90	-5.55	
	Jun	0.00	-0.54	0.85	-7.88	
	Jul	0.00	-1.95	0.59	-5.93	
	Aug	0.00	-1.43	0.59	-2.44	
	Sep	0.00	-0.95	0.56	-3.04	
	Oct	0.00	-2.33	0.62	-1.58	
	Nov	0.00	-2.29	0.61	-1.28	
	Dec	0.00	-2.21	0.40	-1.06	
2019	Jan	0.00	2.62	0.14	-0.30	
	Feb	0.00	2.48	0.16	-1.12	
	Mar	0.00	2.23	0.12	-1.20	
	Apr	0.00	0.82	0.49	0.11	
	May	0.00	0.26	0.55	-0.93	
	Jun	0.00	0.57	0.53	2.11	
	Jul	0.00	1.55	0.37	3.58	
	Aug	0.00	0.07	0.37	2.21	
	Sep	0.00	0.32	0.41	2.42	
	Oct	0.00	1.12	0.60	2.14	
	Nov	0.00	0.89	0.59	1.79	
	Dec	0.00	0.95	0.61	0.74	
2020	Jan	0.00	0.47	0.67	1.18	
	Feb	0.00	0.68	0.66	2.01	
	Mar	0.00	0.91	0.68	2.59	
	Apr	0.00	0.54	0.40	0.81	
	May	0.00	0.54	0.34	0.72	
	Jun	0.00	0.54	0.63	-0.77	

Source: PPI 2nd Qtr 2020, NSB

Description				
	Metal products, machinery and equipment	Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services	Business and production services	All Product
	28.75	41.34	4.47	100.00
	20.76	-0.71	-0.20	4.27
	22.41	-0.70	-0.20	4.35
	23.49	-0.52	-0.20	4.93
	24.45	-0.44	-0.20	5.81
	16.73	-0.32	-0.20	3.87
	15.32	0.27	0.00	3.93
	13.52	0.19	0.00	3.47
	11.91	0.23	0.00	3.10
	-6.39	1.11	0.00	-1.33
	-10.43	1.09	0.00	-2.71
	-8.86	0.95	0.00	-2.30
	-10.72	0.91	0.00	-2.77
	-11.30	0.81	0.00	-3.17
	-14.93	0.78	0.00	-3.88
	-15.95	0.60	0.00	-4.02
	-17.85	0.69	0.00	-4.89
	-17.36	0.54	0.00	-4.74
	-18.39	-0.10	0.00	-5.33
	-18.25	0.02	0.00	-5.30
	-14.46	0.06	0.00	-4.19
	-5.76	0.07	0.00	-1.43
	2.65	0.05	0.00	1.15
	4.49	0.34	0.00	1.89
	5.74	0.44	-8.26	1.58
	6.67	0.39	-8.26	1.80
	6.66	0.41	-8.26	1.59

This chapter presents the details of crime statistics by various categories and nature of crimes reported and registered by Royal Bhutan Police (RBP). The Crime and Criminal Information System (CCIS) maintained by RBP is the main source of data for crime statistics. The police personnel working in various Divisions and Police Stations enter the data in this system as and when the crime is registered in their jurisdiction. The data covers: (a) Type of crime, age and gender of offender; (b) Place of occurrence and time of occurrence; (c) Person killed and injured; (d) Case charge-sheeted; and (e) Conviction report and daily crime report.

Not all crimes that occur are reported to the police or other government agencies. Therefore, there is a gap between the reported crime and the actual incidence of crime occurring on the ground known as dark figure of crime. In order to capture this dark figure as much as possible, the police department is currently in the process of upgrading the existing Crime and Criminal Information System (CCIS) and also plans to conduct separate survey known as victimization survey. Figure 17.1 shows the snapshot of revenue generated through fines imposed on the violation of traffic rules.

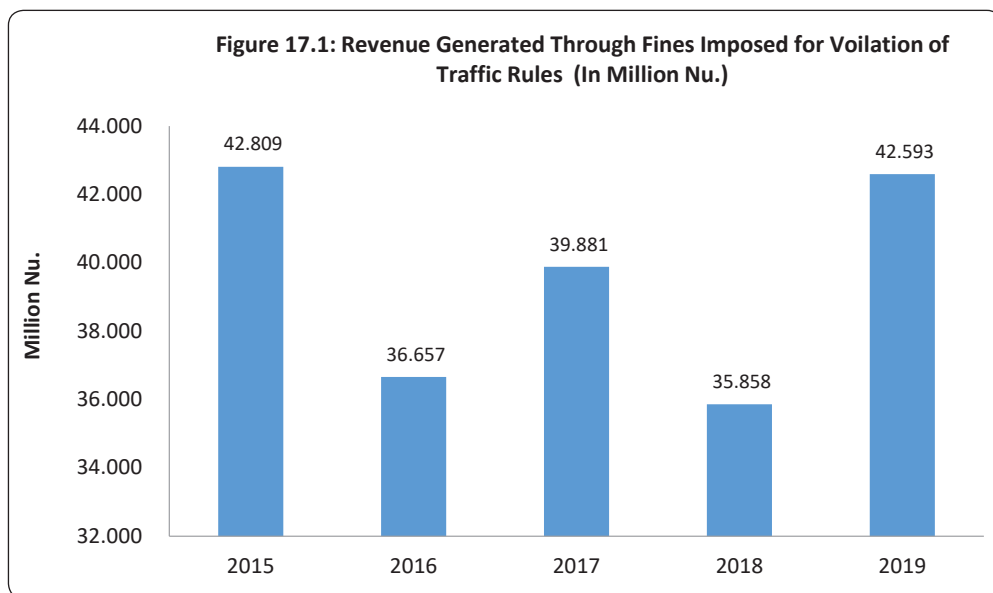


Table 17.1: Types of Offence Recorded, 2015 - 2019

(Number)

Offence Type	2015	2016	2017	2018	2019
Offences Against the Person	548	521	1,143	1,270	1,044
Abandonment of a Dead Infant	1	1	5	2	3
Abandonment of an Infant or a Child	1	1	5	1	5
Assault	13	16	48	40	29
Battery	439	400	980	1,098	895
Bestiality	0	0	1	1	2
Child abuse	0	0	0	1	0
Child Molestation	7	8	16	15	16
Criminal attempt to Involuntary Manslaughter	2	0	0	0	1
Criminal attempt to Murder	1	2	1	0	1
Criminal attempt to Rape	8	10	6	8	2
Criminal attempt to Rape of a Child above Twelve Years of age	3	3	1	2	1
Criminal attempt to Rape of a Married Person	6	1	0	3	2
Criminal attempt to Statutory Rape	5	1	3	2	2
Criminal attempt to Voluntary Manslaughter	1	2	0	4	2
Criminal Elopement	1	1	1	0	1
Endangerment of a Child	0	0	1	3	1
Escape From Lawful Custody	0	2	1	4	3
Gang Rape	0	0	2	1	1
Gang Rape of a Child Below 12 Years of age	0	1	0	0	0
Gang Rape of a Married Person	0	1	0	0	1
Illegal abortion	0	0	2	1	0
Incest	1	0	1	0	0
Indecent Exposure	0	1	0	0	1
Infringement of Movement	1	0	0	0	0
Involuntary Manslaughter	3	6	3	6	2
Kidnapping	1	1	0	0	0
Marital Rape	0	0	0	1	0
Murder	8	6	10	7	6
Negligent Homicide	1	0	0	2	1
Rape	4	6	5	8	1
Rape of a Child above 12 Years of age	23	29	23	30	40
Rape of a Married Person	3	2	6	3	3

cont...

Table 17.1 cont...

Offence Type	2015	2016	2017	2018	2019
Rape of a Pregnant Women	0	1	1	0	0
Reckless Endangerment	4	1	4	3	5
Sexual Harassment	4	8	7	13	9
Statutory Rape	3	5	2	6	8
Trafficking a Person	0	2	1	1	0
Trafficking of a Child	0	0	1	1	0
Un-Natural Sex	1	0	3	1	0
Voluntary Manslaughter	3	3	3	2	0
Offences against Property	845	888	1,863	1,938	1,904
Armed Robbery	2	1	5	3	2
Arson	2	6	1	5	6
Auto Stripping	37	76	255	153	170
Breach of Trust	18	9	22	7	11
Burglary	344	322	431	369	383
Criminal attempt to armed Robbery	0	1	0	1	0
Criminal attempt to arson	1	0	2	3	0
Criminal attempt to Burglary	12	11	32	20	12
Criminal attempt to Larceny	14	3	12	5	4
Criminal attempt to Robbery	0	0	0	1	0
Criminal Misappropriation of Property	2	3	2	4	4
Extortion	1	2	0	0	0
Larceny	357	381	867	892	735
Larceny By Deception	22	23	38	41	32
Larceny of Property Lost, Misaid, or Delivered by Mistake	0	1	127	340	474
Negligent Burning or Exploding	0	0	3	0	1
Pick Pocketing	3	4	16	8	4
Reckless Endangerment of Property	0	5	8	16	10
Robbery	21	24	12	35	24
Theft of Service	1	2	7	19	17
Trespass	6	9	15	9	11
Unauthorized Used of Property	2	5	8	7	4
Commercial Crime, Fraud, Corruption and Related Offences	52	60	69	89	158
Black Mail	0	0	0	1	0

cont...

