



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



འབྲེལ་གི་ཚུལ་དཔྱད་ལོ་དེབ་ ༢༠༢༣།

Statistical Yearbook of Bhutan  
2023

October 2023



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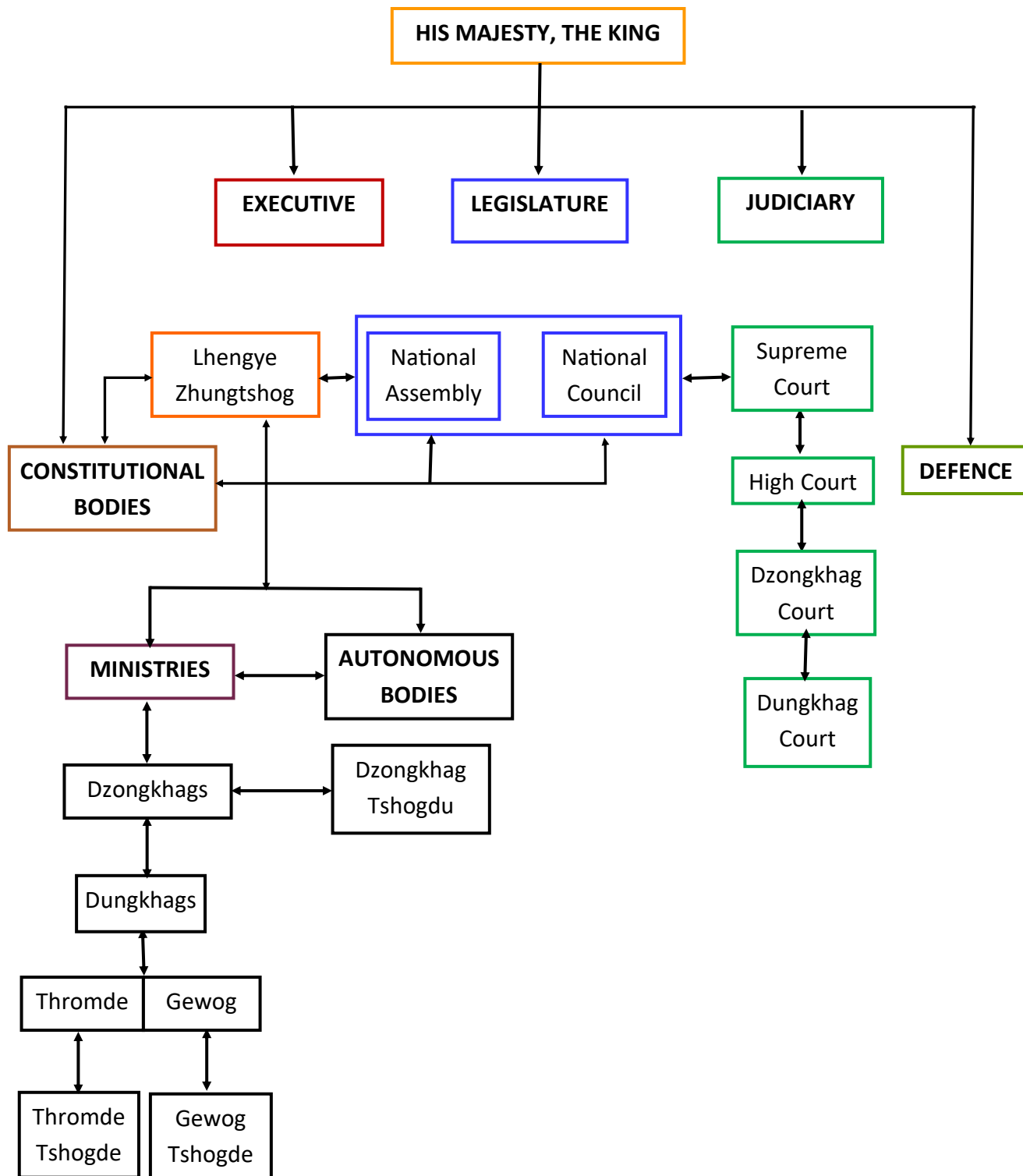
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## ORGANOGRAM OF THE ROYAL GOVERNMENT OF BHUTAN POST CONSTITUTIONAL ENACTMENT 2009



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## PREFACE

This Statistical Yearbook of Bhutan (SYB) 2023 publication is the 41<sup>st</sup> edition. It is a comprehensive and systematic compendium of basic statistical information of 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. The compilation is based on information gathered from administrative data maintained by various ministries, agencies, corporations and private organizations as well as through periodic statistical censuses and surveys.

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 producing and disseminating agencies. New data series on topics of interest are included as and when available. Brief explanatory notes on coverage and data sources, wherever required, 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 for providing data and information for SYB 2023. In order to improve the quality of the forthcoming issues, we solicit comments and suggestions from the users. This publication can also be accessed through NSB website ([www.nsb.gov.bt](http://www.nsb.gov.bt))

**DIRECTOR  
NATIONAL STATISTICS BUREAU**

## NOTES FOR USERS

Unless otherwise indicated, the present issue of the Yearbook contains statistics available as of December 2023. For some tables, there are footnotes indicating information specific to each figure in the table.

***The following notations are used in the tables:***

**0** If not at all happened/no count

... Data not available

• A point is used to indicate decimal

**NA** Data not applicable

**()** Negative figures

**/** If there is a back slash between two years, it indicates financial year (from July to June, example: 2019/21)

**-** A hyphen between years (e.g., 2020-2021) signifies the entire period, including both the starting and ending years

Detail figures in the tables may not add up to the totals because of rounding. 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 2023, National Statistics Bureau***. 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

#### I. Metric Equivalents

10 mm = 1 cm

10 cm = 1 dm

10 dm = 1 m

10 m = 1 dam

10 dam = 1 hm

10 hm = 1 km

#### Abbreviations

mm = millimeter

cm = centimeter

m = meter

dm = decimeter

dam = decameter

hm = hectometer

#### II. 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

#### III. Conversion from British to Metric Units (lengths)

1 inch = 2.539998 cm

1 foot = 0.3047997 m

1 yard = 0.9143992 m

1 mile = 1.609343 km

1 nautical mile = 1.853182 km

1 m = 39.370113 inches

1 m = 3.280843 feet

1 m = 1.093614 yard

1 k = 0.6213717 miles

### B. Area Measurements

#### I. British Units

144 square inches = 1 square foot

9 square feet = 1 square yard

$30\frac{1}{4}$  yards = 1 square rod, pole

40 square rod = 1 rood

4 roods = 1 acre

1 acre = 0.405 hectares

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

#### 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)	69.71
Projected Population, 2023	770,276
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, 2022	54
Number of Doctors, 2022	288
Number of Schools, Institutes and Centers, 2023	1,896
Number of Teachers, Lecturers, Instructors, Trainers & Facilitators, 2023	12,467
Number of Students (Including Institutes & NFE), 2022	196,269
Number of Civil Servants, (as of 31st December 2022)	30,194
Labour Force Participation Rate, (LFS 2022)	63.1
Unemployment Rate, (LFS 2022)	5.9
Number of Active Fixed Line Connection, 2022	19,566
Number of B-Mobile Subscribers, 2022	471,999
Number of Tashicell Subscribers, 2022	304,632
Number of Postal Infrastructures, 2022	59
Total Road Length (Km.), 2022	18,343.47
Number of Registered Vehicles as of June 2023	126,501
Electricity Generation (MU), 2022	10,771.64
Electricity Exports (MU), 2021	7,482.69
Number of Tourist Arrivals (MDPR), 2022	20,897
Number of Total Industrial Establishments as of June 2023 (Active)	55,489
Balance of Trade (Nu.in Million), 2022	84397
Exchange Rate (Calendar Year), Nu. Per US \$, 2022	78.6
Gross International Money Reserves (US \$ in Million), 2021/22	832.937
Total Twelfth Plan Budgetary Outlay (Nu.in Million) 2018-2023	197,941.66
GDP at Current Market Price (Nu.in Million), 2022	227,813.72
Annual Average Inflation Rate (Percent), 2022	5.65
Purchasing Power of Ngultrum (PPN) 2022 (Dec 2012 = 100)	60.31

## 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 foot-



hills, 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 mil-

lions 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 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 Rhythms, 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 presents statistics on the basic attributes of population, such as the size and the growth of population, geographical distribution, sex and age composition and other related indicators. It also presents the population projection for the country by dzongkhag, sex, age group and area using 2017 population and housing census as the base population. The data on population is essential for formulation of plans and programs and resource allocation of the government.

The primary source of data on population is the population and housing census, which is conducted periodically. The Population and Housing Census in Bhutan was first conducted in May 2005 and the second round was conducted in May 2017 as per the UN standards. The Population and Housing Census provides a complete count of the population according to a range of characteristics such as demography, health, education and other social aspects.

### CONCEPTS AND DEFINITIONS

**Crude Birth Rate:** Number of live births in a year per thousand population.

**General Fertility Rate:** Number of live births in a year per thousand women in the childbearing age (15 to 49).

**General Marital Fertility Rate:** A ratio of number of births to 1000 married women in the reproductive ages.

**Total Fertility Rate:** Average number of children born by women during their reproductive span of life.

**Gross reproductive Rate:** Measures the extent to which a cohort of newly born girls will replace their mothers under pre-determined schedules of fertility and mortality.

**Crude Death Rate:** Number of deaths in a year per thousand population.

**Infant Mortality Rate:** Number of deaths during first year of life per thousand live births.

**Maternal Mortality Ratio:** The annual number of deaths of women from pregnancy related causes per 100,000 live births.

**Rate of Natural Increase:** The difference between the crude birth rate and the crude death rate.

**Dependency Ratio:** 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.

**Index of Aging:** It is the number of persons aged 65 and over as a percentage of the number of persons aged 0 to 14.

**Table 1.1: Key Demographic Indicators, 2017**

Indicators	Area		Sex		Both Sex
	Urban	Rural	Female	Male	
Total Population (numbers)	274,967	452,178	346,692	380,453	727,145
Population Density (per km <sup>2</sup> )	...	...	...	...	19.0
Number of household	60,394	102,607	NA	NA	163,001
Mean Household Size	4.0	3.8	NA	NA	3.9
Sex Ratio	...	...	...	...	110.0
Total Dependency Ratio	...	...	...	...	47.0
Child Dependency Ratio	...	...	...	...	38.3
Old Age dependency Ratio	...	...	...	...	8.7
Median Age	...	...	26.6	27.2	26.9
Aging Index	...	...	22.7	22.8	22.7
Life Expectancy (years)	...	...	71.7	68.8	70.2
Mean age at first birth (years)	22.0	21.0	...	...	21.0
Crude Birth Rate(per 1000)	17.8	14.0	...	...	15.5
Crude Death Rate(per 1000)	5.5	7.5	6.3	7.1	6.7
Child Survival Rate	96.2	93.0	...	...	94.1
Total Fertility Rate	1.7	1.8	...	...	1.7
General Fertility Rate	58.0	57.0	...	...	57.3
Infant Mortality Rate	12.0	17.5	13.5	16.6	15.1
Child Mortality Rate	13.3	23.3	18.4	19.4	19.0
Under Five Mortality Rate	25.3	40.8	31.9	36.0	34.1
Disability Prevalance Rate	1.1	2.8	2.3	2.0	2.1

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

**Table 1.2: 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
Phuentsholing Thromde	15,052	12,606	27,658	54.4	45.6	100.0	118.9
Other than Phuentsholing 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 Gatshel	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	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
Gelephu Thromde	5,146	4,712	9,858	52.2	47.8	100.0	108.1
Other than Gelephu 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
Trashi 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
<b>Total</b>	<b>380,453</b>	<b>346,692</b>	<b>727,145</b>	<b>52.3</b>	<b>47.7</b>	<b>100.0</b>	<b>109.7</b>

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 Sex, Area and Dzongkhag, 2017

Dzongkhag	Urban			Rural			Both Areas		
	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
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 Gatshel	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
Trashiyangtse	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
<b>Total</b>	<b>143,855</b>	<b>131,112</b>	<b>274,967</b>	<b>236,598</b>	<b>215,580</b>	<b>452,178</b>	<b>380,453</b>	<b>346,692</b>	<b>727,145</b>

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 Age, Sex and Area, 2017

Age Group	Number of Persons												Sex Ratio		
	Urban			Rural			Both Areas			Urban	Rural	Both Areas			
	Male	Female	Both Sex	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			
<b>All Ages</b>	<b>143,855</b>	<b>131,112</b>	<b>274,967</b>	<b>236,598</b>	<b>215,580</b>	<b>452,178</b>	<b>380,453</b>	<b>346,692</b>	<b>727,145</b>	<b>109.7</b>	<b>109.7</b>	<b>109.7</b>			

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

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

Table 1.5: Population by Age Groups, Dependency Ratio, Ageing Index and Dzongkhag/Thromde, 2017

Dzongkhag/Thromde	Population by Broad Age Groups				Dependency Ratio			Ageing Index			
	0 - 14		15 - 64		65+		Total		Child Dependency Ratio	Old Age Dependency Ratio	Total Dependency Ratio
	0 - 14	15 - 64	65+	Total							
Bumthang	4,930	11,657	1,233	17,820	42.3	10.6	52.9	25.0			
Chhukha	17,078	48,963	2,925	68,966	34.9	6.0	40.9	17.1			
Phuentsholing Thromde	5,767	21,186	705	27,658	27.2	3.3	30.5	12.2			
Other than Phuentsholing Thromde	11,311	27,777	2,220	41,308	40.7	8.0	48.7	19.6			
Dagana	7,024	16,277	1,664	24,965	43.2	10.2	53.4	23.7			
Gasa	1,086	2,636	230	3,952	41.2	8.7	49.9	21.2			
Haa	3,582	9,298	775	13,655	38.5	8.3	46.9	21.6			
Lhuentse	4,263	9,006	1,168	14,437	47.3	13.0	60.3	27.4			
Monggar	11,399	23,108	2,643	37,150	49.3	11.4	60.8	23.2			
Paro	11,406	32,161	2,749	46,316	35.5	8.5	44.0	24.1			
Perma Gatsel	6,512	14,812	2,308	23,632	44.0	15.6	59.5	35.4			
Punakha	7,364	19,547	1,829	28,740	37.7	9.4	47.0	24.8			
Samdrup Jongkhar	9,810	23,105	2,164	35,079	42.5	9.4	51.8	22.1			
Samdrup Jongkhar Thromde	2,489	6,561	275	9,325	37.9	4.2	42.1	11.0			
Other than Samdrup Jongkhar Thromde	7,321	16,544	1,889	25,754	44.3	11.4	55.7	25.8			
Samtse	16,884	41,665	4,041	62,590	40.5	9.7	50.2	23.9			
Sarpang	11,215	32,177	2,612	46,004	34.9	8.1	43.0	23.3			
Gelephu Thromde	2,149	7,332	377	9,858	29.3	5.1	34.5	17.5			
Other than Gelephu Thromde	9,066	24,845	2,235	36,146	36.5	9.0	45.5	24.7			
Thimphu	32,861	100,559	5,316	138,736	32.7	5.3	38.0	16.2			
Thimphu Thromde	27,237	83,224	4,090	114,551	32.7	4.9	37.6	15.0			
Other than Thimphu Thromde	5,624	17,335	1,226	24,185	32.4	7.1	39.5	21.8			
Trashigang	12,596	29,560	3,362	45,518	42.6	11.4	54.0	26.7			
Trashi Yangtse	5,582	10,498	1,220	17,300	53.2	11.6	64.8	21.9			
Trongsa	4,124	14,735	1,101	19,960	28.0	7.5	35.5	26.7			
Tsirang	5,874	14,733	1,769	22,376	39.9	12.0	51.9	30.1			
Wangdue Phodrang	10,689	29,113	2,384	42,186	36.7	8.2	44.9	22.3			
Zhemgang	5,138	11,054	1,571	17,763	46.5	14.2	60.7	30.6			
<b>Total</b>	<b>189,417</b>	<b>494,664</b>	<b>43,064</b>	<b>727,145</b>	<b>38.3</b>	<b>8.7</b>	<b>47.0</b>	<b>22.7</b>			

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

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

**Table 1.6: Population Density by Dzongkhag, 2005 and 2017**

Dzongkhag	Area (km <sup>2</sup> )	Population		Density (Population per km <sup>2</sup> )	
		2005	2017	2005	2017
Bumthang	2,717	16,116	17,820	5.93	6.56
Chhukha	1,880	74,387	68,966	39.57	36.68
Dagana	1,723	18,222	24,965	10.58	14.49
Gasa	3,118	3,116	3,952	1.00	1.27
Haa	1,905	11,648	13,655	6.11	7.17
Lhuentse	1,944	15,395	14,437	7.92	7.43
Monggar	2,859	37,069	37,150	12.97	12.99
Paro	1,293	36,433	46,316	28.18	35.82
Pema Gatshel	1,030	13,864	23,632	13.46	22.94
Punakha	1,110	17,715	28,740	15.96	25.89
Samdrup Jongkhar	1,878	39,961	35,079	21.28	18.68
Samtse	1,305	60,100	62,590	46.05	47.96
Sarpang	1,946	41,549	46,004	21.35	23.64
Thimphu	2,067	98,676	138,736	47.74	67.12
Trashigang	3,066	51,134	45,518	16.68	14.85
Trashi Yangtse	1,438	17,740	17,300	12.34	12.03
Trongsa	1,807	13,419	19,960	7.43	11.05
Tsirang	639	18,667	22,376	29.21	35.02
Wangdue Phodrang	4,308	31,135	42,186	7.23	9.79
Zhemgang	2,421	18,636	17,763	7.70	7.34
<b>Total</b>	<b>40,454</b>	<b>634,982</b>	<b>727,145</b>	<b>16.54</b>	<b>18.94</b>

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

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

**Table 1.7: Mean Age at First Birth by Dzongkhag, 2017**

<b>Dzongkhag</b>	<b>Urban</b>	<b>Rural</b>	<b>Both Areas</b>
Bumthang	21.78	21.64	21.70
Chhukha	21.85	21.01	21.43
Dagana	21.34	20.31	20.46
Gasa	21.33	21.39	21.37
Haa	21.91	21.78	21.81
Lhuentse	21.39	20.37	20.49
Monggar	21.68	20.28	20.60
Paro	22.40	21.92	22.05
Pema Gatshel	21.26	20.98	21.07
Punakha	21.68	21.31	21.39
Samdrup Jongkhar	21.46	20.56	20.89
Samtse	21.44	21.15	21.20
Sarpang	21.49	20.73	20.94
Thimphu	22.41	21.64	22.29
Trashigang	21.63	20.51	20.70
Trashi Yangtse	21.57	20.99	21.10
Trongsa	21.48	21.34	21.37
Tsirang	21.75	20.99	21.10
Wangdue Phodrang	21.54	21.18	21.28
Zhemgang	21.61	20.39	20.64
<b>Total</b>	<b>22.00</b>	<b>20.99</b>	<b>21.37</b>

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

**Table 1.8: Projected Total Population by Sex, 2018 - 2047**

(Number)

Year	Both Area		
	Male	Female	Both Sex
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, NSB

Table 1.9: Projected Population by Sex and Dzongkhag, 2019 - 2023

Dzongkhag	2019			2020			2021			2022			2023		
	Male	Female	Both Sex	Male	Female	Total	Male	Female	Both Sex	Male	Female	Both Sex	Male	Female	Both Sex
	(Number)														
Bumthang	9,425	8,590	18,015	9,437	8,673	18,110	9,448	8,755	18,203	9,456	8,835	18,291	9,482	8,915	18,397
Chhukha	36,052	33,292	69,344	36,049	33,470	69,519	36,037	33,640	69,678	36,016	33,804	69,820	36,061	33,959	70,020
Dagana	13,140	12,140	25,280	13,232	12,204	25,435	13,321	12,264	25,586	13,410	12,322	25,732	13,524	12,378	25,901
Gasa	2,175	1,911	4,086	2,211	1,943	4,154	2,247	1,975	4,222	2,283	2,007	4,290	2,324	2,039	4,362
Haa	7,473	6,252	13,725	7,491	6,267	13,757	7,507	6,279	13,786	7,522	6,290	13,812	7,550	6,299	13,850
Lhuentse	7,265	6,869	14,134	7,191	6,783	13,973	7,113	6,693	13,806	7,032	6,599	13,631	6,963	6,501	13,464
Monggar	17,965	18,912	36,877	17,816	18,909	36,726	17,661	18,901	36,561	17,498	18,886	36,384	17,364	18,864	36,228
Paro	24,735	23,402	48,137	25,137	23,924	49,061	25,540	24,450	49,990	25,944	24,979	50,923	26,402	25,510	51,912
Pema Gatsel	11,957	11,756	23,713	11,972	11,776	23,748	11,985	11,792	23,777	11,994	11,805	23,799	12,026	11,814	23,840
Punakha	15,535	14,022	29,557	15,766	14,203	29,968	15,997	14,383	30,380	16,228	14,562	30,790	16,492	14,741	31,233
Samdrup Jongkhar	18,311	16,725	35,037	18,297	16,707	35,004	18,279	16,682	34,961	18,256	16,652	34,908	18,266	16,615	34,881
Samtse	31,938	30,868	62,806	31,887	31,012	62,899	31,827	31,150	62,977	31,759	31,280	63,039	31,747	31,402	63,149
Sarpang	24,686	22,698	47,383	25,023	23,057	48,079	25,360	23,417	48,776	25,696	23,776	49,472	26,086	24,135	50,221
Thimphu	76,002	70,464	146,466	77,772	72,632	150,404	79,555	74,824	154,379	81,349	77,038	158,387	83,323	79,270	162,593
Trashigang	22,869	21,644	44,513	22,584	21,398	43,982	22,288	21,141	43,429	21,981	20,871	42,852	21,710	20,589	42,298
Trashigang Yangtse	8,599	8,479	17,078	8,535	8,423	16,958	8,468	8,363	16,831	8,397	8,300	16,697	8,341	8,232	16,573
Trongsa	12,754	8,352	21,105	13,200	8,488	21,688	13,652	8,624	22,276	14,108	8,761	22,869	14,253	8,897	23,150
Tsirang	11,803	11,130	22,934	11,943	11,271	23,214	12,082	11,411	23,493	12,220	11,551	23,771	12,384	11,689	24,073
Wangdue Phodrang	25,679	18,353	44,032	26,381	18,588	44,969	27,088	18,823	45,911	27,802	19,056	46,858	28,090	19,288	47,377
Zhemgang	9,039	8,411	17,450	8,956	8,327	17,283	8,870	8,239	17,109	8,781	8,145	16,926	8,706	8,048	16,753
<b>Total</b>	<b>387,402</b>	<b>354,270</b>	<b>741,672</b>	<b>390,877</b>	<b>358,054</b>	<b>748,931</b>	<b>394,325</b>	<b>361,806</b>	<b>756,131</b>	<b>397,732</b>	<b>365,519</b>	<b>763,251</b>	<b>401,092</b>	<b>369,184</b>	<b>770,276</b>

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

The Constitution of the Kingdom of Bhutan mandates the state to provide access to free public health services. Since the early years (1960s) of the introduction of modern health care development in Bhutan, the health programme and interventions have focused on the preventive aspects of health care and services. It included the prevention of morbidity, the promotion of positive determinants of health and the control of infectious diseases. These measures were further reinforced after being signatory to the Alma Ata declaration in 1978.

The health program is one of the top priorities of the government. The Ministry of Health in 2019 undertook several reforms and initiatives with the aspiration to ensure universal access to health. There have been continuous efforts and remarkable strides in improving the modern health care systems and services since then. The Ministry of Health has now a widespread 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 centers but today the emphasis has shifted to the rural areas where the majority of the population live.

Health Care is delivered in an integrated three-tiered system with National Referral Hospital at the apex, regional referral hospitals, district hospitals, Primary Health Centers (PHCs) in rural areas and Thromde Health Centers in urban areas at the Community Level. PHCs 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 PHCs.

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) and Mental Health Program among others.

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

**Table 2.1: Summary of Health Facilities and Personnel, 2018 - 2022**

Facilities	2018	2019	2020	2021	2022
Number of Hospitals <sup>1</sup>	33	54	58	58	60
Public Hospitals	27	48	52	52	54
RBA Hospitals	2	2	2	2	2
Indigenous Hospital	1	1	1	1	1
IMTART Hospitals	3	3	3	3	3
Number of Primary Health Centers <sup>2</sup>	209	186	182	179	186
Number of Outreach Clinics <sup>3</sup>	551	542	552	555	554
Number of Indigenous Units	66	70	72	75	78
Number of Sub-post	53	53	54	53	51
Persons per doctor <sup>4</sup>	2,179	2,239	2,229	2,156	2,157
Ratio of beds per Nurse	1.1	0.8	1.1	1.1	1.10
Ratio of Nurses per Doctor	3.5	4.3	4.5	5.0	4.25
Doctors per (10,000) persons	4.6	4.3	4.6	4.6	4.64
Nurses per (10,000) persons	16.5	18.6	20.9	21.1	19.71
Pharmacists per (10,000) persons	0.6	0.6	0.6	0.6	0.60
HA/BHW per (10,000) persons	8.3	8.4	8.9	8.9	8.80
Dungtshos per (10,000) persons	0.7	0.7	0.7	0.8	1.03
sMempas per (10,000) persons	1.5	1.6	1.9	1.9	2.29
Persons per hospital bed	552	442	456	446	446
Number of hospital beds available	1,310	1,600	1,640	1,710	1,710
Hospital bed per 10,000 persons	18	22	23	22	22
Distribution of health facilities per (10,000) persons	3.8	3.8	4.0	3.8	3.81
Proportion of population within 3 hrs walking distance of a health facility	>90	>90	>90	>90	>90
Proportion of Deliveries attended by trained personnel(%)	96.2	96.2	99.3	98.2	98.60

Note: <sup>1</sup> Includes 10 bedded hospitals (BHU-I is upgraded to 10 bedded hospital)

<sup>2</sup> Thromde Health Center (previously known as Satellite Clinics) included under Primary Health Center (previously known as BHU)

<sup>3</sup> ORC (Inclusive of with shed & without shed)

<sup>4</sup> The population is based on Population Projections Bhutan, 2017 - 2047, NSB

Source: Annual Health Bulletin 2022, MoH.



**Table 2.2: Number of Health Facilities by Dzongkhag and Type, 2022**

Dzongkhag	Hospital <sup>1</sup>	PHC &THC <sup>2</sup>	Sub-post	Ind. Unit	ORC with shed	ORC without shed
Bumthang	1	5	0	4	11	0
Chhukha	5	13	2	6	33	8
Dagana	3	7	0	3	30	4
Gasa	1	3	0	1	4	1
Haa	1	4	2	3	8	9
Lhuentse	1	14	0	4	28	4
Monggar	2	22	5	5	53	5
Paro	2	3	2	1	19	2
Pema Gatshel	2	11	7	5	31	5
Punakha	1	7	1	2	10	0
Samdrup Jongkhar	5	7	3	7	25	5
Samtse	4	12	5	4	43	7
Sarpang	3	11	1	3	12	1
Thimphu	4	12	0	3	7	9
Trashigang	7	14	4	7	51	3
Trashi Yangtse	2	7	2	3	26	0
Trongsa	2	5	4	5	19	0
Tsirang	2	7	0	2	17	3
Wangdue Phodrang	2	12	8	6	20	7
Zhemgang	4	10	5	4	29	5
<b>Total</b>	<b>54</b>	<b>186</b>	<b>51</b>	<b>78</b>	<b>476</b>	<b>78</b>

Note: <sup>1</sup> RBA and IMTART are excluded; Traditional medicine hospital included

<sup>2</sup> Health Center are included under PHC

Source: Annual Health Bulletin 2022, MoH

**Table 2.3: Number of Health Personnel by Category, 2018 – 2022**

<b>Health Personnel</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2,022</b>
Specialists	92	114	119	136	139
MS/CMO/MO/GDMO/Gen-Specialist/Sub-Specialist	186	204	217	143	149
Dental Specialist	...	...	11	15	13
Dental Surgeon	59	58	59	60	53
<b>Medical Technologist</b>	<b>178</b>	<b>200</b>	<b>219</b>	<b>224</b>	<b>224</b>
Lab Technologyist/Entomologist	53	69	54	54	55
Pharmacist	44	43	42	46	45
Physiotherapist/Occupational Therapist	27	28	34	35	36
Orthotic/Prosthetic Technology	1	1	26	26	26
Clinical Officer	21	26	25	24	25
Radio Technologist	8	8	12	14	14
Dietician/Nutritionist	24	25	26	25	23
<b>Medical Technicians</b>	<b>926</b>	<b>982</b>	<b>1,073</b>	<b>1,117</b>	<b>1,124</b>
Nurses Anesthetist	21	29	32	28	28
OT Technicians	41	54	55	40	54
EMRO/EMT	39	32	43	36	59
Dental Hygenist	67	67	71	86	87
Dental Technicians	39	37	47	54	48
ENT Technician/Audiologist	24	30	32	36	38
Lab Technicians/Asst.	256	258	291	304	290
Malaria Technicians	34	37	33	33	27
Optometrist/Ophthalmic Technicians	62	65	62	65	67
Ortho Technicians	27	25	26	26	26
Pharmacy Technicians	150	172	193	202	194
Physio Technicians	64	65	69	78	79
X-Ray/Radiographer	102	111	119	129	127
Health Assistants	604	620	650	659	647
<b>Nursing/Clinical Counselor</b>	<b>1,202</b>	<b>1,364</b>	<b>1,523</b>	<b>1,622</b>	<b>1,521</b>
Clinical Counselor <sup>1</sup>	...	...	6	14	16
Clinical Nurse	84	193	216	278	255
Staff/Asst. Nurse	1,118	1,171	1,301	1,330	1,250
<b>Traditional Medicine</b>	<b>166</b>	<b>170</b>	<b>190</b>	<b>205</b>	<b>254</b>
Drungtsho	53	54	52	59	79
sMenpa/Therapy Aide	113	116	138	146	175
<b>Adm. &amp; Support</b>	<b>1,869</b>	<b>2,184</b>	<b>2,425</b>	<b>2,471</b>	<b>2,008</b>
DHO/ADHO	...	...	42	41	32
Adm. & Support	882	1,031	1,044	1,078	888
ESP/GSP	987	1,153	1,339	1,352	1,088

Note: <sup>1</sup> Clinical counselors were only introduced in 2020

Source: Annual Health Bulletin 2022, MoH.

**Table 2.4: Top Ten Morbidity<sup>1</sup>, 2018 - 2022**

	(Number)
<b>Diseases</b>	<b>2022</b>
Common Cold	197,774
Other Diseases of the Digestive System	87,505
Other Disorders of Skin and Subcutaneous Tissue	83,679
Other Musculo-Skeletal Disorders	82,208
Other Nervous Disorders (includes Peripheral disorders)	65,538
Other Respiratory & Nose Diseases	61,836
Skin Infections	58,956
Other Eye Disorders	46,828
Peptic Ulcer Syndrome	42,983
Dental Caries	42,768
<b>Diseases</b>	<b>2021</b>
Common Cold	143,233
Other Diseases of the Digestive System	92,803
Other Disorders of Skin & Subcutaneous-tissues	91,755
Other Musculo-skeletal Disorders	88,209
Other Nervous including Peripheral Disorders	68,317
Skin Infections	67,801
Other Respiratory & Nose Diseases	48,739
Dental Caries	48,217
Other Eye Disorders	47,273
Peptic Ulcer Syndrome	46,082
<b>Diseases</b>	<b>2020</b>
Common Cold	147,636
Other Disorders of Skin and Subcutaneous tissue	93,923
Other Musculo-Skeletal Disorders	84,197
Other Diseases of the Digestive System	78,857
Skin Infections	67,972
Other Nervous including Peripheral Disorders	64,035
Other Respiratory & Nose Diseases	44,213
Peptic Ulcer Syndrome	43,227
Other Eye Disorders	42,857
Dental Caries	42,154
<b>Diseases</b>	<b>2019</b>
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/Tonsillitis	65,344
Other Respiratory & Nose Diseases	64,355
Peptic Ulcer Syndrome	54,927
Dental Caries	51,282
(Table 2.4 continued)	
<b>Diseases</b>	<b>2018</b>
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/ Tronsillitis	24,194
Other Eye Disorders	21,170
Peptic Ulcer Syndrome	20,091

Note: <sup>1</sup> Morbidity refers to the condition of suffering from a disease or medical condition.

Source: Annual Health Bulletin 2022, MoH.

**Table 2.5: Top Ten Inpatient<sup>1</sup> Hospital Mortality, 2018 - 2022**

	(Number)
<b>Diseases</b>	<b>2022</b>
Alcohol Liver Diseases	146
Other Circulatory Diseases	98
Other Cancers	87
Other Respiratory & Nose Diseases	85
Cerebro-Vascular Diseases	68
Other Diseases of the Digestive System	59
Pneumonia	53
Other Sepsis, including Septicaemia	45
Other Kidney, UT/Genital Disorders	43
Hypertension	27
<b>Diseases</b>	<b>2021</b>
Alcohol Liver Diseases	141
Other Circulatory Diseases	89
Other Cancers	71
Cerebro-Vascular Diseases	68
Other Respiratory & Nose Diseases	54
Other Kidney, UT/Genital Disorders	45
Other Diseases of the Digestive System	44
Pneumonia	35
Stomach/Gastric cancer	35
Other Sepsis, including Septicaemia	32
<b>Diseases</b>	<b>2020</b>
Alcoholic Liver Disease	190
Other Circulatory Diseases	154
Other Sepsis (including Septicaemia)	104
Other Cancers	96
Other Respiratory & Nose Diseases	90
Pneumonia	88
Other Kidney, UTI/Genital Disorders	78
Cerebro-vascular DiseasesB	71
Foetal Death & Stillbirth	54
Conditions Originating in the Perinatal period	49
<b>Diseases</b>	<b>2019</b>
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, UTI/Genital Disorders	61
Pneumonia	59
Other Sepsis, including Septicaemia	44
Other Nervous including Peripheral Disorders	28
<b>Diseases</b>	<b>2018</b>
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, UTI/Genital Disorders	74
Other Sepsis, including Septicaemia	62
Conditions Originating in Perinatal Period	35

Note: <sup>1</sup> Inpatient refers to those patients admitted to bed overnight (records deaths related to particular diseases) in hospitals

Source: Annual Health Bulletin 2022, MoH

Table 2.6: Total Morbidity<sup>1</sup> in all Health Facilities by Sex and Age Group, 2022

Name of the Diseases	Under 1 year		1-4 Years		5-14 years		15-49 years		50-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
	(Number)												
<b>Infectious Disease</b>													
Diarrhoea	996	972	3,303	2,800	3,724	3,131	4,943	4,845	801	865	1,318	1,387	29,085
Dysentery	65	42	151	138	253	231	687	708	179	167	179	187	2,987
Tuberculosis <sup>2</sup>	4	0	1	1	4	9	239	241	37	31	76	52	695
Other Sepsis (includes Septicaemia)	60	51	33	20	11	8	50	61	14	23	35	41	407
Congenital Syphilis	2	2	1	0	0	0	0	0	0	0	0	0	5
Genital Ulcer	0	0	2	1	0	1	55	58	12	3	7	3	142
Syphilis	1	0	0	0	0	5	31	56	13	13	12	14	145
Urethral/Vaginal Discharges	0	1	6	9	5	213	977	2,844	90	527	36	224	4,932
Other Sexually Transmitted Disease (excludes HIV/AIDS)	1	1	0	0	0	2	261	253	27	30	27	14	616
Rickettsial Disease <sup>2</sup>	2	2	13	13	13	17	86	80	19	26	24	28	323
<b>Viral, Protozoal &amp; Helminthic Diseases</b>													
Chicken Pox	21	23	158	163	727	718	300	289	6	5	12	1	2,423
Acute Hepatitis A	0	0	0	0	1	0	8	4	2	1	1	0	17
Acute Hepatitis B	0	0	0	0	0	0	26	19	13	9	3	3	73
Other Acute Hepatitis (includes Hepatitis C&E)	0	0	0	0	0	0	17	12	4	4	4	0	41
Plasmodium Falciparum Malaria	1	0	0	0	0	0	0	9	0	2	1	0	13
Plasmodium Vivax Malaria	0	0	0	0	0	0	3	1	2	1	0	0	7
Other Malaria	0	0	2	2	1	0	5	6	0	0	1	1	18
Visceral Leishmaniasis (Kala-azar)	0	0	0	0	0	0	5	3	0	0	3	1	12
Intestinal Worms	10	10	88	124	352	321	547	524	101	81	65	53	2,276
Scabies	50	56	265	246	1,798	1,223	1,524	1,523	186	154	231	166	7,422
Streptococcus Group <sup>A</sup>	1	1	4	0	5	8	20	16	1	2	3	2	63
Other Infections (excludes ear, brain, STI)	246	269	770	732	882	890	1,871	2,038	335	354	404	406	9,197

(Continued)

(Table 2.6 continued)

Name of the Diseases	Under 1 year		1-4 Years		5-14 years		15-49 years		50-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
<b>Neoplasms [Only to be recorded at the JDWNRH/Regional Referral Hospitals]</b>													
Oesophagus Cancer	0	0	0	0	0	0	7	4	5	1	21	7	45
Stomach/ Gastric Cancer	0	0	0	6	10	156	103	156	52	48	145	84	604
Colon Cancer	0	0	0	0	0	0	23	12	12	5	21	18	91
Rectal Cancer	0	0	0	0	0	6	12	6	14	14	21	8	75
Hepato-Biliary Cancer	0	0	0	0	0	2	0	2	0	4	4	4	14
Pancreatic Cancer	0	0	0	0	0	0	1	0	0	0	2	4	7
Breast Cancer	0	0	0	0	0	0	0	24	0	16	0	23	63
Cervical Cancer	0	0	0	0	0	0	0	68	0	25	0	24	117
Other Cancers	0	1	11	7	9	95	87	95	35	44	188	123	612
<b>Diseases of the Blood &amp; Blood-forming Organs</b>													
Neoplasm (benign + CIS)	1	0	2	2	9	21	61	222	9	45	28	46	446
Nutritional Anaemia	6	12	67	54	223	407	1,122	3,992	294	607	537	699	8,020
Blood & Immune Disorders	11	7	20	14	37	41	138	344	47	66	77	90	892
<b>Endocrine, Nutritional &amp; Metabolic Diseases</b>													
Diabetes <sup>2</sup>	0	0	1	4	6	4	1,649	2,169	1,957	2,229	2,277	2,077	12,373
Malnutrition (excludes child clinic attendance)	4	6	18	10	10	21	24	39	9	5	8	7	161
Other Nutritional & Metabolic Disorders <sup>1</sup>	61	79	135	147	271	458	917	1,329	205	254	308	348	4,512
<b>Mental &amp; Behavioural Disorders</b>													
Dementia	0	0	0	0	0	0	10	2	6	4	16	21	59
Mental and Behavioral Disorders due to Alcohol	0	0	0	0	4	7	1,286	440	175	105	84	56	2,157
Mental and Behavioral Disorders due to Multiple Drug use & other use of Psychoactive substances	0	0	0	0	5	15	456	145	38	28	11	4	702
Psychosis	0	0	0	3	6	7	295	235	47	59	14	41	707
Depression	0	0	0	0	13	36	527	956	194	180	66	110	2,082
Anxiety	0	1	0	1	41	86	989	1,637	170	229	126	161	3,441
Other Mental Disorders	3	1	42	29	45	82	538	708	101	116	108	117	1,890
<b>Diseases of the Nervous System</b>													
Meningitis/Encephalitis	10	9	8	7	6	6	32	42	5	8	12	25	170
Epilepsy <sup>2</sup>	14	15	31	34	74	63	762	758	125	95	66	65	2,102
Other Nervous Disorders (includes Peripheral disorders)	187	187	618	650	3,008	3,526	13,461	26,433	3,260	4,615	4,301	5,292	65,538

(Continued)

(Table 2.6 continued)

Name of the Diseases	Under 1 year		1-4 Years		5-14 years		15-49 years		50-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
<b>Diseases of the Eye &amp; Ear</b>													
Conjunctivitis	147	145	388	375	1,076	985	2,799	2,975	633	783	904	1,007	12,217
Cataract <sup>2</sup>	0	1	3	10	67	98	330	369	175	177	435	428	2,093
Disorders of Refraction & Accommodation (Refractive Error in the Eye)	5	4	8	21	220	335	1,269	1,817	449	509	557	528	5,722
Other Eye Disorders	307	301	772	758	2,548	2,725	9,897	12,520	2,819	3,488	4,902	5,791	46,828
Otitis Media	95	133	356	405	1,298	1,234	2,332	2,337	391	419	400	359	9,759
Other Ear Disorders	103	121	508	525	1,756	1,834	3,293	3,498	665	585	756	696	14,340
<b>Diseases of the Circulatory System</b>													
Rheumatic Heart Disease <sup>2</sup>	5	3	16	12	29	15	119	159	75	83	89	81	686
Hypertension	0	0	0	0	18	12	4,274	5,438	3,331	3,533	4,529	4,635	25,770
Ischaemic Heart Diseases <sup>2</sup>	0	0	0	0	3	2	83	80	39	35	107	90	439
Cerebro-vascular Diseases <sup>2</sup>	1	0	2	4	2	2	69	56	56	42	202	140	576
Bubo	0	0	0	0	0	0	14	24	6	6	16	10	76
Other Circulatory Diseases	35	25	69	41	107	168	1,051	1,460	238	329	558	640	4,721
<b>Diseases of the Respiratory System</b>													
Common Cold	5,323	5,520	14,264	13,668	23,075	23,568	38,085	43,507	6,750	7,180	8,230	8,604	197,774
Acute Pharyngitis/ Tonsillitis	274	279	1,398	1,406	5,030	5,283	10,046	12,728	1,427	1,648	1,480	1,380	42,379
Pneumonia	380	351	864	713	331	304	248	289	70	98	266	298	4,212
Asthma	10	12	44	19	73	72	223	456	187	271	423	521	2,311
Other Respiratory & Nose Diseases	1,605	1,576	3,740	3,422	6,138	6,181	11,658	15,368	2,110	2,515	3,650	3,873	61,836
<b>Diseases of the Digestive System</b>													
Diseases of Teeth & Gums	58	60	1,002	1,026	3,797	3,982	6,691	8,199	1,466	1,565	1,990	1,739	31,575
Dental Caries	0	0	1,015	1,158	4,782	5,097	9,339	12,641	1,995	2,012	2,505	2,224	42,768
Peptic Ulcer Syndrome	18	22	142	181	1,349	1,744	12,223	14,750	2,812	3,252	3,040	3,450	42,983
Acute Appendicitis <sup>2</sup>	1	3	8	6	106	79	420	457	63	49	52	55	1,299
Alcoholic Liver Disease	0	0	0	0	0	2	820	549	327	242	253	194	2,387
Gall Bladder Diseases <sup>2</sup>	3	3	2	1	7	8	210	529	81	124	119	193	1,280
Other Diseases of the Digestive System	777	849	3,052	2,851	7,154	8,370	19,457	25,029	3,916	4,371	5,632	6,047	87,505

(Continued)

(Table 2.6 continued)

Name of the Diseases	Under 1 year		1-4 Years		5-14 years		15-49 years		50-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
<b>Diseases of the Skin &amp; Subcutaneous Tissue</b>													
Skin Infections	911	947	3,009	2,771	8,190	7,223	13,798	12,990	2,344	2,148	2,579	2,046	58,956
Other Disorders of Skin and Subcutaneous Tissue	1,455	1,557	3,996	3,797	8,213	8,304	18,567	22,153	3,354	3,611	4,475	4,197	83,679
<b>Diseases of the Musculo-skeletal System &amp; Congenital Deformities</b>													
Arthritis & Arthrosis	3	1	17	13	139	147	1,917	1,859	809	833	1,188	1,095	8,021
Other Musculo-Skeletal Disorders	57	32	301	315	2,467	2,225	23,195	24,274	6,193	6,556	8,482	8,111	82,208
<b>Diseases of the Genito-Urinary System</b>													
Cystitis <sup>2</sup>	4	3	5	9	17	36	145	591	31	72	35	59	1,007
Infections of the Breast (includes Puerperium)	0	0	0	0	0	5	0	222	0	9	0	7	243
Other diseases of the Breast	0	0	1	0	4	15	22	744	3	42	3	23	857
Pelvic Inflammatory Disease <sup>2</sup>	0	0	0	0	0	285	0	1,778	0	520	0	123	2,706
Menstrual Disturbances	0	0	0	0	0	343	0	3,660	0	610	0	172	4,785
Other Kidney, UT/Genital Disorders	36	53	252	288	747	1,142	4,617	15,556	5,601	2,051	1,640	1,954	33,937
<b>Pregnancy, Childbirth &amp; the Puerperium</b>													
Abortions	0	0	0	0	0	1	0	848	0	0	0	0	849
Pregnancy Induced Hypertension	0	0	0	0	0	2	0	460	0	0	0	0	462
Ante-Partum Haemorrhage & Placenta Previa	0	0	0	0	0	0	0	251	0	0	0	0	251
Malpresentation	0	0	0	0	0	0	0	120	0	0	0	0	120
Prolonged Labour	0	0	0	0	0	0	0	195	0	0	0	0	195
Obstructed Labour	0	0	0	0	0	0	0	56	0	0	0	0	56
Post-Partum Haemorrhage	0	0	0	0	0	0	0	87	0	0	0	0	87
Retained Placenta	0	0	0	0	0	0	0	60	0	0	0	0	60
Puerperal Sepsis	0	0	0	0	0	0	0	68	0	0	0	0	68
Other Complications of Pregnancy	0	0	0	0	0	5	0	7,028	0	0	0	0	7,033
<b>Certain Conditions Originating in the Perinatal Period</b>													
Low Birth Weight	169	152	0	0	0	0	0	0	0	0	0	0	321
Foetal Death & Stillbirth	7	9	0	0	0	0	0	0	0	0	0	0	16
Neonatal Death	26	17	0	0	0	0	0	0	0	0	0	0	43
Conditions Originating in the Perinatal period	1,510	1,354	0	0	0	0	0	0	0	0	0	0	2,864

(Continued)



(Table 2.6 continued)

Name of the Diseases	Under 1 year		1-4 Years		5-14 years		15-49 years		50-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
<b>Congenital Malformations, Deformations &amp; Chromosomal Abnormalities</b>													
Oro-facial Clefts	7	5	0	0	0	0	0	0	0	0	0	0	12
Gastrointestinal Tract defects	1	3	0	1	0	0	0	0	0	0	0	0	5
Talipes Equinovarus	0	0	0	0	0	0	0	0	0	0	0	0	0
Omphalocele	0	1	0	0	0	0	0	0	0	0	0	0	1
Other Malformations	50	48	77	47	35	29	18	41	0	2	6	2	355
<b>Injury, Poisoning &amp; certain other consequences of External Causes</b>													
Mushroom Poisoning (Toxic effect of other unspecified substances)	0	0	0	4	7	6	26	25	0	10	4	4	86
Transport Accidents	4	1	23	25	76	61	918	395	107	58	43	33	1,744
Accidental Falls	17	40	295	198	867	456	1,629	976	270	216	445	363	5,772
Other Bites and Sting (excludes dog bite)	12	16	182	177	476	365	942	978	170	179	207	211	3,915
Dog Bites	2	8	203	221	954	715	1,825	1,366	317	212	341	210	6,374
Accidental Drowning & Submersion	0	0	0	4	8	10	25	16	6	3	4	1	77
Exposure to Electric Current	0	0	2	0	16	2	31	14	4	2	0	1	72
Contact with Heat & Hot substances and exposure to Smoke, Fire &Flames	35	18	200	132	183	156	428	432	58	58	56	55	1,811
Snake Bite	1	0	2	1	2	6	99	53	22	16	14	7	223
Contact with Venomous Animals and Plants (excludes Accidental Poisoning by and Exposure to Noxious substances)	0	0	2	1	2	1	11	14	3	3	3	1	41
Intentional Self-harm by Poisoning	3	1	8	9	7	6	21	21	4	1	3	1	85
Intentional Self-harm by Drowning & Submersion	0	0	0	3	0	0	24	35	3	0	2	1	68
Assault by Poisoning (includes homicidal poisoning)	0	0	0	0	0	1	3	1	0	0	0	0	5
Assault by Drowning and Submersion	0	0	1	2	0	1	2	4	0	0	0	0	10
Other Intentional Self-harm	0	0	1	0	0	0	3	1	0	0	0	0	4
Work Related Injuries	0	0	1	0	8	7	146	62	24	4	14	4	270
Others (injuries other than above & unknown cause of injury)	6	7	152	106	1,349	813	10,205	4,164	1,539	808	1,459	693	21,301
<b>Other Conditions</b>													
Complications of Health Care	36	41	484	350	2,304	1,179	6,851	3,787	954	633	905	540	18,064
ANC, Immunization & Other Counselling	27	35	35	39	41	26	181	244	46	33	68	37	812
<b>Total</b>	<b>19,299</b>	<b>19,469</b>	<b>47,235</b>	<b>44,913</b>	<b>99,164</b>	<b>99,958</b>	<b>263,481</b>	<b>354,536</b>	<b>62,463</b>	<b>66,222</b>	<b>76,910</b>	<b>78,266</b>	<b>1,231,916</b>

<sup>1</sup> Morbidity refers to the condition of suffering from a disease or a medical condition. <sup>2</sup> The data are available only from hospitals.

Source: Annual Health Bulletin 2022, MoH.