Table 17.1 cont...

Offence Type	2015	2016	2017	2018	2019
Bribery	1	3	0	1	0
Counterfeiting	4	1	2	3	0
Criminal attempt to Deceptive Practice	0	0	0	1	0
Criminal attempt to Smuggling	0	0	0	1	0
Deceptive Practice	8	16	6	25	33
Defamation	8	3	7	6	10
Embezzlement	0	2	4	4	6
Execution of a Document By Deception	1	1	0	0	0
Forgery	12	15	24	12	23
Fraudulent Cheque Writing	10	9	13	23	61
Fraudulent Insolvency	0	0	0	0	1
Libel	0	1	6	3	5
Money Laundering	0	1	0	4	0
Official Misconduct	1	1	0	0	1
Smuggling	7	7	6	5	17
Tampering With Documents	0	0	1	0	1
Offences against State and Public order	256	197	342	303	235
Abandonment of a Person In Danger	0	1	0	0	0
Caretaker'S Negligence Causing Loss or Larceny of Ku, Sung, Thuk-Ten, Zung or antique	0	1	3	1	1
Criminal attempt to offence against Ku, Sung, Thuk-Ten or Zung	9	4	12	13	2
Criminal Nuisance	0	1	0	0	1
Damage to Cultural or National Heritage Property and National Monuments	0	1	0	0	0
Damage to Religious Objects	1	0		0	1
Disorderly Conduct	3	2	2	2	5
Endangerment of a Public Water Source	0	1	0	0	1
Failure to assist Lawful authority	0	0	1	0	0
Gambling	3	2	24	28	8
Harassment	28	19	58	76	64
Illegal Immigration	0	0	0	0	4
Illegal Purchase or Sale of an antique	1	1	1	1	1

cont...

Table 17.1 cont...

Offence Type	2015	2016	2017	2018	2019
Illegal Purchase or Sale of Ku-Sung-Thuk-Ten or Zungs	2	0	0	0	0
Illegal Sale of alcohol	1	0	0	0	0
Illegal Transportation of Immigrant	0	0	0	1	0
Impersonation of an official	2	2	0	2	2
Impersonation of Uniformed Personnel	0	0	0	0	1
Larceny of antique	1	3	3	4	6
Lewd and Lascivious Conduct	0	0	0	0	1
Malicious Mischief	60	55	84	66	48
Obstruction of Lawful authority	9	3	10	14	5
Obstruction of Public Service	0	0	1	0	0
Obstruction of Thoroughfare	2	0	2	0	1
Offence against The Ku, Sung, Thuk-Ten, or Zung	129	94	129	82	79
Patronizing a Prostitute	1	0	0	1	3
Promotion of Civil Unrest	0	0	0	1	1
Promotion of Prostitution	0	0	0	1	0
Prostitution	0	0	2	0	0
Prowling	0	2	1	1	0
Public Intoxication	2	3	5	2	0
Reporting of False Information	1	2	3	2	0
Sedition	0	0	0	3	0
Tampering With a Dead Body	1	0	1	1	0
Terrorism	0	0	0	1	0
Miscellaneous Offences	319	63	68	45	29
Computer Pornography	0	3	5	3	2
Display of Weapon	15	12	22	31	17
False alarm	0	0	0	3	0
Illegal Hunting or Fishing	0	2	2	3	2
Illegal Manufacturing of a Fire arms, ammunition, Explosive or Other Lethal Weapons	0	1	0	0	0
Illegal Possession of a Firearm, ammunition, Explosive, or Other Lethal Weapon	2	4	7	4	1
Illegal Sale and Use of Harmful Chemical Substance	5	1	0	0	2

cont...

Table 17.1 cont...

Offence Type	2015	2016	2017	2018	2019
Illegal Sale or Purchase of a Firearm, ammunition, Explosive or Other Lethal Weapons	0	0	1	0	0
Illegal Transaction of Controlled Substances	33	9	0	0	3
Possession of a Controlled Substance	263	19	11	0	2
Risking The Protected Species	1	0	0	1	0
Sale of a Prescription For a Controlled Substances	0	12	19	0	0
Tampering With Computer Materials	0	0	1	0	0
Narcotic Drugs, Psychotropic Substances and Substance abuse	...	316	555	620	667
Illegal cultivation, domestication or harvest of cannabis and its derivatives	...	1	0	1	0
Illegal Diversion of Precursor Chemicals	...	0	0	0	1
Illegal Possession of Cannabis and Its Derivatives	...	43	58	41	7
Illegal Possession of Narcotics Drugs and Psychotropic Substances	...	14	11	3	6
Illegal Sale of Inhalants or Solvents	...	0	0	0	2
Illicit activities Involving Equipment and Materials	...	0	0	0	1
Illicit Trafficking of Cannabis and Its Derivatives	...	46	41	3	28
Illicit Trafficking of Narcotic Drugs and Psychotropic Substances	...	190	200	151	157
Illicit Trafficking of Precursor Chemicals	...	0	0	0	2
Non-Compliance With License	...	0	0	0	1
Offence of Substance abuse	...	22	245	419	455
Offence of Substance abuse By Minor	...	0	0	0	7
Sale or distribution of inhalants or solvents to minors	...	0	0	2	0
Tobacco Related offences, offence against Child and Other offences	35	48	40	45	48
Aiding and abetting	0	1	1	0	0
Child battery	0	0	0	7	4
Criminal Conspiracy	0	0	1	0	0
Cruelty to a Child	0	0	0	0	1
Conveyances of unauthorized articles	1	0	0	0	
Emotional abuse	0	0	0	0	2

cont...

Table 17.1 cont...

Offence Type	2015	2016	2017	2018	2019
Smuggling of tobacco and tobacco product	33	47	37	12	13
Solicitation	1	0	1	0	0
Tobacco related offence	0	0	0	26	28
Grand Total	2,055	2,093	4,080	4,310	4,085

Source : Crime & Operations, Royal Bhutan Police, Thimphu.

Table 17.2: Types of Non-Criminal Incidents Recorded, 2015 - 2019

(Number)

Other Non-Penal Incidents	2015	2016	2017	2018	2019
Accidental Death	39	44	58	56	57
Accidental Injury	1	0	0	0	0
Drowning	17	20	20	21	30
Fire accident	45	51	88	100	94
Missing of Person	78	60	178	162	190
Un-Natural Death	33	57	32	49	24
Suicide	77	89	103	91	104
Attempt to Suicide	24	31	39	35	28
Grand Total	314	352	518	514	527

Source : Crime & Operations, Royal Bhutan Police, Thimphu.

Table 17.3: Number of Person Arrested by Offence and Age Group, 2019.

Offence	13 - 18	19 - 24	25 - 30	31 - 36	37 - 42	43 - 48	49 +	Total
Abandonment of a Dead Infant	0	2	0	0	0	0	0	2
Abandonment of An Infant or A Child	0	2	1	1	0	0	0	4
Arson	0	1	0	1	0	0	0	2
Assault	0	5	7	4	5	4	4	29
Auto Stripping	9	14	17	3	1	1	2	47
Battery	74	219	275	169	118	55	71	981
Bestiality	0	1	1	0	0	0	0	2
Breach of Trust	0	2	5	0	0	1	0	8
Burglary	25	35	25	19	5	5	2	116
Buy tobacco or tobacco Products	0	0	0	0	1	0	0	1
Caretaker's Negligence Causing Loss or Larceny of Ku, Sung, Thuk-Ten, Zung or Antique	0	0	0	0	0	0	1	1
Child Battery	0	0	1	1	1	0	0	3
Child Molestation	2	3	1	1	2	1	4	14
Computer Pornography	0	0	0	1	0	0	0	1
Criminal Attempt to Burglary	3	4	1	0	0	0	0	8
Criminal Attempt to Involuntary Manslaughter	0	1	0	0	0	0	0	1
Criminal Attempt to Larceny	0	5	2	2	0	0	0	9
Criminal Attempt to Murder	0	0	1	0	0	0	0	1
Criminal Attempt to Rape	0	0	1	1	0	0	0	2
Criminal Attempt to Rape of A Child Above Twelve Years of Age	0	0	0	0	1	0	0	1
Criminal Attempt to Rape of A Married Person	0	2	1	0	0	0	0	3
Criminal Attempt to Statutory Rape	1	0	0	0	1	0	0	2

cont...

Table 17.3 cont...

Offence	13 - 18	19 - 24	25 - 30	31 - 36	37 - 42	43 - 48	49 +	Total
Criminal Attempt to Voluntary Manslaughter	0	0	0	2	0	0	0	2
Criminal Elopement	0	0	0	0	1	0	0	1
Criminal Misappropriation of Property	0	0	0	1	2	1	0	4
Criminal Nuisance	0	0	0	0	1	0	0	1
Cruelty to a Child	0	0	1	0	0	0	0	1
Cultivate, Harvest or Manufacture tobacco or tobacco Products	0	0	0	0	0	1	0	1
Damage to Religious Objects	0	0	1	0	0	0	0	1
Deceptive Practice	1	5	4	1	2	1	3	17
Defamation	0	0	3	2	2	0	1	8
Disorderly Conduct	1	3	1	0	0	0	0	5
Display of Weapon	3	7	1	0	4	1	4	20
Embezzlement	0	1	2	3	0	0	1	7
Emotional Abuse	0	0	0	2	0	0	0	2
Endangerment of A Child	0	0	0	1	0	0	0	1
Escape From Lawful Custody	0	0	3	0	1	0	0	4
Forgery	0	3	8	8	6	1	2	28
Fraudulent Cheque Writing	0	0	3	9	8	4	4	28
Fraudulent Insolvency	0	0	1	0	0	0	0	1
Gambling	0	1	7	13	7	8	10	46
Gang Rape	3	1	0	0	0	0	0	4
Gang Rape of a Married Person	2	0	0	0	0	0	0	2
Harassment	0	10	13	15	8	5	4	55
Illegal Diversion of Precursor Chemicals	1	0	1	0	0	0	0	2
Illegal Hunting or Fishing	0	0	1	1	0	1	0	3
Illegal Immigration	0	1	6	4	2	1	0	14

cont...

Table 17.3 cont...

Offence	13 - 18	19 - 24	25 - 30	31 - 36	37 - 42	43 - 48	49 +	Total
Illegal Possession of A Firearm, Ammunition, Explosive, or Other Lethal Weapon	0	0	0	1	0	0	0	1
Illegal Possession of Cannabis And Its Derivatives	1	3	3	3	0	1	0	11
Illegal Possession of Narcotics Drugs And Psychotropic Substances	0	4	3	1	0	1	0	9
Illegal Possession of tobacco Products	1	0	0	2	0	0	0	3
Illegal Purchase or Sale of An Antique	0	0	0	2	0	0	0	2
Illegal Sale And Use of Harmful Chemical Substance	0	0	1	0	1	0	0	2
Illegal Sale of Inhalants or Solvents	3	3	0	0	0	0	0	6
Illegal Trafficking of Narcotics Drugs And Psychotropic Substances	4	20	35	21	1	0	0	81
Illegal Transaction of Controlled Substances	1	1	1	1	0	1	0	5
Illicit Activities Involving Equipment And Materials	0	1	1	0	0	0	0	2
Illicit Trafficking of Cannabis And Its Derivatives	3	13	8	9	7	5	2	47
Illicit Trafficking of Narcotic Drugs And Psychotropic Substances	5	57	73	29	8	5	0	177
Illicit Trafficking of Precursor Chemicals	0	1	0	1	0	0	0	2
Illicit Trafficking of tobacco Product	0	0	0	2	0	0	0	2
Impersonation of An official	0	0	0	1	1	0	0	2
Impersonation of Uniformed Personnel	0	0	0	0	1	0	0	1

cont...

Table 17.3 cont...

Offence	13 - 18	19 - 24	25 - 30	31 - 36	37 - 42	43 - 48	49 +	Total
Indecent Exposure	0	0	0	0	1	0	0	1
Involuntary Manslaughter	0	3	2	2	0	0	0	7
Larceny	35	115	93	75	45	20	18	401
Larceny By Deception	0	3	3	2	2	0	1	11
Larceny of Antique	0	0	3	3	3	0	1	10
Larceny of Property Lost, Mislaid, or Delivered By Mistake	5	17	8	6	7	2	3	48
Lewd And Lascivious Conduct	0	0	1	1	0	0	0	2
Libel	0	1	1	2	0	1	0	5
Malicious Mischief	3	16	4	5	4	2	3	37
Murder	1	7	6	6	3	2	0	25
Negligent Homicide	0	0	1	0	1	0	0	2
Non-Compliance With License	1	2	0	0	0	0	0	3
Obstruction of Lawful Authority	1	1	3	5	0	0	1	11
Obstruction of Thoroughfare	0	0	3	4	0	2	0	9
offence Against The Ku, Sung, Thuk-Ten, or Zung	1	2	0	1	0	0	2	6
offence of Substance Abuse	283	403	159	50	8	1	0	904
offence of Substance Abuse By Minor	22	4	0	0	0	0	0	26
official Misconduct	0	0	1	0	0	0	0	1
Patronizing A Prostitute	0	7	7	1	2	3	0	20
Pick Pocketing	2	1	0	0	0	0	0	3
Possess tobacco or tobacco Products Without Proof of Tax And Duty Payments or Beyond The Permissible Quantity And Type Determined By Parliament	0	0	1	4	1	1	4	11
Possession of A Controlled Substance	0	0	0	1	0	0	0	1
Promotion of Civil Unrest	0	0	0	1	0	0	0	1

cont...

Table 17.3 cont...

Offence	13 - 18	19 - 24	25 - 30	31 - 36	37 - 42	43 - 48	49 +	Total
Rape	0	1	0	0	0	0	0	1
Rape of A Child Above 12 Years of Age	5	19	6	2	2	2	2	38
Rape of A Married Person	0	1	1	0	0	0	1	3
Reckless Endangerment	0	0	2	1	0	0	1	4
Reckless Endangerment of Property	0	2	5	0	1	1	1	10
Robbery	5	2	4	0	1	0	0	12
Sell or Distribute tobacco or tobacco Products	0	0	4	7	3	1	0	15
Sexual Harassment	0	3	1	4	2	0	0	10
Smuggling	0	2	9	22	10	13	8	64
Smuggling of tobacco And tobacco Products	0	2	4	5	4	0	0	15
Statutory Rape	6	1	1	1	0	0	0	9
Tampering With Documents	0	0	1	1	0	0	0	2
Theft of Service	0	2	5	0	2	0	1	10
Trespass	1	3	4	1	0	0	1	10
Unauthorized Used of Property	1	1	1	0	0	0	0	3
Total	515	1,052	864	551	300	155	163	3,600

Source : Crime & Operations, Royal Bhutan Police, Thimphu.

Table 17.4: Monthly Motor Vehicle Accident by Dzongkhag, 2019

(Number)

Dzongkhag	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Bumthang	0	1	2	0	1	0	0	0	0	1	0	1	6
Chukha	27	26	26	35	20	35	43	15	37	31	24	28	347
Dagana	2	0	3	2	3	0	2	1	1	1	2	2	19
Gasa	0	0	0	0	0	0	5	0	0	0	0	1	6
Haa	2	1	0	3	5	0	3	3	4	5	0	6	32
Lhuentse	0	0	1	0	0	3	0	1	1	1	0	0	7
Mongar	2	1	0	0	1	1	0	1	1	0	4	2	13
Paro	19	25	23	14	18	7	11	13	7	20	16	20	193
Penagatshel	1	0	1	2	6	4	3	6	3	6	4	4	40
Punakha	2	6	2	9	2	11	8	6	7	10	6	7	76
Samdrup Jongkhar	3	2	2	1	2	1	0	1	1	2	3	4	22
Samtse	7	2	1	2	2	3	3	3	5	3	3	10	44
Sarpang	4	6	3	7	3	3	4	3	7	6	3	3	52
Thimphu	32	42	71	39	38	37	40	27	50	18	24	51	469
Trashigang	2	4	5	1	2	4	1	1	2	4	1	1	28
Trashiyangtse	0	2	1	0	3	0	1	2	1	2	0	0	12
Trongsa	0	0	0	5	3	1	0	1	1	1	1	0	13
Tsirang	7	7	4	3	0	3	2	2	4	1	1	3	37
Wangdue Phodrang	3	7	3	3	2	5	3	3	2	6	0	1	38
Zhemgang	2	0	0	4	3	3	0	0	2	0	2	1	17
Bhutan	115	132	148	130	114	121	129	89	136	118	94	145	1,471

Source : Thimphu Traffic Division, Royal Bhutan Police, Thimphu.