Table 2.7: Inpatient<sup>1</sup> Cases in all Hospitals by Sex and Age Group, 2022

Name of the Diseases	Under 1 year		1-4 Years		5-14 years		15-49 Years		50-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
	(Number)												
<b>Infectious Disease</b>													
Diarrhoea	90	47	251	192	111	85	181	181	29	37	53	73	1,330
Dysentery	2	5	15	13	11	6	30	36	10	4	9	8	149
Tuberculosis <sup>2</sup>	4	0	0	1	4	7	195	196	25	13	62	43	550
Other Sepsis (includes Septicaemia)	60	51	33	20	11	7	46	60	13	23	35	39	398
Congenital Syphilis	2	2	1	0	0	0	0	0	0	0	0	0	5
Genital Ulcer	0	0	0	0	0	0	2	4	0	0	0	0	6
Syphilis	1	0	0	0	0	0	2	0	0	0	1	2	6
Urethral/Vaginal Discharges	0	0	0	0	0	7	16	50	4	9	0	0	86
Other Sexually Transmitted Disease (excludes HIV/AIDS)	1	1	0	0	0	0	5	6	1	2	2	5	23
Rickettsial Disease <sup>2</sup>	1	2	11	13	7	13	61	55	11	15	21	18	228
<b>Viral, Protozoal &amp; Helminthic Diseases</b>													
Chicken Pox	1	1	6	3	14	13	6	8	0	0	1	0	53
Acute Hepatitis A	0	0	0	0	0	0	5	1	1	0	0	0	7
Acute Hepatitis B	0	0	0	0	0	0	14	7	6	2	2	1	32
Other Acute Hepatitis (includes Hepatitis C&E)	0	0	0	0	0	0	12	10	3	4	4	0	33
Plasmodium Falciparum Malaria	1	0	0	0	0	0	0	7	0	1	0	0	9
Plasmodium Vivax Malaria	0	0	0	0	0	0	3	1	2	1	0	0	7
Other Malaria	0	0	1	1	1	0	3	4	0	0	1	1	12
Visceral Leishmaniasis (Kala-azar)	0	0	0	0	0	0	1	2	0	0	3	0	6
Intestinal Worms	0	0	0	0	8	2	8	14	2	2	1	1	38
Scabies	4	3	2	0	4	4	4	4	0	0	0	2	27
Streptococcus GroupA <sup>2</sup>	0	1	0	0	0	0	0	1	0	0	3	0	5
Other Infections (excludes ear, brain, STI)	38	36	114	93	66	60	217	194	52	46	69	65	1,050
<b>Neoplasms [Only to be recorded at the JDWNRH/Regional Referral Hospitals]</b>													
Oesophagus Cancer	0	0	0	0	0	0	7	3	5	1	20	6	42
Stomach/ Gastric Cancer	0	0	0	0	0	0	21	26	31	14	139	74	305
Colon Cancer	0	0	0	0	0	0	23	11	12	5	21	18	90
Rectal Cancer	0	0	0	0	0	0	12	6	14	14	21	8	75
Hepato-Biliary Cancer	0	0	0	0	0	0	0	2	0	4	4	4	14
Pancreatic Cancer	0	0	0	0	0	0	1	0	0	0	2	4	7
Breast Cancer	0	0	0	0	0	0	0	22	0	15	0	21	58
Cervical Cancer	0	0	0	0	0	0	0	65	0	24	0	21	110
Other Cancers	0	1	8	7	6	8	70	72	33	43	181	120	549

(Continued)

(Table 2.7 continued)

Name of the Diseases	Under 1 year		1-4 Years		5-14 years		15-49 Years		50-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
<b>Diseases of the Blood &amp; Blood-forming Organs</b>													
Neoplasia (benign + CIS)	0	0	2	2	3	4	26	103	4	32	13	24	213
Nutritional Anaemia	6	6	19	7	12	24	53	123	17	32	37	50	386
Blood & Immune Disorders	11	6	13	8	18	20	40	89	14	21	32	21	293
<b>Endocrine, Nutritional &amp; Metabolic Diseases</b>													
Diabetes <sup>2</sup>	0	0	0	1	2	1	150	204	229	190	306	297	1,380
Malnutrition (excludes child clinic attendance)	3	5	9	3	2	4	1	3	1	1	7	1	40
Other Nutritional & Metabolic Disorders <sup>2</sup>	40	44	18	19	3	8	55	91	26	25	36	35	400
<b>Mental &amp; Behavioural Disorders</b>													
Dementia	0	0	0	0	0	0	2	1	1	0	4	3	11
Mental and Behavioral Disorders due to Alcohol	0	0	0	0	3	1	569	194	84	47	34	24	956
Mental and Behavioral Disorders due to Multiple Drug use & other use of Psychoactive substances	0	0	0	0	1	4	146	24	5	1	2	4	187
Psychosis	0	0	0	3	1	1	54	45	6	1	3	5	119
Depression	0	0	0	0	1	8	75	149	12	17	9	13	284
Anxiety	0	0	0	0	5	10	73	150	8	12	7	8	273
Other Mental Disorders	1	1	3	1	5	14	94	122	5	13	14	10	283
<b>Diseases of the Nervous System</b>													
Meningitis/Encephalitis	10	9	7	6	5	4	30	25	1	6	9	22	134
Epilepsy <sup>2</sup>	8	11	16	18	27	23	108	74	25	16	14	12	352
Other Nervous Disorders (includes Peripheral disorders)	21	13	38	29	46	40	361	354	52	72	94	89	1,209
<b>Diseases of the Eye &amp; Ear</b>													
Conjunctivitis	3	0	1	0	6	7	21	8	1	1	2	3	53
Cataract <sup>2</sup>	0	0	2	0	5	7	29	14	16	13	107	110	303
Disorders of Refraction & Accommodation (Refractive Error in the Eye)	0	1	0	0	2	4	32	21	6	8	6	6	86
Other Eye Disorders	5	2	28	13	41	38	185	160	35	40	70	69	686
Otitis Media	4	4	5	7	17	18	46	50	10	6	3	7	177
Other Ear Disorders	5	2	24	13	35	39	87	70	13	11	10	20	329

(Continued)

(Table 2.7 continued)

Name of the Diseases	Under 1 year		1-4 Years		5-14 years		15-49 Years		50-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
<b>Diseases of the Circulatory System</b>													
Rheumatic Heart Disease <sup>2</sup>	1	0	2	1	4	4	23	27	12	13	11	15	113
Hypertension	0	0	0	0	2	1	369	402	286	241	573	578	2,452
Ischaemic Heart Diseases <sup>2</sup>	0	0	0	0	2	0	30	9	16	13	63	60	193
Cerebro-vascular Diseases <sup>2</sup>	1	0	1	4	1	1	61	52	43	32	182	122	500
Bubo	0	0	0	0	0	0	2	3	2	1	6	2	16
Other Circulatory Diseases	18	10	24	10	18	20	210	232	72	110	324	354	1,402
<b>Diseases of the Respiratory System</b>													
Common Cold	244	235	537	473	450	402	770	920	94	70	97	116	4,408
Acute Pharyngitis/ Tonsillitis	26	16	93	71	159	172	225	326	35	26	27	29	1,205
Pneumonia	161	125	318	249	109	104	125	114	40	61	189	220	1,815
Asthma	3	5	23	11	44	27	35	100	25	53	115	166	607
Other Respiratory & Nose Diseases	236	177	359	267	206	158	534	534	134	143	663	753	4,164
<b>Diseases of the Digestive System</b>													
Diseases of Teeth & Gums	3	2	27	30	115	119	219	258	43	42	50	59	967
Dental Caries	0	0	19	29	60	77	98	145	23	17	14	17	499
Peptic Ulcer Syndrome	7	3	35	18	49	55	490	554	89	84	145	150	1,679
Acute Appendicitis <sup>2</sup>	1	2	5	5	82	48	294	288	42	26	26	25	844
Alcoholic Liver Disease	0	0	0	0	0	0	390	258	152	109	128	106	1,143
Gall Bladder Diseases <sup>2</sup>	3	3	1	1	2	5	174	486	69	116	108	183	1,151
Other Diseases of the Digestive System	118	119	284	245	294	252	1,083	1,017	221	199	412	302	4,546
<b>Diseases of the Skin &amp; Subcutaneous Tissue</b>													
Skin Infections	40	28	88	68	145	133	334	263	56	38	91	41	1,325
Other Disorders of Skin and Subcutaneous Tissue	26	21	75	69	147	84	431	380	92	83	167	103	1,678
<b>Diseases of the Musculo-skeletal System &amp; Congenital Deformities</b>													
Arthritis & Arthrosis	3	0	11	0	23	20	152	108	43	30	66	50	506
Other Musculo-Skeletal Disorders	11	2	29	25	163	90	847	730	157	116	208	184	2,562

(Continued)

(Table 2.7 continued)

Name of the Diseases	Under 1 year		1-4 Years		5-14 years		15-49 Years		50-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
<b>Diseases of the Genito-Urinary System</b>													
Cystitis <sup>2</sup>	4	3	2	6	5	11	31	96	18	14	16	24	230
Infections of the Breast (includes Puerperium)	0	0	0	0	0	0	0	51	0	4	0	0	55
Other diseases of the Breast	0	0	0	0	0	0	4	73	2	3	0	4	86
Pelvic Inflammatory Disease <sup>2</sup>	0	0	0	0	0	11	0	243	0	75	0	0	329
Menstrual Disturbances	0	0	0	0	0	3	0	141	0	23	0	4	171
Other Kidney, UT/Genital Disorders	17	31	65	54	152	84	661	1,491	180	265	378	333	3,711
<b>Pregnancy, Childbirth &amp; the Puerperium</b>													
Abortions	0	0	0	0	0	0	0	743	0	0	0	0	743
Pregnancy Induced Hypertension	0	0	0	0	0	2	0	309	0	0	0	0	311
Ante-Partum Haemorrhage & Placenta Previa	0	0	0	0	0	0	0	240	0	0	0	0	240
Malpresentation	0	0	0	0	0	0	0	109	0	0	0	0	109
Prolonged Labour	0	0	0	0	0	0	0	189	0	0	0	0	189
Obstructed Labour	0	0	0	0	0	0	0	56	0	0	0	0	56
Post-Partum Haemorrhage	0	0	0	0	0	0	0	84	0	0	0	0	84
Retained Placenta	0	0	0	0	0	0	0	56	0	0	0	0	56
Puerperal Sepsis	0	0	0	0	0	0	0	68	0	0	0	0	68
Other Complications of Pregnancy	0	0	0	0	0	5	0	6,344	0	0	0	0	6,349
<b>Certain Conditions Originating in the Perinatal Period</b>													
Low Birth Weight	169	148	0	0	0	0	0	0	0	0	0	0	317
Foetal Death & Stillbirth	7	9	0	0	0	0	0	0	0	0	0	0	16
Neonatal Death	26	16	0	0	0	0	0	0	0	0	0	0	42
Conditions Originating in the Perinatal period	1,376	1,270	0	0	0	0	0	0	0	0	0	0	2,646
<b>Congenital Malformations, Deformations &amp; Chromosomal Abnormalities</b>													
Oro-facial Clefts	7	5	0	0	0	0	0	0	0	0	0	0	12
Gastrointestinal Tract defects	1	3	0	1	0	0	0	0	0	0	0	0	5
Talipes Equinovarus	0	0	0	0	0	0	0	0	0	0	0	0	0
Omphalocele	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Malformations	48	46	77	45	34	27	17	34	0	2	6	2	338

(Continued)

(Table 2.7 continued)

Name of the Diseases	Under 1 year		1-4 Years		5-14 years		15-49 Years		50-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
	<b>Injury, Poisoning &amp; certain other consequences of External Causes</b>												
Mushroom Poisoning (Toxic effect of other unspecified substances)	0	0	0	1	4	0	17	11	0	5	1	2	41
Transport Accidents	4	0	13	12	35	32	387	166	53	29	27	12	770
Accidental Falls	10	10	81	48	164	61	366	205	62	41	143	128	1,319
Other Bites and Sting (excludes dog bite)	1	0	6	5	36	17	67	60	22	18	19	18	269
Dog Bites	1	0	25	19	128	94	238	176	34	22	31	13	781
Accidental Drowning & Submersion	0	0	0	1	0	0	5	1	1	0	1	0	9
Exposure to Electric Current	0	0	0	0	5	0	9	0	0	0	0	0	14
Contact with Heat & Hot substances and exposure to Smoke, Fire &Flames	7	6	22	17	20	6	46	44	7	10	8	1	194
Snake Bite	1	0	1	0	2	3	54	23	15	5	7	5	116
Contact with Venomous Animals and Plants (excludes snake bite)	0	0	0	0	0	0	3	3	0	0	1	1	8
Accidental Poisoning by and Exposure to Noxious substances	2	1	6	5	3	4	11	10	1	0	1	0	44
Intentional Self-harm by Poisoning	0	0	0	0	0	0	13	14	2	0	1	0	30
Intentional Self-harm byDrowning & Submersion	0	0	0	0	0	1	0	1	0	0	0	0	2
Assault by Poisoning (includes homicidal poisoning)	0	0	0	0	0	0	0	1	0	0	0	0	1
Assault by Drowning and Submersion	0	0	0	0	0	0	3	0	0	0	0	0	3
Other Intentional Self-harm	0	0	0	0	2	1	29	14	3	0	3	0	52
Work Related Injuries	4	1	11	3	59	20	751	252	106	25	85	40	1,357
Others (injuries other than above & unknown cause of injury)	6	5	69	49	255	122	1,257	551	135	102	160	95	2,806
<b>Other Conditions</b>													
Complications of Health Care	4	5	3	6	6	6	27	31	10	4	9	5	116
ANC, Immunization & Other Counselling	94	96	4	2	3	2	38	577	2	4	5	3	830
<b>Total</b>	<b>3,013</b>	<b>2,657</b>	<b>2,943</b>	<b>2,323</b>	<b>3,471</b>	<b>2,775</b>	<b>14,112</b>	<b>22,795</b>	<b>3,224</b>	<b>3,118</b>	<b>6,041</b>	<b>5,692</b>	<b>72,164</b>

<sup>1</sup> Inpatient- those patients admitted to bed overnight (records deaths related to a particular disease) in hospitals & EHU-I

<sup>2</sup> The data are available only from hospitals.

Source: Annual Health Bulletin 2022, MoH.

Table 2.8: Outpatient<sup>1</sup> Cases in all Health Facilities by Sex and Age, 2022

Name of Diseases	Under 1 Year		1-4 Years		5-14 Years		15-49 Years		50-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
<b>Infectious Diseases</b>													
Diarrhoea	881	901	2,948	2,534	3,463	2,927	4,497	4,443	730	786	1,194	1,219	26,523
Dysentery	63	37	132	122	235	217	617	653	165	150	162	172	2,725
Tuberculosis <sup>2</sup>	0	0	1	0	0	2	44	45	12	18	14	9	145
Other Sepsis (includes Septicaemia)	0	0	0	0	0	1	4	1	1	0	0	2	9
Congenital Syphilis <sup>3</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0
Genital Ulcer	0	0	0	0	0	1	43	52	10	2	6	2	116
Syphilis	0	0	0	0	0	5	28	56	13	13	11	12	138
Urethral/Vaginal Discharges	0	0	6	9	5	206	946	2,753	83	514	36	222	4,780
Other Sexually Transmitted Disease (excludes HIV/AIDS)	0	0	0	0	0	2	248	234	25	26	25	6	566
Rickettsial Disease <sup>2</sup>	1	0	2	0	6	4	25	24	8	11	3	10	94
<b>Viral, Protozoal &amp; Helminthic Diseases</b>													
Chicken Pox	20	22	149	151	691	678	285	258	6	5	11	1	2,277
Acute Hepatitis A	0	0	0	0	1	0	3	3	1	1	1	0	10
Acute Hepatitis B	0	0	0	0	0	0	9	12	2	6	1	1	31
Other Acute Hepatitis (includes Hepatitis C&E)	0	0	0	0	0	0	5	2	1	0	0	0	8
Plasmodium Falciparum Malaria	0	0	0	0	0	0	0	2	0	1	1	0	4
Plasmodium Vivax Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Malaria	0	0	1	1	0	0	2	2	0	0	0	0	6
Visceral Leishmaniasis (Kala-azar)	0	0	0	0	0	0	4	1	0	0	0	1	6
Intestinal Worms	10	10	85	123	340	309	478	466	82	73	60	44	2,080
Scabies	44	50	255	230	1,656	1,118	1,412	1,425	171	139	203	142	6,845
Streptococcus Group A <sup>2</sup>	1	0	2	0	4	8	18	13	1	1	0	2	50
Other Infections (excludes ear, brain, STI)	203	233	622	608	783	808	1,602	1,785	268	297	317	328	7,854
<b>Neoplasms<sup>4</sup></b>													
Oesophagus Cancer	0	0	0	0	0	0	0	1	0	0	1	1	3
Stomach/ Gastric Cancer	0	0	0	0	10	6	82	130	21	33	6	10	298
Colon Cancer	0	0	0	0	0	0	0	1	0	0	0	0	1
Rectal Cancer	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepato-Biliary Cancer	0	0	0	0	0	0	0	0	0	0	0	0	0
Pancreatic Cancer	0	0	0	0	0	0	0	0	0	0	0	0	0
Breast Cancer	0	0	0	0	0	0	0	2	0	1	0	2	5
Cervical Cancer	0	0	0	0	0	0	0	2	0	1	0	3	6
Other Cancers	0	0	3	0	3	4	15	18	1	1	7	3	55

(continued)

(Table 2.8 continued)

Name of Diseases	Under 1 Year		1-4 Years		5-14 Years		15-49 Years		50-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
<b>Diseases of the Blood &amp; Blood-forming Organs</b>													
Neoplasia (benign + CIS)	0	0	0	0	6	17	35	119	5	13	15	22	232
Nutritional Anaemia	0	0	48	45	199	370	980	3,697	267	534	477	606	7,223
Blood & Immune Disorders	0	0	7	6	19	21	97	215	33	43	45	66	552
<b>Endocrine, Nutritional &amp; Metabolic Diseases</b>													
Diabetes <sup>2</sup>	0	0	1	3	4	3	1,485	1,949	1,721	2,036	1,967	1,771	10,940
Malnutrition (excludes child clinic attendance)	1	1	9	7	8	17	23	35	8	4	1	6	120
Other Nutritional & Metabolic Disorders <sup>2</sup>	21	33	114	124	251	432	818	1,190	170	221	259	292	3,925
<b>Mental &amp; Behavioural Disorders</b>													
Dementia	0	0	0	0	0	0	7	1	5	4	12	18	47
Mental and Behavioral Disorders due to Alcohol	0	0	0	0	1	6	710	245	91	57	50	31	1,191
Mental and Behavioral Disorders due to Multiple Drug use & other use of Psychoactive substances	0	0	0	0	4	11	309	120	33	27	9	0	513
Psychosis	0	0	0	0	5	6	241	190	41	58	11	35	587
Depression	0	0	0	0	12	28	452	807	182	163	57	97	1,798
Anxiety	0	1	0	1	36	76	914	1,483	162	217	119	153	3,162
Other Mental Disorders	2	0	39	28	40	67	440	578	96	99	94	106	1,589
<b>Diseases of the Nervous System</b>													
Meningitis/Encephalitis	0	0	1	1	1	2	2	17	4	2	3	3	36
Epilepsy <sup>2</sup>	6	4	15	16	47	40	652	684	99	79	52	53	1,747
Other Nervous Disorders (includes Peripheral disorders)	161	164	544	573	2,789	3,256	12,265	24,608	2,991	4,231	3,956	4,895	60,433
<b>Diseases of the Eye &amp; Ear</b>													
Conjunctivitis	143	143	384	365	1,046	941	2,676	2,898	617	754	881	977	11,825
Cataract <sup>2</sup>	0	1	1	10	61	91	301	355	158	164	325	313	1,780
Disorders of Refraction & Accommodation	5	3	8	20	217	329	1,221	1,794	442	500	548	521	5,608
Other Eye Disorders	300	293	723	726	2,418	2,599	9,301	11,940	2,619	3,265	4,499	5,337	44,020
Otitis Media	90	123	326	378	1,232	1,169	2,220	2,229	377	401	386	346	9,277
Other Ear Disorders	95	118	468	499	1,682	1,745	3,114	3,362	640	557	728	661	13,669

(continued)



(Table 2.8 continued)

Name of Diseases	Under 1 Year		1-4 Years		5-14 Years		15-49 Years		50-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
<b>Diseases of the Circulatory System</b>													
Rheumatic Heart Disease <sup>2</sup>	4	3	14	11	23	7	87	125	61	69	74	65	543
Hypertension	0	0	0	0	16	11	3,751	4,804	2,971	3,172	3,805	3,913	22,443
Ischaemic Heart Diseases <sup>2</sup>	0	0	0	0	1	2	53	69	23	21	42	29	240
Cerebro-vascular Diseases <sup>2</sup>	0	0	1	0	1	1	8	4	13	10	19	17	74
Bubo	0	0	0	0	0	0	12	21	4	5	10	8	60
Other Circulatory Diseases	17	15	45	31	86	141	784	1,162	155	207	225	272	3,140
<b>Diseases of the Respiratory System</b>													
Common Cold	4,943	5,115	13,187	12,669	21,448	21,934	35,105	39,988	6,256	6,655	7,572	7,925	182,797
Acute Pharyngitis/ Tonsillitis	244	258	1,266	1,287	4,708	4,908	9,506	11,985	1,354	1,552	1,409	1,285	39,762
Pneumonia	208	211	525	447	220	196	121	167	30	36	75	76	2,312
Asthma	7	7	21	8	29	45	185	352	161	217	298	348	1,678
Other Respiratory & Nose Diseases	1,332	1,342	3,297	3,074	5,702	5,801	10,561	14,247	1,896	2,249	2,826	2,982	55,309
<b>Diseases of the Digestive System</b>													
Diseases of Teeth & Gums	55	58	962	992	3,602	3,792	6,294	7,782	1,389	1,482	1,892	1,636	29,936
Dental Caries	0	0	987	1,111	4,641	4,951	9,044	12,314	1,934	1,948	2,415	2,133	41,478
Peptic Ulcer Syndrome	11	19	102	161	1,267	1,649	11,253	13,693	2,595	3,008	2,748	3,155	39,661
Acute Appendicitis <sup>2</sup>	0	1	2	1	21	29	122	165	21	22	23	23	430
Alcoholic Liver Disease	0	0	0	0	0	2	425	289	174	127	125	86	1,228
Gall Bladder Diseases <sup>2</sup>	0	0	1	0	5	3	35	42	12	8	11	10	127
Other Diseases of the Digestive System	640	707	2,686	2,530	6,572	7,752	17,523	22,932	3,477	3,935	4,915	5,381	79,050
<b>Diseases of the Skin &amp; Subcutaneous Tissue</b>													
Skin Infections	855	901	2,811	2,597	7,714	6,819	13,027	12,305	2,208	2,004	2,388	1,932	55,561
Other Disorders of Skin and Subcutaneous Tissue	1,403	1,505	3,823	3,609	7,744	7,860	17,336	20,951	3,109	3,379	4,114	3,880	78,713
<b>Diseases of the Musculo-skeletal System &amp; Congenital Deformities</b>													
Arthritis & Arthrosis	0	1	6	12	115	125	1,711	1,706	734	775	1,049	975	7,209
Other Musculo-Skeletal Disorders	45	30	270	282	2,246	2,078	21,537	22,641	5,706	6,069	7,688	7,364	75,956

(continued)

(Table 2.8 continued)

Name of Diseases	Under 1 Year		1-4 Years		5-14 Years		15-49 Years		50-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
<b>Diseases of the Genito-Urinary System</b>													
Cystitis <sup>2</sup>	0	0	3	3	12	25	114	490	13	57	19	35	771
Infections of the Breast (includes Puerperium)	0	0	0	0	0	5	0	164	0	5	0	7	181
Other diseases of the Breast	0	0	1	0	4	15	17	636	1	39	3	18	734
Pelvic Inflammatory Disease <sup>2</sup>	0	0	0	0	0	274	0	1,526	0	442	0	123	2,365
Menstrual Disturbances	0	0	0	0	0	339	0	3,455	0	582	0	166	4,542
Other Kidney, UT/Genital Disorders	19	22	182	231	583	1,035	3,830	13,587	5,394	1,716	1,235	1,547	29,381
<b>Pregnancy, Childbirth &amp; the Puerperium</b>													
Abortions	0	0	0	0	0	1	0	101	0	0	0	0	102
Pregnancy Induced Hypertension	0	0	0	0	0	0	0	151	0	0	0	0	151
Ante-Partum Haemorrhage & Placenta Previa	0	0	0	0	0	0	0	11	0	0	0	0	11
Malpresentation	0	0	0	0	0	0	0	11	0	0	0	0	11
Prolonged Labour	0	0	0	0	0	0	0	5	0	0	0	0	5
Obstructed Labour	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Partum Haemorrhage	0	0	0	0	0	0	0	2	0	0	0	0	2
Retained Placenta	0	0	0	0	0	0	0	4	0	0	0	0	4
Puerperal Sepsis	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Complications of Pregnancy	0	0	0	0	0	0	0	679	0	0	0	0	679
<b>Certain Conditions Originating in the Perinatal Period</b>													
Low Birth Weight	0	4	0	0	0	0	0	0	0	0	0	0	4
Foetal Death & Stillbirth	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal Death	0	1	0	0	0	0	0	0	0	0	0	0	1
Conditions Originating in the Perinatal period	134	84	0	0	0	0	0	0	0	0	0	0	218
<b>Congenital Malformations, Deformations &amp; Chromosomal Abnormalities</b>													
Oro-facial Clefts	0	0	0	0	0	0	0	0	0	0	0	0	0
Gastrointestinal Tract defects	0	0	0	0	0	0	0	0	0	0	0	0	0
Talipes Equinovarus	0	0	0	0	0	0	0	0	0	0	0	0	0
Omphalocele	0	1	0	0	0	0	0	0	0	0	0	0	1
Other Malformations	2	2	0	2	1	2	1	7	0	0	0	0	17

(continued)

(Table 2.8 continued)

Name of Diseases	Under 1 Year		1-4 Years		5-14 Years		15-49 Years		50-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
	<b>Injury, Poisoning &amp; certain other consequences</b>												
Mushroom Poisoning (Toxic effect of other unspecified substances)	0	0	0	3	3	6	9	14	0	5	3	2	45
Transport Accidents	0	1	10	13	41	28	517	228	54	28	16	17	953
Accidental Falls	7	30	213	148	683	385	1,241	753	201	168	286	223	4,338
Other Bites and Sting (excludes dog bite)	11	15	171	163	427	339	834	878	143	153	175	183	3,492
Dog Bites	1	7	173	194	799	583	1,528	1,151	268	182	300	187	5,373
Accidental Drowning & Submersion	0	0	0	2	7	9	19	15	5	3	3	1	64
Exposure to Electric Current	0	0	2	0	11	2	22	14	4	1	0	1	57
Contact with Heat & Hot substances and exposure to Smoke, Fire & Flames	27	10	172	113	157	142	358	364	51	46	47	53	1,540
Snake Bite	0	0	1	1	0	3	44	27	7	11	7	2	103
Contact with Venomous Animals and Plants (excludes snake bite)	0	0	2	1	2	1	6	10	3	3	2	0	30
Accidental Poisoning by and Exposure to Noxious substances	1	0	2	4	4	2	9	11	3	1	2	1	40
Intentional Self-harm by Poisoning	0	0	0	3	0	0	11	21	1	0	1	1	38
Intentional Self-harm by Drowning & Submersion	0	0	0	0	0	0	3	0	0	0	0	0	3
Assault by Poisoning (includes homicidal poisoning)	0	0	1	2	0	0	2	3	0	0	0	0	8
Assault by Drowning and Submersion	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Intentional Self-harm	0	0	1	0	5	6	108	44	20	3	11	2	200
Work Related Injuries	2	6	134	100	1,235	751	8,743	3,676	1,329	734	1,287	614	18,611
Others (injuries other than above & unknown cause of injury)	30	34	393	291	1,962	1,009	5,369	3,108	767	501	709	418	14,591
<b>Other Conditions</b>													
Complications of Health Care	20	22	26	30	35	20	150	206	36	29	59	32	665
ANC, Immunization & Other Counselling	3,688	3,647	4,267	4,283	2,472	2,664	8,504	28,432	1,854	3,008	2,872	3,185	68,876
<b>Total</b>	<b>15,753</b>	<b>16,196</b>	<b>42,654</b>	<b>40,989</b>	<b>91,879</b>	<b>93,274</b>	<b>238,549</b>	<b>318,428</b>	<b>56,799</b>	<b>60,175</b>	<b>67,313</b>	<b>68,814</b>	<b>1,110,823</b>

<sup>1</sup> Outpatient refers to a patient who attends a hospital for treatment without staying there overnight.

<sup>2</sup> These data are not collect from Primary Health Center.

<sup>3</sup> Congenital Syphilis -Only to be recorded at the JDWNRH/Regional Referral Hospitals.

<sup>4</sup> Only to be recorded at the JDWNRH/Regional Referral Hospitals.

Source: Annual Health Bulletin 2022, MoH.

Table 2.9: Number of Patient Admissions &amp; Average Length of Stay in Hospitals by Dzongkhag, 2022

Dzongkhag	Total Admission	Discharged	Deaths	Absconded	Patient days	BHU admissions
Bumthang	987	820	13	4	2,941	108
Chhukha	3,763	3,300	60	7	13,861	118
Dagana	1,143	998	20	22	3,737	643
Gasa	35	23		1	88	22
Haa	272	213	5		1,132	20
Lhuentse	570	435	6	1	1,930	158
Monggar	4,007	4,008	98		22,319	785
Paro	2,335	1,801	28	4	7,179	139
Pema Gatshel	993	773	13	6	3,867	235
Punakha	1,351	1,123	26	6	5,589	226
Samdrup Jongkhar	1,874	1,643	38	2	6,670	570
Samtse	2,966	2,287	53	3	10,748	425
Sarpang	3,781	3,425	86	15	15,291	90
Thimphu	16,849	15,837	514	18	127,027	21
Trashigang	902	802	7		2,719	188
Trashi Yangtse	3,687	3,003	71	1	3,646	399
Trongsa	468	387	7		1,250	80
Tsirang	1,635	1,457	27	1	6,724	96
Wangdue Phodrang	2,213	1,820	26		8,543	401
Zhemgang	587	495	17	1	2,064	368
<b>Total</b>	<b>50,418</b>	<b>44,650</b>	<b>1,115</b>	<b>92</b>	<b>247,325</b>	<b>5,092</b>

Source: Annual Health Bulletin 2022, MoH.

**Table 2.10: Number of Immunization by Type and Dzongkhag, 2022**

Dzongkhag	<sup>1</sup> BCG	<sup>2</sup> MR 1	<sup>2</sup> OPV 1 <sup>st</sup>	<sup>2</sup> OPV 3 <sup>rd</sup>	<sup>2</sup> Penta/DTP-Hep B-Hib 3 <sup>rd</sup>
Bumthang	206	285	254	284	803
Chhukha	767	893	884	952	2,784
Dagana	197	322	289	325	939
Gasa	8	46	39	37	114
Haa	71	160	176	161	510
Lhuentse	66	155	169	175	530
Monggar	387	475	521	539	1,582
Paro	654	816	839	851	2,542
Pema Gatshel	142	266	251	264	792
Punakha	290	357	355	315	1,036
Samdrup Jongkhar	350	465	389	468	1,312
Samtse	610	784	696	765	2,219
Sarpang	853	671	658	640	2,003
Thimphu	3,552	2,704	2,769	2,592	8,077
Trashigang	169	206	226	220	653
Trashi Yangtse	487	478	520	497	1,528
Trongsa	98	241	177	200	568
Tsirang	190	287	306	277	910
Wangdue Phodrang	465	610	621	625	1,847
Zhemgang	79	186	206	224	635
<b>Total</b>	<b>9,641</b>	<b>10,407</b>	<b>10,345</b>	<b>10,411</b>	<b>31,384</b>

Note: <sup>1</sup> Vaccine administered to children at birth

<sup>2</sup> Vaccine administered to children below 1 year

Source: Annual Health Bulletin 2022, MoH.

**Table 2.11: Number of Malaria Cases by Type and Deaths, 2018 - 2022**

Details	2018	2019	2020	2021	2022
Plasmodium vivax	36	31	46	18	5
Plasmodium falciparum	17	11	8	4	1
Mixed infections	1	0	0	1	0
Deaths due to malaria	1	0	0	0	0

Source: Annual Health Bulletin 2022, MoH.

**Table 2.12: Details of Maternal & Child Health Care Activities, 2018 - 2022**

(Number)

Type of care	2018	2019	2020	2021	2022
Antenatal care attendance	23,809	25,179	25,393	25,393	26,145
1 <sup>st</sup> visit	5,872	10,923	12,383	10,820	9,353
4 <sup>th</sup> visit	10,201	8,743	8,709	6,804	8,396
8 <sup>th</sup> visit	7,736	5,513	4,301	3,858	8,396
Deliveries attended by trained health personnel	11,658	10,156	11,139	11,470	9,490
Home	225	112	116	82	111
Facility	11,433	10,044	11,023	11,388	9,379
Post-Natal care attendance	13,697	29,889	30,851	24,309	30,199
1 <sup>st</sup> visit	4,814	4,253	5,764	5,973	5,325
4 <sup>th</sup> visit	8,883	8,007	7,990	8,926	8,244

Note: 2<sup>nd</sup> and 3<sup>rd</sup> visit has been deleted as MoH does not compile the records.

Source: Annual Health Bulletin 2022, MoH.

**Table 2.13: Number of Users of Family Planning Methods by Type, 2018 - 2022**

Method	2018	2019	2020	2021	2022
Intra Uterine Device (IUD) <sup>1</sup>	2,362	2,425	1,506	1,733	1,458
Oral Pills (OCP) <sup>2</sup>	62,299	58,868	60,608	67,554	60,398
Injection DMPA <sup>3</sup>	84,832	80,091	79,309	78,499	77,625
Vasectomy	5,763	4,918	4,376	2,913	2,415
Tubectomy	5,500	5,194	4,586	2,451	2,534
Condoms <sup>4</sup>	983,901	1,008,685	1,012,811	957,115	971,943

Note: <sup>1</sup> IUD = Number inserted

<sup>2</sup> Pills = No. of cycles (1 user is equal to 12 or 13 cycles)

<sup>3</sup> DMPA = No. of injections (1 user is equal to 12 or 13 cycles)

<sup>4</sup> Condoms = No. of pieces distributed

Source: Annual Health Bulletin 2022, MoH.

Table 2.14: Number of Users of Family Planning Methods by Type and Dzongkhag, 2022

Dzongkhag	Family planning methods						Condom issued <sup>4</sup>
	IUD Inserted	Oral pills <sup>2</sup>	DMPA <sup>3</sup>	Vasectomy <sup>1</sup>	Tubectomy <sup>1</sup>		
Bumthang	50	1,581	1,872	16	79		60,674
Chhukha	99	4,730	5,794	0	0		52,672
Dagana	37	3,332	3,145	80	81		24,625
Gasa	4	658	534	0	0		6,239
Haa	16	1,131	1,289	17	79		14,527
Lhuentse	21	1,131	1,435	33	86		25,915
Monggar	122	3,211	6,216	96	219		80,682
Paro	49	2,672	5,424	0	0		29,466
Pemagatshel	20	2,039	2,339	0	0		32,599
Punakha	46	2,161	3,091	19	46		35,536
Samdrup Jongkhar	27	3,911	4,020	0	0		37,454
Samtse	34	9,665	8,553	1,163	543		59,836
Sarpang	139	4,921	6,313	212	443		61,556
Thimphu	462	4,894	8,658	8	8		188,171
Trashi Yangtse	67	1,430	2,169	0	0		26,915
Trashigang	53	3,590	5,424	162	201		53,684
Trongsa	57	1,128	1,524	0	0		41,029
Tsirang	29	2,970	3,293	35	25		37,444
Wangdue	99	3,674	3,708	511	655		76,537
Zhemgang	27	1,569	2,824	63	69		26,382
<b>Total</b>	<b>1,458</b>	<b>60,398</b>	<b>77,625</b>	<b>2,415</b>	<b>2,534</b>		<b>971,943</b>

Note: <sup>1</sup> Cumulative figures, collected from Annual Household Survey

<sup>2</sup> Pills = No. of cycles (1 user is equal to 12 or 13 cycles)

<sup>3</sup> DMPA = No. of injections (1 user is equal to 12 or 13 cycles)

<sup>4</sup> Condoms = No. of pieces distributed

Source: Annual Health Bulletin 2022, MoH.

**Table 2.15: Proportion of Household with Improved Water Source and Improved Sanitation Facility by Dzongkhag, 2022**

(Percent)

Dzongkhag	Improved Water Source	Improved Sanitation Facility
Bumthang	99.80	96.91
Chhukha	99.81	100.00
Phuentshogling Thromde	99.59	100.00
Other than Phuentshogling Thromde	100.00	100.00
Dagana	100.00	100.00
Gasa	99.79	86.94
Haa	100.00	98.91
Lhuentse	100.00	99.44
Monggar	99.67	98.26
Paro	100.00	98.56
Pema Gatshel	100.00	98.50
Punakha	99.81	97.74
Samdrup Jongkhar	99.70	99.62
Samdrup Jongkhar Thromde	99.14	99.78
Other than Samdrup Jongkhar Thromde	99.88	99.57
Samtse	100.00	98.68
Sarpang	100.00	99.77
Gelegphu Thromde	100.00	99.49
Other than Gelegphu Thromde	100.00	99.85
Thimphu	100.00	99.51
Thimphu Thromde	100.00	99.76
Other than Thimphu Thromde	100.00	98.08
Trashigang	99.84	99.41
Trashi Yangtse	100.00	99.54
Trongsa	99.81	99.61
Tsirang	100.00	99.81
Wangdue Phodrang	100.00	99.84
Zhemgang	99.82	97.77
<b>Total</b>	<b>99.92</b>	<b>99.14</b>

Source: Bhutan Living Standard Survey 2022, NSB



Table 2.16: Nutritional and Vitamin 'A' Status of Children Attending Clinics by Dzongkhag, 2022

Dzongkhag	Child Attendance						Children normal (lt/ht for age)	Vitamin A Supplementation/Deworming			(Number)		
	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		Children 6-11 months given Vitamin A	Children 12-59 months given Vitamin A	Post-partum mothers given Vitamin A		Children 12-59 months given Deworming	
	New	Old		New	Old	New							Old
Bumthang	151	87	945	190	2,489	13	3,309	6,044	266	1,639	178	1,430	
Chhukha	520	777	1,550	1,420	6,879	1,000	9,260	18,981	1,140	4,879	706	4,351	
Dagana	126	397	558	217	2,574	246	3,934	7,083	398	1,857	149	1,632	
Gasa	17	35	99	26	351	9	607	983	46	288	6	281	
Haa	65	430	553	53	941	121	1,414	3,096	192	681	65	574	
Lhuentse	55	104	155	90	1,317	65	2,352	3,906	183	917	37	762	
Monggar	233	290	1,445	327	4,975	8	7,087	12,136	505	3,421	570	2,999	
Paro	3	751	816	697	8,203	42	9,823	18,300	782	4,625	609	4,052	
Pema Gatshel	127	128	357	128	2,441	21	4,182	6,809	258	1,941	100	1,702	
Punakha	74	357	362	572	2,718	434	3,374	7,761	453	1,553	35	1,374	
Samdrup Jongkhar	196	414	549	312	3,664	80	6,820	10,664	447	4,048	313	2,961	
Samtse	267	872	1,689	745	6,788	180	10,834	19,028	792	5,236	474	4,816	
Sarpang	362	347	536	821	5,544	109	8,953	15,252	716	4,377	742	4,040	
Thimphu	1,698	1,797	3,230	1,977	22,188	2,722	22,974	45,132	2,646	12,664	3,430	10,860	
Trashigang	42	177	850	168	2,113	21	3,850	6,173	239	1,638	161	1,499	
Trashi Yangtse	107	402	787	445	4,356	215	6,585	11,042	488	2,948	239	2,711	
Trongsa	96	194	291	35	1,833	2	2,857	4,962	174	1,408	84	1,173	
Tsiring	98	325	346	112	2,603		4,458	7,290	320	1,936	94	1,755	
Wangdue Phodrang	155	1,048	866	526	4,766	305	5,569	11,185	663	2,762	298	2,478	
Zhemgang	79	264	305	124	1,468	43	2,439	3,977	188	1,181	80	990	
<b>Total</b>	<b>4,471</b>	<b>9,196</b>	<b>16,289</b>	<b>8,985</b>	<b>88,211</b>	<b>5,636</b>	<b>120,681</b>	<b>219,804</b>	<b>10,896</b>	<b>59,999</b>	<b>8,370</b>	<b>52,440</b>	

Source: Annual Health Bulletin 2022, MoH.

Table 2.17: Number of Tuberculosis Cases by Type, Sex and Age Group, 2022

TB Classification	0-4 Years		5-14 Years		15-24 Years		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
											Male	Female	Male	Female	Male	Female		Male	Female	Male	Female
Pulmonary Bacteriologically Confirmed	New	0	2	3	3	64	85	55	61	31	19	23	6	12	3	25	13	405			
	Relapse	0	0	0	1	4	2	3	6	3	2	4	3	1	1	2	2	34			
	Previously treated(excluding relapse)	0	0	0	0	5	1	1	0	2	0	1	0	0	0	0	0	1	11		
	Previous treated history unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pulmonary Clinically Diagnosed	New	0	0	0	2	10	3	3	4	7	4	4	2	2	3	6	1	51			
	Relapse	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	3			
	Previously treated(excluding relapse)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Previous treated history unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ExtraPulmonary Bacteriologically Confirmed and Clinically Diagnosed	New	2	1	4	12	30	38	35	52	13	21	17	12	15	10	10	11	283			
	Relapse	0	0	0	2	1	4	3	2	1	0	1	1	1	0	2	0	18			
	Previously treated(excluding relapse)	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	1	4			
	Previous treated history unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
<b>Total</b>	<b>2</b>	<b>3</b>	<b>7</b>	<b>20</b>	<b>114</b>	<b>135</b>	<b>100</b>	<b>126</b>	<b>57</b>	<b>47</b>	<b>50</b>	<b>24</b>	<b>33</b>	<b>17</b>	<b>45</b>	<b>29</b>	<b>809</b>				

Source: Annual Health Bulletin 2022, MoH.

**Table 2.18: Number of Persons Availing Traditional Medicine Service by Disease Type, Sex and Age Group, 2022**

Name of Diseases	0-8 Years		9-59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	
Baedken ned	8	7	525	813	256	453	2,062
Bji ned	2	2	1	1	0	0	6
Chaa baab ned	0	0	15	19	1	10	45
Chham rem	69	82	248	245	92	98	834
Chher ned	0	0	35	58	27	20	140
Chhin ned	2	1	247	220	73	67	610
Chin nyiwai ned	7	8	439	613	226	212	1,505
Chong chen gi ned	0	1	3	5	2	0	11
Chuser gi ned	4	5	423	723	286	353	1,794
Dreg ned	1	1	412	599	245	280	1,538
Drey ned	2	1	81	51	22	31	188
Druumbui ned	2	10	1,542	3,006	1,027	1,401	6,988
Go ned	10	9	1,621	3,780	439	666	6,525
Ja ned tshed thru	0	1	11	17	8	9	46
Jae jed	3	2	73	108	7	13	206
Ju ned	0	0	88	87	21	28	224
Jur pa methroe pai dhug	0	1	5	8	0	2	16
Kha ned	3	5	167	306	46	68	595
Khel ned	5	5	1,471	2,183	609	611	4,884
Long ned	0	0	24	37	6	4	71
Lowai ned	40	31	561	749	330	425	2,136
Mazhuwa	6	6	186	293	122	190	803
Menbu	0	0	17	86	1	1	105
Mig ned	2	5	48	101	24	23	203
Mo ned	0	5	0	146	0	36	187
Mo tshen ned	0	3	0	227	0	31	261
Moogpo	0	2	105	221	47	110	485
Nying ned	2	7	441	830	198	308	1,786
Nyo jed	1	2	67	117	16	17	220
Paag ned	24	22	1,133	1,404	381	409	3,373
Pho ned	22	47	3,011	5,384	1,249	1,859	11,572
Pho tshen ned	6	0	102	0	41	0	149
Remtshed	333	299	1,014	1,359	437	455	3,897
Sin ned	5	8	246	408	108	88	863
Suryia	0	0	27	54	4	6	91
Thra gi Nyingzer	4	7	1,571	2,577	1,011	1,498	6,668
Thru ned	2	1	30	38	12	18	101
Tren ned	1	2	69	149	31	45	297
Tsa wai ned	5	8	154	197	51	63	478
Ug medewa	1	4	193	410	153	202	963
Yama go sin	45	22	2,519	4,678	499	739	8,502
Zhang druum	4	8	975	1,088	243	224	2,542
mThri Ned	1	1	262	424	104	156	948
rLung ned	4	6	1,721	3,224	1,650	2,782	9,387
rMa chi	4	4	143	119	48	59	377
rNaawai ned	2	2	71	135	20	28	258
rTsa kar	48	50	4,198	6,488	2,444	3,320	16,548
sNa ned	10	9	149	271	26	29	494
<b>Total</b>	<b>690</b>	<b>702</b>	<b>26,444</b>	<b>44,056</b>	<b>12,643</b>	<b>17,447</b>	<b>101,982</b>

Source: Annual Health Bulletin 2022, MoH.

**Table 2.19: Number of Persons availing Therapeutic Services from Traditional Medicine Service by Type, Sex and Age Group, 2022**

Type	0 – 8 Years		9 – 59 Years		60+ Years		Total
	Male	Female	Male	Female	Male	Female	
Gold needle	7	18	4,171	6,684	3,082	3,964	17,926
Gold needle with Moxa	0	0	13	34	18	14	79
Silver needle	0	1	116	162	92	72	443
Blood letting	37	63	402	674	163	192	1,531
Cauterization	3	0	20	53	15	13	104
Hot oil compression	37	28	2,073	5,112	2,157	3,794	13,201
Wet cupping	29	41	425	505	177	184	1,361
Localized steaming	43	88	7,479	11,255	4,638	6,045	29,548
Herbal steam bath	0	4	954	1,573	818	1,185	4,534
Herbal bath	0	0	1,225	2,045	902	702	4,874
Nasal cleansing	46	20	763	1,151	374	563	2,917
Acupuncture	5	0	4,436	9,353	2,465	2,994	19,253
Moxabusion	0	0	40	81	45	34	200
Ginger moxa	0	0	105	251	40	73	469
Horn suction	0	0	4	2	0	0	6
Herbal ball compression	0	1	223	404	121	222	971
Herbal compression	21	20	1,004	1,369	500	604	3,518
Purgation	0	0	7	5	1	0	13
Emesis	0	0	7	57	6	1	71
Mild Enema	16	25	352	481	130	82	1,086
Strong enema	4	9	183	182	48	18	444
Urine analysis	0	0	144	212	132	164	652
Affusion	0	0	74	307	9	40	430
Massage	19	15	1,579	2,372	1,099	1,359	6,443
Zhey ney and lue jong	2	7	563	897	185	214	1,868
Other compression	0	0	5	9	4	4	22
<b>Total</b>	<b>269</b>	<b>340</b>	<b>26,367</b>	<b>45,230</b>	<b>17,221</b>	<b>22,537</b>	<b>111,964</b>

Source: Annual Health Bulletin, 2022

The modern education system in Bhutan was introduced with the initiation of economic development plans in 1961. The Education system today has three main forms: General education, Monastic education, and Non-Formal education. Monastic education was the only form of education till the 1950s and continues to date. There is now an extensive network of schools and other educational institutions spread throughout the country. Many schools also provide boarding facilities for students living in areas far from the school with meals provided by the government.

Students spend a total of seven years in Primary education (PP-VI); two years in Lower Secondary (VII-VIII); two years in Middle Secondary (IX-X); and two years in Higher Secondary (XI-XII). The constitution mandates free basic education for all citizens in Bhutan till grade X. However, support for education until grade XII has been introduced by the Government in 2020. Beyond the 12<sup>th</sup> standard, students either continue their tertiary education in institutes and universities or join vocational training institutes, or enter the labour market within or outside the country. Since 2020, the official school-going age for children has been revised to age five from six.

The medium of instruction in the schools is Dzongkha (national language) and English. Besides covering all the General Education Curriculum required for a particular grade, students also engage in co-curricular activities such as sports, scouts, singing, dancing, painting, arts, etc. Besides the modern education system, there are large numbers of traditional institutions offering education to children in Monasteries, Drupdras, and Shedras. Non-formal education (NFE) programs have gained widespread popularity as an effective program for providing basic literacy, numeracy, and functional skills among the adult population. It was first established formally in 1992. Basic reading, writing, and numeric skills are taught to enhance their livelihood and better manage day-to-day activities.

Recognizing that education is the fundamental link to national progress, the Royal Government of Bhutan has always emphasized education as one of the priority sectors. Although Bhutan has achieved tremendous progress in the field of education, new priority areas are emerging such as improving quality and inclusiveness, adaptive and digital learning, emphasis on learning instead of classroom teaching, gearing learning towards emerging jobs, improving the learning facilities and enhancement of ECCD enrollment and facilities.

The statistics presented in this chapter provide an overview of Bhutan's current education scenario and include key education indicators, the number of schools, institutes, colleges, students, teachers, and lecturers.

### Concepts and Definition

**Gross Enrolment Ratio ECCD:** Total Enrolment in ECCD regardless of age expressed as a percentage of the population of the official age (3-5 years old).

**Apparent Intake Rate:** Total number of new entrants in PP expressed as a percentage of the official school-going aged population (5-year-old population).

**Net Intake Rate:** Total number of 5-year-old new entrants in PP expressed as a percent-

age of the official school-going aged population (5-year-old population).

**Net Enrolment Rate Primary:** The number of pupils of official primary school age who are enrolled in primary education as a percentage of the total children of the official school-age population.

**Adjusted Net Enrolment Rate (5-12 years):** The number of pupils of official primary school age (5-12yrs) enrolled in any level or form of education expressed as a percentage of the total children of the official primary school age population

**Net Enrolment Rate Basic (PP-X):** The net enrolment ratio is the number of boys and girls of the age of a particular level of education that are enrolled in that level of education, expressed as a percentage of the total population in that age group.

**Gross Enrolment Ratio:** Number of students enrolled in a given level of education, regardless of age, expressed as a percentage of the official school-age population corresponding to the same level of education.

**Repetition Rate (Primary):** Proportion of pupils from a cohort enrolled in a given grade at a given school year of primary or secondary education who study in the same grade in the following school year.

**Dropout Rate (Primary):** Proportion of students that fail to complete education in that grade and are not currently attending any educational institution.

**Primary Completion Rate:** The primary completion rate is the ratio of the total number of students successfully completing (or graduating from) the last year of primary school in a given year to the total number of children of official graduation age in the population.