Table 17.5: Motor Vehicle Accident by Dzongkhag, 2015 - 2019

(Number)

Dzongkhag	2015	2016	2017	2018	2019
Bumthang	2	1	4	21	6
Chhukha	61	36	44	296	347
Dagana	2	1	2	10	19
Gasa	0	0	2	2	6
Haa	2	1	0	21	32
Lhuentse	2	2	3	2	7
Monggar	10	10	10	47	13
Paro	16	61	174	172	193
Pema Gatshel	7	3	0	12	40
Punakha	2	4	5	9	76
Samdrup Jongkhar	18	8	12	46	22
Samtse	3	9	21	37	44
Sarpang	9	12	27	27	52
Thimphu	539	528	506	460	469
Trashigang	9	16	21	46	28
Trashi Yangtse	1	3	4	6	12
Trongsa	7	6	4	13	13
Tsirang	1	3	7	59	37
Wangdue Phodrang	16	14	13	55	38
Zhemgang	8	8	3	19	17
Bhutan	715	726	862	1,360	1,471

Source: Crime & Operations, Royal Bhutan Police, Thimphu.

Table 17.6: Number of Motor Vehicle Accidents by Causes, 2019

Causes	2019
Driver/Cyclist/Biker error	
Over speeding	144
Drunk driving	190
Using cell phone	0
Tailgating	103
Not keeping left	78
Not giving right of way	61
Unsafe overtaking	54
Unlicensed driving	85
Reverse when unsafe	48
Unsafe U-turn	19
Sleep-deprived driving	0
Others	653
Road Condition	
Potholes	4
Damaged road	0
Slippery/Icy surface	7
Sinking road	6
Falling boulders	31
Landslide	5
Illegal speed breaker	0
Improper conning of construction area	1
Others	55
Weather Condition	
Heavy rain	50
Snow	6
Fog	33
Windstorm	2
Hailstorm	0
Others	9
Vehicle	
Brake failure	37
Steering failure	15

cont...

Table 17.6 cont...

Causes	2019
Tire burst	3
Insufficient headlights	0
Overloading	4
Others	27
Pedestrian	
Crossing on wrong place	0
Darting into street to collect an item	0
Others	0
Passenger	
Projecting their body outside vehicle	0
Catching a running vehicle	0
Others	0

Source: Thimphu Traffic Division, Royal Bhutan Police, Thimphu.

Table 17.7: Fines Imposed for Violation of Traffic Rules by Division, 2015 - 2019

(In Million Nu.)

Division/Dzongkhag	2015	2016	2017	2018	2019
Division I (Paro & Haa)	2.359	2.209	2.046	2.573	2.730
Division II (Punakha & Gasa)	0.504	1.798	1.515	1.421	1.841
Division III (Chhukha)	4.237	4.296	4.369	5.003	5.580
Division IV (Samtse)	1.935	1.868	1.643	1.613	1.961
Division V (Sarpang & Zhemgang)	1.737	2.163	2.812	3.793	2.846
Division VI (Tsirang & Dagana)	0.891	1.161	1.205	1.469	0.954
Division VII (Trongsa)	0.453	0.503	0.653	0.592	0.413
Division VIII (Samdrupjongkhar & Pemagatshel)	1.700	2.056	1.870	2.602	5.148
Division IX (Trashigang)	0.971	0.707	1.293	0.747	0.732
Division X (Mongar & Lhuentse)	0.754	0.726	0.943	0.850	0.514
Division XI (Thimphu)	18.181	14.605	17.970	11.823	16.260
Division XII (Wangduephodrang)	8.469	3.616	2.971	2.577	2.999
Division XIII (Bumthang)	0.619	0.614	0.437	0.438	0.364
Division XIV (Tashi Yangtse)	...	0.336	0.154	0.357	0.252
Total	42.809	36.657	39.881	35.858	42.593

Source: Traffic Division, Royal Bhutan Police, Thimphu.

List of Dzongkhags, Gewogs and Chiwogs, Bhutan 2019.

Dzongkhag	Gewog	Chiwog
1. Bumthang	1. Chhoekhor	1. NangispheL_ Zangling_ Zhabjethang
		2. Dhur_ Lusibee
		3. Kharsa_ Thangbi
		4. Dawathang_ Dorjibi_ Kashingsawa
		5. Pedtsheling_ Tamzhing
	2. Chhumig	1. Gyaltse
		2. Domkhar
		3. Phurjoen
		4. Zung- Ngae
		5. Choongphel
	3. Tang	1. Tadingang
		2. Khangrab
		3. Kidzom_ Nyimalung
		4. Dazur
		5. Bezur_ Kuenzargdrag
	4. Ura	1. Beteng_ Pangkhar_ Somthrang
		2. Shing-Nyer
		3. Singkhar
		4. Tangsibi
		5. Ura-Dozhi
2. Chhukha	1. Bjagchhog	1. Bjagchhog
		2. Mebisa
		3. Tashi Gatshel
		4. Tsimakha Tsimasham
		5. Wangkha
	2. Bongo	1. Baeyuel Kunzang
		2. Bongo Phasooma
		3. Choongkha Chhasilakha
		4. Gedu Miritsemo
		5. Ketogkha
		6. Togtokha Togtogongm

cont...

Table cont...

Dzongkhag	Chiwog	Chiwog
2. Chhukha	3. Chapchha	1. Bunakha
		2. Dokharchhu Rimtekha
		3. Gangkha Shelyuel
		4. Lang Nyelsa
		5. Pagga
		6. Tshamdrag
	4. Darla	1. Gamanang Kalzangri
		2. Gengu Yagang
		3. Nyimgang Tabji
		4. Samarchen Sinchula
		5. Sharphug
		6. Tagp-thang-boog
	5. Doongna	1. Babana Papaling
		2. Chhulakha Mangdokha
		3. Damchekha Uezhi
		4. Doongna Pagsellhakha
		5. Drukdingsa Khori
	6. Geling	1. Dagpa Sorchhen
		2. Dilibkha Lamjokha
		3. Geling Geygoen
		4. Gelingkha Tsanglina
		5. Kamji Nayekha
	7. Getana	1. Bachhu Getana
		2. Chiyuel Getag
		3. Darga Tshebji
		4. Janamo Phootsha
		5. Tashigang
	8. Loggchina	1. Aamleg Dofam
		2. Chagdokha Damchekha
		3. Dolepchen Bjagchhu
		4. Dzedokha
		5. Mongna Lhasarp
	9. Maedtabkha	1. Gumina Tenchhukha
		2. Jozhingkha Maedtab Toed

cont...

Table cont...

Dzongkhag	Chiwog	Chiwog
2. Chhukha		3. Maedtab Maed
		4. Pangu
		5. Uekha
	10. Phuentshogling	1. Chonggeykha Dophulakha
		2. Deling Marpji
		3. Dophugchen Wangduegatshel
		4. Lingdaen
		5. Pachhu
	11. Samphelling (Bhalujora)	1. Gorgboogang Pangna
		2. Khenpaithang Soramthang
		3. Pedtshelnang
		4. Pekarling Rigzingling
		5. Sengyagang Tshochhoongna
3. Dagana	1. Dorona	1. Dorona Chhewa
		2. Dorona Chhongwa
		3. Maamedthang
		4. Nyimtola
		5. Tshalamji
	2. Drukjegang	1. Ambithang Pangserpo
		2. Budepang Pangna
		3. Pangna Patala
		4. Pangserpo
		5. Thangna
	3. Gesarling	1. Gesarling
		2. Phuensoomgang
		3. Samtengang
		4. Tajoog
		5. Tashithang
	4. Gozhi	1. Baleggang
		2. Dogaag
		3. Gozhi
		4. Gozhi Maed
		5. Gozhi Toed

cont...

Table cont...

Dzongkhag	Gewog	Chiwog
3. Dagana	5. Karmaling (Deorali)	1. Jemathang
		2. Karmaling
		3. Labtsakha
		4. Omchhu
		5. Senchumthang
	6. Karna	1. Bartsha Namgyalgang
		2. Dalithang Gangjab Khago- chen
		3. Jurugang
		4. Lhaling
		5. Purgzhi
	7. Khebisa	1. Akhochen
		2. Gibbsa
		3. Pagser
		4. Pogtog
		5. Thomgang
	8. Largyab	1. Baloong
		2. Barna
		3. Kompa
		4. Sidpa
		5. Thasa
	9. Lhamoi-Dzingkha	1. Chongsamling
		2. Kuendrelthang
		3. Lhamoidzingkha
		4. Loongilsa
		5. Tshaemzhigosa
	10. Nichula	1. Damchhunang
		2. Dangreyboog
		3. Dramzekesa
		4. Gangtogkha
		5. Yarpheing
	11. Tashiding	1. Gangyab
		2. Namchagla
		3. Norbuling

cont...

Table cont...

Dzongkhag	Gewog	Chiwog
3. Dagana	11. Tashiding	4. Shamdolay
		5. Tashiding
	12. Tsangkha	1. Gelegchhu
		2. Goongpa Soomchu
		3. Pateykha
		4. Tsangkha
		5. Zinchila
	13. Tsenda-Gang	1. Gangzur Maed
		2. Gangzur Toed
		3. Norbuzingkha
		4. Samarchu
		5. Tsendagang
	14. Tseza	1. Karlingzingkha
		2. Pelling
		3. Samaed
		4. Tashigang
		5. Tsangleykha
4. Gasa	1. Khamaed	1. Barsha Panikong
		2. Damji
		3. Gayza Zomina
		4. Jabisa
		5. Khailog Tashithang
	2. Khatoed	1. Baychhu Tshedpgang
		2. Chhogley Phulakha
		3. Mani
		4. Rimi
		5. Tsheringkha
	3. Laya	1. Chongra Loobcha
		2. Gayza Lunggo
		3. Neylug
		4. Pazhi
		5. Toedkor
	4. Lunana	1. Lhedi
		2. Raminang Uesana

cont...

Table cont...

Dzongkhag	Gewog	Chiwog
4. Gasa	4. Lunana	3. Shang Threlga Wachey
		4. Thangza Toenchoe
5. Haa	1. Bji	5. Tshozhong
		1. Chenpa_Geychhukha
		2. Choompa_Jamgoen
		3. Gyensa_Tokey
		4. Tsenka_Taloong
		5. Yangthang
	2. Gakidling	1. Dorithasa_Kowkha_Yangtse
		2. Phentena_Serktena
		3. Phootsena_Ngatse
		4. Rangtse_Tanga_Yowkha
		5. Sai-dzong_Thangdokha
	3. Kar-tshog	1. Bali_Mombitshogkha
		2. Dragding_Karjena
		3. Ingo_Pharikha
		4. Kargoen_Hatam
		5. Wangtsa
	4. Samar	1. Balamnang
		2. Dorikha_Langjogang
		3. Jenkanang_Pudunang
		4. Langpa_Norbugang
		5. Shar-ri
	5. Sangbay	1. Anakha_Shepji
		2. Mochhu_Bebji
		3. Nakha_Tashigang
		4. Sangbay Ama
		5. Shema_Yaba
	6. Euesu	1. Betso_Doomchhog
		2. Geyruna_Karnag
		3. Kipri_Tagchhu
		4. Pajekha_Sangkiri
		5. Tshaphel_Tsiloongkha

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Dzongkhag	Gewog	Chiwog
6. Lhuentse	1. Gangzur	1. Ney
		2. Jang_Ngar
		3. Kyidloong_Somshing
		4. Nyimzhong_Tongling
		5. Thrima Shawa_Zhamling
	2. Jarey	1. Artobi Ngangngae
		2. Kharchung
		3. Ladrang
		4. Yabi Zangkhar
		5. Yumchhe
	3. Khoma	1. Babtong_Dragteng
		2. Berpa_Khoma
		3. Gangla_Kholma
		4. Pangkhar
		5. Rolmateng_Tsangngo
	4. Kurtoed	1. Chagdzom_Chhusa
		2. Dungkar
		3. Jasabi_Ugyenphoog
		4. Tabi
		5. Tangroong_Wawel
	5. Maedtsho	1. Bamdhir_Yurung
		2. Gortshom_Tshangthromaed
		3. Obi_Tongthrong
		4. Oonggar
		5. Zhongmaed
	6. Maenbi	1. Kamdhar_Moormo
		2. Maenjabi
		3. Nyabi_Zhungkhar
		4. Phagidoong
		5. Tagmochhu_Gorgan
	7. Minjey	1. Amdrangchhu_Zham
		2. Boodur_Kupinyalsa
		3. Chusa_Legshogang
		4. Draaggong_Jalang
		5. Minjey_Wangzhing

Table cont...

Dzongkhag	Gewog	Chiwog
6. Lhuentse	8. Tsaenkhar	1. Artobadeb_ Guendrang
		2. Autsho_ Chharbi
		3. Dekaling_ Tshochhen
		4. Domkhar_ Umling
		5. Gonyid_ Wambur
7. Monggar	1. Balam	1. Bahkaphai
		2. Balam Morphu
		3. Doongmanma Selkhar
		4. Jadoong Yangbari
		5. Khebishing
	2. Chagsakhar	1. Borphai Chagsakhar
		2. Doongsingma Pam
		3. Kharnang Kheshingra
		4. Yangrapoongshing
		5. Yetong Jarshingpogtor
	3. Chhaling	1. Chhaling Dopang
		2. Chulabi
		3. Pangthang Thempang
		4. Shebchi Yangthang
		5. Wangmakhar Khalangji
	4. Drame dtse	1. Baging Shadang
		2. Bikhar Thoongdari
		3. Drame dtse Shaphangma
		4. Serkhagphoog Yengkhartshing
		5. Zangkhar
	5. Drepoong	1. Bainangri Nyamla
		2. Boompazor Drepoong
		3. Chhagsuzor Tsangkhar
		4. Labtsa Shinggar
		5. Zunglen
	6. Gongdue	1. Baagla Dengkaling
		2. Daagsa Kumadzong
		3. Damkhar Weringla
		4. Phadzong
		5. Pikari Yangbari

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Table cont...

Dzongkhag	Gewog	Chiwog
7. Monggar	7. Jurmed	1. Bilam Dangkila
		2. Kognala Yaragla
		3. Moodoongkhar Tselam
		4. Moogtangkhar Tsangkhazor
		5. Ngamphoog Sangkama
	8. Kengkhar	1. Dogtang Moorooong
		2. Kyidpari Yuldarig
		3. Neykolog Warongborang
		4. Olokid Tsalabi
		5. Phosothong Shingchongri
		6. Tongla Zitsibi
	9. Monggar	1. Gyalpoizhing Wangling
		2. Kidekhar
		3. Koenbar Tagchhu
		4. Phosorong
		5. Themnangbi Kentongri
		6. Wengkhar Yagpoogang
	10. Na-Rang	1. Dongshoom Pangkhang
		2. Gomchhu
		3. Khalong
		4. Narang Pangthang
		5. Thrinangphu
	11. Ngatshang	1. Ngatshaang
		2. Nyingala Phanasi
		3. Phelshoob
		4. Thoombari Zangdari
		5. Yadi Yekhar
	12. Saling	1. Drogzar
		2. Kalapang Resa
		3. Saling
		4. Senggor
		5. Thridangbi
		6. Tsenzabi Masangdaza

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Table cont...

Dzongkhag	Gewog	Chiwog
7. Monggar	13. Shermuhoong	1. Gangmoong
		2. Jabang Thueling
		3. Malang Serzhong
		4. Muhoong Shiling
		5. Soenakhar Yarab
	14. Silambi	1. Daag
		2. Gyalong
		3. Kadag Silambi
		4. Pang Nagor
		5. Wama
	15. Thang-Rong	1. Atola
		2. Bauchhoeling Panglen
		3. Changshing
		4. Lingkhar
		5. Ngaru Pongtang
	16. Tsakaling	1. Drengling Horong
		2. Drongtoed Tormazhong
		3. Kaling Thoomling
		4. Nyartsi Tsakaling
		5. Tagkhambi
	17. Tsamang	1. Baanjar
		2. Drangmaling Nanggor
		3. Ganglapong Maed
		4. Ganglapong Toed
		5. Thuenmong Tokari
8. Paro	1. Dokar	1. Dawakha Tshongkha
		2. Goensakha Phuchhekha
		3. Khamdraag Sali
		4. Mendrel Uesuna
		5. Tenchhekha Tsiphoog
	2. Dopshar-ri	1. Duezhi Jipa
		2. Jangsa Jooka
		3. Jizhigang
		4. Kempa Kuduphoog
		5. Rinchhending Sharri

Table cont...

Dzongkhag	Gewog	Chiwog
8. Paro	3. Doteng	1. Aatsho Phunoob
		2. Chhubar
		3. Jabji Loogchhoed
		4. Joogar Pachhu
		5. Phooshar
	4. Hungrel	1. Chhubjagkha
		2. Gaupel
		3. Goenkha
		4. Hoongrelkha Jangsarbu
		5. Loongchhungna
	5. Lamgong	1. Chhukha
		2. Ngopa Shomo
		3. Tsendonang
		4. Gangjoog Kyidchhu
		5. Jagarthang
	6. Loong-nyi	1. Baangdey
		2. Dzongdraag Gadraag
		3. Jieu Woochhu
		4. Naemjog
		5. Pangbisa
	7. NaJa	1. Bemphu Lingzhi Nagu
		2. Bueltikha Jagoen
		3. Jazhina Tsuengoen
		4. Rangzhingang Tshebji
		5. Wanakha Zursuna
	8. Sharpa	1. Bara Zhunggar
		2. Bjizhikha Phubarna
		3. Chhukha Gangjoogkha
		4. Dochhoeten Neyphu
		5. Drugyaldingkha Zhelngo
	9. Tsento	1. Chhungjey Zamsar
		2. Mitshig Shana
		3. Nyamjey Phangdo
		4. Nyechhu Shari
		5. Soe Yagsa

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Table cont...