**Survival rate to grade:** Percentage of a cohort of students enrolled in a given grade in a given school year who are expected to reach a given grade, regardless of repetition.

**Transition rate:** New entrants to the first grade of a given school level, expressed as a percentage of the number of pupils enrolled in the final grade of a given level of education in the previous year.

**Table 3.1: Key Education Indicators by Year, 2019 - 2023**

Indicators	(Percent)				
	2019	2020	2021	2022	2023
Net Enrolment Rate ECCD	20.50	23.71	27.81	38.30	37.66
Net Enrolment Rate Primary (PP-VI)	91.20	92.94	93.51	78.92	94.27
Net Enrolment Rate Basic (PP-X)	89.80	90.56	90.57	81.01	92.71
Net Enrolment Rate Secondary (VII-X)	74.10	75.71	75.26	60.10	68.90
Gross Enrolment Ratio ECCD	25.30	24.19	31.81	45.57	54.47
Gross Enrolment Ratio Primary	101.80	108.80	96.50	111.75	110.11
Gross Enrolment Ratio Basic (PP-X)	100.30	103.32	90.10	104.80	104.31
Gross Enrolment Ratio Secondary (Class VII-XII)	93.30	93.09	92.46	90.47	85.35
Gross Enrolment Ratio Higher Secondary (XI-XII)	83.96	89.81	92.44	84.05	67.29
Gross Enrolment Ratio Tertiary within Bhutan (19-23 years)	16.80	17.87	18.90	18.70	18.79
Gross Enrolment Ratio Tertiary within Bhutan and outside Bhutan (19-23 years)	24.90	23.58	25.11	24.10	NA
Adjusted Net Enrolment Rate (5 - 11 years) <sup>1</sup>	96.50	99.37	99.88	79.09	94.57
Net Intake Rate	56.40	51.85	79.20	44.78	61.55
Apparent Intake Rate	98.70	138.90	100.74	107.14	94.23
BCSE Pass Percentage	96.60	93.63	96.57	70.12	71.60
BHSEC Pass Percentage	86.78	91.55	90.63	82.00	87.79
Repetition Rate (Primary)	7.90	7.80	5.40	10.10	5.40
Dropout Rate (Primary)	1.50	1.40	3.20	2.10	3.20
Primary Completion Rate	87.50	89.95	81.20	96.40	81.20
Basic Completion rate (Grade X)	93.50	...	83.50	80.70	66.97
Survival rate to grade VI	83.20	86.80	80.80	93.80	95.65
Survival rate to grade X	79.90	84.30	72.70	88.10	96.94
Transition rate (Primary to Lower secondary)	93.80	106.14	89.09	84.30	89.44
Transition rate (Lower Secondary to Middle Secondary)	87.10	99.11	88.55	67.90	55.33
Transition rate (Middle Secondary to Higher Secondary)	89.70	89.49	83.74	67.10	68.69

<sup>1</sup> From 2021 onwards the children were enrolled in schools from 5 years (before 2021, the Primary level was from 6 - 12 years).

Source: Education Management Information System, MoESD.

**Table 3.2: Number of Schools, Institutes and Centres, 2023**

School/Institutes/Centres	Government	Private	Total
<b>Early Childhood Development</b>	<b>442</b>	<b>83</b>	<b>525</b>
Early Childhood Care Development (ECCD) Centres <sup>1</sup>	442	83	525
<b>Schools Education</b>	<b>652</b>	<b>27</b>	<b>679</b>
Extended Classrooms	45	0	45
Primary Schools	323	10	333
Lower Secondary Schools	38	1	39
Middle Secondary Schools	57	2	59
Higher Secondary Schools	79	14	93
Special Institutes	2	0	2
Central Schools <sup>2</sup>	NA	NA	NA
Autonomous Schools	69	0	69
Schools with SEN Program	39	0	39
<b>Tertiary Education</b>	<b>23</b>	<b>3</b>	<b>26</b>
Tertiary Institutes within Bhutan	14	3	17
Technical Training Institutes			
Technical/Vocational Institutes	7	0	7
Institute of Zorig Chusum	2	0	2
<b>Other Forms of Education</b>	<b>665</b>	<b>1</b>	<b>666</b>
Monastic Education (Lobdras and Shedras) <sup>3</sup>	202	....	202
Continuing Education Centres	0	1	1
Non-Formal Education Centres <sup>4</sup>	463	0	463
<b>Total</b>	<b>1,782</b>	<b>114</b>	<b>1,896</b>

<sup>1</sup> Private ECCD includes ECCD under NGO, Private & Corporation.

<sup>2</sup> Central Schools and Autonomous School already counted under general Schools.

<sup>3</sup> The data is only inclusive of lobdras and shedras.

<sup>4</sup> The Non-Formal Education Centers include Community Learning Centers as well.

Source: Education Management Information System, MoESD.



**Table 3.3: Number of ECCD Centres and Children by Dzongkhags, 2023**

<b>Dzongkhag</b>	<b>ECCD Centres</b>	<b>Children Enrolled</b>
<b>Bumthang</b>	<b>17</b>	<b>285</b>
<b>Chhukha</b>	<b>38</b>	<b>1,127</b>
Phuentsholing Thromde	5	312
Other than Phuentsholing Thromde	33	815
<b>Dagana</b>	<b>22</b>	<b>485</b>
<b>Gasa</b>	<b>4</b>	<b>112</b>
<b>Haa</b>	<b>7</b>	<b>129</b>
<b>Lhuentse</b>	<b>16</b>	<b>320</b>
<b>Monggar</b>	<b>48</b>	<b>1,045</b>
<b>Paro</b>	<b>20</b>	<b>683</b>
<b>Pema Gatshel</b>	<b>21</b>	<b>325</b>
<b>Punakha</b>	<b>27</b>	<b>602</b>
<b>Samdrup Jongkhar</b>	<b>29</b>	<b>681</b>
Samdrup Jongkhar Thromde	4	191
Other than Samdrup Jongkhar Thromde	25	490
<b>Samtse</b>	<b>49</b>	<b>1,016</b>
<b>Sarpang</b>	<b>36</b>	<b>875</b>
Gelephu Thromde	5	247
Other than Phuentsholing Thromde	31	628
<b>Thimphu</b>	<b>44</b>	<b>2,144</b>
Thimphu Thromde	31	1,831
Other than Thimphu Thromde	13	313
<b>Trashigang</b>	<b>20</b>	<b>426</b>
<b>Trongsa</b>	<b>17</b>	<b>414</b>
<b>Tsirang</b>	<b>19</b>	<b>396</b>
<b>Wangdue</b>	<b>24</b>	<b>604</b>
<b>Zhemgang</b>	<b>22</b>	<b>423</b>
<b>Total</b>	<b>525</b>	<b>13,012</b>

Source: Education Management Information System, MoESD.

Table 3.4: Number of Students, Learners, Trainees and Novitiates, 2023

Details	Government			Private			Total		
	Female	Male	Both Sex	Female	Male	Both Sex	Female	Male	Both Sex
<b>Early Childhood Care Development Centre</b>	<b>4,810</b>	<b>4,905</b>	<b>9,715</b>	<b>1,568</b>	<b>1,729</b>	<b>3,297</b>	<b>6,378</b>	<b>6,634</b>	<b>13,012</b>
<b>School Education</b>	<b>76,526</b>	<b>72,408</b>	<b>148,934</b>	<b>3,504</b>	<b>3,746</b>	<b>7,250</b>	<b>80,030</b>	<b>76,154</b>	<b>156,184</b>
Extended Classroom	516	503	1,019	0	0	0	516	503	1,019
Primary Schools	22,602	22,336	44,938	674	721	1,395	23,276	23,057	46,333
Lower Secondary Schools	8,483	8,212	16,695	92	116	208	8,575	8,328	16,903
Middle Secondary Schools	18,242	17,192	35,434	323	374	697	18,565	17,566	36,131
Higher Secondary Schools	26,225	23,467	49,692	2,415	2,535	4,950	28,640	26,002	54,642
Special Institutes	56	75	131	0	0	0	56	75	131
Central Schools <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEN Students <sup>2</sup>	402	623	1,025	0	0	0	402	623	1,025
<b>Tertiary Education</b>	<b>4,103</b>	<b>4,276</b>	<b>8,379</b>	<b>1,214</b>	<b>1,308</b>	<b>2,522</b>	<b>5,317</b>	<b>5,584</b>	<b>10,901</b>
Tertiary Students within Bhutan	4,103	4,276	8,379	1,214	1,308	2,522	5,317	5,584	10,901
Tertiary Students abroad <sup>3</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Technical Training Institutes</b>	<b>2,030</b>	<b>1,035</b>	<b>3,065</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>2,030</b>	<b>1,035</b>	<b>3,065</b>
Technical & Vocational Education and Training	1,627	645	2,272	0	0	0	1,627	645	2,272
Institute of Zorig Chusum	403	390	793	0	0	0	403	390	793
<b>Other Forms of Education</b>	<b>3,890</b>	<b>9,383</b>	<b>13,273</b>	<b>61</b>	<b>36</b>	<b>97</b>	<b>3,759</b>	<b>9,348</b>	<b>13,107</b>
Monastic Education (Lobdras and Shredras)	...	7,944	7,944	0	0	0	0	7,944	7,944
Continuing Education	0	0	0	61	36	97	61	36	97
Non-Formal Education Centres	3,890	1,439	5,329	0	0	0	3,698	1,368	5,066

<sup>1</sup> Central School students already included under general Schools.

<sup>2</sup> Included Special Institutes students

<sup>3</sup> For tertiary students abroad, under the government category, it includes students who are on various scholarships administered by DAHE and other organizations.

Source: Education Management Information System, MoESD.

Table 3.5: Number of Teachers, Lecturers, Instructors, Trainers and Facilitators, 2023

Details	Government			Private			Total		
	Female	Male	Both Sex	Female	Male	Both Sex	Female	Male	Both Sex
<b>Early Childhood Development</b>									
Early Childhood Care Development (ECCD) Centres	563	29	592	308	9	317	871	38	909
<b>School Education</b>	4,180	5,413	9,593	286	279	324	4,466	5,692	10,158
Extended Classroom	32	76	108	0	0	0	32	76	108
Primary Schools	1,387	1,694	3,081	84	38	122	1,471	1,732	3,203
Lower Secondary Schools	504	528	1,032	12	8	12	516	536	1,052
Middle Secondary Schools	996	1,200	2,196	34	21	34	1,030	1,221	2,251
Higher Secondary Schools	1,247	1,893	3,140	156	212	156	1,403	2,105	3,508
Special Institutes	14	22	36	0	0	0	14	22	36
<b>Tertiary Education</b>	191	436	627	88	73	161	279	509	788
Tertiary Institutes within Bhutan	191	436	627	88	73	161	279	509	788
<b>Technical Training Institutes</b>	47	101	148	0	0	0	47	101	148
Technical/Vocational Institutes	36	64	100	0	0	0	36	64	100
Institutes of Zorig Chusum	11	37	48	0	0	0	11	37	48
<b>Other Forms of Education</b>	350	114	464	0	0	0	350	114	464
Monastic Education	...	...	...	...	...	...	...	...	...
Non-Formal Education Centres	350	114	464	0	0	0	350	114	464
<b>Total</b>	<b>5,331</b>	<b>6,093</b>	<b>11,424</b>	<b>682</b>	<b>361</b>	<b>802</b>	<b>6,013</b>	<b>6,454</b>	<b>12,467</b>

Note: SEN teachers are already counted in other school levels.

Source: Education Management Information System, MoESD.

Table 3.6: Enrolment in Institutions and at Tertiary level, 2019 - 2023

Institutions	Ownership	(Number)				
		2019	2020	2021	2022	2023
<b>Royal University of Bhutan</b>		<b>10,793</b>	<b>11,365</b>	<b>11,696</b>	<b>11,338</b>	<b>10,338</b>
College of Natural Resources	Government	991	969	1,047	1,025	684
College of Science and Technology	Government	938	994	885	1,112	1,077
College of Language and Cultural Studies	Government	1,158	1,117	1,104	872	825
Jigme Namgyel Engineering College	Government	721	694	1,479	829	717
Paro College of Education	Government	1,594	1,589	1,529	1,535	1,298
Samtse College of Education	Government	741	913	750	580	420
Sherubtse College	Government	1,578	1,618	1,528	1,551	1,141
Gaeddu College of Business Studies	Government	1,619	1,624	1,621	1,549	1,358
Gyalpoising College of Information Technology	Government	264	265	284	304	396
Royal Thimphu College	Private	983	1,203	1,203	1,554	1,588
Norbuling Rigter College	Private	162	335	236	401	834
Yonphula Centenary College	Government	44	44	30	26	NA
<b>Khesar Gyalpo University of Medical Sciences</b>		<b>628</b>	<b>686</b>	<b>759</b>	<b>896</b>	<b>326</b>
Faculty of Nursing and Public Health	Government	469	486	510	592	187
Faculty of Traditional Medicine	Government	91	79	83	89	24
Faculty of Postgraduate Medicine	Government	36	49	61	64	15
Arura Academy of Health Sciences	Private	32	72	105	151	100
<b>Autonomous Institutes</b>		<b>1,523</b>	<b>246</b>	<b>321</b>	<b>460</b>	<b>237</b>
Royal Institute of Management	Government	298	203	234	352	205
Jigme Singye Wangchuk School of Law	Government	62	43	87	108	32
<b>Vocational Institutes</b>		<b>1,690</b>	<b>555</b>	<b>1,125</b>	<b>1,371</b>	<b>2,821</b>
TTL, Chumey	Government	241	63	196	368	255
TTL, Khuruthang	Government	240	94	135	63	390
TTL, Rangjung	Government	183	67	63	170	220
TTL, Samthang	Government	154	89	118	165	508
JWPTI, Dekling	Government	301	41	203	234	510
RDTC, Zhemgang	Government	79	127	145	63	145
Zorig Chusum, Thimphu	Government	295	5	147	214	592
Zorig Chusum, Trashie Yangtse	Government	197	69	118	94	201
<b>Total</b>		<b>14,634</b>	<b>12,852</b>	<b>13,901</b>	<b>14,065</b>	<b>13,722</b>

Note: TTL (Technical Training Institute); JWPTI (Jigme Wangchuk Power Training Institute).

Source: State of Tertiary Education (STE) 2022, DAHE, MoESD.

Table 3.7: Number of Schools by Type and Dzongkhag, 2023

Dzongkhag	Public					Private			(Number)
	Extended Classrooms	Primary Schools	Lower Secondary Schools	Middle Secondary Schools	Higher Secondary Schools	Primary Schools	Lower Secondary Schools	Middle Secondary Schools	
Bumthang	2	12	1	1	3	0	0	0	0
Chhukha	2	28	0	8	6	0	0	0	2
Phuntsholing Thromde	0	2	0	0	2	0	0	0	2
Other than Phuntsholing Thromde	2	26	0	8	4	0	0	0	0
Dagana	2	15	3	2	4	0	0	0	0
Gasa	3	2	0	1	1	0	0	0	0
Haa	1	5	2	0	2	0	0	0	0
Lhuentse	2	12	0	2	2	0	0	0	0
Mongar	7	23	1	5	5	0	0	0	0
Paro	0	8	5	2	5	3	1	1	2
Pema Gatshel	2	14	2	4	3	0	0	0	0
Punakha	4	10	4	2	4	0	0	0	1
Samdrup Jongkhar	3	15	2	4	5	0	0	0	0
Samdrup Jongkhar Thromde	0	2	0	0	1	0	0	0	0
Other than Samdrup Jongkhar Thromde	3	13	2	4	4	0	0	0	0
Samtse	6	22	5	2	7	0	0	0	0
Sarpang	1	11	1	7	4	0	0	0	2
Gelephu Thromde	0	0	1	1	1	0	0	0	1
Other than Gelephu Thromde	1	11	0	6	3	0	0	0	1
Thimphu	0	13	4	8	6	7	0	1	7
Thimphu Thromde	0	6	3	6	4	6	0	1	6
Other than Thimphu Thromde	0	7	1	2	2	1	0	0	1
Trashigang	2	36	7	5	6	0	0	0	0
Trashi Yangtse	0	23	2	1	3	0	0	0	0
Trongsa	1	13	1	0	4	0	0	0	0
Isirang	1	12	0	2	2	0	0	0	0
Wangdue Phodrang	6	23	1	0	4	0	0	0	0
Zhemgang	0	25	0	1	3	0	0	0	0
<b>Total</b>	<b>45</b>	<b>322</b>	<b>41</b>	<b>57</b>	<b>79</b>	<b>10</b>	<b>1</b>	<b>2</b>	<b>14</b>

Note: Includes SEN Schools.

Source: Education Management and Information System, MoESD.

Table: 3.8: Number of Students by Type, School level and Dzongkhag, 2023

Dzongkhag	Government					Private			
	Extended Classrooms	Primary Schools	Lower Secondary Schools	Middle Secondary Schools	Higher Secondary Schools	Primary Schools	Lower Secondary Schools	Middle Secondary Schools	Higher Secondary Schools
Bumthang	36	1,173	969	455	1,396	0	0	0	0
Chhukha	36	4,695	0	4,451	3,699	0	0	0	316
Phuntsholing Thromde	0	2,467	0	0	1,451	0	0	0	316
Other than Phuntsholing Thromde	36	2,228	0	4,451	2,248	0	0	0	0
Dagana	63	1,539	519	1,196	2,411	0	0	0	0
Gasa	48	165	0	157	443	0	0	0	0
Haa	48	667	964	0	1,335	0	0	0	0
Lhuentse	39	1,178	0	815	1,134	0	0	0	0
Mongar	177	2,190	161	2,810	3,320	0	0	0	0
Paro	0	2,318	2,244	1,251	3,373	287	208	99	913
Pema Gatshel	40	1,124	397	2,057	1,310	0	0	0	0
Punakha	69	1,049	1,796	1,680	1,739	0	0	0	884
Samdrup Jongkhar	81	2,656	653	1,894	2,012	0	0	0	0
Samdrup Jongkhar Thromde	0	1,355	0	0	305	0	0	0	0
Other than Samdrup Jongkhar Thromde	81	1,301	653	1,894	1,707	0	0	0	0
Samtse	121	3,133	2,575	1,146	6,454	0	0	0	0
Sarpang	36	1,550	1,414	3,763	3,088	0	0	0	482
Gelephu Thromde	0	0	1,414	663	709	0	0	0	23
Other than Gelephu Thromde	36	1,550	0	3,100	2,379	0	0	0	459
Thimphu	0	6,152	2,722	9,104	6,125	1,108	0	598	2,355
Thimphu Thromde	0	5,219	2,656	7,610	4,969	1,045	0	598	1,664
Other than Thimphu Thromde	0	933	66	1,494	1,156	63	0	0	691
Trashigang	39	3,633	1,312	1,916	2,567	0	0	0	0
Trashi Yangtse	0	1,927	453	323	1,748	0	0	0	0
Trongsa	13	1,339	379	0	1,457	0	0	0	0
Tsirang	16	1,878	0	1,965	1,509	0	0	0	0
Wangdue Phodrang	157	4,545	268	0	2,897	0	0	0	0
Zhemgang	0	2,027	0	451	1,675	0	0	0	0
<b>Total</b>	<b>1,019</b>	<b>44,938</b>	<b>16,826</b>	<b>35,434</b>	<b>49,692</b>	<b>1,395</b>	<b>208</b>	<b>697</b>	<b>4,950</b>

Note: Includes SEN Schools.

Source: Education Management and Information System, MoESD.

Table 3.9: Comparative Enrolment by Grade and Schools, 2022 - 2023

Class	Private School			Extended Classroom			Primary Schools			Lower and Middle Secondary			Higher Secondary			Total								
	2022	2023	+ or -	%	2022	2023	+ or -	%	2022	2023	+ or -	%	2022	2023	+ or -	%	2022	2023	+ or -	%				
PP	666	717	51	8	274	256	-18	-7	5,006	6,014	1,008	20	4,385	3,673	-712	-16	916	1,251	335	37	11,247	11,194	-53	0
I	610	517	-93	-15	336	204	-132	-39	5,736	5,932	196	3	5,092	3,742	-1,350	-27	1,075	1,210	135	13	12,849	11,088	-1,761	-14
II	412	511	99	24	454	255	-199	-44	7,061	6,783	-278	-4	6,185	4,362	-1,823	-29	1,426	1,382	-44	-3	15,338	12,782	-2,556	-18
III	464	371	-93	-20	234	297	63	27	5,440	8,051	2,611	48	4,876	5,151	275	6	1,188	1,725	537	45	12,202	15,224	3,022	25
IV	438	401	-37	-8	5	7	2	40	6,559	7,461	902	14	6,572	5,256	-1,316	-20	1,496	1,948	452	30	15,070	14,672	-398	-3
V	365	351	-14	-4	0	0	0	0	5,230	6,398	1,168	22	5,182	4,843	-339	-7	1,200	1,611	411	34	11,977	12,852	875	7
VI	347	318	-29	-8	0	0	0	0	4,836	5,519	683	14	5,299	4,112	-1,187	-22	1,346	1,435	89	7	11,828	11,066	-762	-6
<b>Sub Total</b>	<b>3,302</b>	<b>3,186</b>	<b>-116</b>	<b>-4</b>	<b>1,303</b>	<b>1,019</b>	<b>-284</b>	<b>-22</b>	<b>39,868</b>	<b>46,158</b>	<b>6,290</b>	<b>16</b>	<b>37,591</b>	<b>31,139</b>	<b>-6,452</b>	<b>-17</b>	<b>8,647</b>	<b>10,562</b>	<b>1,915</b>	<b>22</b>	<b>90,711</b>	<b>88,878</b>	<b>-1,833</b>	<b>-2</b>
VII	236	318	82	35	0	0	0	0	0	0	0	0	9,203	7,477	-1,726	-19	4,460	5,839	1,379	31	13,899	13,316	-583	-4
VIII	291	351	60	21	0	0	0	0	0	0	0	0	7,830	8,343	513	7	3,984	6,872	2,888	72	12,105	15,215	3,110	26
<b>Sub Total</b>	<b>527</b>	<b>669</b>	<b>142</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,033</b>	<b>15,820</b>	<b>-1,213</b>	<b>-7</b>	<b>8,444</b>	<b>12,711</b>	<b>4,267</b>	<b>51</b>	<b>26,004</b>	<b>28,531</b>	<b>2,527</b>	<b>10</b>
IX	292	275	-17	-6	0	0	0	0	0	0	0	0	4,662	3,063	-1,599	-34	6,922	5,596	-1,326	-19	11,876	8,659	-3,217	-27
X	436	487	51	12	0	0	0	0	0	0	0	0	4,370	3,297	-1,073	-25	6,053	7,534	1,481	24	10,859	10,831	-28	0
<b>Sub Total</b>	<b>728</b>	<b>762</b>	<b>34</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,032</b>	<b>6,360</b>	<b>-2,672</b>	<b>-30</b>	<b>12,848</b>	<b>13,130</b>	<b>155</b>	<b>1</b>	<b>22,608</b>	<b>19,490</b>	<b>-3,245</b>	<b>-14</b>
XI	612	682	70	11	0	0	0	0	0	0	0	0	0	0	0	0	8,699	7,914	-785	-9	9,311	7,914	-1,397	-15
XII	4,808	1,951	-2,857	-59	0	0	0	0	0	0	0	0	0	0	0	0	8,967	10,346	1,379	15	13,775	10,346	-3,429	-25
<b>Sub Total</b>	<b>5,420</b>	<b>2,633</b>	<b>-2,787</b>	<b>-51</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>127</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,666</b>	<b>18,260</b>	<b>594</b>	<b>3</b>	<b>23,213</b>	<b>18,260</b>	<b>-4,826</b>	<b>-21</b>
VII-X	1,255	1,431	176	14	0	0	0	0	0	0	0	0	63,783	16,939	-46,844	-73	47,605	25,841	-21,764	-46	112,643	48,021	-64,622	-57
<b>Total</b>	<b>9,977</b>	<b>7,250</b>	<b>-2,727</b>	<b>-27</b>	<b>1,303</b>	<b>1,019</b>	<b>-284</b>	<b>-22</b>	<b>39,868</b>	<b>46,158</b>	<b>6,290</b>	<b>16</b>	<b>63,783</b>	<b>53,319</b>	<b>-10,337</b>	<b>-16</b>	<b>47,605</b>	<b>54,663</b>	<b>7,058</b>	<b>15</b>	<b>162,536</b>	<b>155,159</b>	<b>-7,377</b>	<b>-5</b>

Source: Education Management Information System, MoESD.

**Table 3.10: Number of Students by Grade, 2019 - 2023**

<b>Grade</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
<b>Primary grade</b>	<b>89,894</b>	<b>94,165</b>	<b>92,621</b>	<b>90,712</b>	<b>88,878</b>
PP	11,852	16,591	12,786	11,247	11,194
I	13,482	12,541	15,918	12,849	11,088
II	13,061	13,338	12,381	15,539	12,782
III	12,767	12,619	13,077	12,202	15,224
IV	13,944	13,465	12,425	15,070	14,672
V	13,008	13,265	13,081	11,977	12,852
VI	11,780	12,346	12,953	11,828	11,066
<b>Lower Secondary grade</b>	<b>27,454</b>	<b>25,299</b>	<b>24,210</b>	<b>25,987</b>	<b>28,531</b>
VII	13,702	12,503	12,054	13,894	13,316
VIII	13,752	12,796	12,156	12,093	15,215
<b>Middle Secondary grade</b>	<b>26,767</b>	<b>26,813</b>	<b>25,892</b>	<b>22,581</b>	<b>19,490</b>
IX	13,886	13,630	12,924	11,733	8,659
X	12,881	13,183	12,968	10,848	10,831
<b>Higher Secondary school</b>	<b>22,671</b>	<b>24,529</b>	<b>25,601</b>	<b>23,213</b>	<b>18,260</b>
XI	11,750	11,527	12,246	9,438	7,914
XII	10,921	13,002	13,355	13,775	10,346
<b>Total</b>	<b>166,786</b>	<b>170,806</b>	<b>168,324</b>	<b>162,493</b>	<b>155,159</b>

*Note: Inclusive of SEN (Special Education Needs) students.*

*Source: Education Management Information System, MoESD.*



The economy of Bhutan is characterized by the predominance of people engaged in self-employment, particularly those working on their own land. There are also good deals of small and cottage industries operated from home. The number of persons 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 labour demand and supply projections. Basically, it measures the involvement of people in economic activities. Information related to labour and employment is essential in identifying the priority sectors. Furthermore, it is vital for designing government programs and strategies in order to mobilize country's labour force towards economic development and prosperity.

The primary source of data on labour and employment is the Labour Force Survey, which is conducted annually, and captures employment in both formal and informal sector. Other key indicators pertaining to labour market, civil servant, labour supply and demand are also included in this chapter.

### Concepts and Definitions

**Working-age population:** All Persons aged 15 years and above are included in the working-age population.

**Labour force:** Total number of persons who are available for the production of goods and services.

**Unemployed person:** A person who is without work, looking for job and available for job during the reference period.

**Employed person:** A Person who works as paid employee, own account worker and contributing family worker during the reference period.

**Job seeker:** Job seeker is a person without work and looking for employment.

**Job Portal system:** It is a web-based online system where job seekers can register to avail services provided by Ministry of Labour and Human Resources.

**Placement:** Services provided by the MoLHR in finding a job for a registered jobseeker.

**Labour Force Participation Rate:** Total labour force divided by working age population (15 years and above)

**Unemployment rate:** Total number of unemployed persons divided by Total Labour force.

**Employment Rate:** Total employed persons divided by total labour force.

Table 4.1.1: Key Labour Market Indicators 2019 - 2022

Indicators	2019			2020			2021			2022		
	Male	Female	Both Sex	Male	Female	Both Sex	Male	Female	Both Sex	Male	Female	Both Sex
Working Age Population (15 and above)	235,466	246,354	481,821	233,844	254,492	488,336	238,310	251,422	489,973	233,437	251,529	484,965
Labour Force Participation Rate (%)	71.80	61.20	66.40	72.50	63.50	67.80	73.1	65.3	69.1	73.4	53.5	63.1
Employment Rate (%)	97.76	96.74	97.28	95.90	94.00	95.00	96.4	93.9	95.2	95.6	92.1	94.1
Unemployment Rate (%)	2.20	3.30	2.70	4.13	5.97	5.03	3.6	6.1	4.8	4.4	7.9	5.9
Youth Unemployment Rate (%)	9.70	13.80	11.90	19.20	25.40	22.60	16.9	24.6	20.9	24.4	32.8	28.6

Source: Labour Force Survey Report 2022, NSB

Table 4.1.2: Number of Working Age Population by Age Group, Area and Sex, 2019 - 2022

Area	Age group	2019			2020			2021			2022		
		Male	Female	Both Sex	Male	Female	Both Sex	Male	Female	Both Sex	Male	Female	Both Sex
Urban	15-19	9,290	11,207	20,497	9,897	11,078	20,975	10,779	10,966	21,745	10,422	10,587	21,009
	20-24	8,365	10,212	18,577	9,135	11,843	20,978	9,230	10,910	20,140	9,778	12,088	21,865
	25-29	11,240	13,882	25,122	10,365	13,397	23,762	10,058	12,585	22,644	11,470	14,227	25,697
	30-34	11,331	13,035	24,366	10,463	13,610	24,072	11,139	13,161	24,300	13,341	15,207	28,548
	35-39	10,000	10,516	20,516	10,702	10,806	21,507	9,911	11,096	21,007	12,018	12,132	24,151
	40-44	7,609	6,622	14,230	8,109	7,489	15,597	8,749	8,436	17,185	9,376	8,944	18,320
	45-49	5,634	4,600	10,234	5,824	5,613	11,438	6,536	5,620	12,156	6,376	6,143	12,519
	50-54	4,394	3,943	8,337	5,197	3,791	8,988	4,958	4,199	9,157	5,229	4,943	10,173
	55-59	2,472	2,169	4,640	2,232	2,125	4,357	2,948	3,016	5,964	3,054	3,552	6,607
	60-64	1,695	2,164	3,859	1,903	1,858	3,761	2,021	1,847	3,868	2,374	2,195	4,569
	65 and above	3,451	4,002	7,453	3,908	4,221	8,129	4,078	4,864	8,942	4,824	5,648	10,472
Rural	15-19	22,986	22,135	45,121	19,849	20,103	39,952	20,991	19,872	40,863	16,186	17,830	34,016
	20-24	16,163	14,692	30,855	14,822	16,036	30,859	15,356	15,351	30,708	11,810	12,470	24,279
	25-29	15,788	16,205	31,993	14,673	15,910	30,583	13,463	15,247	28,710	12,163	14,000	26,163
	30-34	13,691	17,236	30,927	15,064	16,912	31,977	15,172	16,967	32,139	13,951	16,363	30,314
	35-39	14,477	15,553	30,030	13,979	17,231	31,209	14,970	15,430	30,400	15,683	17,743	33,426
	40-44	12,555	13,125	25,680	13,132	14,236	27,368	13,242	14,857	28,099	13,343	14,340	27,683
	45-49	11,290	12,886	24,176	11,925	13,835	25,760	11,928	14,495	26,423	11,585	12,708	24,293
	50-54	11,035	12,457	23,493	11,273	13,500	24,773	10,868	11,654	22,522	9,838	11,389	21,227
	55-59	10,109	11,074	21,183	9,254	10,186	19,439	9,537	9,977	19,513	9,294	10,024	19,318
	60-64	10,597	9,436	20,033	9,512	9,167	18,679	9,712	9,429	19,141	8,889	8,374	17,264
	65 and above	21,294	19,203	40,497	22,627	21,547	44,173	22,664	21,440	44,104	22,434	20,619	43,053
Total	15-19	32,276	33,342	65,618	29,745	31,181	60,927	31,769	30,839	62,608	26,608	28,417	55,025
	20-24	24,528	24,904	49,432	23,958	27,879	51,837	24,586	26,262	50,848	21,587	24,557	46,145
	25-29	27,029	30,087	57,115	25,038	29,307	54,345	23,521	27,832	51,353	23,632	28,227	51,860
	30-34	25,022	30,271	55,293	25,527	30,522	56,049	26,311	30,128	56,439	27,292	31,570	58,863
	35-39	24,477	26,069	50,547	24,680	28,036	52,717	24,881	26,526	51,407	27,701	29,876	57,577
	40-44	20,164	19,746	39,910	21,240	21,725	42,965	21,991	23,293	45,284	22,719	23,284	46,003
	45-49	16,924	17,486	34,410	17,749	19,448	37,197	18,464	20,115	38,580	17,960	18,851	36,812
	50-54	15,429	16,400	31,829	16,470	17,291	33,760	15,826	15,853	31,680	15,068	16,333	31,400
	55-59	12,581	13,243	25,823	11,486	12,311	23,796	12,485	12,993	25,477	12,348	13,576	25,924
	60-64	12,292	11,600	23,891	11,416	11,025	22,440	11,734	11,276	23,010	11,263	10,570	21,833
	65 and above	24,745	23,205	47,950	26,535	25,767	52,302	26,742	26,305	53,047	27,257	26,267	53,525

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

Source: Labour Force Survey Report 2022, NSB.

Table 4.1.3: Labour Force Participation Rate (%) by Area, Age Group and Sex, 2020 - 2022

Area	Age Group	Number						Percent					
		2020		2021		2022		2020		2021		2022	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>Urban</b>	15-19	898	669	566	320	721	967	6.60	6.00	5.20	2.90	6.92	9.13
	20-24	7,528	6,426	5,402	6,156	5,764	6,228	53.40	54.30	58.50	56.40	58.95	51.52
	25-29	16,274	10,106	9,100	9,440	9,793	9,069	88.80	75.40	90.50	75.00	85.38	63.74
	30-34	17,791	9,584	10,540	9,736	12,692	9,011	92.10	70.40	94.60	74.00	95.14	59.26
	35-39	17,143	7,994	9,423	8,364	11,383	7,504	94.20	74.00	95.10	75.40	94.72	61.85
	40-44	12,748	5,421	8,482	6,478	9,122	5,001	95.90	72.40	96.90	76.80	97.29	55.91
	45-49	8,930	3,516	6,373	3,837	6,103	2,963	97.40	62.60	97.50	68.30	95.72	48.23
	50-54	6,718	2,063	4,570	2,358	4,810	1,896	93.20	54.40	92.20	56.20	91.99	38.36
	55-59	2,676	871	2,346	1,450	2,248	1,127	82.80	41.00	79.60	48.10	73.61	31.73
	60-64	1,653	604	1,392	769	1,215	522	58.00	32.50	68.80	41.60	51.18	23.78
	65 and above	1,798	521	1,288	695	1,166	465	32.70	12.30	31.60	14.30	24.17	8.23
	<b>Rural</b>	15-19	1,452	1,512	1,421	981	1,579	1,505	7.30	7.50	6.80	4.90	9.76
20-24		6,969	8,094	7,452	8,718	6,673	6,244	47.00	50.50	48.50	56.80	56.50	50.07
25-29		12,656	12,912	11,566	12,816	10,790	9,806	86.30	81.20	85.90	84.10	88.71	70.04
30-34		14,207	14,783	14,357	14,942	13,090	11,693	94.30	87.40	94.60	88.10	93.83	71.46
35-39		13,343	15,126	14,341	13,881	15,085	12,938	95.50	87.80	95.80	90.00	96.19	72.92
40-44		12,797	13,087	12,896	13,930	13,023	11,220	97.40	91.90	97.40	93.80	97.60	78.24
45-49		11,567	12,405	11,610	13,605	11,068	9,711	97.00	89.70	97.30	93.90	95.54	76.42
50-54		10,683	12,037	10,359	10,534	9,150	8,664	94.80	89.20	95.30	90.40	93.01	76.07
55-59		8,672	8,618	9,121	8,518	8,517	6,832	93.70	84.60	95.60	85.40	91.64	68.16
60-64		8,364	7,253	8,658	7,800	7,130	5,388	87.90	79.10	89.10	82.70	80.21	64.34
65 and above		11,880	8,062	12,940	8,848	10,333	5,773	52.50	37.40	57.10	41.30	46.06	28.00
<b>Total</b>		15-19	2,106	2,179	1,987	1,300	2,300	2,472	7.10	7.00	6.30	4.20	8.64
	20-24	11,846	14,521	12,854	14,874	12,437	12,472	49.40	52.10	52.30	56.60	57.61	50.79
	25-29	21,858	23,018	20,666	22,256	20,583	18,875	87.30	78.50	87.90	80.00	87.10	66.87
	30-34	23,843	24,366	24,897	24,678	25,782	20,704	93.40	79.80	94.60	81.90	94.47	65.58
	35-39	23,419	23,120	23,763	22,245	26,468	20,441	94.90	82.50	95.50	83.90	95.55	68.42
	40-44	20,575	18,508	21,377	20,408	22,145	16,221	96.90	85.20	97.20	87.60	97.47	69.67
	45-49	17,242	15,921	17,984	17,441	17,171	12,674	97.10	81.90	97.40	86.70	95.61	67.23
	50-54	15,525	14,100	14,929	12,892	13,960	10,560	94.30	81.50	94.30	81.30	92.65	64.65
	55-59	10,519	9,489	11,468	9,967	10,764	7,959	91.60	77.10	91.90	76.70	87.17	58.63
	60-64	9,468	7,857	10,050	8,569	8,346	5,910	82.90	71.30	85.60	76.00	74.10	55.91
	65 and above	13,156	8,584	14,229	9,543	11,499	6,239	49.60	33.30	53.20	36.30	42.19	23.75

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

Source: Labour Force Survey Report 2022, NSO.

Table 4.1.4: Employment and Unemployment Rate (%) by Area, Age Group and Sex, 2022

Area	Age Group	Number				Percent			
		Employed		Unemployed		Employment Rate (%)		Unemployment Rate (%)	
		Male	Female	Male	Female	Male	Female	Male	Female
	15-19	367	427	354	540	50.90	44.16	49.10	55.80
	20-24	4,004	4,014	1,761	2,214	69.45	64.45	30.50	35.50
	25-29	8,766	7,423	1,027	1,646	89.51	81.85	10.50	18.10
	30-34	12,085	7,902	607	1,109	95.22	87.69	4.80	12.30
	35-39	11,016	6,925	367	578	96.78	92.30	3.20	7.70
	40-44	9,006	4,687	116	313	98.73	93.74	1.30	6.30
	45-49	5,927	2,719	176	244	97.12	91.77	2.90	8.20
	50-54	4,769	1,801	41	95	99.15	94.99	0.90	5.00
	55-59	2,179	1,070	69	57	96.93	94.94	3.10	5.10
	60-64	1,120	470	95	52	92.18	90.04	7.90	10.00
	65 and above	1,166	465	0	0	100.00	100.00	0.00	0.00
	15-19	1,234	954	345	551	78.15	63.39	21.80	36.60
	20-24	5,543	4,641	1,129	1,603	83.08	74.33	16.90	25.70
	25-29	10,047	9,034	743	772	93.11	92.13	6.90	7.90
	30-34	12,842	11,400	248	293	98.11	97.49	1.90	2.50
	35-39	14,779	12,679	307	259	97.97	98.00	2.00	2.00
	40-44	12,977	11,102	46	118	99.65	98.95	0.40	1.00
	45-49	11,057	9,580	11	131	99.90	98.65	0.10	1.30
	50-54	9,098	8,574	52	90	99.43	98.96	0.60	1.00
	55-59	8,517	6,813	0	19	100.00	99.72	0.00	0.30
	60-64	7,109	5,388	21	0	99.71	100.00	0.30	0.00
	65 and above	10,333	5,773	0	0	100.00	100.00	0.00	0.00
	15-19	1,602	1,381	698	1,091	69.65	55.87	30.40	44.10
	20-24	9,547	8,655	2,890	3,817	76.76	69.40	23.20	30.60
	25-29	18,813	16,457	1,770	2,418	91.40	87.19	8.60	12.80
	30-34	24,927	19,302	854	1,402	96.68	93.23	3.30	6.80
	35-39	25,794	19,604	674	837	97.45	95.91	2.50	4.10
	40-44	21,983	15,790	162	431	99.27	97.34	0.70	2.70
	45-49	16,984	12,299	187	375	98.91	97.04	1.10	3.00
	50-54	13,867	10,375	93	185	99.33	98.25	0.70	1.80
	55-59	10,695	7,883	69	76	99.36	99.05	0.60	1.00
	60-64	8,229	5,858	117	52	98.60	99.12	1.40	0.90
	65 and above	11,499	6,239	0	0	100.00	100.00	0.00	0.00

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

Source: Labour Force Survey Report 2022, NSB.

Table 4.1.5: Labour Force Participation Rate by Dzongkhag and Sex, 2022

Dzongkhag	Number			Labour Force Participation Rate (%)		
	Male	Female	Total	Male	Female	Total
Bumthang	3,815	4,040	7,855	72.04	67.03	69.37
Chhukha	16,356	8,990	25,347	77.48	42.54	60.00
Dagana	7,023	6,441	13,465	79.04	68.11	73.41
Gasa	929	717	1,646	77.10	53.23	64.50
Haa	2,631	2,434	5,065	76.73	63.10	69.51
Lhuentse	3,380	3,772	7,152	72.76	64.20	67.98
Monggar	8,635	9,314	17,949	68.94	68.19	68.55
Paro	11,559	7,562	19,121	72.30	44.73	58.13
Pema Gatshel	5,740	5,506	11,246	75.19	65.89	70.33
Punakha	5,429	5,719	11,148	70.87	61.35	65.65
Samdrup Jongkhar	7,837	6,433	14,271	70.89	56.59	63.64
Samtse	16,087	8,777	24,864	74.36	42.91	59.07
Sarpang	10,518	5,741	16,259	67.60	35.22	51.03
Thimphu	36,749	25,909	62,659	72.22	45.91	58.39
Trashigang	9,854	10,297	20,151	76.65	72.01	74.20
Trashhi Yangtse	3,486	3,258	6,745	79.70	60.45	69.07
Trongsa	3,410	3,030	6,440	72.85	57.25	64.57
Tsirang	6,177	5,741	11,918	77.37	65.88	71.37
Wangdue Phodrang	8,026	7,644	15,670	76.30	64.82	70.23
Zhemgang	3,809	3,204	7,013	69.19	57.79	63.47
<b>Total</b>	<b>170,555</b>	<b>135,428</b>	<b>305,983</b>	<b>73.45</b>	<b>53.48</b>	<b>63.09</b>

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

Source: Labour Force Survey Report 2022, NSB.

Table 4.1.6: Number of Unemployed by Dzongkhag and Sex, 2022

Dzongkhag	Number			Unemployment Rate (%)		
	Male	Female	Total	Male	Female	Total
Bumthang	101	148	250	2.70	3.70	3.20
Chhukha	564	785	1,348	3.40	8.70	5.30
Dagana	87	159	246	1.20	2.50	1.80
Gasa	2	8	10	0.20	1.10	0.60
Haa	69	155	223	2.60	6.40	4.40
Lhuentse	34	131	165	1.00	3.50	2.30
Monggar	244	310	554	2.80	3.30	3.10
Paro	503	669	1,172	4.40	8.80	6.10
Pema Gatshel	27	122	149	0.50	2.20	1.30
Punakha	101	275	375	1.90	4.80	3.40
Samdrup Jongkhar	205	293	499	2.60	4.60	3.50
Samtse	370	701	1,071	2.30	8.00	4.30
Sarpang	624	859	1,483	5.90	15.00	9.10
Thimphu	3,708	4,098	7,806	10.10	15.80	12.50
Trashigang	164	489	653	1.70	4.70	3.20
Trashhi Yangtse	85	234	320	2.50	7.20	4.70
Trongsa	63	60	123	1.80	2.00	1.90
Tsirang	158	174	332	2.60	3.00	2.80
Wangdue Phodrang	295	714	1,010	3.70	9.30	6.40
Zhemgang	109	298	408	2.90	9.30	5.80
<b>Total</b>	<b>7,515</b>	<b>10,683</b>	<b>18,198</b>	<b>4.40</b>	<b>7.90</b>	<b>5.90</b>

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

Source: Labour Force Survey Report 2022, NSB.

**Table 4.1.7: Number of Employed Persons by Dzongkhag and Sex, 2022**

Dzongkhag	Number			Employment Rate (%)		
	Male	Female	Total	Male	Female	Total
Bumthang	3,714	3,891	7,605	97.34	96.33	96.82
Chhukha	15,793	8,206	23,998	96.55	91.27	94.68
Dagana	6,936	6,282	13,218	98.76	97.53	98.17
Gasa	927	709	1,636	99.76	98.86	99.37
Haa	2,562	2,279	4,841	97.38	93.65	95.59
Lhuentse	3,346	3,641	6,987	98.99	96.52	97.69
Monggar	8,392	9,003	17,395	97.17	96.67	96.91
Paro	11,056	6,893	17,949	95.65	91.15	93.87
Pema Gatshel	5,713	5,384	11,097	99.53	97.79	98.68
Punakha	5,329	5,444	10,773	98.15	95.20	96.63
Samdrup Jongkhar	7,632	6,140	13,772	97.38	95.44	96.51
Samtse	15,716	8,077	23,793	97.70	92.02	95.69
Sarpang	9,894	4,882	14,777	94.07	85.04	90.88
Thimphu	33,044	21,808	54,853	89.91	84.18	87.54
Trashigang	9,689	9,809	19,498	98.33	95.25	96.76
Trashigang Yangtse	3,401	3,024	6,425	97.55	92.81	95.26
Trongsa	3,347	2,970	6,317	98.16	98.01	98.09
Tsirang	6,018	5,568	11,586	97.44	96.97	97.21
Wangdue Phodrang	7,731	6,929	14,660	96.32	90.66	93.56
Zhemgang	3,700	2,905	6,605	97.13	90.69	94.19
<b>Total</b>	<b>163,941</b>	<b>123,844</b>	<b>287,785</b>	<b>95.62</b>	<b>92.06</b>	<b>94.05</b>

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

*Source: Labour Force Survey Report 2022, NSB.*

Table 4.1.8: Distribution of Employed Persons by Major Occupation, Area and Sex, 2022

Major Occupation	Number				Total	Percent				
	Area		Sex			Area		Sex		
	Urban	Rural	Male	Female		Urban	Rural	Male	Female	
Managers	9,430	6,374	9,937	5,867	15,804	9.59	3.36	6.06	4.74	5.49
Professionals	16,530	7,479	14,212	9,797	24,009	16.81	3.95	8.67	7.91	8.34
Technicians & Associate Professionals	11,383	6,414	13,087	4,710	17,797	11.58	3.39	7.98	3.80	6.18
Clerical Support Workers	4,440	1,715	2,230	3,924	6,155	4.52	0.91	1.36	3.17	2.14
Services and Sales workers	22,365	17,992	20,475	19,881	40,356	22.75	9.50	12.49	16.05	14.02
Skilled Agricultural & Forestry workers	3,380	120,405	58,184	65,602	123,785	3.44	63.55	35.49	52.97	43.01
Craft & Related Trade Workers	12,402	11,317	14,897	8,822	23,720	12.62	5.97	9.09	7.12	8.24
Plant & Machine Operators	7,462	7,081	14,125	418	14,543	7.59	3.74	8.62	0.34	5.05
Elementary Occupations	6,546	8,604	10,387	4,763	15,150	6.66	4.54	6.34	3.85	5.26
Armed Forces	4,370	2,095	6,406	60	6,465	4.45	1.11	3.91	0.05	2.25
<b>Total</b>	<b>98,308</b>	<b>189,476</b>	<b>163,941</b>	<b>123,844</b>	<b>287,785</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

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

Source: Labour Force Survey Report 2022, NSE.



Table 4.1.9: Total Employed Persons by Major Economic Activity and Nature of Employment, 2022

Major Economic Activity	Nature of Employment								Total
	Regular Paid Employee	Casual paid Employee	Own-account worker (Non-Agriculture)	Own-account worker (Agriculture)	Family Worker (Non-agriculture)	Family Worker (Agriculture)	Employer	Apprenticeship/Internship	
Agriculture, Forestry and Fishing	1,121	464	423	62,859	142	60,132	19	0	125,160
Mining and Quarrying	1,185	87	120	0	0	0	53	0	1,446
Manufacturing	8,386	1,790	7,728	0	1,463	0	202	7	19,577
Electricity, Gas, Steam and Air Conditioning Supply	3,915	14	0	0	0	0	0	0	3,929
Water Supply; Sewerage, Waste Management and Remediation Activities	51	0	0	0	0	0	0	0	51
Construction	7,750	6,396	3,476	0	355	0	413	0	18,391
Wholesale & Retail Trade; Repair of Motor Vehicles and Motorcycles	6,074	1,008	14,540	45	4,796	0	747	0	27,210
Transportation and Storage	2,171	901	5,601	0	354	0	68	0	9,096
Accommodation and Food Service Activities	3,517	171	3,853	0	1,780	0	247	13	9,581
Information and Communication	2,333	222	171	0	0	0	0	0	2,726
Financial and Insurance Activities	3,674	53	0	0	0	0	0	0	3,727
Real Estate Activities	506	65	219	0	17	0	0	0	808
Professional, Scientific and Technical Activities	917	0	261	0	0	0	0	0	1,178
Administrative and Support Service Activities	678	284	559	0	20	0	76	0	1,616
Public Administration and Defence; Compulsory Social Security	30,363	83	0	0	0	0	18	75	30,538
Education	15,919	110	248	0	17	0	88	0	16,381
Human Health and Social Work Activities	8,356	267	23	0	5	0	51	70	8,772
Arts, Entertainment and Recreation	1,191	147	501	0	108	0	29	0	1,977
Other Service Activities	1,206	2,605	1,258	0	213	0	0	0	5,282
Activities of Households as Employers	18	0	0	0	0	0	0	0	18
Activities of Extraterritorial Organizations and Bodies	320	0	0	0	0	0	0	0	320
<b>Total</b>	<b>99,651</b>	<b>14,669</b>	<b>38,981</b>	<b>62,904</b>	<b>9,273</b>	<b>60,132</b>	<b>2,011</b>	<b>164</b>	<b>287,785</b>

Source: Labour Force Survey Report 2022, NSB.