Dzongkhag	Gewog	Chiwog
8. Paro	10. Wangchang	1. Changkhar Jangteyina
		2. Changmedthangka Khangkhu
		3. Dungkhar Namkhar
		4. Gebtoed Olathang Tajoog
		5. Mendrel Nakha
9. Pemagatshel	1. Chhimoong	1. Chhimoong
		2. Chhiphoong
		3. Loongkholom
		4. Nyasikhar
		5. Pangthang Redingla
	2. Chhoekhorling	1. Arden
		2. Chhoekhorling Gazawong
		3. Dizama Shoguri
		4. Kerong
		5. Yargyewoong
	3. Chongshing	1. Chongshing Jorphoong
		2. Guyoom Lanangzor
		3. Kamri Yomzor
		4. Maendi
		5. Thongsa
	4. Dechhenling	1. Bidoongri Yangmalashing
		2. Dechhenling Goenpawoong
		3. Doongchhilo Kholomri
		4. Doongphu Shingchongri
		5. Goishing Ridzommo
		6. Namdagling
	5. Dungmaed	1. Bangyuel
		2. Dungmaed Zimzor
		3. Lanyiri Thrumchoong
		4. Serduwa
		5. Woongborang
	6. Khar	1. Bongmaan
		2. Khar Yagyur
		3. Khengzor Labar

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Table cont...

Dzongkhag	Gewog	Chiwog
9. Pemagatshel	6. Khar	4. Nagtseri Shemshem Tsebar
		5. Shinangri
	7. Nanong	1. Gashigkhar Tshatshi
		2. Nanong
		3. Raling
		4. Terphug Woongchhiloo
		5. Tokari
	8. Norboogang	1. Gashari
		2. Maenchhu Nganglam
		3. Norboogang Rinchhenzor
		4. Nyingshingborang
		5. Tshaelshingzor
	9. Shumar	1. Bartseri
		2. Chongmashing Dagor
		3. Goenpoong Shali
		4. Khothagpa Yalang
		5. Nangkor
	10. Yurung	1. Bangdala
		2. Doongsingma Thoongkhar
		3. Khangma
		4. Khominang Yangkhar
		5. Wanglakho Thoonggo
	11. Zobel	1. Choongkhar Pangthangdaza
		2. Maan Tshelinggor
		3. Ngangmalang Zorjoog
		4. Raysinang
		5. Zobel
10. Punakha	1. Barp	1. Chagsa
		2. Gamakha Sebtokha
		3. Sobsokha Yuwakha Zhikha
		4. Tshogkorna
		5. Usakha
	2. Chhuboog	1. Bali
		2. Bumtakha Tenpakha

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Table cont...

Dzongkhag	Gewog	Chiwog
10. Punakha	2. Chhuboog	3. Jangwakha Sewala
		4. Ngoedroobchhu
		5. Yebisa
	3. Dzomi	1. Dzomisa Mendagang
		2. Gubji Tseykakha
		3. Jimithang
		4. Khilikhar Loongkha
		5. Tanag Uesa
	4. Goenshari	1. Draagchhukha
		2. Goomgang
		3. Sechaednang
		4. Yorbo
		5. Zhelngoesa
	5. Guma	1. Baymenang Phulingsoom Wangwakha
		2. Changyuel Loongsilgang Tashijong
		3. Dochhukha Dzomlingthang Ritsa
		4. Guma Wolakha
		5. Lakhu Tshowogm
	6. Kabisa	1. Agonang Zarbisa
		2. Chhoetennyngpo Uesarkha
		3. Heyloog Tongzhoognang
		4. Peltari
		5. Sirang Wakoodamchh
	7. Lingmukha	1. Dompala
		2. Goomkarmo
		3. Lingmukha
		4. Nabchhed
		5. Oomtekha
	8. Shelnga-Bjemi	1. Chongzhi Jarigang Jazhikha
		2. Datong
		3. Gangkha
		4. Khubji Tshosa
		5. Thongbji

Table cont...

Dzongkhag	Gewog	Chiwog
10. Punakha	9. Talog	1. Dongkokhar Yonggu
		2. Gangthramo Labtsakha Soelwadrangsa
		3. Loongnangkha
		4. Norbugang
		5. Talog
	10. Toedwang	1. Dawakha
		2. Jibjo Yuesakha
		3. Kewanang Tsachhuphu
		4. Tamigdamchhu Thangbji
		5. Tsephug Khawakha
	11. Toepaisa	1. Bichhekha Yuelhamo
		2. Damkhyi Rinakha
		3. Dochogla Maenchhuna
		4. Goenmkha Mendrelgang
		5. Lemjakha Thinleygang
11. Samdrup Jongkhar	1. Dewathang	1. Bangtsho
		2. Chhenangri Rishor
		3. Domphoog Dungkharch-hoeling
		4. Martang
		5. Rikhey
	2. Gomdar	1. Broomi Chidoongkhar
		2. Denchhi
		3. Gomdar Richhanglu
		4. Khoyarpangthang Palroong
		5. Narphoong
	3. Langchenphu	1. Agoorthang
		2. Jampani
		3. Jangsa
		4. Langchenphu
		5. Rongchhuthang
	4. Lauri	1. Betseling Doongmanma
		2. Gonong Zangthig
		3. Lauri

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Table cont...

Dzongkhag	Gewog	Chiwog
11. Samdrup Jongkhar	4. Lauri	4. Momring Rolnang
		5. Tshothang
	5. Martshala	1. Chhoedoong Kakani
		2. Galingkhar Wangphoog
		3. Kaeptang Tsholingkhar
		4. Martshala
		5. Sarjoong
		6. Suzor Tshotsalu
	6. Orong	1. Bilam Orong Suzoong
		2. Jangchhubling
		3. Morong
		4. Nabar Philooma
		5. Nagzor Wooling
		6. Rimoong
	7. Pemathang	1. Chirtshosa Loongminang
		2. Kathoobdrang Shilinggye
		3. Pemathang
		4. Raling
		5. Uesarna Warong
	8. Phuentshogthang	1. Baylamsharang
		2. Doongkarling
		3. Khamaedthang
		4. Minjigang
		5. Phuentshogthang
		6. Samdrupchhoeling
	9. Samrang	1. Damsasang Maed
		2. Damsasang Toed
		3. Ngangtshothang Maed
		4. Ngangtshothang Toed
		5. Tshoduen
	10. Serthig	1. Dangtsho Serthig
		2. Drenphoog
		3. Khandophoog Maenjiwoong
		4. Monmola Tashithanggyed
		5. Phagchhog Suskar

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Table cont...

Dzongkhag	Gewog	Chiwog
11. Samdrup Jongkhar	11. Wangphoog	1. Bayuel Pangthang
		2. Benporong Yarpchoog
		3. Sacchilo
		4. Serchhenmo Wangphoog
		5. Shogshi
12. Samtse	1. Doongtoed (Dumtoe)	1. Doongtoed Chhewa
		2. Doongtoed Chhungwa Jarikha
		3. Doongtoed Khaling
		4. Gebji Kuzhuggang
		5. Maedgang
	2. Dophoogchen(Dorokha)	1. Aringgang Midzomsa
		2. Dangreyboog Ngagang
		3. Manigang Thingyersa
		4. Melonggang Thuloonggang
		5. Sangloong Senteng
		6. Singye
	3. Duenchhukha	1. Biloong Pongthra
		2. Dhuenchhukha Gabji
		3. Domchhukha Shitakha
		4. Gawaling Karzhing
		5. Gesarling Yomdeling
	4. Namgaychoeling (Lahireni)	1. Chhunaggang Chhoedleling
		2. Gyalposhing Satsangsa
		3. Namgaychhoeling
		4. Pagshingkha Tshachhugang
		5. Sernyagang Tsholingkhar
	5. Norboogang (Chengmari)	1. Damzhagsa Tsaphelthang
		2. Dawaling Yangphelthang
		3. Dramzedgang Maedgang
		4. Khangduzhi Kyidsa
		5. Lambi Lamjosa
	6. Norgaygang (Bara)	1. Chhugoo Phendegang
		2. Chongzhu Tshachhu

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Table cont...