Table 4.1.10: Total Employed Persons by Dzongkhag and Level of Education, 2022

Dzongkhag	Level of Education										Total
	None	Primary	Lower Secondary	Middle Secondary	Higher Secondary	Diploma	Bachelors Degree	Masters & Above	Monastic Education	NFE	
Bumthang	2,560	963	374	983	1,150	106	494	110	376	488	7,605
Chukha	8,811	3,116	1,771	3,747	2,968	492	2,193	494	128	280	23,998
Dagana	6,785	2,058	787	1,230	830	110	444	23	129	823	13,218
Gasa	726	244	108	103	97	70	106	32	94	55	1,635
Haa	2,246	599	367	452	458	77	195	69	307	71	4,841
Lhuentse	3,416	504	324	542	426	66	407	56	352	894	6,987
Mongar	7,935	1,701	847	1,229	865	492	910	165	819	2,431	17,395
Paro	7,065	2,477	1,403	2,203	2,642	154	1,581	186	216	22	17,949
Pemagatshel	4,339	1,123	463	1,236	839	184	342	52	553	1,965	11,097
Punakha	4,321	1,582	610	1,356	960	53	643	153	515	580	10,773
Samdrup Jongkhar	5,217	1,774	504	1,445	1,329	358	598	400	297	1,851	13,772
Samtse	12,478	4,517	1,705	1,912	1,448	138	613	134	28	820	23,793
Sarpang	5,038	2,685	1,114	2,314	1,801	249	880	150	159	386	14,777
Thimphu	8,593	5,210	3,489	8,158	9,788	2,534	11,832	3,197	1,149	904	54,853
Tashigang	10,744	1,800	959	1,247	1,112	269	498	143	728	1,999	19,498
Tashiyangtse	3,177	674	282	694	497	67	282	44	147	560	6,425
Trongsa	2,997	555	299	646	681	187	398	86	117	349	6,317
Tsirang	5,168	1,937	810	1,057	992	185	701	77	75	582	11,586
Wangdue Phodrang	6,294	1,998	830	1,107	1,585	199	647	50	883	1,068	14,660
Zhemgang	2,444	735	294	669	428	121	448	44	336	1,087	6,605
<b>Total</b>	<b>110,353</b>	<b>36,253</b>	<b>17,340</b>	<b>32,331</b>	<b>30,895</b>	<b>6,112</b>	<b>24,212</b>	<b>5,665</b>	<b>7,408</b>	<b>17,215</b>	<b>287,785</b>

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

Source: Labour Force Survey Report 2022, NSB.

**Table 4.2.1: Number of Jobseekers Registered in the Online Job Portal System by Sex and Months, 2020 - 2022**

Year/Month	Male	Female	Total
<b>2022</b>			
January	208	235	<b>443</b>
February	88	82	<b>170</b>
March	197	250	<b>447</b>
April	306	376	<b>682</b>
May	1,913	2,475	<b>4,388</b>
June	1,334	1,698	<b>3,032</b>
July	1,308	1,862	<b>3,170</b>
August	1,345	1,434	<b>2,779</b>
September	742	967	<b>1,709</b>
October	680	921	<b>1,601</b>
November	1,045	1,199	<b>2,244</b>
December	1,736	1,296	<b>3,032</b>
<b>2021</b>			
January	52	38	<b>90</b>
February	192	152	<b>344</b>
March	170	177	<b>347</b>
April	162	289	<b>451</b>
May	132	228	<b>360</b>
June	118	180	<b>298</b>
July	105	137	<b>242</b>
August	261	389	<b>650</b>
September	196	304	<b>500</b>
October	243	406	<b>649</b>
November	250	394	<b>644</b>
December	339	494	<b>833</b>
<b>2020</b>			
January	209	262	<b>471</b>
February	192	219	<b>411</b>
March	192	207	<b>399</b>
April	117	78	<b>195</b>
May	21	58	<b>79</b>
June	33	35	<b>68</b>
July	153	169	<b>322</b>
August	98	161	<b>259</b>
September	113	205	<b>318</b>
October	372	536	<b>908</b>
November	118	203	<b>321</b>
December	132	168	<b>300</b>

Source: Labour Market Information Bulletin, DoEHR, MoICE

**Table 4.2.2: Number of Job Vacancies by Qualification and Sectors, 2022**

<b>Qualification</b>	<b>Government/ Autonomous</b>	<b>Corporate</b>	<b>Private</b>	<b>NGOs</b>	<b>Overseas</b>	<b>Total</b>
Master	39	5	24	3	-	71
General Graduate	154	99	158	23	-	434
Technical Graduate	37	77	60	7	-	181
Diploma	38	20	42	1	-	101
Certificate	94	15	171	0	-	280
Class XII	391	54	325	7	-	777
Class X	0	18	235	1	-	254
Class IX & Below	12	35	165	0	-	212
Illiterate	43	4	75	0	-	122
Other	0	0	2	0	-	2
<b>Total</b>	<b>808</b>	<b>327</b>	<b>1,257</b>	<b>42</b>	<b>7,272</b>	<b>11,387</b>

Source: Labour Market Information Bulletin, DoEE, MoICE

**Table 4.2.3: Number of Job Vacancies by Months and Sectors, 2020 - 2022**

Year/Month	Government/ Autonomous	Corporate	Private	NGOs	Overseas	Total
<b>2022</b>						
January	13	4	35	0	0	52
February	8	0	27	0	119	154
March	1	12	17	0	908	938
April	523	72	35	0	346	976
May	74	35	32	1	20	162
June	8	1	22	0	445	476
July	119	12	86	0	639	856
August	118	32	66	2	1,075	1,293
September	81	8	87	1	902	1,079
October	263	6	239	2	772	1,282
November	284	21	86	0	1,298	1,689
December	102	14	107	2	233	458
<b>2021</b>						
January	12	5	19	0	0	36
February	44	16	37	0	0	97
March	28	2	21	0	0	51
April	26	0	22	1	0	49
May	5	7	5	0	0	17
June	15	27	22	3	0	67
July	12	10	4	1	0	27
August	13	33	35	0	0	81
September	0	0	12	0	0	12
October	30	0	17	0	825	872
November	8	19	3	0	1,334	1,364
December	18	14	41	2	560	635
<b>2020</b>						
January	40	98	106	6	162	412
February	370	82	97	15	200	764
March	84	28	194	2	112	420
April	58	5	91	0	8	162
May	22	287	170	0	0	479
June	1,023	1	21	0	0	1,045
July	27	655	71	0	0	753
August	11	7	84	0	0	102
September	11	45	10	0	0	66
October	424	2,017	52	0	0	2,493
November	53	28	111	1	0	193
December	81	13	36	0	0	130

Source: Labour Market Information Bulletin, DoEE, MoICE

**Table 4.2.4: Number of Placements by Months and Sectors, 2020 - 2022**

<b>Year/Month</b>	<b>Government/ Autonomous</b>	<b>Corporate</b>	<b>Private</b>	<b>NGOs</b>	<b>Overseas</b>	<b>Total</b>
<b>2022</b>						
January	45	1	7	0	72	<b>125</b>
February	16	0	0	0	74	<b>90</b>
March	18	0	0	0	157	<b>175</b>
April	147	8	28	1	373	<b>557</b>
May	29	3	1	1	287	<b>321</b>
June	349	25	2	0	208	<b>584</b>
July	165	8	18	0	117	<b>308</b>
August	199	8	16	0	114	<b>337</b>
September	321	8	21	1	273	<b>624</b>
October	190	31	201	1	132	<b>555</b>
November	221	19	119	20	191	<b>570</b>
December	297	9	204	1	150	<b>661</b>
<b>2021</b>						
January	0	4	0	0	0	<b>4</b>
February	33	27	0	0	0	<b>60</b>
March	224	31	2	0	0	<b>257</b>
April	211	42	4	0	0	<b>257</b>
May	82	5	16	0	0	<b>103</b>
June	104	4	23	0	15	<b>146</b>
July	60	4	0	0	6	<b>70</b>
August	147	32	52	0	0	<b>231</b>
September	41	3	13	0	55	<b>112</b>
October	232	1	12	0	38	<b>283</b>
November	205	0	0	0	74	<b>279</b>
December	24	91	21	1	114	<b>251</b>
<b>2020</b>						
January	132	37	150	2	178	<b>499</b>
February	49	68	209	0	60	<b>386</b>
March	138	9	63	0	28	<b>238</b>
April	42	8	5	1	0	<b>56</b>
May	45	3	4	0	0	<b>52</b>
June	1	9	2	0	0	<b>12</b>
July	3	7	0	0	0	<b>10</b>
August	13	1	0	0	106	<b>120</b>
September	7	18	0	0	46	<b>71</b>
October	42	48	1	0	25	<b>116</b>
November	52	28	1	0	0	<b>81</b>
December	207	51	0	0	0	<b>258</b>

Source: Labour Market Information Bulletin, DoEE, MoICE

**Table 4.2.5: Number of Overseas Placements by Qualification, 2018/2019 - 2022/2023**

Qualification	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
Master	0	0	0	13	0
General Graduate	360	156	0	211	176
Technical Graduate	0	0	0	3	0
Diploma	0	0	0	20	12
Certificate	0	0	0	2	1
Class XII	666	966	3	814	1147
Class X	147	156	13	331	727
Not available	0	0	177	59	0
<b>Total</b>	<b>1,173</b>	<b>1,278</b>	<b>193</b>	<b>1,453</b>	<b>2,063</b>

Source: Labour Market Information Bulletin, DoEE, MoICE

**Table 4.2.6: Number of Foreign Workers Approved by Major Occupation, 2022 - 2023**

Major Occupation	Total
Managers	692
Professionals	1,867
Technicians and Associate Professionals	3,718
Clerical support workers	42
Service and sales workers	320
Skilled Agricultural, Forestry and Fishery	5
Craft and related trade workers	126,605
Plant and machine operators and assemblers	6,876
Elementary Occupation	852
<b>Total</b>	<b>140,977</b>

Source: Labour Market Information Bulletin, DoEE, MoICE

Table 4.3.1: Number of Civil Servants by Position Level, Nationality and Sex, 2022

Position Category	Regular						Total Regular	Contract						Total Contract	Total Male	Total Female	Grand Total
	Bhutanese			Non-Bhutanese				Bhutanese			Non-Bhutanese						
	Male	Female	Both Sex	Male	Female	Both Sex		Male	Female	Both Sex	Male	Female	Both Sex				
<b>Executive Position Category</b>																	
No Level <sup>1</sup>	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
EX1	12	3	15	0	0	0	2	1	3	0	0	0	0	0	0	3	14
EX2	20	3	23	0	0	0	0	0	0	0	0	0	0	0	0	0	20
EX3	47	10	57	0	0	0	3	0	3	0	0	0	0	0	0	3	50
<b>Sub Total</b>	<b>81</b>	<b>16</b>	<b>97</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>86</b>
<b>Specialist Position Category</b>																	
ES1	6	3	9	0	0	0	8	2	10	0	0	0	0	0	0	10	14
ES2	19	4	23	0	0	0	2	0	2	0	0	0	0	0	0	2	21
ES3	100	30	130	0	0	0	2	0	2	1	0	1	0	0	0	3	103
<b>Sub Total</b>	<b>125</b>	<b>37</b>	<b>162</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>2</b>	<b>14</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>138</b>
<b>Professional &amp; Management Position Category</b>																	
P1	1,006	535	1,541	0	0	0	6	1	7	9	3	12	19	1,021	539	1,560	
P2	1,970	1,063	3,033	0	0	0	10	1	11	15	4	19	30	1,995	1,068	3,063	
P3	1,989	1,098	3,087	0	0	0	11	4	15	9	5	14	29	2,009	1,107	3,116	
P4	1,644	1,093	2,737	0	0	0	59	103	162	1	4	5	167	1,704	1,200	2,904	
P5	1,147	1,231	2,378	0	0	0	919	808	1,727	1	0	1	1,728	2,067	2,039	4,106	
<b>Sub Total</b>	<b>7,756</b>	<b>5,020</b>	<b>12,776</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,005</b>	<b>917</b>	<b>1,922</b>	<b>35</b>	<b>16</b>	<b>51</b>	<b>1,973</b>	<b>8,796</b>	<b>5,953</b>	<b>14,749</b>	
<b>Supervisory &amp; Support Position Category</b>																	
SS1	85	70	155	0	0	0	0	0	0	0	0	0	0	85	70	155	
SS2	527	147	674	0	0	0	3	1	4	0	0	0	4	530	148	678	
SS3	649	304	953	0	0	0	0	0	0	0	0	0	0	649	304	953	
SS4	1,212	776	1,988	0	0	0	9	0	9	0	0	0	9	1,221	776	1,997	
S1	1,424	1,016	2,440	0	1	1	36	22	58	0	0	0	58	1,460	1,039	2,499	
S2	1,384	1,198	2,582	0	0	0	42	24	66	0	0	0	66	1,426	1,222	2,648	
S3	762	642	1,404	0	0	0	15	5	20	0	0	0	20	777	647	1,424	
S4	203	212	415	0	0	0	57	21	78	0	1	1	79	260	234	494	
S5	206	117	323	0	0	0	518	1,104	1,622	0	0	0	1,622	724	1,221	1,945	
<b>Sub Total</b>	<b>6,452</b>	<b>4,482</b>	<b>10,934</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>680</b>	<b>1,177</b>	<b>1,848</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1,858</b>	<b>7,132</b>	<b>5,661</b>	<b>12,793</b>	
<b>Operational Position Category</b>																	
O1	714	182	896	0	0	0	4	0	4	0	0	0	4	718	182	900	
O2	292	42	334	0	0	0	68	99	167	0	0	0	167	360	141	501	
O3	67	9	76	0	0	0	23	2	25	0	0	0	25	90	11	101	
O4	64	1	65	0	0	0	732	71	803	2	0	2	805	798	72	870	
<b>Sub Total</b>	<b>1,137</b>	<b>234</b>	<b>1,371</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>827</b>	<b>172</b>	<b>999</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>1,001</b>	<b>1,966</b>	<b>406</b>	<b>2,372</b>	
<b>Grand Total</b>	<b>15,551</b>	<b>9,789</b>	<b>25,340</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2,529</b>	<b>2,269</b>	<b>4,786</b>	<b>38</b>	<b>17</b>	<b>55</b>	<b>4,853</b>	<b>18,118</b>	<b>12,076</b>	<b>30,194</b>	

Notes: <sup>1</sup> Eminent members of the Parliament & Attorney General are summed up with Executive Position Category.



Table 4.3.2: Number of Civil Servants by Working Agency, Employment Type and Nationality, 2022

Working Agency	Regular			Contract			Grand Total
	Bhutanese	Non-Bhutanese	Total	Bhutanese	Non-Bhutanese	Total	
His Majesty's Secretariat	126	0	126	20	0	20	146
Secretariat of His Majesty The Fourth Druk Gyalpo	7	0	7	18	0	18	25
Judiciary	394	0	394	25	0	25	419
Legislative	76	0	76	66	0	66	142
Constitutional	439	0	439	26	0	26	465
Ministries	7,421	0	7,421	408	2	410	7,831
Autonomous & Other Agencies	2,227	0	2,227	249	1	250	2,477
Dzongkhag	12,648	1	12,649	3,796	33	3,829	16,478
Thromde	1,999	0	1,999	190	19	209	2,208
Non-Civil Service <sup>1</sup>	3	0	3	0	0	0	3
<b>Total</b>	<b>25,340</b>	<b>1</b>	<b>25,341</b>	<b>4,798</b>	<b>55</b>	<b>4,853</b>	<b>30,194</b>

Note: B: Bhutanese, NB: Non Bhutanese

<sup>1</sup> Civil Servants Serving in Defence, Non-Governmental Organizations and Corporations

Source: RCSC.

Table 4.3.3: Number of Civil Servants by Working Agency, Position Category and Sex, 2022

Working Agency	Executive and Specialists		Professional and Management		Supervisory and support		Operational		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
His Majesty's Secretariat	8	1	62	24	25	12	14	0	146
Secretariat of His Majesty The Fourth Druk Gyalpo	3	0	6	0	12	0	4	0	25
Judiciary	0	0	21	14	122	188	55	19	419
Legislative	4	0	50	40	16	17	13	2	142
Constitutional	8	2	165	91	86	70	35	8	465
Ministries	109	22	1,530	743	3,051	1,568	719	89	7,831
Autonomous & Other Agencies	47	19	512	355	576	682	206	80	2,477
Dzongkhag	35	7	5,819	3,685	3,073	2,844	812	203	16,478
Thromde	9	4	630	1,001	171	280	108	5	2,208
Non-Civil Service <sup>1</sup>	1	1	1	0	0	0	0	0	3
<b>Total</b>	<b>224</b>	<b>56</b>	<b>8,796</b>	<b>5,953</b>	<b>7,132</b>	<b>5,661</b>	<b>1,966</b>	<b>406</b>	<b>30,194</b>

Note: B: Ebtanese, NB: Non Ebtanese

<sup>1</sup> Civil Servants Serving in Defence, Non-Governmental Organizations and Corporations

Source: RCSC.

Table 4.3.4: Number of Civil Servants by Major Occupational Groups, Position Category and Sex, 2022

Major Occupational Group	Executive and Specialists		Professional and Management		Supervisory and Support		Operational Staff		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
Education and Training services	0	0	5,679	4,306	137	58	0	0	10,180
Administration and support services	0	0	458	219	696	1,619	1,844	402	5,238
Medical and Health Services	0	0	495	423	1,532	1,393	0	0	3,843
Architectural, Engineering and Land Services	0	0	513	183	1,266	566	121	4	2,653
Finance and Audit Services	0	0	290	177	557	367	0	0	1,391
Forestry and Environment Protection Services	0	0	205	50	948	174	0	0	1,377
Agriculture and Livestock Services	0	0	251	66	652	220	1	0	1,190
Laboratory and Technical Services	0	0	50	23	422	505	0	0	1,000
Legal, Judiciary and Legislative Services	0	0	134	83	128	168	0	0	513
Human Resource Services	0	0	124	89	188	109	0	0	510
Library, Archives & Museum Services	0	0	13	6	84	259	0	0	362
Information Communication and Technology Services	0	0	99	75	77	48	0	0	299
Sports and Youth Services	0	0	103	82	188	86	0	0	459
Planning and Research Services	0	0	184	87	23	9	0	0	303
Transportation and Aviation Services	0	0	38	9	202	69	0	0	318
Executive and Specialist Services	224	56	0	0	0	0	0	0	280
Trade and Industry and Tourism Services	0	0	74	42	8	6	0	0	130
Foreign Services	0	0	48	26	0	0	0	0	74
Arts, Culture and Literary Services	0	0	38	7	24	5	0	0	74
<b>Total</b>	<b>224</b>	<b>56</b>	<b>8,796</b>	<b>5,953</b>	<b>7,132</b>	<b>5,661</b>	<b>1,966</b>	<b>406</b>	<b>30,194</b>

Source: RCSC.

Table 4.3.5 Public Service Statistics, 2018 - 2022

Public Service Institution	2018			2019			2020			2021			2022		
	Number of Staff			Number of Staff			Number of Staff			Number of Staff			Number of Staff		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Member of Parliaments	60	12	72	60	12	72	60	12	72	60	11	71	60	11	71
Constitutional Post Holders	...	...	..	...	...	...	...	...	...	19	6	25	19	3	22
Election Commission of Bhutan	84	43	127	85	42	127	83	41	124	83	42	125	68	42	110
Judiciary	326	275	601	316	284	600	315	304	617	315	309	610	267	274	541
Royal Monetary Authority	116	91	207	140	106	246	137	114	251	133	109	242	114	105	219
Civil Service	18,100	10,518	28,618	18,573	11,459	30,032	19,019	12,200	31,219	18,781	12,396	31,177	18,118	12,076	30,194
ESP and GSP	4,035	1,530	5,565	4,529	2,396	6,925	4,616	2,483	7,099	4,739	2,709	7,448	3,337	2,942	6,279
Local Government	1,316	175	1,491	1,316	175	1,491	1,316	175	1,491	1,316	175	1,491	1,316	175	1,491
Community Centers	63	159	222	62	163	225	59	151	210	59	151	210	60	154	214
SOEs	1,935	1,279	3,214	1,729	1,096	2,825	1,776	1,237	3,013	1,785	1,284	3,069	2,176	1,227	3,403
DHI and Companies	7,266	2,506	9,772	7,279	2,565	9,844	7,376	2,739	10,115	7,512	2,868	10,380	7,390	2,714	10,104
Royal University of Bhutan	...	...	...	...	...	...	...	...	...	...	...	...	...	394	1,150
Grand Total	33,301	16,588	49,889	34,089	18,298	52,387	34,757	19,456	54,211	34,802	20,060	54,848	33,681	20,117	53,798

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 was supplemented by keeping different kinds of domestic animals such as cattle for draught and milking purpose, chicken for eggs and pigs for meat etc.

However, nowadays, owing to the improved network of road accessibility and transportation in the country, increasing number of farms are shifting from subsistence-based farming to commercial agriculture. Strategies to increase livestock and crop production include intensifying farm mechanization, land development and fallow land reversion, introducing climate and disaster resilient crop varieties, mitigating human wildlife conflict through adoption of innovative technologies, promoting value addition and Renewal Natural Resources (RNR) enterprise development, and etc.

In order to fulfill the aspiration of food security and self-sufficiency in the country, it is imperative to use the coherent RNR statistics that will provide realistic picture of country's food situation. The availability of RNR statistics also serves as the basis for making evidence based programs and policy decisions.

Presented in this chapter therefore include statistics on agricultural area, quantity of crop produced and livestock population and production, inputs distributed and its price, etc.

**Table 5.1.1: Number of Agriculture and Livestock Centres, 2020 - 2022**

<b>Infrastructure</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>Agriculture Centres</b>			
Agriculture Extension Centre	209	205	202
National Seed Centre	1	1	1
Regional Seed Centre	4	4	4
Seed Production Farms	4	4	8
Fertilizer Store	1	1	1
National Plant Protection Centre	1	1	1
Agriculture Machinery and Technology Centre	1	1	1
National Mushroom Centre	1	1	1
Agriculture Research and Development Centres	3	3	3
Agriculture Research and Development Sub-Centres	5	5	5
Soil and Plant Analytical Laboratory	1	1	1
Research and Development Centre for Organic Agriculture	1	1	1
Farm Machinery Cooperation Limited (FMCL)	1	1	1
<b>Agricultural Marketing Centres</b>			
National Post Harvest Centre	1	1	1
Regional Post Harvest Centre	4	4	4
Large Market Facility (LMF)	NA	NA	1
Integrated Cold Storage (ICS)	NA	NA	2
Field Pack House (FPH)	NA	NA	3
Roadside Market Facility (RMF)	NA	NA	1
Ginger Processing Unit (GPU)	NA	NA	1
<b>Livestock Centres</b>			
National Dairy Development Centre (NDDC)	1	1	1
National Livestock Research and Development Centres	7	7	1
National Center for Animal Health	1	1	1
Dzongkhag Veterinary Hospitals	20	20	20
Regional Livestock Development Centres	4	4	1
National Veterinary Hospital	1	1	1
Regional Veterinary Hospital and Epidemiology Centre	3	3	3
Satellite Veterinary Laboratory	4	4	1
Biological Production Centre	1	1	1
Satellite Veterinary Laboratory	4	4	1
Liquid Nitrogen Centre	2	2	2
Semen Processing Centre	1	1	1
National Highland Development Centre	1	1	1
Livestock Central Store	1	1	1
National Poultry Development Centre	1	1	1
National Development Centre for Animal Nutrition	1	1	1
Regional Centre for Animal Nutrition	1	1	1

*(Continued)*

<b>Infrastructure</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
National Research & Development Centre for Riverine & Lake Fisheries	1	1	1
National Piggery Development Centre	1	1	1
National Development Centre for Aquaculture	1	1	1
Regional Centre for Aquaculture	1	1	1
National Cattle Breeding Centre	1	1	1
Regional Cattle Breeding Centre	1	1	1
National Poultry Breeding Centre	1	1	1
Regional Pig & Poultry Breeding Centre	1	1	1
National Mithun Breeding Centre	1	1	1
National Sheep Farm	1	1	1
National Nucleus Pig Breeding Centre	1	1	1
National Equine Farm	1	1	1
National Yak Farm	1	1	1
National Mastiff Breeding Farm	1	1	1
<b>Forestry Centres</b>			
Functional Divisions	7	7	4
Divisional Forest Office	14	14	14
Range Offices	75	74	75
Beat Office	85	86	98
Forest Check Posts	39	45 <sup>2</sup>	44
Protected areas (Parks & sanctuaries)	10	10	10
Forest Management unit	21	21	21
Biological Corridors	8	8 <sup>3</sup>	8

*Note : Agriculture Machinery and Technology Centre was previously named Agriculture Machinery Centres*

*Regional Veterinary Hospital and Epidemiology Centre was previously named*

*Satellite Veterinary Laboratory was previously named Satellite Veterinary Hospital.*

*Biological Production Centre was previously named Vaccine Production Centre.*

*National Highland Development Centre was previously named National Highland Program.*

*Source: DoA, DoL and DAMC of MoAL and DoFPS, MoENR.*

Table 5.1.2: Distribution of Plant Protection Chemicals by Dzongkhag, 2017/2018 - 2021/2022

(Volume in Kg/L, unless Specified)

Dzongkhag	2017/2018					2018/2019				
	Insecticides	Fungicides	Herbicides	Rodenticides (Kg)	Non-toxic	Insecticides	Fungicides	Herbicides	Rodenticides (Kg)	Non-toxic
Bumthang	40.80	217.75	409.25	0.37	0.00	31.60	218.50	414.75	0.09	28.60
Chukha	92.80	146.50	10,543.50	0.00	5.50	72.50	1.00	16,742.25	0.12	3.50
Dagana	23.00	1.25	5,014.25	0.10	10.00	72.80	0.00	5,287.50	15.30	51.25
Gasa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Haa	202.70	191.45	5,311.50	2.67	26.25	152.70	93.25	74.50	0.82	20.00
Lhunse	30.00	3.50	14,025.00	2.00	0.00	26.40	1.25	23,132.75	0.53	0.00
Monggar	170.00	0.75	7,230.00	1.00	100.00	339.00	200.50	11,941.00	0.50	230.00
Paro	1,972.60	1,018.85	161,986.75	0.50	4,297.40	1,598.20	879.30	163,130.50	0.67	3,934.40
Pema Gatshel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Punakha	195.20	18.50	90,009.50	0.28	0.00	339.20	25.55	70,098.00	2.67	105.00
Samdrup Jongkhar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00	0.00	0.00
Samtse	0.00	0.00	7,300.00	0.10	2.00	0.00	0.00	5,000.00	0.00	5.00
Sarpang	147.50	66.20	10,235.00	0.00	117.50	76.70	30.45	9,103.00	1.80	72.25
Thimphu	30.50	21.60	27,010.00	0.10	0.00	1,321.00	44.60	20,036.00	11.75	0.20
Trashigang	1,849.30	1,010.00	36,029.00	0.61	3,402.75	1,509.60	703.50	30,434.00	2.01	1,205.70
Trongsa	51.00	40.00	16,182.00	0.00	0.00	0.00	2.75	17,165.00	0.05	0.00
Tsirang	61.30	32.40	11,171.50	1.18	0.00	42.60	1.00	10,871.00	12.37	20.00
Wangdue Phodrang	250.60	2,083.40	41,590.75	4.53	430.75	410.70	3,741.95	57,989.25	9.02	424.15
Zhemgang	0.00	0.30	0.00	0.00	0.10	2.00	0.00	0.00	0.00	0.50

(continued)



(Table 5.1.2 continued)

Dzongkhag	2019/2020					2020/2021					2021/2022				
	Insectic ides	Fungjici des	Herbici des (Kg)	Rodenci des (Kg)	Non-toxic	Insectic ides	Fungjici des	Herbici des (Kg)	Rodenci des (Kg)	Non-toxic	Insectic ides	Fungjici des	Herbici des (Kg)	Rodenci des (Kg)	Non-toxic
Bumthang	45.50	4.20	179.00	0.00	20.00	72.90	333.20	408.10	408.10	52.20	229.45	380.75	0.00	20.50	
Chhukha	127.00	0.00	8,582.50	0.00	13.50	402.20	147.25	664.15	664.15	233.20	8.00	20,310.00	0.00	35.00	
Dagana	112.10	0.50	5,012.00	3.31	62.00	329.30	65.25	554.95	554.95	302.60	43.90	8,650.00	1.00	15,955.40	
Gasa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Haa	108.90	0.00	10,107.75	0.00	81.00	114.00	80.75	211.15	211.15	184.50	95.85	6,201.00	0.00	0.00	
Lhunse	0.00	0.00	14,520.00	0.00	0.00	70.70	12.50	88.70	88.70	117.60	29.00	24,006.50	0.00	0.00	
Monggar	342.50	0.00	10,093.00	0.00	0.00	781.80	142.50	1,489.30	1,489.30	467.60	41.35	6,919.50	1.00	420.50	
Paro	949.00	20.10	132,028.50	0.00	2,729.05	1,793.90	1,139.40	3,689.00	3,689.00	1,892.30	1,389.60	133,983.00	0.00	2,667.30	
Pema Gatshel	0.50	0.00	0.00	0.00	0.00	78.10	35.75	123.85	123.85	6.40	0.00	0.00	0.00	0.00	
Punakha	250.80	6.80	75,014.25	0.26	27.50	312.90	201.65	586.15	586.15	374.60	38.85	90,078.30	0.00	0.10	
Samdrup Jongkhar	0.00	0.00	1,000.00	0.00	0.00	2.00	4.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	
Samtse	7.80	0.00	4,502.00	0.00	30.50	12.00	2.50	19.50	19.50	72.10	32.65	28.00	0.00	405.70	
Sarpang	34.00	0.00	20,010.00	0.00	23.80	251.50	212.50	620.00	620.00	394.80	199.20	12,403.00	0.00	275.20	
Thimphu	70.00	0.00	18,000.00	0.00	0.00	1,841.70	696.25	3,894.75	3,894.75	610.20	519.45	41,430.35	2.00	1,743.90	
Trashi Yangtse	90.00	50.00	30,934.50	0.00	38.10	269.00	193.00	476.50	476.50	274.70	118.00	40,737.05	1.00	5.00	
Trashigang	589.60	0.50	35,273.25	0.47	2,967.95	502.10	304.40	1,029.00	1,029.00	394.60	1.00	24,018.00	15.00	0.00	
Trongsa	12.80	0.00	20,033.00	0.00	0.60	66.00	0.75	80.75	80.75	114.50	62.25	19,148.35	0.00	5.00	
Tsirang	12.00	5.00	20,512.50	0.30	30.00	55.00	32.25	110.25	110.25	26.10	4.75	6,007.00	0.00	0.00	
Wangdue Phodrang	318.40	9.60	52,418.25	0.40	33.90	1,039.10	5,194.45	6,872.65	6,872.65	838.90	6,183.05	66,487.60	4.00	532.40	
Zhemgang	11.00	1.00	0.00	0.00	0.00	123.30	26.00	152.00	152.00	288.80	0.00	2.50	0.00	420.50	

Source: National Plant Protection Centre, Department of Agriculture, MoA-L

Table 5.1.3: Distribution of Fertilizer by Dzongkhag, 2018/2019 - 2021/2022

Dzongkhag	2018/2019								2019/2020					
	Suphala	Urea	Single super phosphate	Muriate potash	Bone meal	Diammonium phosphate (DAP)	Borax	Calcium Ammonium Nitrate (CAN)	Suphala	Urea	Single super phosphate	Muriate potash	Diammonium phosphate (DAP)	Borax
Bumthang	49.94	146.49	298.40	0.00	0.25	0.00	0.00	0.00	41.40	143.36	280.00	0.00	0.00	0.00
Chhukha	66.57	10,006.0,002	0.00	0.00	0.00	1.15	0.02	0.00,25	175.45	117.36	0.00	0.00	0.00	0.00
Dagana	11.19	7.85	0.00	0.00	0.00	0.00	0.00	0.00	18.50	9.77	0.00	0.00	0.00	0.00
Gasa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Haa	15.65	12.52	0.00	0.00	0.20	0.00	0.00	0.00	0.00	19.98	0.00	0.00	0.00	0.00
Lhuentse	0.10	110.38	0.20	0.00	0.00	0.00	0.00	0.00	11.00	62.91	0.25	0.00	0.00	0.00
Monggar	44.84	149.07	0.25	0.00	0.00	0.00	0.00	0.00	58.95	58.86	4.20	0.00	0.00	0.00
Paro	109.55	86.21	32.55	1.75	0.00	0.00	0.19	0.00	174.25	126.45	3.50	0.00	0.00	0.21
Perna Gatshel	0.04	0.08	0.00	0.00	0.00	0.00	0.00	0.00	8.75	1.31	0.00	0.00	0.00	0.00
Punakha	106.23	123.61	9.35	0.00	0.00	0.00	0.00	0.00	96.25	134.85	14.00	0.00	0.00	0.00
Samtse	1.79	3.99	0.00	0.00	0.00	0.20	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00
Sarpang	4.20	15.84	2.75	0.20	0.00	0.00	0.00	0.00	4.95	7.65	1.00	0.00	0.00	0.00
Samdrup Jongkhar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	16.02	0.70	0.00	0.40	0.00
Thimphu	113.67	78.78	40.35	1.80	0.15	0.20	0.19	0.00	46.50	143.82	0.00	0.00	0.00	0.00
Trashigang	107.15	170.44	21.60	0.00	0.00	0.00	0.00	0.00	179.35	99.72	59.65	1.50	0.00	0.25
Tashi Yangtse	36.15	143.17	0.00	0.00	0.00	0.00	0.00	0.00	271.85	372.56	57.20	0.00	0.00	0.00
Trongsa	12.00	11.95	0.00	0.00	0.00	0.00	0.00	0.00	17.85	10.89	0.00	0.00	0.00	0.00
Tsirang	9.32	17.57	0.00	0.00	0.85	0.00	0.00	0.00	5.60	9.86	0.00	0.00	0.00	0.00
Wangdue Phodrang	507.10	90.14	145.20	0.80	0.75	0.00	0.00	0.00	652.35	113.09	170.60	0.00	0.00	0.00
Zhemgang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>1,195.49</b>	<b>1,274.00</b>	<b>550.65</b>	<b>4.55</b>	<b>2.20</b>	<b>1.55</b>	<b>0.41</b>	<b>0.50</b>	<b>1,766.50</b>	<b>1,448.43</b>	<b>591.10</b>	<b>1.50</b>	<b>0.40</b>	<b>0.46</b>

(continued)

(Table 5.1.3 continued)

Dzongkhag	2020/2021						2021/2022					
	Suphala	Urea	Single super phosphate	Muriate potash	Borax	Diammonium phosphate (DAP)	Suphala	Urea	Single super phosphate	Muriate potash	Borax	Diammonium phosphate (DAP)
Bumthang	52.94	199.44	351.45	0.35	0.00	0.00	5,320.00	64,378.80	68,750.00	0.00	0.00	0.00
Chhukha	254.30	118.95	5.10	0.05	0.00	0.09	90,510.00	25,295.00	550.00	850.00	0.00	200.00
Dagana	13.20	6.84	0.00	0.00	0.00	0.00	17,000.00	5,985.00	0.00	0.00	0.00	0.00
Gasa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Haa	21.00	17.55	2.50	0.00	0.00	0.00	35,000.00	24,058.80	0.00	0.00	0.00	0.00
Lhuentse	18.65	25.11	0.35	0.00	0.00	0.00	0.00	74,925.00	1,250.00	0.00	0.00	0.00
Monggar	53.05	34.34	14.20	0.00	0.00	0.00	27,800.00	56,982.60	5,150.00	1,400.00	0.00	0.00
Paro	298.55	147.02	7.70	1.60	0.15	0.00	164,910.00	131,190.00	5,150.00	0.00	0.00	0.00
Pema Gatsbel	0.00	5.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Punakha	97.44	151.16	17.95	0.00	0.00	0.00	59,500.00	120,420.00	5,000.00	0.00	0.00	0.00
Samtse	4.05	3.51	0.00	0.00	0.00	0.00	5,000.00	1,530.00	0.00	0.00	0.00	0.00
Sarpang	4.50	27.05	0.50	1.00	0.00	0.00	6,000.00	29,070.00	0.00	0.00	0.00	0.00
Samdrup Jongkhar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thimphu	136.30	71.88	45.95	4.15	0.18	0.00	86,500.00	53,152.00	15,150.00	150.00	100.00	0.00
Trashigang	243.80	101.39	42.25	0.00	0.00	0.00	55,645.00	414,389.00	0.00	0.00	0.00	0.00
Tashi Yangtse	62.51	28.85	3.50	0.00	0.00	0.00	45,000.00	107,354.00	0.00	0.00	0.00	0.00
Trongsa	21.40	13.86	0.00	0.00	0.00	0.00	17,445.00	14,685.60	50.00	0.00	0.00	0.00
Tsirang	10.05	9.77	0.60	0.00	0.00	0.00	14,250.00	18,750.00	1,000.00	0.00	0.00	0.00
Wangdue Phodrang	563.75	119.28	183.20	1.75	0.00	0.00	231,000.00	59,635.00	1,500.00	25,300.00	0.00	0.00
Zhemgang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>1,855.49</b>	<b>1,081.10</b>	<b>675.25</b>	<b>8.40</b>	<b>0.33</b>	<b>0.90</b>	<b>860,880.00</b>	<b>1,201,800.80</b>	<b>103,550.00</b>	<b>27,700.00</b>	<b>100.00</b>	<b>200.00</b>

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

Table 5.1.4: Dzongkhag wise area of land under different agricultural landuse, 2010, 2016 and 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
Trashigang 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
<b>Total</b>	<b>31,146.10</b>	<b>69,440.60</b>	<b>11,523.40</b>	<b>31,844.90</b>	<b>68,450.50</b>	<b>5,559.60</b>	<b>47,395.59</b>	<b>185,533.00</b>	<b>9,091.82</b>

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

Table 5.1.5: Cultivated area, Production and Yield of Cereal Crops, 2018 - 2022

Crops	2018		2019		2020		2021		2022	
	Harvested Area (Acres)	Production (MT)	Harvested Area (Acres)	Production (MT)	Harvested Area (Acres)	Production (MT)	Harvested Area (Acres)	Production (MT)	Harvested Area (Acres)	Production (MT)
Paddy	37,268	63,890	30,314	49,948	31,328	54,088	24,055	40,508	22,683	41,049
Maize	36,836	55,259	32,485	46,235	27,945	40,965	20,289	30,939	18,429	25,981
Wheat	2,819	1,445	2,481	1,319	2,457	1,623	2,286	1,169	1,769	770
Buckwheat	4,647	1,991	5,116	2,350	4,949	2,701	3,782	1,855	2,595	1,133
Barley	1,715	929	1,957	1,026	1,764	1,123	1,605	857	1,305	615
Millet	2,760	1,071	2,686	1,241	2,690	1,613	2,273	1,122	1,298	602
Quinoa	114	21	308	83	223	102	89	37	36	18

Source: Agricultural Statistics Division, NSB

Table 5.1.6: Cultivated area and Production of Cereal Crops by Dzongkhag, 2022

Dzongkhag	Irrigated Paddy		Upland Paddy		Maize		Wheat		Buckwheat	
	Harvested Area (acres)	Production (MT)	Harvested Area (acres)	Production (MT)	Harvested Area (acres)	Production (MT)	Harvested Area (acres)	Production (MT)	Harvested Area (acres)	Production (MT)
Bumthang	71.6	107.2	0.0	0.0	0.9	0.9	277.6	131.6	671.7	337.5
Chhukha	589.9	878.7	10.5	7.6	972.2	1,049.6	68.4	29.0	210.0	80.5
Dagana	1,687.1	2,386.8	23.5	16.2	1,887.2	2,332.9	27.0	9.5	134.8	50.3
Gasa	101.6	139.5	0.0	0.0	1.5	2.3	47.5	14.8	4.4	1.4
Haa	54.0	67.8	0.0	0.0	78.8	99.4	200.5	99.8	162.2	64.5
Lhuentse	1,019.0	1,776.0	43.3	49.1	837.7	1,314.1	4.2	2.3	3.3	1.8
Monggar	532.9	590.3	20.9	17.9	4,077.9	5,133.0	16.9	7.3	128.6	65.7
Paro	2,281.3	6,204.3	0.0	0.0	17.2	12.7	382.6	187.9	43.9	23.4
Pema Gatsel	25.9	31.7	1.1	1.4	1,246.8	2,005.0	4.6	2.5	68.3	27.9
Punakha	3,528.7	8,059.4	9.6	7.6	117.6	164.4	197.8	61.0	52.2	21.5
Samdrup Jongkhar	1,146.8	1,909.1	30.2	19.5	1,433.6	2,089.9	6.7	3.3	326.0	125.7
Samtse	2,640.5	3,055.1	44.8	36.4	1,415.6	1,638.8	42.8	19.5	64.6	26.2
Sarpang	1,830.6	2,990.8	10.9	8.1	734.8	1,142.2	7.2	2.2	34.7	11.9
Thimphu	282.2	693.9	0.0	0.0	4.7	6.5	54.1	26.1	0.4	0.1
Trashigang	892.5	1,920.3	37.6	33.2	2,092.9	3,677.6	19.2	9.1	175.9	76.0
Trashigang Yangtse	629.3	1,380.5	68.4	68.0	718.9	1,611.4	4.3	2.8	5.6	2.2
Trongsa	877.5	1,417.8	5.7	3.7	197.5	335.2	95.4	41.8	160.4	63.7
Tsirang	1,290.3	1,538.8	16.1	13.1	1,680.7	2,027.6	9.6	2.9	39.5	14.3
Wangdue Phodrang	2,278.7	4,515.5	11.0	10.9	61.5	109.0	258.5	97.5	199.5	85.5
Zhemgang	559.5	1,081.2	29.2	11.9	851.4	1,228.5	44.2	19.0	109.7	53.1
<b>TOTAL</b>	<b>22,319.8</b>	<b>40,744.7</b>	<b>362.9</b>	<b>304.4</b>	<b>18,429.3</b>	<b>25,981.1</b>	<b>1,769.2</b>	<b>769.8</b>	<b>2,595.3</b>	<b>1,133.1</b>

(continued)

(Table 5.1.6 continued)

Dzongkhag	Barley		Millet		Quinoa	
	Harvested Area (acres)	Production (MT)	Harvested Area (acres)	Production (MT)	Harvested Area (acres)	Production (MT)
Bumthang	226.8	120.5	0.1	0.0	1.5	0.4
Chhukha	35.9	16.6	143.5	63.9	0.7	0.4
Dagana	19.7	7.0	120.9	49.6	0.0	0.0
Gasa	116.1	50.1	0.0	0.0	0.0	0.0
Haa	24.8	11.0	23.5	8.9	0.0	0.0
Lhuentse	0.3	0.1	46.1	25.7	0.6	0.1
Monggar	307.3	150.6	11.6	4.9	4.5	1.6
Paro	67.7	42.5	3.3	1.2	0.0	0.0
Pema Gatshel	7.2	3.1	62.3	26.8	0.3	0.1
Punakha	19.6	7.1	0.1	0.1	0.0	0.0
Samdrup Jongkhar	29.5	10.5	49.6	21.9	0.2	0.1
Samtse	4.1	1.8	308.5	129.5	2.2	0.7
Sarpang	0.1	0.1	131.8	56.4	1.5	0.5
Thimphu	10.4	5.1	0.1	0.1	0.0	0.0
Trashigang	75.9	36.5	29.8	13.6	22.4	13.9
Trashhi Yangtse	3.0	1.4	170.8	116.4	1.1	0.4
Trongsa	235.7	103.2	13.8	5.5	0.1	0.1
Tsirang	3.2	1.0	119.8	51.0	0.2	0.0
Wangdue Phodrang	112.7	45.3	6.6	2.8	0.0	0.0
Zhemgang	5.2	1.4	55.4	23.2	0.3	0.1
<b>TOTAL</b>	<b>1,305.2</b>	<b>614.9</b>	<b>1,297.7</b>	<b>601.5</b>	<b>35.8</b>	<b>18.3</b>

Source: Agricultural Statistics Division, NSB

Table 5.1.7: Number of Fruit Bearing Tree and Production by Type, 2018 - 2022

Fruits	2018		2019		2020		2021		2022	
	Bearing Trees	Production (MT)	Bearing Trees	Production (MT)	Bearing Trees	Production (MT)	Bearing Trees	Production (MT)	Bearing Trees	Production (MT)
Apple	208,124	3,684.4	197,196	4,321.4	191,617	4,056.1	134,004	2,323.8	119,688	2,222.9
Apricot	680	16.3	704	15.2	921	35.9	2,160	40.8	1,738	35.1
Areca nut	1,218,752	11,680.6	1,510,628	16,106.9	1,528,064	17,445.7	1,793,252	21,376.6	1,415,779	11,106.4
Avacado	2,466	58.1	3,103	61.2	5,017	111.8	6,555	73.5	11,387	135.8
Banana	186,436	2,762.2	236,623	3,753.7	206,099	3,149.8	263,506	3,173.6	180,534	2,139.2
Date plum	883	13.8	1,400	19.1	...	...	...	...	...	...
Dragon fruits	40	0.1	59	0.2	131	0.4	236	0.7	1,040	3.8
Guava	38,851	895.1	49,738	1,368.9	45,640	1,062.1	43,864	823.6	38,722	515.0
Hazelnut	12,314	2.4	42,420	3.1	53,105	6.4	61,814	14.2	40,969	13.2
Jackfruit	3,371	565.5	3,286	469.2	3,401	284.8	3,272	365.6	3,177	248.3
Kiwi	836	2.9	1,954	19.6	3,069	28.4	4,084	50.8	...	26.4
Lemon & Lime	6,348	90.7	7,015	125.8	7,703	115.2	10,718	139.1	8,520	73.0
Litchi	12,142	302.6	13,515	384.7	17,210	329.3	20,140	390.6	17,262	249.3
Mandarin	869,140	26,527.5	960,851	27,529.5	858,519	25,660.8	808,205	15,966.4	714,250	18,466.6
Mango	29,514	848.3	25,641	665.7	32,519	819.1	27,892	530.5	30,932	482.0
Papaya	7,722	161.1	9,357	215.7	9,776	205.8	8,562	164.1	7,791	121.5
Passion fruit	...	...	...	...	...	...	3,144	51.1	...	44.9
Peach	30,456	1,135.2	34,315	1,245.9	35,283	1,061.2	25,120	633.4	22,996	515.3
Pear	24,277	1,372.2	28,763	1,583.6	30,950	1,107.0	25,173	859.1	26,823	760.2
Persimmon	3,992	207.1	4,665	234.6	5,028	206.8	3,712	97.5	3,970	94.7
Pine apple	...	278.9	...	148.7	123,629	161.7	104,999	128.2	...	97.8
Plum	10,784	531.7	11,449	585.1	12,282	438.7	8,610	257.5	9,300	312.0
Pomegranate	4,895	59.0	5,523	78.9	5,280	79.8	4,804	62.8	4,142	37.0
Sugarcane	...	100.9	...	396.3	...	...	...	...	...	...
Walnut	10,247	223.1	9,469	256.1	9,210	219.0	8,708	178.7	7,804	129.4
Watermelon <sup>1</sup>	...	32.7	...	66.5	...	53.5	60	156.0	...	94.2

Notes: <sup>1</sup> Harvested area for watermelon is in Acre.

Source: Agricultural Statistics Division, NSB



Table 5.1.8: Cultivated area and Production of Vegetables, Oilseeds, Spices, Pulses and Roots &amp; Tubers, 2018 - 2022

Details	2018		2019		2020		2021		2022	
	Harvested Area (Acres)	Production (MT)	Harvested Area (Acres)	Production (MT)	Harvested Area (Acres)	Production (MT)	Harvested Area (Acres)	Production (MT)	Harvested Area (Acres)	Production (MT)
<b>Vegetables</b>										
Asparagus	154	160	264	79	206	127	181	178	149	116
Beans (fresh)	3,423	2,274	2,058	2,923	2,544	3,169	1,611	2,096	1,595	1,533
Bunching onion	...	...	243	179	307	268	247	227	277	258
Broccoli	781	846	751	864	1,107	1,727	871	1,156	896	917
Cabbage	1,792	4,036	1,737	6,069	2,072	7,830	1,320	3,763	1,536	3,206
Cauliflower	1,001	1,191	851	1,446	1,198	2,448	947	1,648	915	1,196
Carrot	415	782	540	1,374	677	1,787	438	874	381	1,300
Chilli	4,031	7,133	3,524	7,674	3,765	9,333	3,439	5,864	3,415	5,557
Corriander	277	146	255	120	295	301	171	136	147	114
Cucumber	561	1,541	247	2,691	499	1,970	540	1,194	412	1,126
Dally Chilli	...	...	194	169	...	...	...	...	...	...
Egg-plant/ Brinjal	242	245	197	300	301	429	219	303	171	197
Green leaves	1,780	2,049	1,262	2,040	...	3,531	...	1,779	...	1,505
Lady Finger/ Okra	79	9	15	23	...	...	...	...	...	...
Onion bulb	394	305	141	155	203	216	415	419	288	265
Peas	642	567	451	685	603	749	386	482	309	317
Pumpkin/ squash/ gourds	986	3,870	569	6,043	...	7,918	...	5,695	...	4,528
Radish	1,644	3,649	1,238	4,721	2,406	5,234	1,176	2,576	1,146	1,943
Tomato	329	261	148	233	246	359	229	289	172	206
Tree tomato <sup>1</sup>	...	...	...	359	...	441	48,605	484	...	216
Turnip	1,433	9,097	1,465	9,293	1,584	10,385	1,244	3,162	815	2,349
Cultivated Mushroom	...	34	...	44	...	112	...	...	...	...