Dzongkhag	Gewog	Chiwog
12. Samtse	6. Norgaygang (Bara)	3. Dangreyboog Patshaling
		4. Joenpang Lingarnang
		5. Khabaabgang Noryog
		6. Miphelgang Samphelgang
	7. Pemaling (Biru)	1. Chhusilgang Dramedsa
		2. Dizanggang Nakeyling
		3. Manigang Tashithang
		4. Norgeyling Singdregang
		5. Thangchhennang Damtshangna
	8. Phuentshohpelri (Pugli)	1. Chhunag Doomshinggang
		2. Gashingma Ketshaelgang Thongjabi
		3. Jangchhogling Lachhungthang
		4. Nyoenpaling Tingtingma
		5. Tashilakha Uelgyalling
	9. Samtse	1. Damtshangma Khandothang
		2. Dewathang Lamaithang
		3. Lingmaithang Taserpo
		4. Nyimaling Chhirlogsa
		5. Satshamchhu Tshongdzonm
	10. Sa-Ngag-Chhoeling (Chargharey)	1. Chhuchhungsa Karseling
		2. Dephellingmaed Khangzangling
		3. Dephellingtoed Namseling
		4. Joenlegsa Sangngangchhoeling
		5. Ngoedroobling
	11. Tading	1. Dangreyboong Nyindooglakha
		2. Khempagang Panzhing
		3. Norjangsa Zochhaling
		4. Tading Tenpaling
		5. Thongsa Tobchhenthang
	12. Tashichhoeling (Sipsu)	1. Baepoteng Kangdoongphug
		2. Daaling Gangjoog
		3. Dewachen Zhiwaling

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Table cont...

Dzongkhag	Gewog	Chiwog
12. Samtse	13. Tendruk	4. Norjangsa Peljorling
		5. Tashichhoeling
		1. Dawathang Kuengaling
		2. Kachhen Kuchhen
		3. Khengtong Targothang
	14. Ugyentse (Nainital)	4. Miglamthang Thagpzosa
		5. Nyizergang Tendruk
		1. Dangkarling Dechhengang
		2. Dangreyboog Rigpailing
		3. Jarithang
	15. Yoeseltse (Ghumauney)	4. Kardog
		5. Nyimalung Tharpaling
		1. Dungkar
		2. Koenchhogling Soenakha
		3. Pelkithang Rangjoongling
13. Sarpang	1. Chhudzom	4. Rinchenphoog Samtenchhu
		5. Zurigang Jigmedthang
	2. Chhuzaggang	1. Dragchhu
		2. Gaalegthang
		3. Jangchhubling
		4. Lhayuel
		5. Sherabling
	3. Dekiling	1. Barthang
		2. Chagsakhar
		3. Nyimaling Shawapong
		4. Pangzor
		5. Thongjabi Yueling
	4. Gakiling	1. Chhoeckhorling
		2. Dekiling
		3. Gawaithang
		4. Jigmeling
		5. Nubgang
		1. Gakiling
		2. Getemkha

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Table cont...

Dzongkhag	Gewog	Chiwog
13. Sarpang		3. Maenchhulam
		4. Rilangthang
		5. Sangkha
	5. Gelegphu	1. Dzomlingthang
		2. Lekidthang
		3. Pelrithang khamaed
		4. Pelrithang khatoed
		5. Pemathang
	6. Jigme-Chhoeling	1. Chhoetenkhar
		2. Gongduegang
		3. Gongtsekha
		4. Khamaed
		5. Khatoed
		6. Samkhar
	7. Samtenling	1. Chhoekhorling_Dechenpelri
		2. Dechenpelri
		3. Khenpagang
		4. Samteling
		5. Samthenthang
	8. Senggey	1. Labtsakha
		2. Nyenyul
		3. Rishong
		4. Sangyethang
		5. Yarpheing
	9. Serzhong	1. Barshong
		2. Norbuling
		3. Pemayoecling
		4. Sherzhong
		5. Tashiphu
	10. Shompangkha	1. Dargyethang
		2. Gomchola
		3. Koenchhogling
		4. Risoomgang
		5. Shompangkha

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Table cont...

Dzongkhag	Gewog	Chiwog
13. Sarpang	11. Tareythang	1. Dorjitse
		2. Pemachhoeling
		3. Tashichhoeling
		4. Woongchhiloo
		5. Yoezergang
	12. Umling	1. Daangling
		2. Doongmin
		3. Gaden
		4. Rijoog
		5. Tashithang
14. Thimphu	1. Chang	1. Rama
		2. Gangcheb Talakha
		3. Hongtsho
		4. Debsi
		5. Yusipang
	2. Dagala	1. Chamgang Moed
		2. Chamgang Toed
		3. Dungdro
		4. Gaytala
		5. Wangdro
	3. Genekha	1. Chizhi
		2. Genekha
		3. Tshochekha
		4. Wangbama
		5. Zanglakha
	4. Kawang	1. Begana
		2. Choekhor Chamina
		3. Changtagang
		4. Dazhi Zhoshuel
		5. Kuzhugchen
	5. Lingzhi	1. Chakphu
		2. Chhuzarkha
		3. Gangyuel
		4. Khangkidyuel
		5. Shagyuel

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Table cont...

Dzongkhag	Gewog	Chiwog
14. Thimphu	6. Mewang	1. Danglo Namsaeling
		2. Jeminang
		3. Khasadrapchu
		4. Sisinang
		5. Tshaluna
	7. Naro	1. Barshong
		2. Mentsephu
		3. Phagay
		4. Thaksethang
		5. Zhomthang
	8. Soe	1. Damgochong
		2. Dotaapaithang
		3. Jangothang
		4. Jomphu
		5. Dozoten
15. Trashigang	1. Bartsham	1. Bainangkhar Nangkhar
		2. Dzongthong Menchhari
		3. Jamoong Kumoong
		4. Moogtangkhar
		5. Trashang
	2. Bidoong	1. Kakaniwog
		2. Khairi Saling
		3. Lemphang
		4. Tsekhar
		5. Tsigtoom
	3. Kanglung	1. Maanthong
		2. Mertsham Thragom
		3. Pangthang Ritsangdoong
		4. Rongthoong Shingchen
		5. Yonphoogla
	4. Kangpar	1. Bedengphoog Merdag
		2. Kangpar Lamyong
		3. Passaphoog Peydoong
		4. Threlphoog
		5. Zordoong

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Table cont...

Dzongkhag	Gewog	Chiwog
15. Trashigang	5. Khaling	1. Barshong
		2. Bayphoog Togkaphu
		3. Brekha Meringzor
		4. Gomchhu Kholdoong
		5. Jiri Lemi
		6. Khaling
	6. Lumang	1. Chhengri Doongmanma
		2. Drubkhang Lumang
		3. Kharphoog Kurchhilo
		4. Mochhu Wakhar
		5. Riserboo Tsangpo
		6. Tshogoenpa
	7. Merag	1. Gyengo
		2. Khashateng
		3. Khiliphoo
		4. Merag Maed
		5. Merag Toed
	8. Phongmed	1. Lem
		2. Phimshong
		3. Phongmed
		4. Thongrong
		5. Yabrang
	9. Radi	1. Dekidling Tsenkhar
		2. Kadam
		3. Nagtshang Togshingmang
		4. Pakaling
		5. Tonglingpam
	10. Sagten	1. Borangmang Borangtse
		2. Joenkhar Moorbi
		3. Pusa Tenmang
		4. Sagteng
		5. Thagthri
	11. Samkhar	1. Bikhar Domkhar
		2. Chagzam Pam

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Table cont...

Dzongkhag	Gewog	Chiwog
15. Trashigang	11. Samkhar	3. Kapang Yenangdrangsa
		4. Khabti Lungtenzampa
		5. Maelphel Samkhar
		6. Rangzhikhar Serdrang
	12. Shongphoog	1. Chaling
		2. Chhangmi Rangjoong
		3. Dramin Shongphoog
		4. Galing
		5. Gongtsephangma Yobinang
	13. Thrimshing	1. Berdoongma Thoongkhar
		2. Bongzor Phegpari
		3. Doongsingma Tsangpo
		4. Ramchongma Yemkhar
		5. Thrimshing
	14. Udzorong	1. Baepam
		2. Barkazor Maenkhar
		3. Benshingmo Jomtsang
		4. Chhiya
		5. Rizor Yerchhilo
	15. Yangnyer	1. Daliphang Ragshigo
		2. Dargyeling Kharthoong
		3. Duroong Ngambinlang
		4. Khardza Leyphoog
		5. Shokang Tagtagpa
16. Trashiyangtse	1. Boomdeling	1. Betsamang
		2. Bomdir Wogmanang
		3. Gangkhardoong Tshaling
		4. Ngalimang Phanteng
		5. Pangkhar Taphel
	2. Jamkhar	1. Chhema Tagchhema
		2. Laishoom Largyab
		3. Neydrag Pachhu
		4. Riyoong Yoob
		5. Shingkar Tongla

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Table cont...