(continued)

(Table 5.1.8 continued)

Details	2018		2019		2020		2021		2022	
	Harvested Area (Acres)	Production (MT)	Harvested Area (Acres)	Production (MT)	Harvested Area (Acres)	Production (MT)	Harvested Area (Acres)	Production (MT)	Harvested Area (Acres)	Production (MT)
<b>Oilseeds</b>										
Groundnut	267	197	378	230	274	313	157	48	172	113
Mustard	1,103	244	1,664	394	1,746	538	1,159	331	863	224
Pyrrilla	...	...	...	...	177	61	113	26	61	14
Sesame	3	1	4	1	...	...	...	...	...	...
Soya bean	377	107	621	171	540	234	266	90	159	58
Sunflower	8	2	32	8	11	8	7	3	3	2
<b>Spices</b>										
Cardamom	21,395	1,542	15,615	1,413	13,696	2,175	11,599	1,609	9,461	1,693
Garlic	874	550	770	761	570	691	255	240.25	305	297
Ginger	2,156	4,260	2,386	6,209	3,721	8,890	3,080	7,154	1,975	3,711
Tumeric	...	...	70	92	156	187	177	203	139	145
<b>Pulses</b>										
Adzuki beans	...	...	...	...	...	...	...	...	55	17
Beans dry	...	...	929	407	875	485	723	320	...	...
Lentil	617	138	297	55	342	91	39	15	7	2
Mung bean	...	...	1,307	464	1,084	382	1,032	381	726	220
Rajma bean/ Kidney Bean	...	...	1,501	666	1,594	850	681	363	1,050	364
<b>Roots and Tubers</b>										
Collocacia /Taro	140	92	127	210	164	244	110	147	58	75
Ground apple	...	...	61	211	121	236	73	146	42	74
Potato	11,131	44,278	10,342	43,560	10,342	45,500	8,244	38,573	7,820	31,146
Sweet potato	64	32	62	48	66	67	52	53	37	28
Tapioca/Cassava	389	448	329	484	319	608	213	389	168	236

Note: <sup>1</sup> Number of bearing tree

Source: Agricultural Statistics Division, NSB

**Table 5.1.9: Average Retail Price of Farm Products at Centenary Farmers' Market (CFM), Thimphu by Type, 2018 - 2022**

	(Nu. per kg)				
<b>Farm Products</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>Vegetables</b>					
Asparagus	238.27	384.00	122.95	268.00	148.330
Bamboo shoot	125.00	130.00	...	130.00	...
Bean (Flat Type)	122.41	125.00	130.00	151.00	137.140
Bean (Round Type)	122.30	125.00	130.00	151.00	137.140
Bean (Long Type)	...	125.00	130.00	151.00	137.140
Bitter Gourd	85.38	140.00	95.36	89.00	77.460
Brinjal	55.53	115.00	...	73.00	72.400
Broccoli	90.94	170.00	103.05	96.00	101.050
Cabbage	39.75	50.00	41.25	44.00	59.140
Carrot	80.74	90.00	71.65	77.00	92.280
Cauliflower	138.30	120.00	128.15	132.00	136.850
Chilli dry (Big)	198.15	725.00	223.63	222.00	143.560
Chilli dry (Small)	252.30	190.00	320.11	335.00	169.090
Coriander	30.00	35.00	35.00	30.00	...
Cucumber	71.87	80.00	77.09	85.00	90.140
Garlic	184.60	215.00	291.85	259.00	228.910
Ginger	120.93	160.00	173.69	94.00	95.360
Mushroom (Oyster)	117.69	305.00	...	256.00	190.280
Mushroom (shitaake)	673.81	430.00	...	450.00	...
Onion	53.95	83.00	74.02	58.00	47.160
Peas	100.49	145.00	150.00	116.00	132.080
Potato	35.62	50.00	45.22	43.00	39.510
Pumpkin	42.61	63.00	46.22	45.00	39.660
Radish	38.70	45.00	35.46	42.00	44.110
Spinich (saag)	66.52	40.00	60.00	40.00	80.750
Squash	43.20	65.00	65.00	60.00	...
Tomato	72.09	90.00	88.14	85.00	68.420
Turnip	93.13	40.00	35.98	40.00	49.220
<b>Fruits</b>					
Apple	210.51	150.00	167.00	198.00	176.750
Avocado	333.29	375.00	446.00	515.00	399.120
Banana(dozen)	76.93	80.00	53.00	111.00	109.080
Guava	84.29	140.00	...	110.00	...
Lemon	162.25	145.00	...	...	...
Mango	142.19	205.00	169.00	219.00	248.280
Orange	171.46	170.00	98.00	156.00	178.960
Papaya	96.94	150.00	...	120.00	...
Passion Fruit	234.50	200.00	...	...	...
Pear	177.92	175.00	...	170.00	...
Pineapple (pcs)	66.19	75.00	...	75.00	...

Source: Department of Agriculture Marketing and Cooperatives, MoAL

Table 5.1.10: Price of Seeds and Seedling, 2018 - 2022

Cereals and Oil Seeds	Unit	2018	2019	2020	2021	2022
<b>Cereals</b>						
Maize (Y/pa, S/phangma, C/karpa)	5 kg/bag	...	30.00	56.80	30.00	32.00
Maize (P3377)	4kgs bag	290.00	267.00	267.00	267.00	267.00
Maize (P344)	2 kg /pkt	290.00	...	...	...	...
Paddy (BRK-1 & 2, BK-1 & 2)	20 kg/bag	35.00	40.00	40.00	40.00	40.00
Paddy (Bajo Maap)	20 kg/bag	...	50.00	50.00	50.00	50.00
Paddy (Bajo kaap-1&2 & IR-64)	20 kg/bag	...	45.00	45.00	45.00	44.00
Paddy (No.K/Map, YKK-1 & 2 and Yrm)	20 kg/bag	68.00	71.00	71.00	71.00	71.00
Wheat (Sonalika, Baj & Agreeem)	20 kg/bag	38.00	38.00	...	...	...
Dhaincha	20 kg/bag	...	61.00	61.00	61.00	65.00
Mustard (M-27)	5 kg /Bag	90.00	90.00	90.00	90.00	113.00
Soya bean (Lebi -1)	10 kg/bag	...	86.00	86.00	86.00	86.00
<b>Vegetable Seeds</b>						
Beans (Top crop/borlotto)	50 gm/pkt	11.00	13.00	14.00	18.00	13.00
Beetroot (DDR)	10 gm/pkt	13.00	15.00	15.00	15.00	19.00
Bitter Gourd (Hybrid)	10 gm/pkt	...	32.00	32.00	32.00	32.00
Bottle Gourd (Hybrid)	10 gm/pkt	...	32.00	32.00	32.00	32.00
Brinjal (PP Long)	10 gm/pkt	...	15.00	15.00	15.00	15.00
Broccoli (Centauro)	10 gm/pkt	...	226.00	255.00	255.00	280.00
Broccoli (Dessico - OP)	10 gm/pkt	10.00	13.00	13.00	13.00	13.00
Bunching Onion (No-21)	10 gm/pkt	25.00	25.00	25.00	25.00	25.00
Cabbage (Hybrid)	10 gm/pkt	...	149.00	156.00	...	186.00
Cabbage (Golden Acre)	10 gm/pkt	29.00	32.00	41.00	...	33.00
Carrot (ASC - Hybrid)	10 gm/pkt	86.00	95.00	...	...	...
Carrot (N. Kuroda)	10 gm/pkt	20.00	22.00	22.00	22.00	22.00
Cauliflower (Hybrid)	10 gm/pkt	172.00	177.00	202.00	...	222.00
Cauliflower (K.early/K.late)	10 gm/pkt	17.00	19.00	19.00	...	15.00
Chilli-IR-8 (Indian)	10 gm/pkt	10.00	13.00	13.00	13.00	13.00
Chilli (Sha ema)	10 gm/pkt	...	20.00	20.00	20.00	20.00
Chinese Cabbage	10 gm/pkt	10.00	13.00	13.00	13.00	13.00
Coriander (Local)	10 gm/pkt	15.00	15.00	15.00	15.00	15.00
Cucumber (Frontier)	10 gm/pkt	100.00	100.00	100.00	100.00	100.00
Cucumber (S. Genchu)	10 gm/pkt	17.00	23.00	23.00	23.00	23.00

(continued)

(Table 5.1.10 continued)

Cereals and Oil Seeds	Unit	2018	2019	2020	2021	2022
Cucumber (santon No 1)	10 gm/pkt	28.00	29.00	29.00	29.00	29.00
Garlic (Local)	10 gm/pkt	...	195.00	195.00	195.00	195.00
Ginger (Local)	10 gm/pkt	...	100.00	...	...	...
Japanese Green (Mibuna)	10 gm/pkt	10.00	15.00	15.00	15.00	15.00
Japanese Green (Taisai)	10 gm/pkt	10.00	15.00	15.00	15.00	15.00
Ladies Finger (PS)	10 gm/pkt	17.00	18.00	18.00	18.00	18.00
Lettuce (Great Lake)	5 gm/pkt	25.00	29.00	29.00	29.00	29.00
Sag (Him Beauty)	10 gm/pkt	14.00	15.00	15.00	...	...
Onion (OP/ B-Red)	10 gm/pkt	20.00	22.00	22.00	22.00	22.00
Onion (Pune Red)	10 gm/pkt	25.00	25.00	25.00	25.00	20.00
Peas (Mr. Rig). Hybrid	50 gm/pkt	11.00	13.00	13.00	13.00	13.00
Peas (Usui/Arkel)	50 gm/pkt	11.00	13.00	13.00	13.00	13.00
Beans (Pole bean white)	50 gm/pkt	11.00	...	18.00	18.00	...
Pumpkin (T-Kabuta)	10 gm/pkt	13.00	15.00	15.00	15.00	15.00
Radish (Ivory white)	10 gm/pkt	10.00	11.00	11.00	...	...
Radish (Minowase)	10 gm/pkt	10.00	13.00	13.00	13.00	13.00
Radish (Tokinashi)	10 gm/pkt	19.00	20.00	11.00	20.00	20.00
Spinach All (Green/Beet)	10 gm/pkt	10.00	13.00	20.00	13.00	13.00
Squaush (Zucchini)	10 gm/pkt	14.00	15.00	13.00	15.00	15.00
Tomato (PS-61)	5 gm/pkt	121.00	122.00	122.00	122.00	122.00
Tomato (Ratan/Roma)	5 gm/pkt	17.00	18.00	18.00	18.00	18.00
Turnip (PTWG)	10 gm/pkt	13.00	13.00	13.00	13.00	13.00
Water melon (Sugar Baby)	10 gm/pkt	18.00	22.00	22.00	22.00	22.00
Water melon (Hybrid)	10 gm/pkt	330.00	...	...	...	192.00
Potato Red (Desiree)	50 kg/bag	...	27.00	32.00	...	31.00
Potato White varieties	150 kg/bag	...	26.00	26.00	...	28.00
<b>Temperate fruit seedlings</b>						
Almond (Kagzi)	Number	90.00	100.00	100.00	100.00	100.00
Apple (All Varieties)	Number	80.00	90.00	90.00	90.00	90.00
Apricot (Shakharpara)	Number	90.00	100.00	100.00	100.00	100.00
Asparagus seedlings (MW)	Number	4.00	4.00	4.00	4.00	4.00
Cherry (Seneka/Jabouny)	Number	90.00	95.00	90.00	90.00	90.00
Chestnut (Jeuphu-1)	Number	50.00	60.00	60.00	60.00	60.00
Peach (N-wase/S-Hakuto)	Number	90.00	100.00	100.00	100.00	100.00

(continued)

(Table 5.1.10 continued)

<b>Cereals and Oil Seeds</b>	<b>Unit</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
Pear (Hosui/Kosui/Chujoro/William)	Number	75.00	96.00	96.00	96.00	96.00
Persimmon (Fuyu/Jiro)	Number	110.00	125.00	125.00	125.00	125.00
Plum (Santarosa/Stanley)	Number	90.00	100.00	100.00	100.00	100.00
Straw berry (Chandler)	Number	7.00	9.00	9.00	9.00	9.00
Walnut (Grafted – Kagzi)	Number	185.00	205.00	205.00	205.00	205.00
<b>Subtropical fruit seedlings</b>						
Areca nut (Bhur S-1)	Number	40.00	55.00	55.00	55.00	55.00
Avocado (Hasa/Pink caton)	Number	135.00	150.00	150.00	...	150.00
Banana (Chinichampa/Jahaji)	Number	40.00	50.00	50.00	50.00	50.00
Cardamom (Seedling multiplied)	Number	9.00	10.00	10.00	10.00	9.00
Cardamom (through seeds)	Number	...	...	10.00	...	...
Mandarin Orange (grafted)	Number	...	...	...	...	...
Mandarin Orange (seedlings)	Number	35.00	50.00	50.00	...	...
Gauva (L-49)	Number	45.00	45.00	45.00	45.00	45.00
Jack fruit (Bhur S-1)	Number	15.00	21.00	21.00	21.00	21.00
Litchi (E-Bedana/Shahi)	Number	60.00	75.00	75.00	75.00	75.00
Mango graft (Langra/DS/AP/CH)	Number	75.00	85.00	85.00	85.00	85.00
Papaya	Number	15.00	23.00	23.00	23.00	23.00
Passion fruit (Local)	Number	15.00	20.00	20.00	20.00	20.00
Pine apple (Sugar baby)	Number	35.00	25.00	25.00	25.00	24.00
Pomegranate (Bedana)	Number	30.00	50.00	50.00	50.00	46.00

Source: National Seed Centre, MoAL

Table 5.1.1.11: Price of Plant Protection Chemicals and Fertilizer, 2018 - 2022

Category	PP Chemicals	Unit	2018	2019	2020	2021	2022
Insecticides	Alphacypermethrin	1000 ml	...	...	...	...	...
	Chlorpyrifos 20 EC	100 ml	32.0	35.0	38.0	38.0	38.0
	Cypermethrin 10 EC	100 ml	32.0	30.0	32.0	32.0	33.0
	Dimethoate 30 EC	100 ml	38.0	...	...	...	...
	Fenvelerate 0.4D	1 kg	52.0	42.0	47.0	...	...
	Malathion 50 EC	100 ml	...	40.0	55.0	48.0	52.0
	Captan 50 WP	500 gms	...	82.0	113.0	113.0	121.0
Fungicides	Carbendazim50 WP	250 gms	96.0	109.0	108.0	112.0	108.0
	Copper Oxchloride50 WP	100 gms	47.0	42.0	...	42.0	184.0
	Hexaconazole5EC	100 ml	34.0	...	36.0	34.0	36.0
	Mancozeb 75 WP	250 gms	74.0	68.0	66.0	74.0	66.0
	Metalaxyl 8% + Mancozeb64 %	100 gms	-	49.0	...	444.0	...
	Sulphur 80 WP	250 gms	95.0	...	42.0	44.0	162.0
	Tricyclazole75 WP	100 gms	...	...	...	1,292.0	...
Herbicides	Butachlor 5 G	20 kg	...	...	41.0	48.0	48.0
	Glyphosate 41 SL	500 ml	124.0	131.0	134.0	179.0	179.0
	Metribuzim 70 WP	100 gms	...	568.0	508.0	284.0	265.0

(continued)

(Table 5.1.11 continued)

Category	PP Chemicals	Unit	2018	2019	2020	2021	2022
Rhodentocides	Ethoxysulfuron(Sunrice)15WDG	50gms	...	...	...	...	394.0
	Zinc Phosphide	10 gms	13.0	13.0	...	761.0	761.0
Non-toxic/ Bio-pesticides	Azadirachtin0.3%	100 ml	...	60.0	...	121.0	55.0
	Orchard sprays Oil/Tree spray oil/Horticulture Mineral oil	100 liters	...	...	56.0	174.0	165.0
	Stiker/Spreader/Activator	250 ml	65.0	59.0	270.0	53.0	53.0
	Chili pod bore lure	no	...	...	...	...	33.0
	Coco trap	no	...	...	...	...	200.0
	Mcphail trap	no	...	...	...	...	84.0
	Fero-TR trap(Funnel trap)	No	...	...	...	...	54.0
	Rice ear-cutting caterpillar lure	No	...	...	...	...	34.0
	Red Palm weevil lure	No	...	...	...	...	146.0
	Fall Army worm lure	No	...	...	...	...	58.0
Mango Fruit fly lure	No	...	...	...	...	52.0	

Source: National Plant Protection Centre, MoA



**Table 5.2.1: Number of Livestock by Type, 2018 - 2022**

<b>Animal breed</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>Livestock</b>					
Brown Swiss pure breed	17	25	133	346	6,637*
Brown Swiss cross breed	3,929	4,270	4,112	4,638	
Buffalo	531	477	398	385	331
Doeb-Doebum	11,950	9,689	9,290	7,244	5,839
Doethra-Doethram	12,357	11,652	11,248	14,084	8,787
Holsten-Friesian breed	1,046	1,183	1,056	1,007	656
Jaba	2,204	2,212	2,443	4,008	9,627
Jatsha-Jatsam	33,301	32,473	27,009	26,951	23,379
Jersey Pure breed	4,644	4,399	4,674	6,967	90,735**
Jersey Cross breed	103,012	109,684	108,676	109,167	
Mithun	418	453	390	347	300
Nublang-Thrabum	97,274	98,277	86,807	98,840	90,809
Yaks	41,463	41,918	40,897	38,642	30,328
Yangku-Yangkum	29,182	28,725	25,567	22,192	18,428
Zo-zoms	9,581	9,904	10,680	11,161	7,435
<b>Other Livestock</b>					
Equine	16,820	16,792	14,649	12,418	11,665
Pig	21,200	20,070	17,577	22,954	33,082
Poultry	1,099,493	1,299,810	1,383,714	1,384,449	975,152
Sheep	10,786	11,466	10,793	10,694	10,024
Goat	43,839	47,735	44,119	59,577	56,004

Note: Figure includes the number of livestock in Livestock Government Farms. \* Figure for Brown Swiss pure breed and cross breed and \*\* Jersey Pure breed and Cross breed are recorded together in 2022

Source: Agricultural Statistics Division, NSB

Table 5.2.2: Number of Livestock by Type and Dzongkhag, 2018 - 2022

Dzongkhag	Brown Swiss					Buffalo					Doeb-Doebum				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
Bumthang	1,604	2,012	2,050	2,793	3,684	...	...	...	...	0	667	669	429	892	116
Chhukha	6	2	1	15	13	2	2	...	...	0	138	222	118	149	147
Dagana	0	0	0	0	11	38	15	17	16	25	5,343	791	710	616	449
Gasa	113	118	63	39	32	...	...	...	...	0	46	39	4	2	11
Haa	1	1	0	15	18	...	...	...	...	0	10	6	18	194	21
Lhuentse	381	351	439	93	244	...	...	...	...	0	1,520	1,394	1,448	725	700
Monggar	210	234	231	287	220	...	...	...	...	0	1,359	1,513	1,267	519	954
Paro	39	29	11	152	180	...	...	...	...	0	224	131	319	45	32
Pema Gatshel	11	10	7	11	12	...	...	...	...	0	13	16	2	31	101
Punakha	50	48	39	58	102	...	...	...	...	0	292	325	278	135	650
Samdrup Jongkhar	0	3	0	1	10	9	4	1	6	0	320	320	174	248	222
Samtse	15	13	9	2	1,087	289	225	230	232	180	42	85	58	92	104
Sarpang	63	51	8	12	21	57	79	31	33	27	1,051	713	518	690	274
Thimphu	2	1	0	2	283	...	...	...	...	0	9	22	...	6	1
Trashigang	18	24	16	31	14	...	...	...	...	0	666	627	1,021	421	624
Trashi Yangtse	0	2	0	18	13	...	...	...	...	0	114	82	970	1,242	273
Trongsa	232	129	85	418	430	...	...	...	...	0	514	553	562	211	170
Tsirang	1	0	2	3	13	155	150	119	98	99	2	...	...	87	22
Wangdue Phodrang	1,154	1,142	1,181	980	215	...	...	...	...	0	588	540	295	212	297
Zhemgang	10	6	46	0	0	...	...	...	...	0	1,671	1,641	1,099	727	671
<b>Total</b>	<b>3,910</b>	<b>4,176</b>	<b>4,188</b>	<b>4,930</b>	<b>6,602</b>	<b>550</b>	<b>475</b>	<b>398</b>	<b>385</b>	<b>331</b>	<b>14,589</b>	<b>9,689</b>	<b>9,290</b>	<b>7,244</b>	<b>5,839</b>

(continued)

(Table 5.2.2 continued)

Dzongkhag	Doethra-Doethram				Holsten-Friesian breed				Jaba						
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
Bumthang	32	42	6	150	16	6	5	12	10	22	...	...	...	...	0
Chhukha	176	185	145	390	432	229	227	145	218	110	...	...	...	...	654
Dagana	14,259	6,904	6,179	7,026	319	...	...	...	...	2	...	...	349	...	455
Gasa	38	35	9	6	4	...	...	...	...	0	...	...	...	37	0
Haa	...	...	5	73	175	16	17	16	16	9	...	...	...	3	22
Lhuentse	701	689	931	1,326	1,836	24	48	15	20	15	10	9	2	86	106
Monggar	1,288	983	482	1,647	1,102	45	37	41	14	24	157	179	71	211	230
Paro	167	62	579	410	43	35	29	14	32	2	3	...	211	...	88
Pema Gatshel	12	25	35	11	160	68	92	90	78	64	105	21	48	104	159
Punakha	270	314	424	71	107	...	...	4	7	0	...	...	...	...	0
Samdrup Jongkhar	250	269	111	464	143	59	55	65	52	6	509	604	562	2,031	2,805
Samtse	86	64	13	9	6	31	140	158	167	40	639	645	82	152	1,547
Sarpang	106	68	18	353	156	17	35	28	35	25	544	506	251	370	2,964
Thimphu	2	2	5	4	0	35	39	18	15	6	...	...	...	...	0
Trashigang	475	455	583	1,370	481	311	281	205	179	154	145	210	781	916	363
Trashiyangtse	37	13	27	87	2,917	47	60	93	59	3	51	22	58	75	111
Trongsa	236	225	93	28	77	2	...	...	...	104	...	...	...	...	0
Tsirang	...	...	36	401	7	20	38	70	44	52	...	...	...	2	0
Wangdue Phodrang	961	980	1,420	30	348	19	38	29	15	0	...	...	...	...	0
Zhemgang	349	337	147	228	458	2	4	6	10	18	41	16	28	21	123
<b>Total</b>	<b>19,445</b>	<b>11,652</b>	<b>11,248</b>	<b>14,084</b>	<b>8,787</b>	<b>966</b>	<b>1,145</b>	<b>1,009</b>	<b>971</b>	<b>656</b>	<b>2,204</b>	<b>2,212</b>	<b>2,443</b>	<b>4,008</b>	<b>9,627</b>

(continued)

(Table 5.2.2 continued)

Dzongkhag	Jatspha-Jatsam					Jersey					Mithun				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
	Bumthang	881	939	859	564	258	5,071	5,737	5,474	3,670	2,382	5	6	1	1
Chhukha	1,923	1,823	1,915	1,565	885	6,254	6,557	6,011	6,326	4,168	30	29	11	3	2
Dagana	1,277	574	545	505	629	9,106	4,667	4,781	6,066	4,087	6	7	6	...	13
Gasa	76	95	135	48	89	625	768	876	611	397	...	...	...	...	1
Haa	1,205	1,057	604	567	345	3,743	3,651	3,162	3,554	2,922	2	2	1	5	1
Lhuentse	2,487	2,594	2,573	1,754	1,359	3,124	3,307	3,611	3,654	3,087	20	18	14	11	7
Monggar	5,231	4,974	4,603	4,931	4,226	9,461	10,358	10,781	11,262	10,684	25	23	27	20	17
Paro	1,160	1,347	323	546	175	6,036	6,312	5,950	6,772	3,871	6	4	2	4	2
Pema Gatsel	617	506	427	590	255	6,200	5,932	5,881	5,649	5,682	4	1	1	1	1
Punakha	807	765	664	687	464	3,612	4,001	4,028	3,864	2,748	3	4	2	3	5
Samdrup Jongkhar	2,092	2,251	1,936	1,666	1,741	7,389	7,927	8,142	8,097	6,623	21	26	19	22	25
Samtse	323	384	367	254	480	7,665	8,256	8,521	9,017	7,586	10	8	14	3	4
Sarpang	1,971	1,697	363	638	715	9,492	9,636	9,616	11,098	7,421	5	32	37	2	6
Thimphu	71	71	44	46	22	2,523	2,592	2,101	1,699	1,152	...	...	...	...	0
Trashigang	6,184	5,942	5,357	6,292	5,730	8,738	9,709	8,713	9,474	8,363	35	45	34	34	34
Trashigang Yangtse	1,331	1,095	980	972	691	3,738	4,039	4,733	4,212	3,133	11	11	7	2	4
Trongsa	1,447	1,442	938	1,211	943	3,659	3,997	3,704	3,455	2,625	5	4	2	2	1
Tsiring	25	54	53	21	841	7,189	7,584	7,801	8,132	5,997	1	1	3	...	6
Wangdue Phodrang	2,053	2,289	1,898	1,690	1,243	5,508	5,662	6,038	6,003	4,864	13	13	4	11	11
Zhemgang	2,776	2,574	2,425	2,404	2,288	2,724	3,108	3,077	3,174	2,801	19	8	11	12	9
<b>Total</b>	<b>33,937</b>	<b>32,473</b>	<b>27,009</b>	<b>26,951</b>	<b>23,379</b>	<b>111,857</b>	<b>113,800</b>	<b>113,001</b>	<b>115,789</b>	<b>90,593</b>	<b>221</b>	<b>242</b>	<b>196</b>	<b>136</b>	<b>149</b>

(continued)

(Table 5.2.2 continued)

Dzongkhag	Nublang-Thrabum				Yaks				Yangku-Yangkum						
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
Bumthang	1,558	1,407	1,135	700	2,170	3,771	3,972	3,400	2,642	2,784	1,056	1,193	773	664	207
Chhukha	10,816	10,678	9,224	11,005	9,075	...	...	...	...	0	1,128	1,147	1,503	673	669
Dagana	6,646	4,599	2,547	3,561	11,890	...	...	...	...	0	601	258	188	317	467
Gasa	110	98	177	184	11	6,481	6,389	6,386	6,342	5,097	101	117	234	59	44
Haa	4,050	3,195	3,210	2,706	2,014	4,915	5,218	4,285	4,134	2,295	514	477	349	942	120
Lhuentse	1,980	1,983	2,379	1,460	438	273	288	239	243	261	3,183	3,153	2,595	1,993	1,972
Monggar	3,072	2,995	3,131	1,579	1,494	...	...	...	-	0	5,788	5,681	4,895	4,431	4,111
Paro	4,791	4,936	2,505	3,725	3,833	3,713	3,799	4,068	4,012	2,403	860	597	975	451	91
Pema Gatshel	464	522	650	664	73	...	...	...	...	0	761	673	436	296	293
Punakha	5,566	5,193	4,939	5,711	3,801	...	...	...	...	0	876	839	814	578	491
Samdrup Jongkhar	2,347	2,182	2,149	1,316	280	...	2	17	6	8	1,585	1,592	1,594	1,781	1,080
Samtse	21,974	22,873	24,040	31,443	26,147	...	...	...	...	0	236	312	256	282	379
Sarpang	8,036	8,747	6,602	7,097	3,944	...	...	...	...	0	1,385	1,301	678	469	789
Thimphu	998	1,036	871	1,011	969	10,657	10,552	10,871	10,933	10,523	54	62	19	21	2
Trashigang	4,070	4,494	3,877	3,934	3,420	6,670	6,683	7,427	6,576	3,951	3,933	4,021	4,208	4,081	3,098
Trashigang Yangtse	4,089	3,727	2,725	2,739	477	706	706	235	312	253	1,154	1,099	936	622	604
Trongsa	3,682	3,568	2,579	2,903	2,838	305	303	259	303	148	1,288	1,308	850	833	882
Tsirang	4,109	3,776	2,783	3,642	5,206	...	...	...	...	0	43	6	46	98	105
Wangdue Phodrang	11,486	11,403	10,133	12,352	12,087	3,972	4,006	3,710	3,139	2,518	1,935	1,889	1,361	1,102	714
Zhemgang	438	528	836	868	304	...	...	...	...	0	3,001	2,999	2,857	2,499	2,310
<b>Total</b>	<b>100,282</b>	<b>97,940</b>	<b>86,492</b>	<b>98,600</b>	<b>90,471</b>	<b>41,463</b>	<b>41,918</b>	<b>40,897</b>	<b>38,642</b>	<b>30,241</b>	<b>29,482</b>	<b>28,724</b>	<b>25,567</b>	<b>22,192</b>	<b>18,428</b>

(continued)

(Table 5.2.2 continued)

Dzongkhag	Zo-Zom					Equine					Pig				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
	Bumthang	38	16	9	...	0	944	1,203	987	709	525	60	61	...	7
Chhukha	...	...	...	...	0	396	286	187	247	128	2,033	2,198	1,455	2,730	3,637
Dagana	...	...	...	...	0	573	265	183	154	165	5,080	2,278	1,820	3,605	7,493
Gasa	...	...	...	...	0	2,259	2,324	2,149	1,817	2,553	...	...	...	...	0
Haa	...	...	...	...	0	939	944	452	629	480	75	61	78	41	53
Lhuentse	89	99	64	61	116	1,193	1,177	1,017	892	757	177	91	138	27	6
Monggar	...	...	...	...	0	820	726	537	381	289	257	222	126	120	78
Paro	...	...	...	...	0	1,465	1,635	1,853	1,739	1,361	478	434	254	352	387
Pema Gatshel	...	...	...	...	0	253	159	137	72	74	445	311	283	127	118
Punakha	...	...	...	...	0	398	383	368	307	283	178	127	225	313	36
Samdrup Jongkhar	14	14	11	18	79	451	397	262	126	97	252	305	283	256	591
Samtse	...	...	...	...	0	341	302	240	85	81	1,939	2,197	1,896	3,891	6,364
Sarpang	...	...	...	...	0	429	376	222	131	126	4,277	4,074	3,650	4,347	3,679
Thimphu	...	...	...	...	0	1,795	2,037	2,034	1,734	1,859	182	222	305	260	287
Trashigang	9,440	9,775	10,502	10,795	7,109	2,151	2,070	1,732	1,300	947	288	189	99	91	66
Trashigangse	...	...	94	156	105	853	904	815	909	667	136	90	69	53	96
Trongsa	...	...	...	...	0	211	162	96	74	51	1	4	23	15	22
Tsirang	...	...	...	...	0	61	68	65	44	34	2,657	2,950	2,394	4,580	7,945
Wangdue Phodrang	...	...	...	130	26	559	504	321	463	355	1,175	1,857	994	793	716
Zhemgang	...	...	...	...	0	892	740	610	503	443	614	582	307	294	180
<b>Total</b>	<b>9,581</b>	<b>9,904</b>	<b>10,680</b>	<b>11,160</b>	<b>7,435</b>	<b>16,983</b>	<b>16,662</b>	<b>14,267</b>	<b>12,316</b>	<b>11,275</b>	<b>20,304</b>	<b>18,253</b>	<b>14,399</b>	<b>21,902</b>	<b>31,754</b>

(continued)

(Table 5.2.2 continued)

Dzongkhag	Poultry				Sheep				Goat						
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
Bumthang	13,243	14,150	4,259	7,696	8,035	248	269	185	145	125	150	81	1	20	20
Chhukha	72,163	170,075	236,287	98,968	143,245	739	836	525	629	699	5,240	6,265	5,372	8,397	7,151
Dagana	90,563	55,077	61,572	86,461	71,005	144	84	48	77	91	16,795	8,376	7,668	9,806	11,073
Gasa	2,271	1,836	2,510	912	564	...	...	...	21	54	3	2	1	3	4
Haa	9,204	9,361	8,733	16,107	10,281	...	...	...	...	0	37	26	31	50	48
Lhuentse	24,343	26,693	26,120	33,225	10,243	37	153	93	36	44	55	48	28	13	18
Monggar	40,451	43,388	41,412	55,257	32,618	26	22	2	1	2	122	41	46	29	44
Paro	30,154	41,594	74,936	88,318	25,028	15	10	3	1	0	36	98	69	68	24
Pema Gatsel	21,864	26,492	25,592	32,713	19,658	...	...	...	...	0	32	38	11	33	38
Punakha	13,204	15,826	14,340	26,583	11,022	257	17	9	160	6	241	197	226	220	121
Samdrup Jongkhar	30,136	30,510	57,123	49,369	30,188	27	68	30	89	90	1,778	1,844	1,702	1,294	1,307
Samtse	119,516	150,237	153,660	202,962	163,767	5,150	5,482	4,932	5,820	5,465	14,198	16,809	16,127	23,704	20,025
Sarpang	305,576	336,769	305,819	290,678	167,914	701	761	540	646	588	4,395	4,710	4,438	6,076	5,487
Thimphu	49,910	49,684	49,070	38,929	14,200	20	1	1	...	0	30	20	29	36	27
Trashigang	21,895	24,459	32,632	38,344	20,560	2,121	2,185	2,554	1,881	1,642	244	260	209	196	147
Trashigang Yangtse	15,425	13,418	16,919	13,887	9,425	2	1	1	1	0	56	59	40	21	19
Trongsa	7,153	12,955	9,296	20,995	14,758	124	140	162	136	158	103	98	24	68	73
Tsirang	170,453	153,161	166,175	182,730	188,549	131	86	49	47	37	8,360	8,445	7,967	8,994	10,093
Wangdue Phodrang	33,641	46,733	48,041	37,516	15,495	847	1,064	1,449	757	770	220	147	49	273	250
Zhemgang	18,339	19,044	21,613	27,800	14,267	...	...	3	...	0	45	124	21	105	35
<b>Total</b>	<b>1,089,504</b>	<b>1,241,462</b>	<b>1,356,109</b>	<b>1,349,450</b>	<b>970,822</b>	<b>10,589</b>	<b>11,179</b>	<b>10,586</b>	<b>10,447</b>	<b>9771</b>	<b>52,140</b>	<b>47,688</b>	<b>44,059</b>	<b>59,406</b>	<b>56,004</b>

Source: Agricultural Statistics Division, NSB

**Table 5.2.3: Dairy and Livestock Production by Type, 2018 - 2022**

(Metric tonne)

Livestock Products	2018	2019	2020	2021	2022
Milk	52,816.0	57,547.0	58,197.2	54,654.1	54.7
Butter	1,948.0	2,125.6	2,096.7	1,929.5	1.9
Cheese	3,953.0	4,091.0	4,219.1	3,154.3	3.2
Beef	410.0	487.9	696.8	1,016.3	1,822.2
Pork	972.0	1,113.0	878.6	699.8	1,231.8
Chicken	1,687.0	1,926.4	1,835.4	1,865.5	993.6
Fish	200.0	209.0	181.6	193.0	36.5
Chevon	257.0	281.0	295.7	161.7	173.7
Egg (in million)	125.2	135.7	172.5	133.3	101.0
Honey	62.0	65.9	44.2	43.2	37.3
Wool	8.6	25.3	5.7	5.8	21.2

*Note: Figures includes production from livestock government farms.*

*Source: Agricultural Statistics Division, NSB*



Table 5.2.4: Dairy and Livestock Production by Dzongkhag, 2018 - 2022

Dzongkhag	Milk				Butter					
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
Bumthang	2,619.7	3,314.2	3,288.8	2,576.3	2,470.7	117.8	131.3	107.1	64.7	96.9
Chhukha	2,797.6	3,071.6	2,780.1	2,969.4	2,238.8	64.4	72.1	65.8	74.5	52.2
Dagana	6,196.8	2,749.2	2,955.5	2,307.0	2,176.8	247.8	115.4	118.8	90.8	78.6
Gasa	555.1	595.0	431.5	632.4	573.0	30.5	32.4	47.9	33.4	27.2
Haa	2,383.8	2,488.1	2,442.8	2,624.2	1,409.1	67.5	70.2	91.5	82.1	42.6
Lhuentse	1,583.5	1,752.6	1,815.8	1,139.8	1,489.0	76.4	81.2	79.6	50.3	69.9
Monggar	4,467.0	5,291.7	5,032.1	2,997.3	3,058.1	188.0	224.6	218.2	115.5	112.8
Paro	3,091.8	3,437.1	3,928.5	2,801.7	1,613.8	104.7	107.1	106.0	78.6	43.1
Pema Gatshel	1,832.8	1,896.3	1,974.6	1,596.4	1,623.6	78.2	78.7	67.4	81.5	62.9
Punakha	1,260.7	1,379.4	1,391.0	1,605.5	1,200.4	58.2	60.2	57.6	64.8	45.1
Samdrup Jongkhhar	3,898.4	4,229.7	3,966.4	3,376.5	2,281.3	92.6	108.3	86.3	78.0	56.5
Samtse	4,294.2	4,783.5	4,951.1	4,828.8	3,799.2	115.2	131.4	151.6	127.2	98.7
Sarpang	2,565.9	2,833.9	3,626.7	4,423.2	2,649.1	82.6	93.6	121.6	142.8	88.9
Thimphu	1,884.6	1,887.4	1,901.5	1,297.4	1,332.7	54.8	62.7	55.0	37.8	55.0
Trashigang	5,544.8	6,323.4	6,180.3	6,819.7	5,332.6	240.2	275.3	258.3	337.4	232.2
Trashiyangtse	2,007.0	2,055.6	1,995.3	1,414.9	1,020.1	98.1	102.6	97.7	60.1	44.3
Trongsa	1,520.3	1,627.5	1,546.9	1,497.5	1,544.0	70.4	74.0	67.3	54.9	55.5
Tsirang	2,515.0	2,657.3	2,951.4	3,394.7	2,406.8	78.5	86.0	92.6	91.3	64.9
Wangdue Phodrang	3,070.5	3,311.3	3,260.1	4,559.4	2,594.2	146.2	156.2	140.1	201.1	114.1
Zhemgang	1,497.2	1,631.8	1,491.8	1,541.0	1,371.1	59.9	62.4	64.0	61.8	66.2
<b>Total</b>	<b>55,586.7</b>	<b>57,316.8</b>	<b>57,911.9</b>	<b>54,403.1</b>	<b>42,184.5</b>	<b>2,071.9</b>	<b>2,125.6</b>	<b>2,094.6</b>	<b>1,928.6</b>	<b>1,507.6</b>

(continued)

(Table 5.2.4 continued)

Dzongkhag	Cheese				Beef					
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
Bumthang	233.8	215.0	217.9	108.5	88.7	22.8	22.9	19.5	90.3	88.3
Chhukha	106.3	114.7	156.7	143.6	78.9	17.1	17.7	19.8	26.8	79.6
Dagana	251.7	125.7	136.9	106.6	89.6	75.9	46.1	16.9	26.9	169.8
Gasa	26.4	25.9	40.1	14.7	11.1	...	...	3.5	3.0	2.6
Haa	99.6	99.5	139.8	116.4	56.7	7.4	1.7	6.9	11.4	16.8
Lhuentse	136.1	146.2	143.9	95.4	125.1	52.9	32.4	26.5	119.4	74.4
Monggar	604.2	403.7	657.6	221.3	202.2	74.8	88.2	119.7	155.0	78.9
Paro	161.8	163.7	137.7	126.9	46.4	7.2	30.4	33.3	30.8	9.3
Pema Gatsel	139.5	141.4	113.5	121.9	104.9	10.2	10.8	28.0	30.2	31.8
Punakha	102.2	164.8	142.7	108.8	80.9	8.1	12.3	19.6	23.4	13.9
Samdrup Jongkhar	160.1	314.0	152.0	140.5	128.3	38.9	32.9	66.7	75.4	143.9
Samtse	519.5	390.0	287.0	208.9	125.7	19.0	8.4	19.6	9.7	264.5
Sarpang	123.8	156.3	366.5	239.8	143.1	0.2	9.9	5.8	16.0	191.9
Thimphu	195.3	281.4	248.4	26.8	24.9	9.4	7.8	4.5	10.6	8.1
Trashigang	440.3	517.4	470.3	604.9	341.2	16.2	19.6	57.8	104.2	201.8
Trashiyangtse	176.4	184.9	177.1	111.9	83.2	33.3	80.6	42.1	52.9	61.2
Trongsa	121.9	126.6	111.3	104.0	125.8	26.0	33.4	32.8	34.8	56.8
Tsirang	138.2	153.4	159.8	148.9	207.1	17.5	1.5	64.8	50.9	145.0
Wangdue Phodrang	252.0	270.2	247.6	281.7	199.9	11.7	22.1	60.7	66.8	120.6
Zhemgang	89.8	94.2	105.8	120.5	118.2	...	9.4	48.3	77.7	62.2
<b>Total</b>	<b>4,078.7</b>	<b>4,089.2</b>	<b>4,212.8</b>	<b>3,152.0</b>	<b>2,381.7</b>	<b>448.7</b>	<b>487.9</b>	<b>696.8</b>	<b>1,016.3</b>	<b>1,821.3</b>

(continued)

(Table 5.2.4 continued)

Dzongkhag	Pork				Chicken					
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
Bumthang	4.7	4.7	...	...	-	...	...	...	...	0.1
Chhukha	69.3	79.8	75.5	41.0	79.1	398.8	444.4	429.2	230.0	249.6
Dagana	184.0	82.2	90.6	62.3	334.6	238.2	120.3	141.1	231.4	108.4
Gasa	...	...	...	...	...	...	...	...	...	0.0
Haa	4.7	4.9	3.6	0.3	0.9	4.3	2.0	0.7	0.5	2.9
Lhuentse	10.6	9.8	9.9	0.3	-	...	...	0.2	0.5	1.1
Monggar	23.4	19.6	16.3	5.2	1.3	...	1.2	0.6	0.6	6.2
Paro	34.4	24.6	19.2	2.8	6.6	...	...	9.1	3.3	0.1
Pema Gatsel	28.2	30.4	25.6	4.6	1.9	...	...	0.4	1.2	9.0
Punakha	12.3	13.5	18.3	5.6	-	2.1	4.9	7.1	2.4	1.0
Samdrup Jongkhar	26.5	42.6	20.4	32.4	10.8	56.0	67.4	133.6	62.9	29.3
Samtse	78.0	80.9	70.8	100.1	158.3	365.0	456.7	348.1	471.8	197.8
Sarpang	262.8	268.0	217.9	227.6	144.4	304.8	312.5	342.2	477.0	137.8
Thimphu	21.8	13.1	28.2	16.9	22.8	19.7	21.4	56.2	34.1	1.1
Trashigang	17.1	13.1	8.6	1.1	1.4	...	...	...	1.6	3.7
Trashigang Yangtse	8.6	11.3	3.1	0.1	0.6	...	...	0.1	1.5	1.8
Trongsa	3.0	1.0	0.8	0.7	1.9	3.1	14.6	2.1	0.4	2.4
Tsirang	139.3	166.3	178.8	147.0	433.0	337.8	352.0	287.6	288.9	206.2
Wangdue Phodrang	80.8	199.7	49.5	30.4	18.1	48.6	120.8	56.7	41.0	8.9
Zhemgang	45.8	34.8	13.6	3.2	4.9	27.8	8.2	4.5	5.4	7.4
<b>Total</b>	<b>1,055.4</b>	<b>1,100.2</b>	<b>850.9</b>	<b>681.7</b>	<b>1,220.6</b>	<b>1,806.1</b>	<b>1,926.4</b>	<b>1,819.5</b>	<b>1,854.3</b>	<b>974.6</b>

(continued)

(Table 5.2.4 continued)

Dzongkhag	Fish					Chevon				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
	...	...	...	...	-	...	...	...	...	-
Bumthang	0.5	5.0	1.4	0.1	0.1	16.6	18.7	20.6	4.0	10.2
Chhukha	45.5	26.7	26.0	36.9	3.3	81.6	41.6	45.0	19.4	40.7
Dagana	...	...	...	...	...	...	...	...	0.0	0.0
Gasa	5.0	5.1	3.0	...	0.4	0.1	0.1	0.2	...	0.1
Haa	0.4	0.3	...	...	...	...	...	...	...	0.0
Lhuentse	3.6	2.6	0.0	...	...	...	...	...	0.0	0.0
Monggar	...	...	1.2	...	2.0	...	...	...	0.0	0.0
Paro	1.8	1.9	1.4	0.2	...	...	...	...	0.0	0.0
Pema Gatsbel	2.8	1.7	1.7	...	...	0.6	0.4	0.5	0.1	0.1
Punakha	54.1	41.2	33.9	6.7	5.2	9.6	10.5	10.4	3.1	4.7
Samdrup Jongkhar	17.5	18.8	15.1	4.6	4.5	88.8	95.3	90.4	57.1	60.0
Samtse	69.2	73.8	69.1	100.9	6.8	48.1	52.8	66.8	55.5	14.2
Sarpang	...	...	...	...	...	0.2	0.3	1.6	...	0.0
Thimphu	0.0	0.2	...	...	...	...	...	...	...	0.2
Trashigang	...	...	...	...	...	...	...	...	0.0	0.0
Trashiyangtse	...	...	...	...	...	0.2	0.2	0.1	0.0	0.3
Trongsa	14.6	16.0	6.4	23.2	3.1	52.8	59.3	59.3	22.2	42.7
Tsirang	1.0	2.9	1.3	2.1	0.2	...	0.9	0.8	0.2	0.3
Wangdue Phodrang	7.5	10.6	3.7	...	4.0	...	0.9	0.1	0.0	0.2
Zhemgang	223.6	206.7	164.2	174.6	29.6	298.6	281.0	295.7	161.7	173.7
<b>Total</b>										

(continued)

(Table 5.2.4 continued)

Dzongkhag	Egg (in '000)					Honey				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
Bumthang	2,749.7	1,985.5	901.5	706.0	2,093.2	31.8	30.5	9.6	10.2	11.3
Chhukha	4,613.1	6,155.2	5,843.8	4,244.6	4,645.9	2.8	3.3	3.3	2.8	2.9
Dagana	4,579.0	3,593.5	4,550.0	2,997.5	3,152.6	7.4	4.0	4.7	2.9	4.0
Gasa	384.1	300.1	332.0	86.1	51.1	...	...	...	0.0	0.0
Haa	1,897.8	2,001.1	1,330.4	1,771.1	1,210.8	0.1	2.2	0.6	1.6	0.1
Lhuentse	4,270.0	4,407.2	4,886.2	2,243.1	1,117.4	...	0.0	...	0.0	0.0
Monggar	7,277.4	8,416.9	9,204.1	6,315.8	5,220.3	...	...	...	0.0	0.0
Paro	5,814.0	9,076.3	15,388.5	6,874.0	4,297.2	...	...	0.0	0.3	0.0
Pema Gatsel	3,364.1	3,570.9	3,022.5	4,402.3	4,425.6	...	0.0	...	0.0	0.0
Punakha	2,207.2	2,607.4	2,829.4	2,091.6	1,110.4	0.1	0.2	0.0	0.2	0.1
Samdrup Jongkhar	5,584.7	9,527.3	8,098.8	5,408.9	2,303.9	0.8	1.1	1.3	0.8	0.7
Samtse	4,258.4	5,631.5	7,453.4	9,053.9	15,027.9	5.3	6.6	5.9	8.1	9.4
Sarpang	28,654.5	28,971.2	48,024.1	38,093.3	22,241.4	10.9	10.8	12.6	13.0	3.6
Thimphu	9,561.5	10,368.4	10,081.5	4,312.2	2,658.2	0.1	0.2	0.3	0.0	0.0
Trashigang	4,127.9	4,676.0	6,001.6	5,535.0	3,668.9	...	0.0	0.0	0.0	0.0
Trashhi Yangtse	3,667.3	3,206.0	3,809.3	2,487.0	838.9	...	...	...	0.0	0.0
Trongsa	1,118.3	1,086.3	1,234.5	1,732.1	3,719.5	0.0	0.0	0.0	0.0	0.1
Tsirang	20,393.5	22,768.6	27,654.3	26,629.5	18,393.6	4.9	5.8	4.3	3.2	4.8
Wangdue Phodrang	4,968.1	3,444.3	4,176.5	4,072.7	2,055.1	1.6	0.9	1.6	0.0	0.0
Zhemgang	3,615.9	3,884.3	4,385.5	1,870.8	1,775.8	...	0.3	0.0	0.0	0.1
<b>Total</b>	<b>123,106.2</b>	<b>135,678.1</b>	<b>169,207.9</b>	<b>130,927.6</b>	<b>100,007.5</b>	<b>65.9</b>	<b>65.9</b>	<b>44.2</b>	<b>43.2</b>	<b>37.1</b>

(continued)

(Table 5.2.4 continued)

Dzongkhag	Wool				
	2018	2019	2020	2021	2022
Bumthang	...	0.4	0.2	0.1	1.2
Chhukha	0.2	0.2	0.2	0.2	0.3
Dagana	0.1	0.0	0.0	0.0	0.0
Gasa	...	...	...	...	0.7
Haa	...	...	...	0.0	0.1
Lhuentse	0.0	0.0	0.0	0.0	0.1
Monggar	...	...	0.0	0.0	0.0
Paro	...	...	0.0	...	0.3
Pema Gatshel	...	...	...	...	...
Punakha	0.0	...	...	...	...
Samdrup Jongkhar	...	...	...	...	0.0
Samtse	3.2	3.7	1.9	2.8	5.6
Sarpang	0.5	0.6	0.1	0.0	0.3
Thimphu	0.2	0.8	0.2	0.1	5.2
Trashigang	3.1	4.9	1.4	2.0	2.4
Trashigang	...	...	...	0.0	...
Trongsa	0.9	14.4	1.2	0.1	0.2
Tsirang	0.1	0.1	0.0	0.0	0.0
Wangdue Phodrang	0.2	0.1	0.2	0.4	4.5
Zhemgang	...	...	...	...	...
<b>Total</b>	<b>8.5</b>	<b>25.3</b>	<b>5.5</b>	<b>5.8</b>	<b>20.9</b>

Source: Agricultural Statistics Division, NSB

**Table 5.3.1: Imports and Sales of Food Items by Food Corporation of Bhutan, 2018 - 2022**

(Metric tonne)

Commodity	2018	2019	2020	2021	2022
<b>Imports</b>					
Rice	8,555.1	10,387.7	26,309.5	19,707.8	22,807.9
Sugar	868.4	848.3	1,220.4	1,267.6	1,843.6
Salt	570.0	586.3	1,003.2	894.9	881.4
Edible Oil	1,173.4	1,323.8	3,201.7	2,238.3	2,546.2
Pulses	298.3	351.9	1,089.7	1,666.8	2,366.9
Maida	894.3	1,077.1	936.7	973.0	811.9
Atta	236.3	351.5	329.4	325.5	223.0
<b>Sales</b>					
Rice	8,833.3	10,365.8	18,518.2	23,349.0	18,753.6
Sugar	878.1	911.4	1,178.4	1,138.0	1,812.6
Salt	565.1	637.3	849.7	903.0	867.7
Edible Oil	1,230.5	1,289.6	2,905.0	2,294.0	1,876.8
Pulses	308.1	336.9	688.9	1,610.0	1,480.7
Maida	902.1	1,054.7	931.0	996.0	721.9
Atta	267.7	307.2	348.1	330.0	205.9

Note: The import figures include purchases made for school feeding supplies

Source: Food Corporation of Bhutan, Phuentsholing.

**Table 5.3.2: Major Agriculture Commodities Auctioned by Food Corporation of Bhutan, 2018 - 2022**

(Metric tonne)

Commodity	2018	2019	2020	2021	2022
Potatoes	31,537.3	30,277.1	2,753.0	3,764.7	11,737.4
Vegetables	3,463.1	5,091.7	3,160.9	930.9	1,426.2
Apples	12.4	32.0	0.0	0.0	5.7
Oranges	391.3	201.5	42.9	102.7	246.5
Pulses	8.5	5.7	0.0	0.8	0.0
Spices	250.3	167.9	289.6	43.7	3,480.1
Arecanut	131.1	483.5	546.8	1,046.3	138.0
Apricot	0.4	0.0	0.0	0.0	0.0
Peach	0.3	0.6	0.0	0.0	0.0
Plum	0.4	0.6	0.0	0.9	0.0
Pear	0.2	2.3	0.0	0.0	0.0

Source: Food Corporation of Bhutan, Phuentsholing.

**Chapter 6****ENVIROMENT**

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.

Bhutan's economy is dependent on the environment and natural resources primarily through agricultural production and hydropower. Within this context, sustainable development requires management of the complex array of forces on the natural environment that have accompanied economic development in recent years. These forces include, population pressure, agricultural development, land use change, hydropower development, mineral development industrialization, urbanization, tourism, competition for available land, road construction and provision of other physical infrastructure associated with social and economic development. Such forces have given rise to a number of key environmental issues that Bhutan now faces.

The major environmental issues currently faced are: land degradation, loss of biodiversity, increased pollutions, waste management, urbanization and industrial development. Addressing these issues to achieve sustainable development is a major challenge to the country. In order to address these issues, the comprehensive statistics on environment is crucial for proper planning and formulation of policies to improve the state of Environment in the country.

The chapter on Environment Statistics gives some general statistics on atmosphere, land cover and use, climate and weather, hydrographic characteristics, geological & geographic information, 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 6.1.1: Land Cover by Major Categories, 2010 and 2016

Land Cover class	Sub-Class	LCMP 2010			LULC 2016		
		Total Area (Ha)	Area (%)	Total Area (%)	Total Area (Ha)	Area (%)	Total Area (%)
<b>Forests</b>	Fir Forest	183,208.3	4.8		230,984.0	6.0	
	Mixed Conifer forest	613,963.9	16.0		519,585.7	13.5	
	Blue Pine Forest	80,024.0	2.1	70.5	101,155.1	2.6	70.8
	Chir Pine Forest	107,666.5	2.8		101,537.5	2.6	
	Broadleaf Forest	1,688,956.5	44.0		1,763,899.5	45.9	
	Broadleaf & Conifer Forest	31,472.1	0.8		...	...	
<b>Alpine Scrub Shrubs</b>	Alpine Scrubs	...	...	...	130,097.7	3.4	3.4
	Shrubs	400,526.4	10.4	10.4	374,032.6	9.7	9.7
<b>Meadows</b>	Meadows	157,568.5	4.1	4.1	96,273.6	2.5	2.5
	Chhuzhing	31,361.2	0.8		31,891.9	0.8	
<b>Cultivated Agricultural</b>	Kamzhing	69,670.8	1.8		68,260.6	1.8	
	Apple Orchard	2,041.5	0.1				
	Citrus Orchard	5,086.4	0.1	2.9	5,529.9	0.1	2.8
	Areca nut Plantation	984.9	0.0				
	Cardamom Plantation	3,398.0	0.1				
	Others	13.4	...		...	...	
	Built up Areas	6,150.9	0.2	0.2	7,457.0	0.2	0.2
	Non-Built up Areas	330.1	0.0	0.0	595.9	0.0	0.0
<b>Snow Cover</b>	Snow Cover	285,479.2	7.4	7.4	205,343.6	5.4	5.4
	Rock Outcrops	99,659.3	2.6		119,754.2	3.1	3.1
<b>Bare Areas</b>	Scree	23,287.7	0.6		39,701.4	1.0	1.0
	Bare Soils	26.9	...		...	...	...
<b>Water Bodies</b>	Lakes	4,753.4	0.1		6,252.6	0.2	
	Reservoirs	130.7	0.0	0.7			0.7
	Rivers	22,684.7	0.6		18,923.2	0.5	
	Marshy Areas	319.5	0.0	0.0	...	...	...
<b>Degraded Areas</b>	Landslides	7,032.5	0.2	...	3,730.2	0.1	0.1
	Gullies	6.7	...	0.5	...	...	...
	Ravines	...	...	...	...	...	...
	Moraines	13,596.2	0.4	...	14,393.9	0.4	0.4
	<b>Total</b>	<b>3,839,400.0</b>	<b>100.0</b>	<b>100.0</b>	<b>3,839,400.0</b>	<b>100.0</b>	<b>100.0</b>

Source: Land Cover Map Project (LCMP) &amp; Land Use Land Cover (LULC), MoENR

**Table 6.1.2: Type of Land Cover Area by Dzongkhag, 2016**

(Hectares)

Dzongkhag	Forests	Cultivated Agriculture	Shrubs	Meadows	Built up	Non-Built up
Bumthang	139,356.7	3,394.3	34,318.2	10,126.0	470.8	...
Chhukha	166,151.1	7,858.1	6,261.8	2,625.2	834.6	44.7
Dagana	152,086.1	7,396.9	5,213.5	2,252.1	107.2	7.1
Gasa	60,853.0	461.0	69,548.0	10,985.1	21.4	...
Haa	125,772.4	1,711.3	30,113.7	9,482.0	271.3	2.7
Lhuentse	183,421.0	3,720.0	26,464.6	3,245.7	162.3	8.7
Monggar	175,886.9	6,558.7	7,794.1	738.1	256.4	7.9
Paro	66,282.7	5,432.1	28,938.4	12,703.5	599.9	37.1
Pema Gatshel	91,926.7	3,677.7	4,214.2	7.7	198.7	48.2
Punakha	91,894.9	4,696.6	5,665.6	482.8	296.0	3.8
Samdrup Jongkhar	168,689.7	5,485.0	8,740.7	479.2	186.0	34.9
Samtse	105,203.2	14,713.8	5,619.3	244.9	312.8	159.7
Sarpang	146,852.3	8,029.8	5,021.1	15.3	450.8	10.0
Thimphu	71,213.8	1,699.7	39,745.4	18,328.9	1,380.2	86.8
Trashigang	172,757.7	9,837.3	17,356.1	7,079.3	623.8	...
Trashigang	100,400.0	3,488.9	16,319.9	821.4	70.5	...
Trongsa	153,725.1	2,551.9	8,345.8	4,460.1	476.2	8.0
Tsirang	55,265.1	5,704.7	1,376.3	59.9	69.9	1.8
Wandue Phodrang	264,061.9	5,818.4	46,540.4	12,058.2	544.8	133.2
Zhemgang	225,361.5	3,446.3	6,435.5	78.3	123.7	1.4
<b>Total</b>	<b>2,717,161.7</b>	<b>105,682.4</b>	<b>374,032.5</b>	<b>96,273.6</b>	<b>7,457.1</b>	<b>595.9</b>

Source: Department of Forest and Park Services (DoFPS), MoENR

**Table 6.1.3: Dzongkhag Wise Forest Cover, 2016**

<b>Dzongkhag</b>	<b>Dzongkhag Area (Ha)</b>	<b>Forest Area (Ha)</b>	<b>Forest Cover (%)</b>
Bumthang	269,091.2	139,356.7	51.8
Chhukha	186,149.3	166,151.1	89.3
Dagana	170,607.9	152,086.1	89.1
Gasa	310,397.8	60,853.0	19.6
Haa	188,635.3	125,772.4	66.7
Lhuentse	283,090.6	183,421.0	64.8
Monggar	192,536.0	175,886.9	91.4
Paro	127,461.3	66,282.7	52.0
Pema Gatshel	101,216.7	91,926.7	90.8
Punakha	109,878.0	91,894.9	83.6
Samdrup Jongkhar	185,881.5	168,689.7	90.8
Samtse	129,216.0	105,203.2	81.4
Sarpang	163,928.1	146,852.3	89.6
Thimphu	177,840.7	71,213.8	40.0
Trashigang	218,253.3	172,757.7	79.2
Trashy Yangtse	143,496.3	100,400.0	70.0
Trongsa	179,607.4	153,725.1	85.6
Tsirang	63,163.3	55,265.1	87.5
Wangdue Phordang	399,640.9	264,061.9	66.1
Zhemgang	239,308.5	225,361.5	94.2

*Source: Department of Forest and Park Services (DoFPS), MoENR*

**Table 6.1.4: Proportion of Geographical Area by Agro-Ecological Zones and Dzongkhag, 2010**

(Percent)

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 Gatshel	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
Trashigang	0.1	4.4	14.8	29.2	32.7	18.8
Trashi Yangtse	0.2	3.2	8.9	19.0	32.4	36.4
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
<b>Total</b>	<b>5.6</b>	<b>10.2</b>	<b>13.1</b>	<b>18.6</b>	<b>23.9</b>	<b>28.6</b>

Source: Department of Forest and Park Services (DoFPS), MoENR

**Table 6.1.5: Protected Areas by Year of Establishment, Area and Dzongkhags Coverage**

Protected Area Network	Establishment year	Dzongkhag	Area (Sq. km)
Bumdeling Wildlife Sanctuary (BWS)	1998	Lhuentse Monggar Trashigang	1,534.2
Jigme Dorji National Park (JDNP)	1995	Gasa Paro Punakha Thimphu	4,374.1
Jigme Khesar Strict Nature Reserve (JKSNR)	2010	Haa Samtse	784.2
Jigme Singye Wangchuck National Park (JSWNP)	1995	Sarpang Trongsa Tsirang Wangdue Phodrang Zhemgang	1,730.1
Jomotsangkha Wildlife Sanctuary (JWS)	1993	Samdrup Jongkhar	362.5
Phrumsengla National Park (PNP)	2000	Bumthang Lhuentse Monggar Zhemgang	906.7
Phipsoo Wildlife Sanctuary (PWS)	1993	Sarpang Dagana	286.8
Royal Manas National Park (RMNP)	1996	Pema Gatshel Sarpang Zhemgang	1,057.4
Sakteng Wildlife Sanctuary (SWS)	2003	Trashigang	742.5
Wangchuck Centennial National Park (WCNP)	2008	Bumthang Lhuentse Wangdue Phodrang Gasa Trongsa	4,914.7
Royal Botanical Park (RBP)		Punakha Thimphu	91.2
JDNP-JKSNR Biological Corridor (BC1)	2007	Haa Paro	255.6
RBP-JSWNP Biological Corridor (BC 2)	2007	Wangdue Phodrang	291.8
JSWNP-PWS-RMNP Biological Corridor (BC 3)	2007	Sarpang Tsirang	407.7
JSWNP-PNP-RMNP Biological Corridor (BC 4)	2007	Trongsa Zhemgang	594.7
JWS-RMNP Biological Corridor (BC 5)	2007	Pema Gatshel Samdrup Jongkhar	205.8
JWS-SWS Biological Corridor (BC 6)	2007	Samdrup Jongkhar Trashigang	232.8
BWS-PNP-WCNP Biological Corridor (BC 7)	2007	Lhuentse Monggar	419.7
JSWNP-WCNP Biological Corridor (BC 8)	2007	Trongsa Wangdue Phodrang	558.6
<b>Total Area</b>			<b>19,750.8</b>

Source: Department of Forest and Park Services (DoFPS), MoENR

**Table 6.1.6: Timber Allotment by Divisional Forest Office, 2019 - 2022**

Divisional Forest Office	2019				2020			
	Concessional		Commercial		Concessional		Commercial	
	Volume (m <sup>3</sup> )	Royalty (Nu.)	Volume (m <sup>3</sup> )	Royalty (Nu.)	Volume (m <sup>3</sup> )	Royalty (Nu.)	Volume (m <sup>3</sup> )	Royalty (Nu.)
Bumthang	19,006.1	324,752.7	13,356.3	1,987,804.6	8,004.5	149,593.4	3,974.8	792,732.4
Dagana	10,196.7	223,603.3	1,667.2	150,799.0	3,606.5	108,232.5	1,323.5	86,886.5
Gedu	4,263.3	105,313.5	3,627.7	116,944.9	2,038.4	43,813.3	3,755.9	269,734.3
Monggar	8,193.4	238,113.9	3,382.0	227,634.7	11,681.4	366,786.6	3,557.6	300,688.3
Paro	7,265.8	133,464.9	4,668.8	1,248,597.7	1,371.6	24,382.5	3,148.1	468,633.1
Pema Gatsel	311.0	7,616.7	217.1	10,494.0	1,366.2	31,478.5	1,549.6	63,874.5
Samdrup Jongkhar	1,874.2	52,943.5	721.3	33,534.7	575.9	14,524.9	1,311.7	45,945.6
Samtse	9,435.9	240,397.5	336.1	79,261.4	9,506.9	230,909.7	685.0	107,239.8
Sarpang	3,880.9	111,524.5	1,848.0	325,926.8	1,683.1	45,518.7	2,062.3	407,525.5
Thimphu	6,264.6	121,033.9	1,972.2	250,782.5	2,667.8	52,920.0	3,524.2	715,646.0
Trashigang	13,186.5	414,871.5	2,327.8	172,705.6	13,555.4	403,057.0	639.0	36,597.6
Tsirang	2,939.6	51,610.8	229.3	5,754.0	1,277.8	32,760.9	358.1	30,354.7
Wangdue Phodrang	20,717.2	470,465.6	8,969.7	1,781,588.9	14,413.7	398,629.2	5,084.4	1,053,852.5
Zhemgang	3,009.3	58,190.2	659.2	167,855.6	5,666.4	121,784.0	484.7	100,992.4

(continued)

(Table 6.1.6 continued)

Divisional Forest Office	2021				2022			
	Concessional		Commercial		Concessional		Commercial	
	Volume (m <sup>3</sup> )	Royalty (Nu.)	Volume (m <sup>3</sup> )	Royalty (Nu.)	Volume (m <sup>3</sup> )	Royalty (Nu.)	Volume (m <sup>3</sup> )	Royalty (Nu.)
Bumthang	4,458.5	114,514.7	9,555.0	1,975,272.3	2,164.0	250,369.2	8,442.4	1,262,657.7
Dagana	2,964.1	67,842.4	2,281.1	180,221.1	546.7	15,863.6	189.2	52,074.6
Gedu	1,825.4	30,617.2	8,239.6	308,804.7	371.8	9,373.2	3,893.8	782,144.2
Monggar	13,425.5	79,829.8	4,946.0	730,700.2	5,268.0	81,281.7	404.6	201,138.6
Paro	14,199.0	216,721.1	2,594.6	950,310.3	3,313.2	34,494.9	1,137.7	487,639.4
Pema Gatshel	394.4	9,740.1	2,179.3	49,825.1	369.7	3,372.0	229.6	17,394.9
Samdrup Jongkhar	126.6	4,014.9	1,769.6	381,526.2	1,127.1	13,300.0	796.2	126,930.3
Samtse	2,890.3	79,835.5	2,338.6	226,412.4	1,342.3	18,452.8	3,764.6	700,227.8
Sarpang	84.8	5,498.4	355.6	43,419.4	1,399.3	11,860.0	5,490.2	1,283,886.0
Thimphu	2,845.5	25,076.3	2,295.7	486,972.5	2,340.4	17,598.1	2,163.9	399,542.3
Trashigang	2,727.5	77,180.3	1,260.7	42,617.0	3,325.5	78,224.7	3,307.8	1,166,310.6
Tsirang	205.0	7,860.7	83.6	5,251.9	5.0	506.0	1.0	379.9
Wangdue Phodrang	1,535.2	50,111.9	3,326.8	542,892.9	4,619.6	67,536.6	924.8	120,813.0
Zhemgang	518.3	11,612.8	361.0	60,666.7	1,271.6	21,736.0	335.9	152,402.7

Source: Department of Forest and Park Services (DoFPS), MoENR

Table 6.1.7: Timber Allotment by Protected Area Office, 2019 - 2022

Protected Area Office	2019				2020			
	Concessional		Commercial		Concessional		Commercial	
	Volume (m <sup>3</sup> )	Royalty (Nu.)	Volume (m <sup>3</sup> )	Royalty (Nu.)	Volume (m <sup>3</sup> )	Royalty (Nu.)	Volume (m <sup>3</sup> )	Royalty (Nu.)
Bumdeling Wildlife Sanctuary	5,388.2	130,133.0	528.1	87,298.8	3,654.5	127,157.0	464.3	136,562.9
Jigme Dorji National Park	7,751.2	131,253.8	8,467.0	1,586,650.3	11,184.9	297,094.4	6,926.8	1,130,092.3
Jigme Khesar Strict Nature Reserve	5,393.6	94,319.4	0.0	0.0	17.0	2,333.6	198.1	47,730.9
Jigme Singye Wangchuck National Park	931.3	31,666.0	0.0	0.0	242.1	6,349.7	139.8	50,537.5
Jomotsangkha Wildlife Sanctuary	1,878.4	55,208.9	577.4	20,849.8	1,361.6	50,499.3	365.8	45,042.3
Phibsoo Wildlife Sanctuary	313.1	5,640.0	46.4	32,739.7	30.2	3,400.0	916.0	360,876.2
Phrumsengla National Park	6,073.0	1,920,894.4	1,486.7	173,643.3	4,885.0	114,307.8	850.6	77,720.1
Royal Manas National Park	584.2	14,519.7	144.0	26,705.2	702.4	19,053.4	10.0	4,008.0
Sakteng Wildlife Sanctuary	4,333.4	126,158.0	532.9	37,565.3	3,850.4	104,863.6	572.3	53,542.6
Wangchuck Centennial National Park	1,169.2	411,052.9	190.4	30,251.8	4,496.7	65,500.0	...	...

(continued)



(Table 6.1.7 continued)

Protected Area Office	2021				2022			
	Concessional		Commercial		Concessional		Commercial	
	Volume (m <sup>3</sup> )	Royalty (Nu.)	Volume (m <sup>3</sup> )	Royalty (Nu.)	Volume (m <sup>3</sup> )	Royalty (Nu.)	Volume (m <sup>3</sup> )	Royalty (Nu.)
Bumdeling Wildlife Sanctuary	3,534.0	93,356.2	575.4	134,130.4	1,825.7	14,443.5	665.6	156,219.2
Jigme Dorji National Park	2,455.7	47,118.5	12,455.4	2,808,280.5	488.4	20,927.6	2,402.5	562,285.4
Jigme Khesar Strict Nature Reserve	187.1	3,740.0	175.9	19,222.0	129.1	4,480.0	0.2	180.0
Jigme Singye Wangchuck National Park	523.5	16,224.7	390.4	100,112.0	68.0	1,680.2	47.0	21,917.4
Jomotsangkha Wildlife Sanctuary	268.8	30,609.5	1,584.9	108,523.5	3,249.6	14,140.0	877.6	217,053.1
Phibsoo Wildlife Sanctuary	203.7	8,064.0	...	...	2.7	200.0	6.5	3,618.0
Phrumsengla National Park	836.6	27,359.0	1,971.8	178,617.4	75.2	9,165.7	744.2	119,238.6
Royal Manas National Park	119.6	1,400.0	547.5	90,759.2	337.5	2,879.8	769.0	91,268.7
Saktreng Wildlife Sanctuary	1,304.4	40,789.1	594.9	40,437.7	162.4	13,736.0	127.6	32,942.9
Wangchuck Centennial National Park	118.6	720.0	...	...	535.9	18,255.1	125.6	42,111.5

Source: Department of Forest and Park Services (DoFPS), MoENR

Table 6.1.8: Non Wood Forest Products Supplied and Revenue Generated, 2019 - 2022

Product Name	Unit	2019		2020		2021		2022	
		Quantity	Royalty Realized (Nu.)	Quantity	Royalty Realized (Nu.)	Quantity	Royalty Realized (Nu.)	Quantity	Royalty Realized (Nu.)
Ajania nubigena	Kilogram	0	0	31	62.00	...	...	...	...
Banana Leave	Bundle	100	400.00	22	110.00	...	...	...	...
	Head Load	...	...	...	...	...	...	332	1,660.00
	Number	120	650.00	0	0	150	730.00	...	...
Bamboo shoots	Number	0	0	100	100.00	...	...	100	200.00
	Number	20	20.00	...	0	100	200.00	...	...
Calamus spp	Truckload	5	4,000.00	5	4,000.00	2	200.00	...	...
	Bundle	30	120.00	197	788.00	...	...	...	...
	Bundle	203	848.00	435	3,342.00	386	1,568.00	487	1,948.00
Cane shoot	Head Load	3	1,240.00	22	1,680.00	801	300.00	3	12.00
	Number	...	...	...	...	71	184.00	150	200.00
	Kilogram	7,300	1,476.00	54,290	10,858.00	40,300	8,060.00	4,635	27.00
Charcoal	Truckload	...	...	...	...	464	23,200.00	...	...
	m <sup>3</sup>	...	...	...	...	...	...	5888	43,750.00
	Truckload	55	2,240.00	199	7,950.00	342	23,515.60	...	...
Clay Soil	Kilogram	...	...	...	...	2	4.00	...	...
	m <sup>3</sup>	8	800.00	199	7,950.00	...	...	3,309	16,580.00
	Truckload	26	1,270.00	0	0	453	18,400.00	...	...
	m <sup>3</sup>	...	...	...	...	...	...	212	830.00
	Kilogram	1,700	3,400.00	24,826	54,600.00	17,100	34,200.00	12,660	19,560.00
Cymbidium(Olatsbey)	Bundle	6	240.00	0	0	140	5,960.00	...	...
Daphne spp(bark)	Kilogram	5,885	5,531.00	4,260	2,588.00	6,950	4,170.00	3,841	2,004.60
Hippophae rhamnoides (Taray	Bundle	...	...	...	...	...	...	5	20.00
tsang in Dz.)	Kilogram	1,100	4,400.00	500	2,000.00	300	1,200.00	3,050	12,200.00
Hyparrhenia hirta (Thatch grass)	Bundle	0	0	10	806.00	...	...	...	...

(continued)

(Table 6.1.8 continued)

Product Name	Unit	2019		2020		2021		2022	
		Quantity	Royalty Realized (Nu.)	Quantity	Royalty Realized (Nu.)	Quantity	Royalty Realized (Nu.)	Quantity	Royalty Realized (Nu.)
Exidia recisa (Sew-shamong in Dz.)	Kilogram	0	0	150	900.00	...	...	...	...
Edgeworthia spp. (Bark)	Kilogram	1,000	600.00	0	0	...	...	400	240.00
Fern top	Truckload	2	140.00	0	0	...	...	...	...
	Kilogram	0	0	6,520	6,620.00	...	...	...	...
Large Bamboo	Number	34,497	74392.00	47,215	88,270.00	65,828	108,776.00	74,520	94,682.00
	Truckload	1,573	14670.00	0	0	103	230.00	1	160.00
	m <sup>3</sup>	...	...	...	...	...	...	353	3,020.00
	Bundle	...	...	...	...	10	80.00	...	...
Small Bamboos	Number	91,466	40411.50	69,682	39,354.48	50,928	33,807.48	36,677	23,191.20
	Bundle	...	...	...	...	160	1,280.00	6,071	15,270.00
	m <sup>3</sup>	...	...	...	...	...	...	8	40.00
	Truckload	...	...	...	...	100	100.00	...	...
Lemon grass oil	Litre	350	1750.00	5	25.00	...	...	135	675.00
Lemon grass	Litre	210	1050.00	0	0	...	...	...	...
Mushroom	Number	7,250	7250.00	0	0	...	...	...	...
	Kilogram	52,875	106950.00	0	0	27	540.00	428	4,360.00
Knema spp. (Duruksa in Kheng)	m <sup>3</sup>	...	...	...	...	...	...	8	180.00
	Kilogram	100	500.00	50	5,650.00	700	3,500.00	200	1,000.00
Neomicrocalamus andropogonifolius (Ringshoo)	Kilogram	220	658.00	0	0	...	...	...	...
	Bundle	...	...	...	...	118	11.80	50	5.00
Nardostachys jatamansi (Pangpoe)	Kilogram	64,275	128550.00	43,514	87,028.00	14,850	29,700.00	3,564	7,128.00
Ophiocordyceps sinensis (Cordyceps)	Number	...	...	...	...	...	...	877	7,360,458.00
	Kilogram	1,342	1269240.00	2,013	2,614,353.60	36,507	14,968,007.76	32	19,200.00
Oroxylum indicum (Namkaling in Dz.)	Kilogram	0	0	50	100.00	...	...	...	...
Phyllanthus emblica (Amla in Dz.)	Kilogram	0	0	100	500.00	...	...	...	...

(continued)

(Table 6.1.8 continued)

Product Name	Unit	2019		2020		2021		2022	
		Quantity	Royalty Realized (Nu.)	Royalty Realized Quantity	Royalty Realized (Nu.)	Royalty Realized Quantity	Royalty Realized (Nu.)	Royalty Realized Quantity	Royalty Realized (Nu.)
Picrorhiza spp (Putra shing in Dz)	Kilogram	0	0	866	10,392.00	200	1,300.00	177	2124.00
Paris polyphylla	Kilogram	535	8215.00	0	0	...	...	...	...
Plectocomia himalayana (Patsa)	Bundle	329	1316.00	0	0	70	280.00	...	...
	Number	100	100.00	0	0	...	...	...	...
Rhododendron Spp. <sup>1</sup>	Kilogram	3,081	6241.00	4,307	8,163.00	9,090	18,186.00	5134	10306.00
	Truckload	...	...	...	...	12	450.00	...	...
Rubia cordifolia	Kilogram	24,524	377504.00	10,548	168,768.00	44,145	572,880.00	27909	442648.00
River bed materials	m <sup>3</sup>	0	0	337,891	1,689,455.00	616,212	3,081,060.00	426856	2099760.00
	Truckload	92,221	3679040.00	95,572	3,763,280.00	116,329	4,653,160.00	...	...
Pouzolzia spp.	Kilogram	8,962	17924.00	5,231	7,662.00	14,452	26,104.00	8598	15596.00
Phyllanthus emblica	Kilogram	3	15.00	0	0	...	...	...	...
	Kilogram	10	120.00	0	0	...	...	177	2124.00
Quartzite	m <sup>3</sup>	...	...	...	...	...	...	5552	52950.00
	Truckload	6	240.00	0	0	...	...	...	...
Resin	Kilogram	6,464	25856.00	2,927	11,708.00	...	...	...	...
Piper longum (Pipla)	Kilogram	600	12000.00	332	2,818.00	320	6,800.00	...	...
Pine needle <sup>2</sup>	Headload	0	0	365	1,417.00	...	...	2	20.00
	Truckload	38	1397.00	0	0	14	472.00	12	144.00
	m <sup>3</sup>	...	...	...	...	...	...	40.5	136.00
	Bundle	72	76.00	0	0	10	40.00	...	...
Pinus Wallichia	Number	200	2000.00	0	0	...	...	...	...

(continued)

(Table 6.1.8 continued)

Product Name	Unit	2019		2020		2021		2022	
		Quantity	Royalty Realized (Nu.)	Royalty Realized Quantity	Royalty Realized (Nu.)	Quantity	Royalty Realized (Nu.)	Quantity	Royalty Realized (Nu.)
Juniperus spp.	Number	2	2400.00	0	0	...	...	...	...
	m3	...	...	...	...	...	...	52	140.00
	Bundle	...	...	...	...	...	...	20	80.00
	Truckload	0	0	560	6,384.00	...	...	...	...
Leaf moulds	m3	...	...	...	...	...	...	4598	34210
	Truckload	587	33596.50	605	33,290.00	467	27,110.00	9	400.00
Leave litters	Truckload	14	786.00	0	0	8	300.00	...	...
	Bundle	...	...	...	...	50	5.00	...	...
Leaves(Incense) <sup>3</sup>	Truckload	21	880.00	0	0	17	680.00	7	280.00
	m <sup>3</sup>	...	...	...	...	...	...	220	1,100.00
	Headload	0	0	1,069	3,488.00	...	...	53	210.00
	Bundle	138	547.00	0	0	...	...	...	...
	Kilogram	...	...	...	...	6	12.00	822	1,848.00
	Truckload	99	3200.00	157	6,240.00	155	8,610.00	...	...
Stone dust	m <sup>3</sup>	0	0	391	1,420.00	1,393	3,255.00	8,754.00	24,710.00
	M3	294,902	1470926.00	817,423	4,082,110.50	604,236	3,021,158.00	655,682	2,872,961.44
Stone/Boulder	Truckload	241,805	9592816.00	51,275	2,100,511.64	45,881	1,785,312.30	...	...
	Tractor	7	832.00	2	632.00	3	...	...	...
Gravels/S/Chips	Truckload	123,472	4906214.00	7,869	342,247.00	26,091	981,860.00	...	...
	M3	87,223	436435.00	120,205	598,240.00	175,465	859,519.10	392,798	1,856,450.35
Sand	Truckload	45,121	1814634.00	33,936	1,498,675.00	31,515	1,245,756.20	...	...
	M3	177,486	897719.50	107,415	535,500.00	172,269	859,738.20	454,947	2,431,283.90
	Cubic feet	...	...	...	...	1	40.00	...	...
	Number	...	...	...	...	1	40.00	...	...
Top Soil	Tractor	...	...	...	...	39	780.00	...	...
	Truckload	1,079	90519.50	0	0	1,091	72,996.00	...	...
M3	507	5865.00	0	0	320	3,220.00	7,040	74,650.00	

(continued)

(Table 6.1.8 continued)

Product Name	Unit	2019		2020		2021		2022	
		Quantity	Royalty Realized (Nu.)	Quantity	Royalty Realized (Nu.)	Quantity	Royalty Realized (Nu.)	Quantity	Royalty Realized (Nu.)
shilajit	Kilogram	805	6440.00	0	0	100	800.00	509	4,072.00
Swertia chirata	Kilogram	150	3600.00	0	0	...	...	...	...
Thysanolaena latifolia (Broom grass)	Bundle	1,042	2824.50	462	1,444.00	1,408	4,224.00	1,061	2,565.00
	M3	2,000	2000.00	0	0	...	...	...	...
Woodburr	Number	458	3960.00	0	0	...	...	450	4,500.00
Yushania mailing	Number	620	142.40	100	8.00	770	126.00	...	...
	Bundle	10	80.00	0	0	5	40.00	...	...
	m <sup>3</sup>	...	...	...	...	...	...	1	40.00
Wildings (Saplings)	Bundle	...	...	...	...	...	...	50	100.00
	Number	3,066	14766.00	0	0	5,421	5,647.00	1,072	2,342.01
Zanthoxylum armatum	Kilogram	380	1520.00	2,400	9,600.00	672	288.00	6,637	800.00
	Kilogram	0	0	13	36.00	4,610	9,951.00	6,994	35,134.00
	Truckload	0	0	1	40.00	3	130.00	...	...
Others <sup>4</sup>	Number	0	0	30	180.00	20	1,040.00	147	2,560.10
	Bundle	...	...	...	...	20	80.00	20	1,040.00
	Clump	...	...	...	...	...	...	20	800.00
	M3	...	...	...	...	16	80.00	1,232	7,830.00

Note: <sup>1</sup> Rhododendro sp consist of Rhododendron species, Rhododendron anthopogon, Rhododendron setosum. <sup>2</sup> Pine needle consist of pine needle and leave of Bluepine/Fir.

<sup>3</sup> leave incense consist of leaves of Juniperus (incense). <sup>4</sup> others species consist of Arrimessia, Astilbe rivularis (Thousserguy), Bamboo chips, Bulbophyllum umbellatum, Cinnamomum spp., Ficus spp., Gentiana spp., Lycopodium clavatum (Zalagadag), Piper spp., Plumeria rubra, Rhodiola spp., Saw dust, Tanacetum nutigenum, Terminalia chebula, Wild ram

Source: Department of Forest and Park Services (DoFPS), MoENR

Table 6.1.9: Number of Community Forest (CF) and Area Coverage by Dzongkhag, 2018 - 2022

Dzongkhag	2018		2019		2020		2021		2022	
	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	33	3,399.85	35	3,723.10	37	3,823.69	39	3,897.04	38	4,062.56
Chhukha	60	4,254.74	61	4,302.74	62	4,540.18	62	4,540.18	62	4,922.53
Dagana	27	2,278.02	28	2,423.02	31	2,891.82	34	3,354.85	35	3,291.88
Gasa	7	452.46	7	452.46	7	556.08	7	556.08	7	646.80
Haa	18	1,696.80	19	1,839.73	19	1,839.73	19	1,839.73	24	2,783.05
Lhuentse	37	3,391.16	37	3,475.36	37	3,576.86	37	3,576.86	37	3,902.49
Monggar	34	9,390.37	34	9,390.37	36	10,792.77	38	11,878.53	37	11,635.57
Paro	29	4,627.98	30	4,842.92	30	4,842.92	30	4,842.92	30	5,012.53
Pema Gatsel	40	3,826.45	43	4,481.89	57	5,615.65	58	5,772.52	54	5,250.23
Punakha	56	5,105.16	56	5,105.16	44	4,519.63	45	4,551.17	45	4,870.01
Samdrup Jongkhar	50	6,660.07	50	6,722.45	50	7,141.80	50	7,141.80	50	5,910.96
Samtse	33	3,430.45	34	4,052.68	63	6,824.22	64	6,919.18	65	7,218.66
Sarpang	57	5,358.49	62	6,607.00	35	4,539.91	36	4,612.31	35	4,708.95
Thimphu	21	2,856.51	22	2,912.49	22	3,039.07	22	3,039.07	22	3,238.83
Trashigang	54	10,457.96	54	10,457.96	54	11,177.81	54	11,177.81	58	12,998.27
Trashigang Yangtse	32	4,273.12	33	4,538.31	36	4,820.03	39	5,111.38	39	5,561.53
Trongsa	48	7,766.79	49	9,240.67	30	3,579.70	30	3,579.70	30	3,597.85
Tsirang	30	3,175.81	30	3,568.70	50	9,500.23	51	9,696.89	50	9,558.83
Wangdue Phodrang	85	6,906.40	89	6,999.40	89	7,010.26	89	7,010.26	90	7,165.17
Zhemgang	26	2,855.97	31	4,009.60	33	4,466.92	35	4,768.12	34	6,212.48
<b>Total</b>	<b>777</b>	<b>92,164.55</b>	<b>804</b>	<b>99,146.00</b>	<b>822</b>	<b>105,099.27</b>	<b>839</b>	<b>107,866.39</b>	<b>842</b>	<b>112,549.18</b>

Source: Department of Forest and Park Services (DoFPS), MoENR

Table 6.1.10: Forest Fire Cases and Area Burnt by Dzongkhag, 2018 - 2022

Dzongkhag	2018		2019		2020		2021		2022	
	No. of cases	Area burnt (Acre)	No. of cases	Area burnt (Acre)	No. of cases	Area burnt (Acre)	No. of cases	Area burnt (Acre)	No. of cases	Area burnt (Acre)
Bumthang	3	7.0	2	3.0	1	0.8	3	13.4	3	11.8
Chhukha	0	0.0	0	0.0	...	...	1	1.5	...	...
Dagana	1	12.0	0	0.0	...	...	...	...	...	...
Gasa	1	514.0	0	0.0	...	...	...	...	2	12
Haa	0	0.0	1	1.0	...	...	1	0.2	2	12.2
Lhuentse	2	1,240.0	1	26.0	1	62.4	2	653.4	4	685.8
Monggar	6	2,963.0	5	1,549.0	1	1,297.8	7	5,383.5	3	117.0
Paro	6	12.0	0	0.0	1	3.1	2	0.6	4	3.6
Punakha	0	0.0	5	128.0	8	1,304.5	6	1,642.3	4	7.3
Pema Gatsel	3	17.0	0	0.0	...	...	...	...	...	...
Samdrup Jongkhar	0	0.0	0	0.0	4	386.2	2	654.9	8	445.2
Sarpang	0	0.0	3	11.0	...	...	...	...	...	...
Samtse	0	0.0	2	32.0	...	...	...	...	...	...
Thimphu	4	109.0	2	707.0	1	2.4	5	233.2	8	114.6
Trashigang	3	734.0	8	981.0	1	242.6	3	148.7	4	785.1
Trashi Yangtse	0	0.0	0	0.0	1	1.0	...	...	3	47
Tsirang	0	0.0	1	1.0	...	...	...	...	1	1
Trongsa	0	0.0	1	1.0	...	...	...	...	2	3
Wangdue Phodrang	14	2,466.0	8	68.0	7	2,597.9	9	1,711.9	3	2,925.4
Zhemgang	0	0.0	1	16.0	...	...	4	211.0	...	...
<b>Total</b>	<b>43</b>	<b>8,075.0</b>	<b>40</b>	<b>3,525.0</b>	<b>26</b>	<b>5,898.6</b>	<b>45.0</b>	<b>10,654.6</b>	<b>51.0</b>	<b>5,171.9</b>

Source: Department of Forest and Park Services (DoFPS), MoENR



**Table 6.2.1: Timber and Mineral Resource Products Produced/Extracted by Natural Resources Development Corporation Limited,**

2018 – 2022.

Product Type	Unit	2018	2019	2020	2021	2022
<b>Timber (Primary Product)</b>						
Logs	Cft.	1,723,634.3	2,111,319.2	2,324,060.6	1,256,416.8	1,556,649.9
Blocks/Field Sawn	Cft.	216,682.3	195,090.4	161,585.5	128,806.1	96,412.7
Poles	Cft.	...	126,986.7	136,950.8	113,974.0	126,324.7
<b>Timber (Secondary Products)</b>						
Sawn Timber	Cft.	152,239.6	46,828.4	16,172.2	201,819.7	202,282.1
Joinery-Flooring	Sq.ft	27,933.2	57,024.9	56,952.0	84,106.0	63,047.7
Joinery-Paneling	Sq.ft	34,600.7	94,524.4	137,365.4	134,540.7	245,951.9
<b>Timber (By-Products)</b>						
Post	Nos.	11,552.0	12,351.0	9,257.0	6,031.0	2,934.0
Woodchips	M <sup>3</sup>	9,830.2	2,774.5	1,111.6	342.9	2.7
Firewood	M <sup>3</sup>	32,980.4	37,376.3	32,124.4	44,477.2	42,149.4
Briquettes	Kg.	246,420.0	261,060.0	179,700.0	152,940.0	132,390.0
<b>Non-Wood Product (Mineral Products)</b>						
Sand	M <sup>3</sup>	501,586.8	517,287.3	491,021.5	381,675.1	468,536.2
Stone	Cft.	12,146,420.7	26,137,086.1	16,166,051.7	23,079,963.8	15,109,092.4
Stone (Raw-Material for NRDCL owned SCP)	Cft.	888,402.1	150,675.1	1,981,493.8	2,663,426.9	1,312,088.7
Stone Aggregate from Crushing Plant	Cft.	775,925.1	940,784.4	701,571.4	3,048,134.2	3,015,745.6

Note: Separate report for Logs, Poles and Blocks were not maintained till 2017. It is all added together. SCP = Stone Crushing Plant

Source: Natural Resources Development Corporation Ltd.

Table 6.2.2: Timber and Mineral Resource Products Supplied by Natural Resources Development Corporation Limited, 2018 - 2022

Product Type	Customer Group	Unit	2018	2019	2020	2021	2022
<b>Timber (Primary Product)</b>							
Logs/Poles/sawn	Commercial and Private individual	Cft.	1,505,524.6	1,820,027.0	1,126,740.8	1,521,279.40	1,676,210.42
Logs/Poles/sawn	Rural/Concessional	Cft.	15,128.0	35,415.9	7,158.8	35,288.80	9,410.44
Logs/Poles/sawn	Dzongs/Lhakang/ Govt. Project Construction	Cft.	184,444.0	199,285.5	552,156.6	249,851.80	257,920.20
<b>Timber (Secondary Product)</b>							
Joinery-Flooring	All categories of customers	Sq.ft	22,844.1	26,857.9	52,470.5	83,877.62	113,497.77
Joinery-Paneling		Sq.ft	31,579.7	82,329.7	103,509.2	134,540.74	225,117.59
<b>Timber (By-product)</b>							
Post	All categories of customers	Nos.	12,589.0	9,301.0	13,246.0	6,591.00	5,325.00
Woodchips		M <sup>3</sup>	9,830.2	2,774.5	1,111.6	342.88	2.67
Firewood		M <sup>3</sup>	32,949.9	37,537.5	30,067.7	44,477.19	43,850.96
Briquettes		Kg.	215,040.0	196,290.0	334,560.0	167,820.00	92,198.73
<b>Non-Wood Product (Mineral Product)</b>							
Sand	All categories of customers except rural	M <sup>3</sup>	494,654.3	490,917.3	491,249.8	391,156.96	497,486.73
Sand	Rural	M <sup>3</sup>	6,356.3	10,093.3	9,760.8	5,533.50	1,867.25
Stone (Domestic supply)	All categories of customers except rural	Cft.	7,942,178.9	11,869,758.0	5,103,087.9	8,074,315.80	5,797,343.10
Stone aggregate from crushing plant	All categories of customers	Cft.	984,522.4	931,824.8	704,727.3	2,716,767.10	2,783,538.52
Stone export	Exporter	MT	189,434.0	576,388.3	339,460.1	627,021.40	339,414.59

Note: Product supplied here refers to sold only.

Source: Natural Resources Development Corporation Ltd.

**Table 6.3.1: Monthly Maximum and Minimum Average Temperature by Dzongkhag, 2022**

Dzongkhag/Station	Temperature	(Degree Celsius)												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Bumthang, Chamkhar	Max	15.5	15.0	24.0	23.5	23.0	25.0	26.5	26.0	24.0	23.0	20.0	16.0	21.8
	Min	-9.0	-12.5	-4.5	1.0	5.0	12.5	11.0	12.5	12.0	1.0	-6.0	-6.0	1.4
	Ave	3.3	1.3	9.8	12.3	14.0	18.8	18.8	19.3	18.0	12.0	7.0	5.0	11.6
Chhukha, Phuntsholing, CST	Max	26.0	28.5	34.0	32.5	35.0	33.5	36.0	33.5	33.0	34.0	31.0	30.5	32.3
	Min	8.5	8.0	12.0	15.0	18.5	19.0	20.0	20.0	19.5	15.5	14.0	11.0	15.1
	Ave	17.3	18.3	23.0	23.8	26.8	26.3	28.0	26.8	26.3	24.8	22.5	20.8	23.7
Dagana	Max	21.0	21.0	28.5	28.5	29.5	29.0	30.5	30.0	29.0	28.5	26.0	24.0	27.1
	Min	2.0	1.0	7.0	13.0	14.0	17.0	18.0	18.0	16.5	11.0	8.0	5.5	10.9
	Ave	11.5	11.0	17.8	20.8	21.8	23.0	24.3	24.0	22.8	19.8	17.0	14.8	19.0
Gasa	Max	13.0	11.5	21.5	20.5	20.5	21.0	24.0	23.5	22.0	21.0	18.0	15.5	19.3
	Min	-9.0	-8.5	-3.5	2.0	4.5	9.0	9.0	9.5	8.0	1.5	-1.5	-3.0	1.5
	Ave	2.0	1.5	9.0	11.3	12.5	15.0	16.5	16.5	15.0	11.3	8.3	6.3	10.4
Haa	Max	12.0	11.0	21.0	20.0	21.0	21.5	24.0	25.0	22.5	19.0	17.0	15.0	19.1
	Min	-10.5	-12.5	-5.5	1.5	5.0	11.5	8.5	9.5	6.5	-2.0	-6.5	-7.5	-0.2
	Ave	0.8	-0.8	7.8	10.8	13.0	16.5	16.3	17.3	14.5	8.5	5.3	3.8	9.5
Lhuentse, Tangmachu	Max	22.5	27.0	32.5	31.5	32.0	33.0	37.0	35.0	34.0	31.5	27.5	24.5	30.7
	Min	2.0	1.5	7.5	14.0	14.0	18.0	19.5	19.0	19.0	11.5	7.0	7.0	11.7
	Ave	12.3	14.3	20.0	22.8	23.0	25.5	28.3	27.0	26.5	21.5	17.3	15.8	21.2
Monggar	Max	19.0	20.0	28.0	27.0	28.0	28.0	31.0	31.0	29.0	26.0	23.0	20.0	25.8
	Min	2.0	1.0	7.0	13.0	13.0	17.0	17.0	18.0	16.0	12.0	8.0	6.0	10.8
	Ave	10.5	10.5	17.5	20.0	20.5	22.5	24.0	24.5	22.5	19.0	15.5	13.0	18.3
Punakha	Max	25.5	25.5	35.0	34.5	35.0	35.5	38.5	37.5	35.0	34.5	31.0	28.0	33.0
	Min	3.0	2.5	7.0	14.5	16.5	21.5	21.0	22.0	21.0	10.5	6.0	6.0	12.6
	Ave	14.3	14.0	21.0	24.5	25.8	28.5	29.8	29.8	28.0	22.5	18.5	17.0	22.8
Paro	Max	15.0	16.0	26.0	25.0	26.0	29.0	30.5	31.0	28.0	25.0	22.0	19.0	24.4
	Min	-9.0	-6.0	-7.0	3.0	6.0	12.0	12.0	13.0	11.5	1.0	-3.5	-6.0	2.3
	Ave	3.0	5.0	9.5	14.0	16.0	20.5	21.3	22.0	19.8	13.0	9.3	6.5	13.3

(continued)

(Table 6.3.1 continued)

Dzongkhag/Station	Temperature	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Pema Gatsel	Max	20.5	21.0	31.0	27.5	30.5	29.5	32.0	31.5	30.0	31.0	25.5	22.0	27.7
	Min	1.5	0.0	7.0	12.0	13.0	17.5	18.0	18.0	15.5	11.0	6.5	4.0	10.3
	Ave	11.0	10.5	19.0	19.8	21.8	23.5	25.0	24.8	22.8	21.0	16.0	13.0	19.0
Samdrup Jongkhar, Deothang	Max	23.0	21.5	29.0	26.0	29.0	29.0	32.0	31.5	31.0	31.0	28.0	26.0	28.1
	Min	7.5	5.0	11.0	13.5	16.0	17.5	18.0	20.0	19.0	14.0	12.0	9.0	13.5
	Ave	15.3	13.3	20.0	19.8	22.5	23.3	25.0	25.8	25.0	22.5	20.0	17.5	20.8
Samtse, Sipsu	Max	25.0	26.0	33.0	31.0	32.0	31.5	35.0	34.0	33.0	34.0	31.5	29.5	31.3
	Min	8.0	8.0	13.5	17.0	18.5	19.0	21.0	21.0	20.0	16.0	14.0	11.5	15.6
	Ave	16.5	17.0	23.3	24.0	25.3	25.3	28.0	27.5	26.5	25.0	22.8	20.5	23.5
Sarpang, Bhur	Max	25.0	0.0	32.5	30.0	32.0	31.0	35.5	35.5	33.0	32.0	30.0	28.0	28.7
	Min	9.0	...	15.0	20.0	21.5	20.0	23.0	22.5	22.0	19.0	17.0	15.0	18.5
	Ave	17.0	0.0	23.8	25.0	26.8	25.5	29.3	29.0	27.5	25.5	23.5	21.5	22.9
Thimphu, Simtokha	Max	16.5	16.0	26.5	24.5	27.5	29.0	31.0	30.0	28.0	26.0	23.0	19.0	24.8
	Min	-7.5	-7.0	-3.0	3.0	7.5	12.0	11.0	12.0	11.5	0.5	-3.5	-6.0	2.5
	Ave	4.5	4.5	11.8	13.8	17.5	20.5	21.0	21.0	19.8	13.3	9.8	6.5	13.6
Trashigang, Kanglung	Max	18.5	18.5	27.5	23.5	25.0	27.5	30.5	29.5	28.0	28.5	23.5	20.5	25.1
	Min	0.5	-1.0	4.0	9.5	10.5	14.0	15.5	15.5	14.5	9.0	5.5	2.5	8.3
	Ave	9.5	8.8	15.8	16.5	17.8	20.8	23.0	22.5	21.3	18.8	14.5	11.5	16.7
Trashit Yangtse	Max	20.0	21.5	29.5	28.5	30.0	29.0	31.5	31.5	30.0	27.5	22.5	20.5	26.8
	Min	-4.5	-4.0	-1.0	6.5	9.5	15.0	12.5	15.5	13.5	5.0	-0.5	0.0	5.6
	Ave	7.8	8.8	14.3	17.5	19.8	22.0	22.0	23.5	21.8	16.3	11.0	10.3	16.2
Trongsa	Max	17.5	16.5	25.0	24.0	25.0	25.5	28.0	28.0	26.5	24.0	22.5	19.0	23.5
	Min	-3.5	-4.5	0.5	10.5	8.5	13.5	12.5	13.5	12.5	5.0	1.5	1.5	6.0
	Ave	7.0	6.0	12.8	17.3	16.8	19.5	20.3	20.8	19.5	14.5	12.0	10.3	14.7
Tsrang, Damphu	Max	17.5	17.0	25.0	24.5	25.5	25.0	26.0	27.0	26.0	27.0	24.0	20.0	23.7
	Min	2.0	0.5	6.5	12.0	13.0	17.0	18.0	18.0	17.0	10.0	6.0	5.0	10.4
	Ave	9.8	8.8	15.8	18.3	19.3	21.0	22.0	22.5	21.5	18.5	15.0	12.5	17.1
Wangdue Phodrang, (RNRR)	Max	22.0	22.5	31.5	30.5	32.5	33.0	35.5	33.5	32.0	32.0	27.5	25.0	29.8
	Min	2.5	2.0	7.0	13.0	16.0	21.5	21.5	22.0	19.0	8.5	4.5	4.5	11.8
	Ave	12.3	12.3	19.3	21.8	24.3	27.3	28.5	27.8	25.5	20.3	16.0	14.8	20.8
Zhemgang	Max	15.5	15.5	24.5	23.0	25.0	26.0	30.0	27.5	27.5	26.0	22.0	18.5	23.4
	Min	-1.0	-0.5	5.0	10.0	11.0	15.0	15.5	16.0	14.5	7.5	4.0	3.5	8.4
	Ave	7.3	7.5	14.8	16.5	18.0	20.5	22.8	21.8	21.0	16.8	13.0	11.0	15.9