Dzongkhag	Gewog	Chiwog
16. Trashiyangtse	3. Khamdang	1. Domtshang Karmazom
		2. Duntse Lengkhaz
		3. Khamdang Manla
		4. Nombaring Shazam
		5. Serpang Shalli
	4. Ramjar	1. Bainangreb Romang
		2. Bawoong
		3. Domtshang Doongmaen
		4. Khalapangthang Tsangrong
		5. Lengbartang Woongkhar
	5. Toedtsho	1. Chhemkhar Manam
		2. Jangphoogtse Thangdoong
		3. Khinyel Togshing
		4. Maeldoong
		5. Nangkhar Seb
		6. Sertsho
	6. Tongmizhangsa	1. Bagpa Kuenzangling
		2. Bainangkhar Gomkor
		3. Changmadoong Shoganang
		4. Maenchu Tsangdoong
		5. Pang Lhauzhing
	7. Yalang	1. Chhema Melongkhar
		2. Doogti Gashing
		3. Namthi Yarphe
		4. Phugyang Yalang
		5. Rolam Thragom
	8. Yangtse	1. Baney Bimkhar
		2. Bayling
		3. Gangkhar
		4. Lichen
		5. Rabti
17. Trongsa	1. Draagteng	1. Kuenga Rabten
		2. Samling Khamaed
		3. Samling Khatoed

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Table cont...

Dzongkhag	Gewog	Chiwog
17. Trongsa	1. Draagteng	4. Tagtse _Tashidingkha
		5. Uesar
	2. Korphoog	1. Korphoog Maed
		2. Korphoog Toed
		3. Nabi
		4. Nyimzhong Maed
		5. Nyimzhong Toed
	3. Langthil	1. Baling
		2. Dangdoong
		3. Jangbi
		4. Langthil
		5. Yuedroongchhoeling
	4. Nubi	1. Bagochen _Boolingpang_ Ueling
		2. Bemji _Chela
		3. Bji _Sengm _Bji
		4. Darbab _Sinphoog
		5. Gaghar _Kar-zhong
	5. Tangsibji	1. Chendenbji
		2. Kela
		3. Nyala _Drangla
		4. Tangsibji
		5. Tshangkha
18. Tsirang	1. Barshong	1. Barshong Maed
		2. Barshong Toed
		3. Chunyikhang
		4. Gangtogkha
		5. Toedsang
	2. Doonglagang	1. Dangreyboog Maed
		2. Dangreyboog Toed
		3. Dingrigang Lhamoiloongm
		4. Khirithang
		5. Norjangsa

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Table cont...

Dzongkhag	Gewog	Chiwog
18. Tsirang	3. Gosarling	1. Dzamlingthang
		2. Dzamlingzor
		3. Pelrithang
		4. Pemathang
		5. Phuensoomgang
	4. Kilkhorthang	1. Dekidling
		2. Maenchhana
		3. Nyizergang
		4. Satsangma
		5. Tashiyangjong
	5. Mendrelgang	1. Dzamlingzor
		2. Mendrelgang
		3. Pemashong Samshinggaden
		4. Riserboo
		5. Tashipang
	6. Patshaling (Beteni)	1. Chhuzomsa
		2. Pangthang
		3. Pantshaling Maed Tsakaling
		4. Pantshaling Toed
		5. Thakorling
	7. Pungtenchhu	1. Goentegkha Tongshinggang
		2. Norboothang
		3. Peljorling
		4. Serzhong
		5. Tashichhoeling
	8. Rangthangling	1. Chringma Rangthangling
		2. Darchhargang
		3. Gagaling Nyimazor
		4. Neymedsa
		5. Soonkosh
	9. Semjong	1. Dangreygang
		2. Dekidling
		3. Dzomling
		4. Tashiling Maed
		5. Tashiling Toed

Table cont...

Dzongkhag	Gewog	Chiwog
19. Wangdue Phodrang	10. Sergithang (Patala)	1. Norboogang
		2. Semdenjong
		3. Sergithang Maed
		4. Sergithang Toed
		5. Tashithang
	11. Tsholingkhar	1. Droobchhugang
		2. Gomsoom
		3. Kapazhing
		4. Tsholingkhar Maed
		5. Tsholingkhar Toed
	12. Tsirang Toed	1. Kabelzhing
		2. Soentabsa
		3. Tagthang Wangphoo
		4. Tongshingnang
		5. Tsirang Toed
	1. Athang	1. Jaroggang Dzawa
		2. Lawa Langa
		3. Lomtshokha
		4. Lophokha Pagtakha
		5. Rookha
	2. Bjednag	1. Bjednagloongpa Thingmakha
		2. Garzhikha Omchheygang
		3. Ngawang Tongchennang
		4. Tashitokha
		5. Wachhey
	3. Dangchhu	1. Doongdoongnyelsa Norbooding
		2. Godraang Taagsar
		3. Tashidingkha Zimi
		4. Tokaling Tomla
		5. Uesagang
	4. Darkar	1. Gyapakha
		2. Kamichhu Umakha Maed
		3. Kamina Wogyal
		4. Sili Taagsha
		5. Umakha Toed

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Table cont...

Dzongkhag	Gewog	Chiwog
19. Wangdue Phodrang	5. Gangteng	1. Jangchen Koomboo
		2. Gorgoen
		3. Gangteng
		4. Tapaiteng Uega
		5. Yaekorwog
	6. Gase Tsho-Gongm	1. Changche Matshigpogto
		2. Changkha
		3. Dabchhaykha Matshigkha
		4. Khamaedna
		5. Khatoedkha
	7. Gase Tsho-Woom	1. Haebisa
		2. Haetshokha
		3. Medpaisa Taabchhaekha
		4. Shingkheykha Toed
		5. Singkheykha Maed
	8. Kazhi	1. Baedrog
		2. Chegidp
		3. Kazhi
		4. Komathrang
		5. Lengbi
	9. Nahi	1. Haebisa
		2. Halued Uesawogm
		3. Koorjoongla Langmizi
		4. Nagbisa
		5. Uesagongm Thabji
	10. Nyishog	1. Chhaebhakha
		2. Chitokha Pangkha
		3. Gangjab
		4. Geylegkha Kuenzangling
		5. Goensar Rajawog
		6. Samtengang
	11. Phangyuel	1. Chhunggoen
		2. Chhungserkha Domkha
		3. Goenkhar

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Table cont...

Dzongkhag	Gewog	Chiwog
19. Wangdue Phodrang	12. Phobji	4. Koomchhi Phangyuel
		5. Uesargang Wampoekhar
		1. Damchhoe Gangphel
		2. Dogsenang Gorphoog
		3. Drangpa Pangsar
	13. Ruebisa	4. Khemdro Nemphel
		5. Talachen Tawa Taphoog
		1. Bangtoedkha
		2. Bjagphug
		3. Gyala
	14. Saephoog	4. Oola
		5. Zamding
		1. Boommilog
		2. Booso Zeri
		3. Longtoed
	15. Thedtsho	4. Nakha
		5. Rukoobji
		1. Jang Rinchhengang
		2. Lho Rinchhengang
		3. Martaloongchu
		4. Thanggoo
		5. Wangjokha
20. Zhemgang	1. Bardo	1. Bardo
		2. Digala
		3. Khomshar
		4. Langdorbi
		5. Phulabi
	2. Bjoka	1. Bjokar
		2. Chabdenba Dzarkabla
		3. Dali
		4. Kamati
		5. Sarpong Namirgang
	3. Goshing	1. Budhashi
		2. Lamthang

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Table cont...

Dzongkhag	Gewog	Chiwog
20. Zhemgang	3. Goshing	3. Lichibi
		4. Lingmapong Samchhoeling
		5. Mewangang
	4. Nangkor	1. Buli
		2. Dakphel Tali
		3. Duenmang
		4. Goleng
		5. Nyakha
	5. Ngangla	1. Kagtong
		2. Marangduet
		3. Ngangla Trong
		4. Panbang Sonamthang
		5. Ribati
	6. Phangkhar	1. Chargngarzam
		2. Mamong Trong Pantang
		3. Panabi
		4. Rongchola Dadijong
		5. Shalingtoed Tashibi
	7. Shingkar	1. Nyimzong Thajong
		2. Radi
		3. Singkar
		4. Thrisa
		5. Wamling
	8. Trong	1. Berti Tagma
		2. Dangkar Trong
		3. Gongphu
		4. Soobdrang
		5. Tshanglajong Zurphel