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

**Table 6.3.2: Annual Maximum, Minimum and Average Temperature by Dzongkhag, 2018 - 2022**

		(Degree Celsius)				
Dzongkhag/Station	Temperature	2018	2019	2020	2021	2022
Bumthang, Chamkhar	Max	18.0	17.9	17.6	18.2	21.8
	Min	6.2	6.5	6.7	7.2	1.4
	Ave	12.1	12.2	12.1	12.7	11.6
Chhukha, Phuntsholing, CST	Max	28.9	28.8	27.8	28.7	32.3
	Min	17.1	16.9	16.3	16.1	15.1
	Ave	23.0	22.9	22.0	22.4	23.7
Dagana	Max	23.0	22.7	22.4	23.0	27.1
	Min	10.6	12.5	13.2	13.7	10.9
	Ave	16.8	17.6	17.8	18.3	19.0
Gasa	Max	14.4	14.5	14.3	15.0	19.3
	Min	4.6	4.7	4.5	4.9	1.5
	Ave	9.5	9.6	9.4	10.0	10.4
Haa	Max	15.3	15.3	14.9	15.0	19.1
	Min	4.3	4.5	4.6	4.9	-0.2
	Ave	9.8	9.9	9.7	10.0	9.5
Lhuentse, Tangmachu	Max	28.6	27.5	26.6	26.8	30.7
	Min	13.2	13.7	13.8	14.9	11.7
	Ave	20.9	20.6	20.2	20.9	21.2
Monggar	Max	22.4	21.9	21.4	22.4	25.8
	Min	13.0	13.1	13.2	13.6	10.8
	Ave	17.7	17.5	17.3	18.0	18.3
Punakha	Max	28.3	26.7	28.3	28.9	33.0
	Min	15.0	16.5	15.9	16.6	12.6
	Ave	21.6	21.6	22.1	22.7	22.8
Paro	Max	19.8	19.6	19.0	19.5	24.4
	Min	5.8	6.3	6.4	7.1	2.3
	Ave	12.8	12.9	12.7	13.3	13.3
Pema Gatshel	Max	22.0	21.8	21.4	22.9	27.7
	Min	12.5	12.5	12.5	13.2	10.3
	Ave	17.3	17.1	17.0	18.0	19.0
Samdrup Jongkhar, Deothang	Max	25.2	24.2	23.9	25.0	28.1
	Min	16.3	16.7	16.5	17.2	13.5
	Ave	20.7	20.4	20.2	21.1	20.8
Samtse, Sipsu	Max	28.1	27.9	27.2	27.9	31.3
	Min	17.9	17.9	17.9	18.3	15.6
	Ave	23.0	22.9	22.5	23.1	23.5
Sarpang, Bhur	Max	27.3	27.5	27.3	21.1	28.7
	Min	20.5	20.6	20.2	27.9	18.5
	Ave	23.9	24.1	23.7	24.5	22.9
Thimphu, Simtokha	Max	22.7	20.4	19.5	20.1	24.8
	Min	6.1	6.4	6.3	6.8	2.5
	Ave	14.4	13.4	12.9	13.4	13.6
Trashigang, Kanglung	Max	24.0	22.3	21.1	21.5	25.1
	Min	9.9	10.4	10.4	10.6	8.3
	Ave	16.9	16.3	15.7	16.1	16.7
Trashhi Yangtse	Max	21.1	22.2	22.3	22.6	26.8
	Min	9.4	9.5	9.5	10.2	5.6
	Ave	15.3	15.8	15.9	16.4	16.2
Trongsa	Max	19.0	19.4	19.0	19.7	23.5
	Min	9.1	9.3	9.3	9.5	6.0
	Ave	14.1	14.3	14.1	14.6	14.7
Tsirang, Damphu	Max	20.7	20.6	20.1	20.7	23.7
	Min	13.0	13.2	13.1	13.5	10.4
	Ave	16.9	16.9	16.6	17.1	17.1
Wangdue Phodrang, (RNRRC)	Max	27.3	26.0	25.1	25.6	29.8
	Min	14.0	15.0	15.6	16.1	11.8
	Ave	20.7	20.5	20.4	20.9	20.8
Zhemgang	Max	20.5	20.1	20.0	20.1	23.4
	Min	10.8	10.8	10.7	10.9	8.4
	Ave	15.6	15.4	15.3	15.5	15.9

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

**Table 6.3.3: Monthly Rainfall at Existing Stations by Dzongkhag, 2022**

Dzongkhag/Station	(Millimeter)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual total rainfall
Bumthang, Chamkher	4.50	30.30	5.20	42.70	33.10	81.00	106.20	82.50	81.00	95.90	0.00	0.00	562.40
Chhukha, Phumsholing CST	28.80	128.20	131.00	969.10	637.30	2,190.50	1,130.90	1,254.40	1,101.60	682.00	0.10	1.90	8,255.80
Dagana, Dzong	9.80	93.00	43.40	30.30	52.40	271.70	107.00	150.40	114.80	119.40	0.00	0.60	992.80
Gasa, Khathey	28.80	99.00	71.10	158.50	147.40	375.00	328.10	419.70	409.80	200.20	3.60	3.60	2,244.80
Haa, Namjeyling	5.10	6.80	10.10	53.60	61.00	117.80	199.70	126.00	155.20	59.10	0.00	0.00	794.40
Lhunse, Tangmachu	5.80	34.10	1.80	86.20	81.00	75.20	129.80	96.20	56.30	73.80	3.70	0.60	644.50
Monggar	2.00	63.80	1.80	62.00	68.40	167.00	133.20	50.80	94.60	122.60	0.00	2.40	768.60
Paro	6.60	4.80	2.40	27.20	38.60	49.80	99.20	61.30	74.40	38.80	0.00	0.00	403.10
Pema Gatsel	6.40	93.50	51.60	352.00	82.70	797.10	201.70	122.10	127.80	196.10	0.00	0.00	2,031.00
Punakha, Dzong	6.90	65.60	3.80	51.50	61.20	77.70	123.10	110.20	116.50	69.70	2.60	0.00	688.80
Samdrup Jongkhar, Deothang	43.90	82.50	57.00	592.60	563.90	1,828.20	753.20	234.60	406.70	376.70	0.00	3.40	4,942.70
Samtse, Sibsoo	38.40	63.20	21.60	584.00	489.50	1,527.80	800.00	741.40	780.40	551.60	2.60	3.60	5,604.10
Sarpang, Bhur	10.80	...	0.80	301.30	332.30	1,282.90	795.60	1,204.10	1,011.70	381.40	2.40	3.00	5,326.30
Thimphu, Simtokha	8.80	14.60	4.00	27.40	17.30	34.20	165.00	144.10	70.80	49.60	0.00	0.00	535.80
Trashigang, Kanglung	5.60	50.80	7.40	120.10	141.80	262.40	212.20	115.40	100.80	148.20	0.00	1.20	1,165.90
Trashi Yangtse	9.90	36.60	9.40	141.10	91.30	155.60	112.80	155.00	184.70	159.00	0.00	26.00	1,081.40
Trongsa	10.10	39.60	15.60	70.90	211.10	143.70	217.50	180.00	171.40	155.80	0.80	0.20	1,216.70
Tsirang, Dampphu	13.00	32.20	0.00	59.20	32.20	364.20	214.80	156.10	128.20	70.80	0.00	0.00	1,070.70
Wangdue Phodrang, RNRRC	6.40	4.20	5.40	40.60	40.00	38.40	86.40	80.10	80.70	49.50	1.00	0.00	432.70
Zhemgang	6.40	63.80	3.30	95.90	189.20	253.00	222.70	193.30	210.30	129.70	0.00	0.80	1,368.40

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

**Table 6.3.4: Annual Rainfall at Existing Stations by Dzongkhag, 2018 - 2022**

(Millimeter)

Dzongkhag/Station	2018	2019	2020	2021	2022
Bumthang, Chamkhar	531.2	618.7	652.8	670.7	562.4
Chhukha, Phuntsholing CST	6,145.7	5,463.6	3,986.9	3,150.7	8,255.8
Dagana, Dzong	833.7	985.9	1,316.7	884.0	992.8
Gasa, Khatey	2,361.4	1,980.9	2,508.3	2,455.4	2,244.8
Haa, Namjeyling	675.8	796.3	974.8	980.4	794.4
Lhuntse, Tangmachu	586.4	801.8	776.8	663.0	644.5
Monggar	673.4	1,065.2	1,039.9	834.4	768.6
Paro	313.0	423.0	472.7	550.9	403.1
Pema Gatshel	1,136.2	1,978.1	2,347.6	1,497.1	2,031.0
Punakha, Dzong	785.5	575.9	553.1	798.6	688.8
Samdrup Jongkhar, Deothang	3,277.4	4,240.7	4,824.6	2,783.5	4,942.7
Samtse, Sibsoo	4,912.7	5,266.6	6,324.2	5,991.3	5,604.1
Sarpang, Bhur	4,471.7	5,070.2	7,220.3	5,024.8	5,326.3
Thimphu, Simtokha	394.1	462.1	490.1	575.1	535.8
Trashigang, Kanglung	855.6	1,219.1	1,348.4	1,055.3	1,165.9
Trashi Yangtse	1,134.5	1,041.4	1,117.8	1,145.9	1,081.4
Trongsa	1,193.1	1,316.6	1,481.8	1,225.6	1,216.7
Tsirang, Dampchu	1,230.6	1,253.0	1,907.0	1,301.5	1,070.7
Wangdue Phodrang, RNRRC	460.6	494.1	643.0	771.8	432.7
Zhemgang	1,024.1	1,451.8	1,494.2	1,343.9	1,368.4

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

Table 6.3.5: Monthly Average Relative Humidity by Dzongkhag and Station, 2022

Dzongkhag/Station	(Percent)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average Humidity
Bumthang, Chamkhar	77.2	76.6	69.3	66.8	63.0	73.3	70.6	77.5	78.5	75.1	67.0	70.9	72.1
Chhukha, Phuntsholing, CST	59.7	61.5	52.2	84.6	84.2	94.6	88.0	90.6	91.1	80.4	60.1	60.8	75.9
Dagana	59.5	62.4	57.1	71.6	74.5	94.6	85.3	84.5	89.0	71.3	48.1	52.7	70.9
Gasa	57.0	63.9	51.8	65.0	75.9	87.7	78.8	80.0	85.5	70.4	53.2	57.7	68.9
Haa	62.3	57.1	55.5	62.0	62.3	75.3	67.8	69.6	76.3	67.2	50.1	61.4	64.0
Lhuentse, Tangmachu	68.8	74.6	64.1	72.2	75.0	87.0	78.0	83.0	78.0	72.9	69.2	77.4	75.0
Monggar	68.9	70.9	56.7	79.2	79.1	88.6	79.7	80.3	85.5	74.5	56.7	65.9	73.8
Punakha	74.1	72.1	60.1	67.8	70.3	78.7	74.2	77.5	81.7	79.7	75.3	81.3	74.4
Paro	85.5	79.6	67.5	68.6	65.2	74.0	68.9	74.6	79.5	76.6	70.6	74.1	73.7
Perna Gatshel	80.8	80.5	72.2	87.3	85.3	90.5	88.4	88.5	89.4	86.6	78.7	81.8	84.2
Samdrup Jongkhar, Deothang	59.9	67.1	59.6	88.6	82.7	94.8	89.6	84.6	86.4	75.0	51.6	58.1	74.9
Samtse, Sipsu	59.2	60.5	58.8	78.4	76.9	91.3	84.2	83.1	84.8	69.5	52.8	57.1	71.4
Sarpang, Bhur	74.4	...	70.2	91.8	84.8	97.2	87.5	88.1	89.2	80.5	67.2	70.5	82.2
Thimphu, Simtokha	62.1	63.0	52.7	60.7	64.0	63.9	64.6	68.8	70.3	69.7	62.8	65.5	64.1
Trashigang, Kanglung	75.5	73.5	62.0	78.8	82.9	89.2	84.1	84.1	84.3	75.7	57.7	73.9	76.8
Trashigang, Yangtse	73.0	75.0	64.4	75.4	75.3	86.4	79.0	82.5	83.6	78.5	68.9	77.7	76.6
Trongsa	71.1	72.9	64.0	76.9	78.9	86.3	83.2	82.5	85.0	76.8	65.8	79.0	76.9
Tsirang, Dampchu	87.6	84.3	86.0	89.0	87.2	93.3	90.1	92.2	92.0	89.1	85.9	86.5	88.6
Wangdue Phodrang, (RNRRRC)	80.2	74.9	72.0	73.0	73.6	79.9	78.6	82.3	84.4	84.6	78.7	80.5	78.6
Zhemgang	69.6	73.8	60.0	76.4	78.4	88.3	81.7	85.1	86.6	76.8	56.4	68.7	75.2

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



**Table 6.3.6: Annual Average Relative Humidity by Dzongkhag, 2018 - 2022**

(Percent)

Dzongkhag/Station	2018	2019	2020	2021	2022
Bumthang, Chamkhar	72.7	74.6	63.3	73.5	72.1
Chhukha, Phuntsholing, CST	75.8	75.3	76.5	70.5	75.9
Dagana	65.0	70.7	71.2	68.6	70.9
Gasa	68.0	70.8	69.8	68.5	68.9
Haa	61.2	62.4	62.4	66.1	64.0
Lhuentse, Tangmachu	70.8	74.1	74.5	71.4	75.0
Monggar	71.5	73.3	75.4	73.6	73.8
Punakha	75.1	75.3	74.1	69.5	74.4
Paro	65.1	68.3	70.9	72.2	73.7
Pema Gatshel	82.7	83.4	84.8	82.6	84.2
Samdrup Jongkhar, Deothang	74.4	73.7	79.2	73.6	74.9
Samtse, Sipsu	71.3	70.8	73.3	71.1	71.4
Sarpang, Bhur	79.3	81.0	82.0	79.2	82.2
Thimphu, Simtokha	53.4	66.6	65.2	62.6	64.1
Trashigang, Kanglung	76.7	77.7	79.4	80.0	76.8
Trashi Yangtse	77.7	76.9	78.0	76.9	76.6
Trongsa	79.1	79.0	81.7	78.4	76.9
Tsirang, Damphu	87.1	85.8	86.0	85.2	88.6
Wangdue Phodrang, (RNRRRC)	74.7	78.8	78.1	78.4	78.6
Zhemgang	74.7	74.8	73.1	71.5	75.2

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

Table 6.4.1: Mineral Production by Type, 2018 - 2022

Minerals	2018		2019		2020		2021		2022	
	Quantity (MT)	Value (Nu. In million)	Quantity (MT)	Value (Nu. In million)	Quantity (MT)	Value (Nu. In million)	Quantity (MT)	Value (Nu. In million)	Quantity (MT)	Value (Nu. In million)
Dolomite	2,821,166.44	2,972.10	3,027,517.70	4,314.20	1,232,106.76	4,314.20	2,041,154.90	2,449.39	2,767,394.66	3,320.90
Calc Tufa	12,323.80	5.50	22,079.14	9.90	3,753.12	9.90	0.00	0.00	0.00	0.00
Coal	186,823.75	1,158.80	184,784.48	1,144.00	72,838.11	1,144.00	111,544.69	577.92	158,603.26	965.41
Granite	6,079.76	2.10	3,391.30	1.20	3,586.01	1.20	47,334.35	14.20	2,406.58	3.40
Gypsum	461,128.12	748.20	490,595.50	815.80	331,049.57	815.80	403,752.98	754.85	400,182.65	260.11
Iron Ore	37,843.08	98.40	36,864.20	95.80	14,734.12	95.80	25,916.73	68.68	3,491.58	9.25
Limestone	1,344,037.86	2,833.10	1,546,302.14	3,296.40	817,458.68	3,296.40	1,295,516.90	2,394.24	964,329.54	867.90
Marble	188,900.53	427.20	94,318.33	216.50	8,874.40	216.50	84,034.55	183.33	26,433.33	50.22
Phyllite	53,188.53	16.70	78,246.35	23.50	42,178.12	23.50	45,083.43	13.53	43,931.32	26.80
Quartzite	145,713.93	145.70	141,065.90	141.10	150,131.31	141.10	123,320.32	160.32	153,219.13	190.76
Construction Stones	3,730,975.36	687.70	3,325,418.60	2,353.80	2,157,386.97	2,353.80	1,806,488.88	654.29	1,841,817.42	603.80
Talc	2,042.46	6.10	1,374.75	4.10	972.09	4.10	677.88	2.02	739.72	4.44

Note: Production here refers to only actual sale, and average sale value and MFP (Minimum Floor Price) is considered.

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

Table 6.4.2: Mineral Production by Type and Use, 2018 - 2022

(Metric tonnes)

Minerals	2018			2019			2020		
	Export	Domestic Use	Total	Export	Domestic Use	Total	Export	Domestic Use	Total
Dolomite	2,816,805.55	4,360.89	2,821,166.44	3,027,517.70	0.00	3,027,517.70	1,232,106.76	0.00	1,232,106.76
Calc Tufa	...	12,323.80	12,323.80	...	22,079.14	22,079.14	0.00	3,753.12	3,753.12
Coal	26,915.55	159,908.20	186,823.75	25,610.10	159,174.38	184,784.48	274.07	72,564.04	72,838.11
Granite	0.00	6,079.80	6,079.80	0.00	3,391.30	3,391.30	0.00	3,568.01	3,568.01
Gypsum	377,196.55	83,931.57	461,128.12	417,158.99	73,436.51	490,595.50	282,589.50	48,460.07	331,049.57
Iron Ore	...	37,843.08	37,843.08	...	36,864.20	36,864.20	0.00	14,734.12	14,734.12
Limestone	53,344.66	1,290,693.20	1,344,037.86	245,945.97	1,300,356.17	1,546,302.14	182,900.88	634,557.80	817,458.68
Marble	152,585.16	36,315.37	188,900.53	92,330.54	1,987.79	94,318.33	0.00	8,874.40	8,874.40
Phyllite	91.00	53,097.53	53,188.53	662.09	77,584.26	78,246.35	0.00	42,178.12	42,178.12
Quartzite	0.00	145,713.93	145,713.93	0.00	141,065.90	141,065.90	8,807.63	141,323.68	150,131.31
Construction Stone	624,125.49	3,106,849.87	3,730,975.36	874,183.70	2,451,234.90	3,325,418.60	323,077.48	1,834,309.49	2,157,386.97
Talc	1,389.07	653.39	2,042.46	1,374.75	0.00	1,374.75	972.09	0.00	972.09

(continued)

Table 6.4.3: Number of Mines and quarries by Type and Dzongkhag, 2022

Dzongkhag	Calc Tufa	Coal	Construction stone	Dolomite	Granite	Gypsum	Limestone	Marble	Iron Ore	Phyllite	Quartzite	Talc	Total
Bumthang	0	0	3	0	0	0	0	0	0	0	0	0	3
Chhukha	0	0	5	0	0	0	0	0	0	0	5	1	11
Dagana	0	0	1	0	0	0	0	0	1	0	1	0	3
Gasa	0	0	0	0	0	0	0	0	0	0	0	0	0
Haa	0	0	0	0	0	0	0	0	0	0	0	0	0
Lhuentse	0	0	0	0	0	0	0	0	0	0	0	0	0
Monggar	0	0	4	0	0	0	0	0	0	0	0	0	4
Paro	0	0	5	0	0	0	1	0	0	0	0	0	6
Pema Gatshel	0	0	3	0	0	3	0	0	0	0	0	0	6
Punakha	0	0	0	0	0	0	0	0	0	0	0	0	0
Samdrup Jongkhar	0	5	0	0	0	0	2	0	0	0	0	0	7
Samtse	0	0	12	1	0	0	3	0	0	2	4	0	22
Sarpang	0	0	0	0	0	0	0	0	0	0	0	0	0
Thimphu	0	0	5	0	0	0	1	2	0	0	0	0	8
Trashigang	0	0	3	0	0	0	0	0	0	0	0	0	3
Trashiyangtse	0	0	1	0	0	0	0	0	0	0	0	0	1
Trongsa	0	0	1	0	0	0	0	0	0	0	1	0	2
Tsirang	0	0	1	0	0	0	0	0	0	0	0	0	1
Wangdue Phodrang	0	0	11	0	1	0	0	0	0	0	0	0	12
Zhemgang	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>5</b>	<b>55</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>11</b>	<b>1</b>	<b>89</b>

Note: The Phyllite production is from surface collection and there is no mine for phyllite production  
 Source: Department of Geology and Mines, MoENR, Thimphu.

**Table 6.5.1: Trend on Green House Gas Emissions by Sectors and Removals, 1994 - 2015**(Gg CO<sub>2</sub>e)

Year	Sector				Sink Capacity	Net Emission
	Energy	Industrial Process and Product Use	Waste	Agriculture, Forestry & Other Land Use		
1994	93.60	166.93	55.78	1,411.43	-8,975.94	-7,248.19
1995	121.04	181.01	63.90	3,093.39	-9,006.66	-5,547.32
1996	131.53	166.51	60.35	2,880.91	-9,037.38	-5,798.08
1997	112.18	218.58	63.21	2,744.64	-9,068.11	-5,929.49
1998	124.84	197.45	66.10	2,072.88	-9,098.83	-6,637.56
1999	259.13	240.83	69.02	3,290.84	-9,129.56	-5,269.74
2000	259.13	220.45	67.94	3,231.77	-9,160.28	-5,381.01
2001	290.18	250.32	70.81	2,457.52	-9,170.23	-6,101.40
2002	303.14	261.40	73.72	1,848.40	-9,180.17	-6,693.51
2003	381.28	252.39	78.92	1,206.83	-9,190.11	-7,270.69
2004	411.43	242.07	79.16	1,020.96	-9,200.05	-7,446.42
2005	357.26	258.98	80.92	1,540.91	-9,209.99	-6,971.93
2006	332.83	293.28	69.19	2,389.42	-9,219.93	-6,135.21
2007	386.31	419.05	71.01	5,123.38	-9,229.87	-3,230.11
2008	368.12	465.96	72.89	1,769.88	-9,239.82	-6,562.96
2009	386.92	459.31	74.76	1,329.96	-9,249.76	-6,998.82
2010	468.63	497.13	87.75	1,750.81	-9,259.70	-6,455.37
2011	519.40	475.92	89.46	1,862.86	-9,285.08	-6,337.45
2012	588.63	482.84	113.76	1,841.37	-9,310.46	-6,283.86
2013	620.39	596.33	117.82	1,886.51	-9,335.84	-6,114.79
2014	689.20	660.42	122.06	4,295.19	-9,361.22	-3,594.35
2015	707.92	796.42	126.51	2,183.25	-9,386.60	-5,572.50

Note: Gg refers to Giga Gram, 1 Gg = 1000 tonnes

United Nations Framework Convention on Climate Change (UNFCCC)

Source: Third National Communication to the UNFCCC, National Environment Commission

**Table 6.5.2: Ambient Air Quality Criteria, Environmental Standards, 2020**

( $\mu\text{g}/\text{m}^3$ )

Parameters	Average	Industrial Area	Mixed Area	Sensitive Area
Total suspended particulate matter	24-hour average	500	200	100
	Yearly average	360	140	70
PM 2.5	24-hour average	60	60	60
	Yearly average	40	40	40
PM 10	24-hour average	200	100	75
	Yearly average	120	60	50
Sulphur Dioxide (SO <sub>2</sub> )	24-hour average	120	80	30
	Yearly average	80	60	15
Nitrogen Oxides (NO <sub>x</sub> )	24-hour average	120	80	30
	Yearly average	80	60	15
Carbon Monoxide (CO)	8-hour average	5,000	2,000	1,000
	1-hour average	10,000	4,000	2,000
Ozone	8-hour average	100	100	100
	1-hour average	180	180	180

*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.  $\mu\text{g}/\text{m}^3$  refers to Micrograms per Cubic Meter*

*Source: Environmental Standards 2020, National Environment Commission*

**Table 6.5.3: Annual Average State of the Air Quality by Station, 2017 - 2020**

<b>Air Quality Parameters/Station</b>	<b>Unit</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
<b>Total suspended particulate matter (PM10)</b>	( $\mu\text{g}/\text{m}^3$ )				
Thai Pavilion, Thimphu		36.86	23.57	24.03	19.66
Rinchending, Phuentsholing		...	40.48	46.30	33.47
Pasakha, Phuentsholing		...	...	168.17	...
Deothang		...	...	63.26	43.51
<b>Total suspended particulate matter (PM2.5)</b>	( $\mu\text{g}/\text{m}^3$ )				
Thai Pavilion, Thimphu		22.44	15.92	16.95	14.23
Rinchending, Phuentsholing		...	24.15	30.08	...
<b>Sulphur Dioxide (SO<sub>2</sub>)</b>	( $\mu\text{g}/\text{m}^3$ )				
Thai Pavilion, Thimphu		0.20	0.32	0.49	...
<b>Nitrogen Oxides (NO<sub>x</sub>)</b>	( $\mu\text{g}/\text{m}^3$ )				
Thai Pavilion, Thimphu		5.06	6.76	16.93	...
<b>Black Carbon</b>	ng/m <sup>3</sup>				
Chelela		...	...	...	526.62

*Note:  $\mu\text{g}/\text{m}^3$  refers to Microgram/cubic meter and ng/m<sup>3</sup> refers to Nanogram/cubic meter*

*Source: National Environment Commission*

Table 6.5.4: Greenhouse Gas Emissions by Sector and Sources, 2015

Greenhouse Gas Sector/Source	Unit	Carbon Dioxide (CO <sub>2</sub> )		Methane (CH <sub>4</sub> )		Nitrous Oxide (N <sub>2</sub> O)		Total
		Gg CO <sub>2</sub> eq	Gg CO <sub>2</sub> eq	Gg CO <sub>2</sub> eq	Gg CO <sub>2</sub> eq	Gg CO <sub>2</sub> eq	Gg CO <sub>2</sub> eq	
<b>1. Energy</b>		<b>691.56</b>		<b>7.59</b>		<b>8.77</b>		<b>707.92</b>
<b>1.A - Fuel Combustion Activities</b>		691.18		6.03		8.77		705.99
1.A.1 - Energy Industries		0.01		0.00		0.00		0.01
1.A.2 - Manufacturing Industries and Construction		241.62		0.58		1.26		243.46
1.A.3 - Transport		417.01		1.17		6.64		424.83
1.A.4 - Other Sectors		32.53		4.28		0.87		37.68
<b>1.B - Fugitive emissions from fuels</b>		0.37		1.56		...		1.93
1.B.1 - Solid Fuels		0.37		1.56		...		1.93
<b>2. Industrial Processes and Product Use</b>		<b>791.83</b>		<b>4.59</b>		...		<b>796.42</b>
<b>2.A - Mineral Industry</b>		378.92		...		...		378.92
2.A.1 - Cement production		378.92		...		...		378.92
<b>2.B - Chemical Industry</b>		50.63		0.13		2.73		53.36
2.B.5 - Carbide Production		50.63		0.13		2.73		53.36
<b>2.C - Metal Industry</b>		362.28		0.09		1.86		364.14
2.C.1 - Iron and Steel Production		7.40		...		...		7.40
2.C.2 - Ferroalloys Production		354.89		0.09		1.86		356.74
<b>3. Agriculture, forestry and land use</b>		<b>1.07</b>		<b>431.53</b>		<b>120.28</b>		<b>552.87</b>
<b>3.A - Livestock</b>		...		18.03		378.54		389.48
3.A.1 - Enteric Fermentation		...		16.59		348.49		348.49
3.A.2 - Manure Management		...		1.43		30.05		40.99
<b>3.B - LULUCF*</b>		...		...		...		...
<b>3.C - Aggregate sources and non-CO<sub>2</sub> emissions</b>		1.07		2.52		52.99		163.40
3.C.3 - Urea application		1.07		...		...		1.07
3.C.4 - Direct N <sub>2</sub> O Emissions from managed soils		...		...		...		...
3.C.5 - Indirect N <sub>2</sub> O Emissions from managed soils		...		...		...		...
3.C.6 - Indirect N <sub>2</sub> O Emissions from manure management		...		...		...		...
3.C.7 - Rice cultivations		...		2.52		52.99		52.99
<b>4. Waste</b>		...		<b>5.85</b>		<b>122.84</b>		<b>126.51</b>
4.A - Solid Waste Disposal		...		0.79		16.63		16.63
4.D - Wastewater Treatment and Discharge		...		5.06		106.20		109.87

Note: GgCO<sub>2</sub> eq = Giga gram Carbon Dioxide Equivalent

United Nations Framework Convention on Climate Change (UNFCCC)

Land Use and Land Use Change and Forestry (LULUCF)

\*emission from LULUCF is added separately due to computation difference

Source: Third National Communication to the UNFCCC 2020, National Environment Commission



Often dubbed as the backbone of the economy, industries form the bedrock for economic development. They are recognized for their socio-economic roles such as driving innovation and investment, diversifying economic base, creating employment opportunities, curbing rural-urban migration, reducing poverty, and potential to contribute towards economic self-reliance.

Industries are categorized into three sectors, viz. Production and Manufacturing, Service and Contract. Industries are further classified based on ownership as Sole proprietorship, Partnership, Company and others. The trading activities are classified based on the annual sales turnover and operation, into three groups as Micro Trade, Retail Trade and Wholesale Trade.

Foreign Direct Investment (FDI) plays a key role in promoting the transmission of capital inflow and technology transfer. It also helps in expanding the economic base, employment generation, foreign exchange earnings and revenue generation.

This chapter includes the number of licenses issued and number of active licenses in large and medium industry, Cottage and small industry, and trading activities by various categories and dzongkhag. It also includes the number of foreign direct investment and number of mines by dzongkhag.

### Concepts and Definitions

**Sole Proprietorship:** Business owned by an individual.

**Partnership:** Business owned by more than one individual.

**Company:** If the business is incorporated under the Companies Act of Bhutan 2016.

**Others:** It includes those activities that are not covered under sole proprietorship, partnership and company. Others includes Government, Dratshang, Schools, etc.

**Production and Manufacturing:** It's the physical or chemical transformation of material and components into new products whether the products are sold at wholesale or retail. Example of licensed enterprises are Furniture units, Nursery, Audio Visual production, Dehydrated fruits and vegetables/chips production unit, Home processed food, Fabrication activities, Bakery/Confectionary, Incense production, Gold and Black Smith, etc.

**Services:** There is no standard definition for service sector. For our purpose, it will cover all activities where labour is the main input and the activity is geared towards meeting the direct needs of the consumers/clients and therefore demand-based. Example of licensed services are Tailoring, Activities of travel agencies and tour operators, tourist assistance activities, Bar, Barber/Beauty Parlor/Saloon/mobile salon, Goods Transport, entertainment, Maintenance and Repair of Motor Vehicles, including washing and polishing, Restaurant, Hotel/Tourist standard hotel etc.

**Contract:** Criteria for cottage and small for contract firm is same. Example of licensed contract are Visionary Builders and Namgay Construction, etc.

**Large scale:** Greater than Nu.100 million investment and more than 100 people employed.

**Large scale:** Greater than Nu.100 million investment and more than 100 people employed.

**Medium scale:** Greater than Nu.10 million to Nu.100 million and 20 – 99 people employed.

**Small:** Nu.1 million to Nu.10 million and 5 – 19 people employed.

**Cottage:** Less than Nu.1 million and 1 – 4 people employed.

(Note: In case of conflict between investment and employment, investment takes precedence.)

**New Licenses issued:** Licenses that have been issued within the past one year or within that financial year.

**Existing Active Licenses:** Those licenses which are Valid excluding the New licenses issued within the past one year or within that financial year.

**Registration Certificate (RC):** It is issued to a person who intends to engage in industrial activities under the cottage scale. RC is valid for 3 years.

**Micro Trade Registration Certificate (MTRC):** It is issued to trader who engage more in sale of products/goods to consumers or those traders whose engages in trading with annual sales turnover less than Nu. 1 million.

**Wholesale Trade:** It engage in bulk purchases of products from principal companies for distribution to retailers. It has annual sales turnover more than Nu.10 million. Wholesale by default categorized as large.

**Retail Trade:** It engage more in sale of products/goods directly to the consumers. Retail trade has large, medium and small scale.

**Small Retail Trade:** It has annual sales turnover from Nu.1 million to Nu.5 million.

**Medium Retail Trade:** It has annual sales turnover from Nu.5 million to Nu.10 million.

**Large Retail Trade:** It has annual sales turnover more than Nu.10 million.

**Table 7.1: Number of Industries by Sector, Size and Ownership, 2019- 2023**

<b>Industrial Establishments</b>	<b>As of June 2019</b>	<b>As of June 2020</b>	<b>As of June 2021</b>	<b>As of June 2022</b>	<b>As of June 2023</b>
<b>Sector</b>	<b>24,595</b>	<b>23,133</b>	<b>22,267</b>	<b>27,290</b>	<b>31,399</b>
Production & manufacturing	3,018	2,845	2,766	3,375	3,685
Contract	3,295	2,269	17,371	2,387	2,293
Services	18,282	18,019	2,130	21,528	25,421
<b>Size</b>	<b>24,595</b>	<b>23,133</b>	<b>22,267</b>	<b>27,290</b>	<b>31,399</b>
<b>Production &amp; manufacturing</b>	<b>3,018</b>	<b>2,845</b>	<b>2,766</b>	<b>3,375</b>	<b>3,685</b>
Large scale	127	124	96	101	104
Medium scale	231	137	173	188	189
Small scale	778	794	881	1,394	1,140
Cottage scale	1,882	1,790	1,616	1,692	2,252
<b>Services</b>	<b>18,282</b>	<b>18,019</b>	<b>17,388</b>	<b>21,528</b>	<b>25,421</b>
Large scale	150	135	130	139	152
Medium scale	388	306	267	285	321
Small scale	1,773	1,923	2,744	14,160	17,201
Cottage scale	15,971	15,655	14,247	6,944	7,747
<b>Contract</b>	<b>3,295</b>	<b>2,269</b>	<b>2,113</b>	<b>2,387</b>	<b>2,293</b>
Large scale	275	114	117	147	165
Medium scale	1,096	276	263	314	291
Small scale	1,924	1,879	1,733	1,926	1,816
Cottage scale	0	0	0	0	21
<b>Ownership</b>	<b>24,595</b>	<b>23,133</b>	<b>22,267</b>	<b>27,290</b>	<b>31,399</b>
Sole proprietorship	23,372	22,086	21,207	26,161	30,187
Partnership	302	295	278	300	350
Company	843	685	722	765	765
Others	78	67	60	64	97

*Note: The data from June 2020 to 2023 is on the active licenses. The previous year data contains mixed of licenses issued and active licenses.*

*Source: Department of Industry, MoICE.*

**Table 7.2: Number of Large and Medium Industries by Sector, 2019 - 2023**

Sector	As of June 2019	As of June 2020	As of June 2021	As of June 2022	As of June 2023
<b>Production &amp; manufacturing</b>	<b>358</b>	<b>261</b>	<b>269</b>	<b>289</b>	<b>293</b>
New licenses issued	44	16	37	20	4
Existing active licenses	314	245	232	269	289
<b>Services</b>	<b>538</b>	<b>441</b>	<b>397</b>	<b>424</b>	<b>473</b>
New licenses issued	93	36	12	27	49
Existing active licenses	445	405	385	397	424
<b>Contract</b>	<b>1,371</b>	<b>390</b>	<b>380</b>	<b>461</b>	<b>456</b>
New licenses issued	90	12	17	81	5
Existing active licenses	1,281	378	363	380	451
<b>All sectors</b>	<b>2,267</b>	<b>1,092</b>	<b>1,046</b>	<b>1,174</b>	<b>1,222</b>

Note: The data from June 2020 to 2023 is on the active licenses.

Source: Department of Industry, MoICE.

**Table 7.3: Number of Cottage and Small Industries by Sector, 2019 - 2023**

Sector	As of June 2019	As of June 2020	As of June 2021	As of June 2022	As of June 2023
<b>Production &amp; Manufacturing</b>	<b>2,660</b>	<b>2,584</b>	<b>2,497</b>	<b>3,086</b>	<b>3,392</b>
New licenses and RC issued	579	76	88	1,867	306
Existing active licenses and RC	2,081	2,508	2,409	1,219	3,086
<b>Services</b>	<b>17,744</b>	<b>17,578</b>	<b>16,991</b>	<b>21,104</b>	<b>24,948</b>
New licenses and RC issued	3,411	396	587	11,960	3,844
Existing active licenses and RC	14,333	17,182	16,404	9,144	21,104
<b>Contract</b>	<b>1,924</b>	<b>1,879</b>	<b>1,733</b>	<b>1,926</b>	<b>1,837</b>
New licenses and RC issued	214	45	145	114	89
Existing active licenses and RC	1,710	1,834	1,588	1,812	1,748
<b>All sectors</b>	<b>22,328</b>	<b>22,041</b>	<b>21,221</b>	<b>26,116</b>	<b>30,177</b>

Note: Entertainment data is clubbed with the service from 2021 publication.

Source: Department Industry, MoICE.

**Table 7.4: Number of Active Licensed Firms in Medium & Large Industry by Ownership, 2019 - 2023**

Year	Ownership	Production & Manufacturing	Services	Contract	Total
As of June 2023	Sole Proprietorship	104	303	292	699
	Partnership	16	32	0	48
	Company	171	138	164	473
	Others	2	0	0	2
As of June 2022	Sole Proprietorship	99	273	287	659
	Partnership	16	25	0	41
	Company	172	125	174	471
	Others	2	1	0	3
As of June 2021	Sole Proprietorship	98	259	230	587
	Partnership	16	23	0	39
	Company	152	114	149	415
	Others	3	1	1	5
As of June 2020	Sole Proprietorship	95	290	243	628
	Partnership	18	26	0	44
	Company	145	122	147	414
	Others	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
	Others	3	4	7	14

Note: The data from June 2019 to 2023 is on the active licenses.

Source: Department of Industry, MoICE.

**Table 7.5: Number of Active Licensed Firms in Cottage and Small Industry by Ownership, 2019- 2023**

Year	Ownership	Production & Manufacturing	Services	Contract	All Types
As of June 2023	Sole Proprietorship	3,223	24,433	1,832	29,488
	Partnership	77	225	0	302
	Company	57	231	5	293
	Others	35	59	0	94
As of June 2022	Sole Proprietorship	2,933	20,646	1,923	25,502
	Partnership	64	195	0	259
	Company	56	235	3	294
	Others	32	29	0	61
As of June 2021	Sole Proprietorship	2,369	16,528	1,723	20,620
	Partnership	55	183	1	239
	Company	49	249	9	307
	Others	24	31	0	55
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	35
	Partnership	59	204	0	263
	Company	38	211	27	276
	Others	26	38	0	64

Source: Department Industry, MoICE.

**Table 7.6: Number of Production and Manufacturing Firms by Size and Dzongkhag as of June 2023**

<b>Dzongkhag</b>	<b>Cottage</b>	<b>Small</b>	<b>Medium</b>	<b>Large</b>	<b>All Types</b>
Bumthang	73	80	2	0	155
Chhukha	151	109	50	30	340
Phuentsholing Thromde	28	49	31	22	130
Other than Phuentsholing Thromde	123	60	19	8	210
Dagana	58	41	1	2	102
Gasa	4	0	0	0	4
Haa	34	43	0	0	77
Lhuentse	36	6	0	0	42
Monggar	88	46	4	3	141
Paro	249	119	7	3	378
Pema Gatshel	67	13	3	6	89
Punakha	58	26	2	0	86
Samdrup Jongkhar	74	46	11	15	146
Samdrup Jongkhar Thromde	11	20	1	6	38
Other than Samdrup Jongkhar Thromde	63	26	10	9	108
Samtse	84	58	36	14	192
Sarpang	133	145	17	18	313
Gelephu Thromde	28	31	2	1	62
Other than Gelephu Thromde	105	114	15	17	251
Thimphu	689	268	29	7	993
Thimphu Thromde	469	155	3	2	629
Other than Thimphu Thromde	220	113	26	5	364
Trashigang	116	47	4	0	167
Trashi Yangtse	100	11	3	0	114
Trongsa	34	10	2	3	49
Tsirang	70	14	2	0	86
Wangdue Phodrang	91	39	15	3	148
Zhemgang	43	19	1	0	63
<b>Total</b>	<b>2,252</b>	<b>1,140</b>	<b>189</b>	<b>104</b>	<b>3,685</b>

*Note: The data from June 2020 and 2023 is on the active licenses.*

*Source: Department of Industry, MoICE.*

**Table 7.7: Number of Service Industries by Size and Dzongkhag as of June 2023**

<b>Dzongkhag</b>	<b>Cottage</b>	<b>Small</b>	<b>Medium</b>	<b>Large</b>	<b>All Types</b>
Bumthang	172	519	8	3	702
Chhukha	774	1,630	30	10	2,444
Phuentsholing Thromde	442	678	25	8	1,153
Other than Phuentsholing Thromde	332	952	5	2	1,291
Dagana	147	602	0	0	749
Gasa	20	84	0	0	104
Haa	97	185	7	1	290
Lhuentse	58	184	1	1	244
Monggar	168	712	4	0	884
Paro	665	1,331	72	23	2,091
Pema Gatshel	186	520	1	1	708
Punakha	270	610	22	10	912
Samdrup Jongkhar	250	739	5	2	996
Samdrup Jongkhar Thromde	122	218	4	2	346
Other than Samdrup Jongkhar Thromde	128	521	1	0	650
Samtse	403	1,369	7	1	1,780
Sarpang	428	1,824	9	2	2,263
Gelephu Thromde	253	493	5	0	751
Other than Gelephu Thromde	175	1,331	4	2	1,512
Thimphu	3,179	4,051	133	88	7,451
Thimphu Thromde	2,881	3,578	111	75	6,645
Other than Thimphu Thromde	298	473	22	13	806
Trashigang	85	588	2	1	676
Trashi Yangtse	212	221	1	0	434
Trongsa	96	383	5	0	484
Tsirang	126	392	2	0	520
Wangdue Phodrang	294	822	11	8	1,135
Zhemgang	117	435	1	1	554
<b>Total</b>	<b>7,747</b>	<b>17,201</b>	<b>321</b>	<b>152</b>	<b>25,421</b>

Source: Department of Industry, MoICE.



**Table 7.8: Number of Contract Firm by Size and Dzongkhag as of June 2023**

Dzongkhag	Cottage	Small	Medium	Large	All Types
Bumthang	0	45	8	2	55
Chhukha	0	165	23	18	206
Phuentsholing Thromde	0	44	16	13	73
Other than Phuentsholing Thromde	0	121	7	5	133
Dagana	0	80	3	0	83
Gasa	0	31	0	0	31
Haa	1	41	6		48
Lhuentse	0	36	5	2	43
Monggar	0	69	18	3	90
Paro	6	107	22	11	146
Pema Gatshel	0	42	6	3	51
Punakha	0	69	11	4	84
Samdrup Jongkhar	0	80	16	8	104
Samdrup Jongkhar Thromde	0	57	15	8	80
Other than Samdrup Jongkhar Thromde	0	23	1	0	24
Samtse	0	91	11	4	106
Sarpang	0	130	20	12	162
Gelephu Thromde	0	67	13	11	91
Other than Gelephu Thromde	0	63	7	1	71
Thimphu	14	471	81	77	643
Thimphu Thromde	12	428	78	75	593
Other than Thimphu Thromde	2	43	3	2	50
Trashigang	0	67	16	9	92
Trashi Yangtse	0	61	13	4	78
Trongsa	0	66	7	1	74
Tsirang	0	46	3	0	49
Wangdue Phodrang	0	69	13	4	86
Zhemgang	0	50	9	3	62
<b>Total</b>	<b>21</b>	<b>1,816</b>	<b>291</b>	<b>165</b>	<b>2,293</b>

Source: Department of Industry, MoICE.

Table 7.9: Number of Cottage and Small Industries by Type and Dzongkhag as of June 2023

Dzongkhag	Production & Manufacturing				Services	Contract	All Types
	Agro Based	Forest Based	Mineral Based	Other			
Bumthang	39	95	7	12	691	45	889
Chhukha	119	68	20	53	2,404	165	2,829
Phuentsholing Thromde	20	21	4	32	1,120	44	1,241
Other than Phuentsholing Thromde	99	47	16	21	1,284	121	1,588
Dagana	39	39	12	9	749	80	928
Gasa	3	1	0	0	104	31	139
Haa	13	55	3	6	282	42	401
Lhuentse	13	25	2	2	242	36	320
Monggar	27	84	8	15	880	69	1,083
Paro	97	187	25	59	1,996	113	2,477
Pema Gatshel	20	43	8	9	706	42	828
Punakha	37	27	4	16	880	69	1,033
Samdrup Jongkhar	24	63	11	22	989	80	1,189
Samdrup Jongkhar Thromde	8	9	2	12	340	57	428
Other than Samdrup Jongkhar Thromde	6	54	9	10	649	23	751
Samtse	53	42	19	28	1,772	91	2,005
Sarpang	100	83	33	62	2,252	130	2,660
Gelephu Thromde	15	6	4	29	746	67	867
Other than Gelephu Thromde	85	77	29	33	1,506	63	1,793
Thimphu	228	261	28	440	7,230	485	8,672
Thimphu Thromde	156	113	9	346	6,459	440	7,523
Other than Thimphu Thromde	72	148	19	94	771	45	1,149
Trashigang	48	76	17	22	673	67	903
Trashigang Thromde	6	99	1	5	433	61	605
Trongsa	19	19	4	2	479	66	589
Tsirang	40	38	4	2	518	46	648
Wangdue Phodrang	31	72	14	13	1,116	69	1,315
Zhemgang	20	33	5	4	552	50	664
<b>Total</b>	<b>976</b>	<b>1,410</b>	<b>225</b>	<b>781</b>	<b>24,948</b>	<b>1,837</b>	<b>30,177</b>

Source: Department of Industry, MoICE.

Table 7.10: Number of Large and Medium Industries by Type and Dzongkhag as of June 2023

Dzongkhag	Production & Manufacturing				Services	Contract	All Types
	Agro Based	Forest Based	Mineral Based	Other			
Bumthang	1	0	1	0	11	10	23
Chhukha	22	1	24	33	40	41	161
Phuentsholing Thromde	17	0	13	23	33	29	115
Other than Phuentsholing Thromde	5	1	11	10	7	12	46
Dagana	0	0	2	1	0	3	6
Gasa	0	0	0	0	0	0	0
Haa	0	0	0	0	8	6	14
Lhuentse	0	0	0	0	2	7	9
Monggar	2	1	3	1	4	21	32
Paro	5	0	2	3	95	33	138
Pema Gatshel	0	0	7	2	2	9	20
Punakha	2	0	0	0	32	15	49
Samdrup Jongkhar	5	3	11	7	7	24	57
Samdrup Jongkhar Thromde	2	1	1	1	6	23	34
Other than Samdrup Jongkhar Thromde	3	2	10	6	1	1	23
Samtse	14	4	24	8	8	15	73
Sarpang	10	1	11	13	11	32	78
Gelephu Thromde	1	1	0	1	5	24	32
Other than Gelephu Thromde	9	0	11	12	6	8	46
Thimphu	7	9	10	10	221	158	415
Thimphu Thromde	1	1	0	3	186	153	344
Other than Thimphu Thromde	6	8	10	7	35	5	71
Trashigang	1	0	2	1	3	25	32
Trashiyangtse	0	0	2	1	1	17	21
Trongsa	0	0	3	2	5	8	18
Tsirang	1	0	1	0	2	3	7
Wangdue Phodrang	3	0	13	2	19	17	54
Zhemgang	0	0	1	0	2	12	15
<b>Total</b>	<b>73</b>	<b>19</b>	<b>117</b>	<b>84</b>	<b>473</b>	<b>456</b>	<b>1,222</b>

Source: Department of Industry, MoICE.

**Table 7.11: Number of Foreign Direct Investment by Sector and Dzongkhag as of June 2023**

Dzongkhag	Production and Manufacturing				Services				Contract	All Types
	Agro	Forest	Mineral	others	financial services	Hotel	IT/ITES	other services		
Bumthang	1	0	0	0	0	3	1	0	0	5
Chhukha	1	0	5	4	0	0	0	0	0	10
Phuentsholing Thromde	1	0	0	0	0	0	0	0	0	1
Other than Phuentsholing Thromde	0	0	5	4	0	0	0	0	0	9
Dagana	0	0	0	1	0	0	0	0	0	1
Gasa	0	0	0	0	0	0	0	0	0	0
Haa	0	0	0	0	0	0	0	0	0	0
Lhuentse	0	0	0	0	0	0	0	0	0	0
Monggar	1	0	0	0	0	0	0	0	0	1
Paro	0	0	0	1	0	16	0	0	0	17
Pema Gatshel	0	0	0	0	0	0	0	0	0	0
Punakha	0	0	0	0	0	6	0	0	0	6
Samdrup Jongkhar	0	0	3	2	0	0	0	0	0	5
Samdrup Jongkhar Thromde	0	0	0	0	0	0	0	0	0	0
Other than Samdrup Jongkhar Thromde	0	0	3	2	0	0	0	0	0	5
Samtse	2	0	0	1	0	0	0	0	0	3
Sarpang	0	0	0	5	0	0	0	0	0	5
Gelephu Thromde	0	0	0	0	0	0	0	0	0	0
Other than Gelephu Thromde	0	0	0	5	0	0	0	0	0	5
Thimphu	3	1	1	1	7	6	19	3	0	41
Thimphu Thromde	0	0	0	1	7	5	19	3	0	35
Other than Thimphu Thromde	3	1	1	0	0	1	0	0	0	6
Trashigang	0	0	0	0	0	0	0	0	0	0
Trashhi Yangtse	0	0	0	0	0	0	0	0	0	0
Trongsa	0	0	0	0	0	0	0	0	0	0
Tsirang	0	0	0	0	0	0	0	0	0	0
Wangdue Phodrang	1	0	0	1	0	4	0	0	0	6
Zhemgang	0	0	0	0	0	1	0	0	0	1
<b>Total</b>	<b>9</b>	<b>1</b>	<b>9</b>	<b>16</b>	<b>7</b>	<b>36</b>	<b>20</b>	<b>3</b>	<b>0</b>	<b>101</b>

Source: Department of Industry, MoICE.

**Table 7.12: Number of Trade Licenses by Categories and Size, 2019 - 2023**

License Category	As of June 2019	As of June 2020	As of June 2021	As of June 2022	As of June 2023
<b>Micro Trade Registration Certificate</b>	<b>7,813</b>	<b>9,390</b>	<b>11,610</b>	<b>13,044</b>	<b>10,577</b>
<b>Retail Trade</b>	<b>5,873</b>	<b>6,979</b>	<b>9,422</b>	<b>12,789</b>	<b>12,545</b>
Large scale	53	35	58	517	467
Medium scale	79	62	120	688	560
Small scale	944	1,009	2,265	11,584	11,518
<b>Wholesale Trade</b>	<b>609</b>	<b>690</b>	<b>811</b>	<b>1,047</b>	<b>968</b>
<b>All sectors</b>	<b>14,295</b>	<b>17,059</b>	<b>21,843</b>	<b>26,880</b>	<b>24,090</b>

*Note: Scale for trading activities are categorized based on the annual sales turnover.*

*Source: Department of Trade, MoICE.*

**Table 7.13: Number of Trade Licenses by Categories, 2019 - 2023**

License Category	As of June 2019	As of June 2020	As of June 2021	As of June 2022	As of June 2023
<b>Micro Trade Registration Certificate</b>	<b>7,813</b>	<b>9,390</b>	<b>11,610</b>	<b>13,044</b>	<b>10,577</b>
New licenses issued	1,654	1,577	2,220	2,417	2,232
Existing active licenses	6,159	7,813	9,390	10,627	8,345
<b>Retail Trade</b>	<b>5,873</b>	<b>6,979</b>	<b>9,422</b>	<b>12,789</b>	<b>12,545</b>
New licenses issued	1,076	1,106	2,443	3,864	3,908
Existing active licenses	4,797	5,873	6,979	8,925	8,676
<b>Wholesale Trade</b>	<b>609</b>	<b>690</b>	<b>811</b>	<b>1,047</b>	<b>968</b>
New licenses issued	115	81	121	231	190
Existing active licenses	494	609	690	816	776
<b>All sectors</b>	<b>14,295</b>	<b>17,059</b>	<b>21,843</b>	<b>26,880</b>	<b>24,090</b>

*Source: Department of Trade, MoICE.*

**Table 7.14: Number of Trade Licenses by Dzongkhag as of June 2023**

<b>Dzongkhag</b>	<b>Micro Trade Registration Certificate</b>	<b>Retail Trade</b>	<b>Wholesale Trade</b>	<b>All Types</b>
Bumthang	229	214	13	456
Chhukha	919	1,302	197	2,418
Phuentsholing Thromde	241	973	176	1,390
Other than Phuentsholing Thromde	678	329	21	1,028
Dagana	460	231	14	705
Gasa	76	31	1	108
Haa	129	109	12	250
Lhuentse	117	110	14	241
Monggar	377	360	21	758
Paro	765	930	45	1,740
Pema Gatshel	187	341	24	552
Punakha	475	379	13	867
Samdrup Jongkhar	309	543	45	897
Samdrup Jongkhar Thromde	9	35	2	46
Other than Samdrup Jongkhar Thromde	300	508	43	851
Samtse	1,215	685	55	1,955
Sarpang	1,080	797	75	1,952
Gelephu Thromde	174	298	30	502
Other than Gelephu Thromde	906	499	45	1,450
Thimphu	2,242	5,149	339	7,730
Thimphu Thromde	1,990	2,490	141	4,621
Other than Thimphu Thromde	252	2,659	198	3,109
Trashigang	473	247	29	749
Trashi Yangtse	166	135	10	311
Trongsa	178	132	10	320
Tsirang	420	198	22	640
Wangdue Phodrang	542	504	15	1,061
Zhemgang	218	150	12	380
<b>Total</b>	<b>10,577</b>	<b>12,547</b>	<b>966</b>	<b>24,090</b>

Source: Department of Trade, MoICE.

**Table 7.15: Number of Establishments by Dzongkhag and Area, 2017**

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

Note: The Dzongkhag total includes four thromdes.

Source: Economic Census of Bhutan, 2018, NSB.

**Table 7.16: Number of Establishments by Thromde, 2017**

Thromde	Number	Percent
Thimphu	3,098	59.6
Phuentsholing	1,206	23.2
Gelephu	584	11.2
Samdrup Jongkhar	312	6.0
<b>Total</b>	<b>5,200</b>	<b>100</b>

Source: Economic Census of Bhutan, 2018, NSB.

**Table 7.17: Establishments by Economic Sector and Region, 2017**

<b>Economic sector</b>	<b>Central</b>	<b>Eastern</b>	<b>Western</b>	<b>Southern</b>	<b>All Regions</b>
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
<b>Total</b>	<b>812</b>	<b>2,495</b>	<b>5,531</b>	<b>5,159</b>	<b>13,997</b>

Source: Economic Census of Bhutan, 2018, NSB.



**Chapter 8****TRANSPORT AND COMMUNICATIONS**

Bhutan being a landlocked country is mostly dependent on the road network for transportation. Considering Bhutan's mountainous terrain, provision of road services is extremely difficult and costly. However, since the construction of the country's first road "Thimphu-Phuentsholing Highway", the national road network has expanded rapidly over the period of time. The expansion of the road network has played a vital role in connecting villages and towns and reducing the poverty rate. As of June 2023, Bhutan has a road network of 18,343.47 km.

The construction of roads led to the introduction of motor vehicles in the country. Motor vehicles were first introduced in Bhutan in 1962 and it continues to be the main form of transportation. In the beginning, the Bhutan Government Transport Service was mandated with transportation of goods and later on it was restructured to concentrate on passenger transport. In 1985, the process of privatization of passenger transport began on pilot basis and it was fully privatized by 1991. As of June 2022, there are 126,501 registered vehicles in Bhutan.

Druk Air, the national airline was founded in April 1981 and was commercialized in February 1983. Bhutan became a member of the International Civil Aviation Organization in 1989. In 2011, Druk Air Corporation started to provide domestic flight services in the country. Similarly, Bhutan Airlines became the first privately operated airline in the country since 2011. The Royal Bhutan Helicopter Services Limited (RBHSL) was incorporated as State Owned Enterprises on 9th July, 2015.

The first telephone network was established in 1963. 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. On 2<sup>nd</sup> June 1999, the country established its first television network and also started the Internet Services. Information and Communication Technology plays a major role in access to global information. Bhutan Telecom Limited, owned by the government and Tashi InfoComm Limited, a first private mobile company established in 2006 are the two companies providing telecommunication services in the country.

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 post office provided basic services and international mail was only exchanged with India. The express mail services were introduced into the domestic sector in 1966 and as its portfolio of services developed and improved over time, an International Express Mail Service (EMS) was introduced in July 1993. Bhutan became a member of the Universal Postal Union (UPU) and member of the Asian Pacific Postal Union (APPU) in 1983. As of 2022, there are in total 59 postal infrastructures in the country.

This chapter includes information on Roads and Bridges, vehicles registered and the driving licenses issued, Drukair, Bhutan Airline and the Royal helicopter services. It also includes the data on Fixed line connection, B-mobile and Tashi Cell, Postal infrastructures and courier services in the country.

**Table 8.1.1: Number and Length of Motorable Bridges by Type as of June 2023**

Type of Bridges	Number	Total Length (M)
Permanent Bridges		
Reinforced Concrete T Beam / T-Girder/Box Grid	64	1,275.30
Reinforced Cement Concrete Slab	36	637.75
Pre-Stressed Concrete	31	1,756.90
Reinforced Cement Concrete Arch	5	479.00
Composite	26	577.00
Steel Pony Truss	11	190.00
Steel Arch	11	1,059.25
Steel Hamilton	7	240.60
Steel Truss / Girder	16	1,390.40
Multicell Box Culvert	8	406.00
Temporary (semi-permanent) Bridges		
Bailey Bridges	162	5,481.33
Bailey Suspension Bridge	6	695.13
<b>Total</b>	<b>383</b>	<b>14,188.66</b>

Source: Bridge Division, Department of Surface Transport, MoIT.

Table 8.1.2: Number and Total Length of Motorable Bridges by Type and Dzongkhag as of June 2023

Dzongkhag	Composite		RCC Slab		RCC T-Beam/ Girder		RCC Arch		Multicell Box culvert		Pre-Stressed Concrete	
	Number	Total Length	Number	Total Length	Number	Total Length	Number	Total Length	Number	Total Length	Number	Total Length
Bumthang	1	40.00	2	15.50	8	152.00	0	0.00	0	0.00	0	0.00
Chhukha	1	9.00	1	126.00	2	44.00	0	0.00	2	80.00	6	507.55
Dagana	0	0.00	1	8.00	0	0.00	0	0.00	0	0.00	1	40.00
Gasa	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Haa	0	0.00	0	0.00	3	52.70	0	0.00	0	0.00	0	0.00
Lhuentse	0	0.00	3	30.00	1	16.00	0	0.00	0	0.00	0	0.00
Monggar	0	0.00	4	45.00	6	91.90	0	0.00	0	0.00	1	116.20
Paro	2	111.00	1	15.90	2	21.00	0	0.00	1	18.00	3	163.00
Pema Gatsel	0	0.00	0	0.00	5	117.00	1	118.00	0	0.00	0	0.00
Punakha	0	0.00	1	12.00	1	20.00	0	0.00	0	0.00	0	0.00
Samdrup Jongkhar	5	61.00	0	0.00	2	42.20	1	19.00	0	0.00	1	50.00
Samtse	0	0.00	1	170.00	2	45.00	0	0.00	0	0.00	0	0.00
Sarpang	8	78.00	2	19.20	5	64.00	0	0.00	5	308.00	6	301.15
Thimphu	2	49.00	5	48.00	9	239.00	2	222.00	0	0.00	3	75.00
Trashigang	1	35.00	3	26.05	5	138.00	0	0.00	0	0.00	1	30.00
Trashigang Yangtse	0	0.00	4	34.30	0	0.00	0	0.00	0	0.00	0	0.00
Trongsa	2	69.00	2	13.00	2	53.00	0	0.00	0	0.00	2	88.50
Tsirang	0	0.00	2	31.00	0	0.00	0	0.00	0	0.00	2	95.00
Wangdue Phodrang	1	45.00	2	24.00	4	63.80	1	120.00	0	0.00	4	162.50
Zhemgang	3	80.00	2	19.80	7	115.70	0	0.00	0	0.00	1	128.00
<b>Total</b>	<b>26</b>	<b>577.00</b>	<b>36</b>	<b>637.75</b>	<b>64</b>	<b>1,275.30</b>	<b>5</b>	<b>479.00</b>	<b>8</b>	<b>406.00</b>	<b>31</b>	<b>1,756.90</b>

(continued)

(Table 8.1.2 continued)

Dzongkhag	Steel Arch		Steel Truss/ Girder		Steel Pony Truss		Steel Hemilton		Bailey Suspension Bridge		Bailey Bridge	
	Number	Total Length	Number	Total Length	Number	Total Length	Number	Total Length	Number	Total Length	Number	Total Length
Bumthang	0	0.00	0	0.00	1	50.00	0	0.00	0	0.00	5	128.05
Chhukha	0	0.00	1	395.00	3	0.00	5	144.00	0	0.00	7	295.74
Dagana	1	95.20	0	57.60	1	0.00	0	0.00	0	0.00	9	185.98
Gasa	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	5	146.35
Haa	0	0.00	1	115.00	2	0.00	0	0.00	0	0.00	5	225.61
Lhuentse	1	70.00	0	0.00	0	0.00	0	0.00	0	0.00	15	475.62
Monggar	0	0.00	2	64.00	1	54.00	0	0.00	1	121.95	11	268.29
Paro	0	0.00	2	134.00	0	0.00	0	0.00	0	0.00	10	341.48
Pema Gatshel	0	0.00	1	50.00	0	0.00	0	0.00	0	0.00	7	222.55
Punakha	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	9	344.51
Samdrup Jongkhar	0	0.00	0	80.00	1	0.00	1	60.00	0	0.00	12	371.38
Samtse	1	175.00	1	35.00	0	0.00	1	36.60	3	353.66	14	710.36
Sarpang	1	70.00	1	120.00	0	0.00	0	0.00	0	0.00	6	326.27
Thimphu	2	126.00	1	40.00	0	0.00	0	0.00	0	0.00	7	158.52
Trashigang	0	0.00	1	90.00	0	0.00	0	0.00	1	109.76	10	320.15
Trashiyangtse	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6	225.63
Trongsa	0	0.00	3	133.60	1	43.00	0	0.00	1	109.76	8	240.84
Tsirang	1	86.00	0	0.00	0	0.00	0	0.00	0	0.00	2	67.08
Wangdue Phodrang	0	0.00	1	33.00	1	43.00	0	0.00	0	0.00	7	143.39
Zhemgang	4	437.05	1	43.20	0	0.00	0	0.00	0	0.00	7	283.53
<b>Total</b>	<b>11</b>	<b>1,059.25</b>	<b>16</b>	<b>1,390.40</b>	<b>11</b>	<b>190.00</b>	<b>7</b>	<b>240.60</b>	<b>6</b>	<b>695.13</b>	<b>162</b>	<b>5,481.33</b>

Source: Bridge Division, Department of Surface Transport, MoIT.

Table 8.1.3: Number of Pedestrian Bridges Constructed since 5th Five Year Plan by Dzongkhag as of June 2023

Dzongkhag	Plan periods										Total Constructed (I-XII)	Existing bridge as of present
	IV & before	V	VI	VII	VIII	IX	X	XI	XII			
Bumthang	1	7	3	4	2	2	1	0	2	22	17	
Chukha	3	5	1	3	4	2	4	2	0	24	17	
Dagana	3	4	2	5	4	4	6	1	1	30	25	
Gasa	0	0	2	2	2	1	0	1	1	9	3	
Haa	3	6	1	4	2	0	1	1	0	18	14	
Lhuentse	3	4	2	4	4	6	5	5	4	37	27	
Mongar	9	5	2	5	6	7	7	0	1	42	33	
Paro	3	8	3	2	2	2	3	1	3	27	23	
Pemagatshel	5	11	2	4	6	4	5	1	0	38	29	
Punakha	3	4	1	1	1	3	3	1	0	17	13	
Samdrup Jongkhar	7	11	6	3	3	3	7	3	0	43	25	
Samtse	9	15	2	1	4	2	6	4	5	48	36	
Sarpang	6	8	5	0	5	3	2	1	1	31	20	
Thimphu	1	1	3	3	0	4	2	4	0	18	15	
Tashigang	8	10	2	4	7	7	3	0	2	43	30	
Trashiyangtse	3	6	4	3	3	3	7	0	1	30	25	
Trongsa	4	6	3	4	1	2	2	2	0	24	16	
Tsirang	5	4	1	2	2	1	1	0	1	17	14	
Wangdue	2	10	5	3	2	3	2	0	0	27	22	
Zhemgang	1	5	4	4	5	6	4	3	0	32	26	
<b>Total</b>	<b>79</b>	<b>130</b>	<b>54</b>	<b>61</b>	<b>65</b>	<b>65</b>	<b>71</b>	<b>30</b>	<b>22</b>	<b>577</b>	<b>430</b>	

Notes: The provided data is as of April 2023.

Source: Suspension Bridge Section, Bridge Division, Department of Surface Transport, MoIT.

Table 8.1.4: Length of Roads by Type, 2019 - 2023

(Length in Km)

Type of Road	Asian Highway	Express-way	Primary National Highway	Secondary National Highway	Dzongkhag Road	Urban Road	Farm Road	Access Road <sup>1</sup>	All road
<b>As of June 2023</b>	<b>142.90</b>	<b>6.20</b>	<b>1,561.00</b>	<b>1,220.64</b>	<b>2,061.91</b>	<b>417.08</b>	<b>11,257.16</b>	<b>1,676.58</b>	<b>18,343.47</b>
Black topped	142.90	6.20	1,561.00	969.90	1,747.08	402.77	150.92	456.08	5,436.85
Non-black topped	0.00	0.00	0.00	250.74	314.83	14.31	11,106.24	1,220.50	12,906.62
<b>As of June 2022</b>	<b>142.90</b>	<b>6.20</b>	<b>1,528.18</b>	<b>1,162.64</b>	<b>2,072.86</b>	<b>417.08</b>	<b>11,257.16</b>	<b>1,682.92</b>	<b>18,127.03</b>
Black topped	142.90	6.20	1,528.18	978.65	1,198.26	402.77	150.92	456.08	4,721.05
Non-black topped	0.00	0.00	0.00	183.99	874.60	14.31	11,106.24	1,226.84	13,405.98
<b>As of June 2021</b>	<b>142.90</b>	<b>6.20</b>	<b>1,673.99</b>	<b>1,160.74</b>	<b>2,072.86</b>	<b>417.08</b>	<b>11,257.16</b>	<b>1,676.58</b>	<b>18,264.60</b>
Black topped	142.90	6.20	1,673.99	969.30	1,198.26	402.77	150.92	456.08	4,857.51
Non-black topped	0.00	0.00	0.00	191.44	874.60	14.31	11,106.24	1,220.50	13,407.09
<b>As of June 2020</b>	<b>...</b>	<b>6.20</b>	<b>1,682.59</b>	<b>1,152.14</b>	<b>2,071.16</b>	<b>417.08</b>	<b>11,257.16</b>	<b>1,677.78</b>	<b>18,264.10</b>
Black topped	...	6.20	1,682.59	937.65	1,163.38	402.77	150.92	456.48	4,799.99
Non-black topped	...	0.00	0.00	214.49	907.78	14.31	11,106.24	1,221.30	13,464.11
<b>As of June 2019</b>	<b>...</b>	<b>6.20</b>	<b>1,772.39</b>	<b>997.58</b>	<b>2,060.43</b>	<b>417.08</b>	<b>11,292.29</b>	<b>1,736.03</b>	<b>18,282.00</b>
Black topped	...	6.20	1,730.35	792.53	1,190.85	402.77	12.60	506.65	4,641.95
Non-black topped	...	0.00	42.04	205.05	869.59	14.31	11,279.69	1,229.38	13,640.06

Note: <sup>1</sup> 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 years.

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 while publishing the Road Classification and Network Information of Bhutan 2020.

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

d. Asian highway is included in primary national highway

Source: Design Division, Department of Surface Transport, MoIT.

Table 8.1.5: Length of Roads by Type and Dzongkhag as of June 2023

Dzongkhag	Express Way	Primary National Highway	Secondary National Highway	Dzongkhag Road	Thromde Roads	Farm Road	Access Road	All roads
Bumthang	0.00	86.78	67.00	17.80	1.70	181.44	106.25	460.97
Chukha	0.00	220.47	45.28	191.19	28.58	511.46	197.73	1,194.71
Dagana	0.00	17.60	173.77	97.12	1.50	715.23	49.55	1,054.77
Gasa	0.00	0.00	46.30	26.50	0.00	37.03	2.25	112.08
Haa	0.00	0.00	154.24	19.10	7.93	279.33	81.00	541.60
Lhuntse	0.00	0.00	104.50	97.12	0.77	580.40	151.13	933.92
Mongar	0.00	222.45	8.00	287.59	11.96	1,424.57	65.03	2,019.60
Paro	0.00	38.60	83.00	16.92	5.20	578.96	82.24	804.92
Pema Gatsel	0.00	106.60	119.00	169.83	0.00	816.00	42.26	1,253.69
Punakha	0.00	53.00	30.10	39.81	4.41	522.88	103.87	754.07
Samdrup Jongkhar	0.00	60.00	132.00	119.34	7.32	394.04	41.66	754.36
Samtse	0.00	55.00	128.50	113.40	8.25	940.33	15.50	1,260.98
Sarpang	0.00	151.00	0.00	107.16	15.82	616.95	166.66	1,057.59
Thimphu	6.20	37.50	7.15	65.17	281.80	139.31	252.70	789.83
Trashigang	0.00	116.90	16.00	256.50	6.60	841.19	28.75	1,265.94
Tashi Yangtse	0.00	45.00	0.00	71.45	8.72	524.90	27.79	677.86
Trongsa	0.00	146.50	36.00	36.85	0.62	333.20	9.79	562.96
Tsirang	0.00	61.00	2.30	79.51	3.30	646.23	21.31	813.65
Wangdue Phodrang	0.00	131.00	5.50	103.41	8.50	759.03	180.83	1,188.27
Zhemgang	0.00	154.50	62.00	146.14	14.10	414.70	50.28	841.72
<b>Total</b>	<b>6.20</b>	<b>1,703.90</b>	<b>1,220.64</b>	<b>2,061.91</b>	<b>417.08</b>	<b>11,257.16</b>	<b>1,676.58</b>	<b>18,343.47</b>

Source: Department of Surface Transport, MoT.

Table 8.2.1: Number of Registered Vehicles by Type and Region, 2019 - 2023

Region	Government								
	Heavy	Medium	Light	Two-Wheeler	Power Tiller	Tractor	Earth Moving Equipments	Electric Vehicle	Total
<b>As of June 2023</b>	<b>1,471</b>	<b>372</b>	<b>3,192</b>	<b>1,525</b>	<b>779</b>	<b>185</b>	<b>477</b>	<b>92</b>	<b>8,093</b>
Thimphu	628	97	1,871	493	558	89	171	73	3,980
Phuntsholing	682	196	784	660	19	26	128	19	2,514
Gelephu	81	27	229	129	88	26	111	0	691
Samdrup Jongkhar	63	36	208	231	64	40	52	0	694
Monggar	17	16	100	12	50	4	15	0	214
<b>As of June 2022</b>	<b>1,437</b>	<b>353</b>	<b>3,175</b>	<b>1,508</b>	<b>751</b>	<b>172</b>	<b>451</b>	<b>59</b>	<b>7,906</b>
Thimphu	624	90	1,866	489	550	81	163	46	3,909
Phuntsholing	664	192	775	659	19	22	119	13	2,463
Gelephu	79	22	227	120	68	26	109	0	651
Samdrup Jongkhar	57	36	207	228	64	39	50	0	681
Monggar	13	13	100	12	50	4	10	0	202
<b>As of June 2021</b>	<b>1,343</b>	<b>309</b>	<b>3,096</b>	<b>1,514</b>	<b>709</b>	<b>143</b>	<b>402</b>	<b>42</b>	<b>7,558</b>
Thimphu	584	67	1,774	483	512	76	161	29	3,686
Phuntsholing	612	172	790	669	15	22	98	13	2,391
Gelephu	77	23	231	122	68	11	103	0	635
Samdrup Jongkhar	57	34	211	230	64	32	39	0	667
Monggar	13	13	90	10	50	2	1	0	179
<b>As of June 2020</b>	<b>1,323</b>	<b>290</b>	<b>3,008</b>	<b>1,482</b>	<b>705</b>	<b>137</b>	<b>379</b>	<b>34</b>	<b>7,358</b>
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
<b>As of June 2019</b>	<b>1,293</b>	<b>279</b>	<b>2,895</b>	<b>1,431</b>	<b>702</b>	<b>132</b>	<b>360</b>	<b>26</b>	<b>7,118</b>
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

(continued)



(Table 8.2.1 continued)

Region	Private										
	Heavy	Medium	Light	Two-Wheeler	Power Tiller	Tractor	Earth Moving Equipments	Electric Vehicle	ICE Taxi	EV Taxi	Total
<b>As of June 2023</b>	<b>11,169</b>	<b>1,836</b>	<b>79,961</b>	<b>11,012</b>	<b>3,395</b>	<b>433</b>	<b>3,768</b>	<b>247</b>	<b>6,250</b>	<b>239</b>	<b>118,310</b>
Thimphu	3,062	565	48,408	4,379	2,932	140	1,326	203	4,105	209	65,329
Phuntsholing	6,897	962	21,971	3,842	71	169	1,812	28	1,199	24	36,975
Gelephu	574	209	4,982	1,233	128	85	252	10	631	5	8,109
Samdrup	499	50	2,691	1,206	244	29	253	1	118	0	5,091
Jongkhar											
Monggar	137	50	1,909	352	20	10	125	5	197	1	2,806
<b>As of June 2022</b>	<b>11,181</b>	<b>1,819</b>	<b>77,456</b>	<b>10,849</b>	<b>3,258</b>	<b>416</b>	<b>3,608</b>	<b>164</b>	<b>6,026</b>	<b>136</b>	<b>114,913</b>
Thimphu	3,047	550	46,712	4,253	2,797	130	1,293	134	3,982	125	63,023
Phuntsholing	6,925	964	21,563	3,822	71	168	1,720	20	1,123	8	36,384
Gelephu	575	208	4,735	1,226	127	80	237	5	615	2	7,810
Samdrup	498	48	2,622	1,202	244	28	245	0	113	0	5,000
Jongkhar											
Monggar	136	49	1,824	346	19	10	113	5	193	1	2,696
<b>As of June 2021</b>	<b>11,092</b>	<b>1,708</b>	<b>71,364</b>	<b>10,269</b>	<b>2,904</b>	<b>385</b>	<b>3,332</b>	<b>108</b>	<b>5,886</b>	<b>...</b>	<b>107,048</b>
Thimphu	2,913	495	42,559	3,836	2,439	113	1,185	87	3,887	...	57,514
Phuntsholing	7,056	943	20,632	3,749	72	165	1,648	16	1,108	...	35,389
Gelephu	547	185	4,091	1,170	131	70	201	4	598	...	6,997
Samdrup	473	48	2,530	1,200	243	28	199	0	106	...	4,827
Jongkhar											
Monggar	103	37	1,552	314	19	9	99	1	187	...	2,321
<b>As of June 2020</b>	<b>10,937</b>	<b>1,645</b>	<b>68,098</b>	<b>10,021</b>	<b>2,441</b>	<b>365</b>	<b>3,049</b>	<b>93</b>	<b>5,588</b>	<b>...</b>	<b>102,237</b>
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	470	48	2,479	1,214	243	28	182	0	102	...	4,766
Jongkhar											
Monggar	83	35	1,411	305	15	9	63	1	180	...	2,102
<b>As of June 2019</b>	<b>10,802</b>	<b>1,609</b>	<b>63,974</b>	<b>9,798</b>	<b>4,851</b>	<b>2,162</b>	<b>362</b>	<b>3,000</b>	<b>75</b>	<b>...</b>	<b>96,633</b>
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	451	50	2,358	1,236	95	245	29	174	0	...	4,638
Jongkhar											
Monggar	77	33	1,202	279	158	14	9	61	1	...	1,834

(continued)

(Table 8.2.1 continued)

Region	BHT			Diplomats/CD				All Types
	Light	Electric Vehicle	Total	Light	Two Wheeler	Electric Vehicle	Total	
<b>As of June 2023</b>	<b>38</b>	<b>1</b>	<b>39</b>	<b>47</b>	<b>10</b>	<b>2</b>	<b>59</b>	<b>126,501</b>
Thimphu	38	1	39	47	10	2	59	69,407
Phuntsholing	0	0	0	0	0	0	0	39,489
Gelephu	0	0	0	0	0	0	0	8,800
Samdrup Jongkhar	0	0	0	0	0	0	0	5,785
Monggar	0	0	0	0	0	0	0	3,020
<b>As of June 2022</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>9</b>	<b>2</b>	<b>46</b>	<b>122,865</b>
Thimphu	...	...	...	35	9	2	46	66,978
Phuntsholing	...	...	...	0	0	0	0	38,847
Gelephu	...	...	...	0	0	0	0	8,461
Samdrup Jongkhar	...	...	...	0	0	0	0	5,681
Monggar	...	...	...	0	0	0	0	2,898
<b>As of June 2021</b>	...	...	...	<b>32</b>	<b>6</b>	<b>2</b>	<b>40</b>	<b>114,646</b>
Thimphu	...	...	...	32	6	2	40	61,240
Phuntsholing	...	...	...	0	0	0	0	37,780
Gelephu	...	...	...	0	0	0	0	7,632
Samdrup Jongkhar	...	...	...	0	0	0	0	5,494
Monggar	...	...	...	0	0	0	0	2,500
<b>As of June 2020</b>	<b>37</b>	...	<b>37</b>	<b>27</b>	<b>3</b>	<b>1</b>	<b>31</b>	<b>109,663</b>
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
<b>As of June 2019</b>	<b>37</b>	...	<b>37</b>	<b>25</b>	<b>0</b>	<b>1</b>	<b>26</b>	<b>103,814</b>
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

Note: Excludes vehicles of armed forces.

Source: Bhutan Construction and Transport Authority, MoIT.

**Table 8.2.2 : Number of Driving Licenses Issued by Region and Category, 2019 - 2023**

Region	As of June 2019	As of June 2020	As of June 2021	As of June 2022	As of June 2023
Thimphu	68,363	72,261	75,513	87,042	113,660
Phuentsholing	17,109	18,323	19,083	21,785	28,726
Gelephu	18,067	19,012	19,871	21,629	26,481
Samdrup Jongkhar	11,576	11,973	12,087	12,628	14,462
Monggar	3,166	3,701	4,222	5,133	6,532
<b>Total</b>	<b>118,281</b>	<b>125,270</b>	<b>130,776</b>	<b>165,978</b>	<b>189,861</b>

Source: Bhutan Construction and Transport Authority, MoIT.

**Table 8.3.1: Number of Passengers Carried & Revenue Earned by Druk Air Flights and Area of Operation, 2018 - 2022**

Area of Operation	2018	2019	2020	2021	2022
<b>International</b>	<b>263,456</b>	<b>260,212</b>	<b>42,241</b>	<b>13,444</b>	<b>75,970</b>
Paro to Kolkata	12,622	15,835	2,397	1,520	4,860
Kolkata to Paro	12,472	14,595	2,430	1,130	4,630
Paro to Bangkok	34,260	33,902	5,883	1,269	14,877
Bangkok to Paro	30,914	32,016	5,517	824	10,854
Paro to Dhaka	7,275	7,803	1,030	0	295
Dhaka to Paro	7,694	8,010	1,016	0	327
Paro to Delhi	32,970	31,682	5,756	4,023	13,733
Delhi to Paro	33,128	32,267	5,441	4,175	12,535
Paro to Kathmandu	22,085	22,849	3,299	5	4,090
Kathmandu to Paro	22,290	23,156	3,037	0	3,981
Kathmandu to Delhi	1,031	1,884	91	0	0
Delhi to Kathmandu	766	1,866	60	0	0
Kolkata to Bangkok	1,060	0	0	0	0
Bangkok to Kolkata	2,418	0	97	0	0
Dhaka to Bangkok	0	0	0	0	0
Bangkok to Dhaka	0	0	0	0	0
Gaya to Bangkok	570	0	12	0	0
Bangkok to Gaya	325	0	5	0	0
Paro to Gaya	2,019	1,467	615	0	454
Gaya to Paro	1,686	1,250	799	0	166
Paro to Bagdora	2,318	2,159	307	39	440
Bagdora to Paro	2,960	2,740	567	391	470
Bagdora to Bangkok	2,691	1,519	71	0	490
Bangkok to Bagdora	2,329	1,423	644	0	348
Paro to Guwahati	2,429	3,879	456	0	194
Guwahati to Paro	2,199	3,663	402	0	227
Guwahati to Bangkok	1,738	0	0	0	0
Bangkok to Guwahati	1,527	0	0	0	0
Paro to Singapore	6,461	6,925	1,121	68	1,511
Singapore to Paro	8,497	7,065	705	0	1,019
Kolkata to Singapore	2,061	NA	NA	0	0
Singapore to Kolkata	1,942	NA	NA	0	0
Paro to Mumbai	0	NA	NA	0	0
Mumbai to Paro	0	NA	NA	0	0
Guwahati to Singapore	366	1,151	281	0	239
Singapore to Guwahati	353	1,106	202	0	230

(continued)

(Table 8.3.1 continued)

Area of Operation	2018	2019	2020	2021	2022
<b>Domestic</b>	<b>12,393</b>	<b>15,880</b>	<b>6,509</b>	<b>8,899</b>	<b>14,499</b>
Paro to Bumthang	4,161	4,268	717	342	1,107
Bumthang to Paro	4,489	4,332	638	320	874
Paro to Gelephu	339	821	306	0	27
Gelephu to Paro	282	601	253	0	28
Paro to Younphula	1,386	2,551	2,338	3,781	6,182
Younphula to Paro	1,462	2,962	2,173	4,300	6,210
Gelephu to Bumthang	0	0	0	0	0
Bumthang to Gelephu	0	0	0	0	0
Gelephu to Younphula	119	247	16	0	0
Younphula to Gelephu	128	98	56	0	0
Bumthang to Younphula	15	0	11	42	52
Younphula to Bumthang	12	0	1	114	19
<b>Others</b>	<b>...</b>	<b>9,819</b>	<b>0</b>	<b>0</b>	<b>2,253</b>
Charter	...	5,571	0	0	1,021
East Timor (DIL)	...	4,248	0	0	1,232
<b>Total Passengers</b>	<b>275,849</b>	<b>285,911</b>	<b>48,750</b>	<b>22,343</b>	<b>92,722</b>
<b>Revenue (Nu. in Million)</b>	<b>3,696</b>	<b>4,162</b>	<b>1,439</b>	<b>556</b>	<b>1,855</b>

Note: Revenue includes only total operating revenue.

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

Source: Druk Air Corporation Ltd., Department of Air Transport, MoIT.

**Table 8.3.2: Number of Flights Made by Druk Air and Area of Operation, 2018 - 2022**

Area of Operation	2018	2019	2020	2021	2022
<b>International</b>	<b>5,424</b>	<b>4,695</b>	<b>1,107</b>	<b>354</b>	<b>1,389</b>
Paro to Kolkata	349	241	55	27	93
Kolkata to Paro	348	241	55	27	95
Paro to Bangkok	530	457	133	78	195
Bangkok to Paro	530	452	133	78	184
Paro to Dhaka	196	151	34	0	15
Dhaka to Paro	196	151	34	0	15
Paro to Delhi	359	400	88	59	176
Delhi to Paro	360	401	87	59	177
Paro to Kathmandu	367	354	73	1	70
Kathmandu to Paro	366	354	73	1	72
Paro to Gaya	51	30	18	0	8
Gaya to Paro	42	29	18	0	9
Gaya to Bangkok	25	1	13	0	0
Bangkok to Gaya	16	0	13	0	0
Delhi to katmandu	43	135	32	0	0
kathmandu to Delhi	44	135	34	0	0
Bangkok to kolkata	150	0	1	0	0
Kolkata to Bangkok	149	0	1	0	0
Dhaka to Bangkok	0	0	0	0	0
Bangkok to Dhaka	0	0	0	0	0
Paro to Bagdora	105	105	22	8	44
Bagdora to Paro	104	104	22	8	42
Bagdora to Bangkok	105	87	12	0	41
Bangkok to Bagdora	104	86	13	0	41
Paro to Guwahati	122	191	24	0	17
Guwahati to Paro	120	191	24	0	17
Guwahati to Bangkok	95	0	0	0	0
Bangkok to Guwahati	95	0	0	0	0
Paro to Singapore	127	98	25	4	24
Singapore to Paro	127	99	25	4	20
Kolkata to Singapore	74	0	NA	0	0
Singapore to Kolkata	73	0	NA	0	0
Kolkata to Dhaka	0	0	0	0	0
Dhaka to Kolkata	0	0	0	0	0
Paro to Mumbai	0	0	NA	0	0
Mumbai to Paro	0	0	NA	0	0
Singapore to Guwahati	25	99	23	0	17
Guwahati to Singapore	27	99	22	0	17
Bangkok to Singapore	0	4	0	0	0

(continued)

(Table 8.3.2 continued)

Area of Operation	2018	2019	2020	2021	2022
<b>Domestic</b>	<b>880</b>	<b>1,230</b>	<b>393</b>	<b>406</b>	<b>566</b>
Paro to Bumthang	258	283	67	45	71
Bumthang to Paro	255	282	67	45	63
Paro to Gelephu	62	127	35	0	1
Gelephu to Paro	59	127	35	16	1
Gelephu to Bumthang	0	0	0	0	0
Bumthang to Gelephu	1	0	0	19	0
Paro to Younphula	70	139	82	140	212
Younphula to Paro	70	139	82	141	206
Gelephu to Younphula	27	75	7	0	0
Younphula to Gelephu	33	58	14	0	0
Bumthang to Younphula	25	0	2	0	10
Younphula to Bumthang	20	0	2	0	2
<b>Others</b>	<b>...</b>	<b>121</b>	<b>176</b>	<b>150</b>	<b>60</b>
Charter	...	85	152	76	28
East Timor (DIL)	...	36	0	0	17
Cargo flight	...	...	24	74	15
<b>All sectors</b>	<b>6,304</b>	<b>6,046</b>	<b>1,676</b>	<b>910</b>	<b>2,015</b>

Note: Total number of flights includes both the Aircrafts Airbus 319, 320 and ATR 42.

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

Cargo flight is segregated from International and Domestic categories from 2020.

Source: Druk Air Corporation Ltd., Department of Air Transport, MoIT.

**Table 8.3.3: Number of Passengers Carried & Revenue Earned by Bhutan Airline Flights and Area of Operation, 2018 - 2022**

Area of Operation	2018	2019	2020	2021	2022
Paro to Kolkata	15,842	20,871	1,884	0	704
Kolkata to Paro	13,379	18,795	57	0	567
Paro to Bangkok	16,818	15,249	1,604	23	3,498
Bangkok to Paro	15,979	14,518	575	0	1,779
Kolkata to Bangkok	7,113	7,759	1,420	0	1,703
Bangkok to Kolkata	6,316	6,042	1,342	0	355
Paro to Kathmandu	5,723	6,776	348	0	400
Kathmandu to Paro	5,110	6,493	1,441	0	367
Paro to Delhi	14,215	19,372	1,054	0	437
Delhi to Paro	13,990	19,333	1,398	0	0
Paro to Gaya	585	335	56	0	0
Gaya to Paro	560	460	0	0	0
Bangkok to Gaya	2,512	1,199	401	0	0
Gaya to Bangkok	2,149	1,006	332	0	0
Delhi to Kathmandu	932	794	19	0	10
Kathmandu to Delhi	1,319	721	16	0	13
<b>Others</b>					
Charter	...	...	1,375	88	1,125
<b>Total Passengers</b>	<b>122,542</b>	<b>139,723</b>	<b>13,322</b>	<b>111</b>	<b>10,958</b>
<b>Revenue (Nu. in Million)</b>	<b>1,332.000</b>	<b>1,432.000</b>	<b>128.000</b>	<b>13.740</b>	<b>286.690</b>

Source: Bhutan Airlines (Tashi Air Pvt. Ltd.), Department of Air Transport, MoIT.

**Table 8.3.4: Number of Flights Made by Bhutan Airline and Area of Operation, 2018- 2022**

Area of Operation	2018	2019	2020	2021	2022
Paro to Kolkata	316	349	41	0	704
Kolkata to Paro	312	342	40	0	567
Paro to Bangkok	354	338	59	4	3,498
Bangkok to Paro	346	338	56	4	1,779
Kolkata to Bangkok	268	269	40	0	1,703
Bangkok to Kolkata	263	262	39	0	355
Paro to Kathmandu	163	141	9	0	400
Kathmandu to Paro	147	130	11	0	367
Delhi to Paro	211	244	19	0	437
Paro to Delhi	206	244	19	0	0
Paro to Gaya	41	21	4	0	0
Gaya to Paro	41	23	5	0	0
Bangkok to Gaya	41	23	5	0	0
Gaya to Bangkok	41	21	4	0	0
Kathmandu to Delhi	96	64	7	0	10
Delhi to Kathmandu	80	68	8	0	13
Others					
Charter	...	...	15	2	1,125
Cargo Flight	...	...	30	10	9
<b>All sectors</b>	<b>2,926</b>	<b>2,877</b>	<b>411</b>	<b>20</b>	<b>10,967</b>

Source: Bhutan Airlines (Tashi Air Pvt. Ltd.), Department of Air Transport, MoIT.

**Table 8.3.5: Number of Flights Made by Type of Helicopter Services, 2018 - 2022**

Type of Services	2018	2019	2020	2021	2022
Medical Evacuations	157	153	83	109	137
Fire Fighting	20	0	2	2	0
Airlifting of relief materials during the flood	0	0	0	0	0
Aerial Works	14	67	17	96	42
<b>Chartered</b>	<b>546</b>	<b>648</b>	<b>360</b>	<b>607</b>	<b>706</b>
Tourist	164	219	26	0	61
Local	75	122	57	327	152
Local (RGoB)	73	56	60	0	108
Local (Highlanders/Subsidized)	234	251	217	280	385
<b>Total</b>	<b>737</b>	<b>868</b>	<b>462</b>	<b>814</b>	<b>885</b>

Source: Druk Air Corporation Ltd., Department of Air Transport, MoIT.

**Table 8.3.6: Number of passengers carried by Type of Helicopter Services and Revenue Earned, 2018 - 2022**

Type of Services	2018	2019	2020	2021	2022
Medical Evacuations	176	199	157	192	242
Fire Fighting	0	0	0	0	0
Airlifting of relief materials during the flood	0	0	0	0	0
<b>Chartered</b>	<b>973</b>	<b>2,029</b>	<b>312</b>	<b>1,755</b>	<b>1,996</b>
Tourist	477	804	95	0	198
Local	418	1,142	196	705	604
Local (RGOB)	78	83	21	594	250
Local (Highlanders/Subsidized)	780	771	745	456	944
Total	1,929	2,999	1,214	1,947	2,238
<b>Revenue (Nu. in Million)</b>	<b>172.920</b>	<b>161.450</b>	<b>79.760</b>	<b>89.640</b>	<b>136.419</b>

Note: Aerial Works included in local charter.

Source: Druk Air Corporation Ltd., Department of Air Transport, MoIT.

**Table 8.4.1: Number of Active Fixed Line connection by Dzongkhag, 2018- 2022**

Dzongkhag	2018	2019	2020	2021	2022
Bumthang	612	571	554	495	470
Chhukha	2,475	1,492	2,565	2,003	2,012
Dagana	176	170	142	140	134
Gasa	73	76	99	74	79
Haa	289	291	342	279	286
Lhuentse	134	141	156	130	128
Monggar	556	488	539	496	455
Paro	1,621	1,628	1,854	1,426	1,454
Pema Gatshel	214	216	226	175	178
Punakha	373	273	520	436	353
Samdrup Jongkhar	928	1,013	979	879	889
Samtse	560	584	523	419	414
Sarpang	985	957	968	748	776
Thimphu	10,525	11,159	11,008	10,006	9,873
Trashigang	637	597	610	537	506
Trashi Yangtse	189	190	203	193	195
Trongsa	375	478	382	301	298
Tsirang	217	227	221	175	211
Wangdue Phodrang	784	734	816	553	638
Zhemgang	292	296	280	215	217
<b>Total</b>	<b>22,015</b>	<b>21,581</b>	<b>22,987</b>	<b>19,680</b>	<b>19,566</b>

Note: Telephone is renamed as Active fixed line from 2021 publication.

Source: Bhutan Telecom Limited., Thimphu.



**Table 8.4.2: Number of Fixed line Calls and Revenue Earned, 2018 - 2022**

Type of Call	2018	2019	2020	2021	2022
<b>Fixed Line Trunk Circuit</b>	<b>2,362</b>	<b>1,606</b>	<b>4,916</b>	<b>4,583</b>	<b>4,598</b>
Integrated Services digital network user part(ISUP)	...	...	880	667	652
National	...	...	337	337	352
International	...	...	543	330	300
Primary rate access (PRA)	...	...	1,020	1,020	1,050
National	...	...	1,020	1,020	1,050
International	...	...	...	...	...
Session Initiation Protocol (SIP)	1,124	2,694	3,016	2,896	2,896
National	1,124	1,194	1,700	1,700	1,700
International	...	1,500	1,316	1,196	1,196
Connection Capacity	37,760	35,392	34,464	33,216	32,896
Fixed Line Connections	22,015	21,581	22,987	19,680	19,566
Domestic Calls	21,219,654	18,332,819	14,584,057	18,837,597	12,660,488
<b>International Calls <sup>1</sup></b>	<b>563,033</b>	<b>504,681</b>	<b>249,347</b>	<b>351,963</b>	<b>256,012</b>
India	482,296	420,968	211,746	208,496	81,655
Other	80,736	83,713	37,601	143,467	174,357
<b>Total calls</b>	<b>21,782,687</b>	<b>18,837,500</b>	<b>14,833,404</b>	<b>19,189,560</b>	<b>12,916,500</b>
<b>Revenue (Nu.in Million)</b>	<b>89.000</b>	<b>85.660</b>	<b>72.120</b>	<b>61.940</b>	<b>53.460</b>

Note: Till 2019, Fixed line Trunk circuit includes National ISUP and PRA. From 2020, it includes ISUP,PRA and SIP.

<sup>1</sup> 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 are from fixed line Calls only.

Connection capacity refers to total number of port available in a access gateway. For 2020, the data for "Fixed Line Trunk Circuit" is as of August 2021.

Source: Bhutan Telecom Limited.

**Table 8.4.3: Number of B-Mobile Subscribers, Calls, Internet and Revenue Earned, 2018 - 2022**

Details	2018	2019	2020	2021	2022
<b>B-Mobile Subscribers</b>	<b>437,152</b>	<b>454,212</b>	<b>466,796</b>	<b>465,104</b>	<b>471,999</b>
Active	...	...	423,020	429,025	442,811
Passive	...	...	43,776	36,079	29,188
Domestic Calls	...	...	25,409,169	542,404,035	490,627,422
<b>International Calls</b>	<b>...</b>	<b>...</b>	<b>386,446</b>	<b>5,050,613</b>	<b>3,247,847</b>
India	...	...	...	...	...
Others	...	...	...	...	...
<b>Internet (Mobile Data)</b>	<b>552,830</b>	<b>461,450</b>	<b>466,797</b>	<b>465,104</b>	<b>475,907</b>
3G	438,037	248,359	182,078	437,336	120,698
4G	105,175	160,109	246,847	...	352,078
GPRS/EDGE	...	45,744	37,872	27,768	3,131
<b>Internet (ISP)</b>	<b>9,618</b>	<b>7,238</b>	<b>4,501</b>	<b>7,921</b>	<b>5,509</b>
Broadband	8,846	6,085	2,597	2,777	1,399
Leased Line	772	1,153	1,904	5,144	4,110
<b>Revenue (Nu.in Million)</b>	<b>3,480.000</b>	<b>3,943.340</b>	<b>4,250.500</b>	<b>5,382.820</b>	<b>5,886.190</b>

Note: The figures for the domestic and international calls are minutes of calls.

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 are from mobile and internet services.

Source: Bhutan Telecom Limited.

**Table 8.4.4: Number of Tashicell Mobile Subscribers, Calls, Internet & Revenue Earned, 2018 - 2022**

Details	2018	2019	2020	2021	2022
<b>Mobile Subscribers</b>	<b>266,402</b>	<b>275,027</b>	<b>278,341</b>	<b>312,904</b>	<b>304,632</b>
Active	...	...	242,378	287,204	275,757
Passive	...	...	35,963	25,700	28,875
Domestic Calls	89,831,320	163,831,512	168,491,754	234,566,096	228,860,386
<b>International Calls</b>	<b>5,615,417</b>	<b>3,860,319</b>	<b>1,672,318</b>	<b>1,942,399</b>	<b>2,539,182</b>
India	5,489,939	3,771,004	1,631,133	...	2,454,754
Others	125,478	89,315	41,185	...	84,429
<b>Internet (Mobile Data)</b>	<b>232,415</b>	<b>246,764</b>	<b>262,407</b>	<b>299,150</b>	<b>297,877</b>
3G	171,742	50,455	46,533	32,616	21,612
4G	52,699	193,755	213,477	263,928	269,320
GPRS/EDGE	2,396	1,762	920	523	596
5G					4,296
Internet (ISP)	5,578	792	1,477	2,083	2,053
Leased Line	5,578	792	1,477	2,083	2,053
<b>Revenue (Nu. in Million )</b>	<b>1,344.000</b>	<b>1,539.000</b>	<b>1,823.000</b>	<b>2,042.740</b>	<b>2,418.338</b>

Notes: a. The figures for the domestic and international calls are counts not minutes of calls.

b. And the figures includes both prepaid and postpaid calls made.

c. EDGE/GPRS , 3G/4G/5G all are provided together while buying the sim. Your phone will have all this together and depending upon the area you are in, the connectivity will change accordingly.

d. Mobile subscribers includes all registered users till 2022 (Including both the active and passive users).

e. Revenue are from mobile & internet from 2016 onward.

Source: Tashi Infocomm Limited.

**Table 8.5.1: Number of Postal Infrastructures, 2018 - 2022**

Postal Infrastructure	2018	2019	2020	2021	2022
General Post Offices	4	4	4	4	4
Post Offices	39	38	38	38	38
Community Mail Offices	6	6	6	6	6
Fax Offices	43	43	43	43	11
<b>Total</b>	<b>92</b>	<b>91</b>	<b>91</b>	<b>91</b>	<b>59</b>

Note: Fax Offices are Post Offices having facsimile services, they are not different establishment.

Source: Bhutan Postal Corp. Ltd.

**Table 8.5.2: Number of Consignments by Type of Article and Revenue Earned, 2018 - 2022**

Type of Service	2018	2019	2020	2021	2022
<b>Domestic Mail</b>					
Ordinary mail	72,410	64,047	35,035	25,069	13145
Registered	56,273	43,912	55,630	69,488	64833
Parcel	21	64	25	4	7
Facsimile message	343	311	101	21	67
Newspapers	26,514	11,573	11,132	4,392	3641
Local urgent mail (LUM)	122,156	103,699	78,344	65,481	41758
Express mail service (EMS)	136,318	13,208	15,302	21,823	13711
<b>International Mail Dispatch</b>					
Ordinary mail	19,731	28,372	8,784	25,069	3471
Registered	4,693	4,318	1,260	557	428
Parcel	23	43	4	10	7
FedEx	2,176	251	30	150	264
TNT	140	53	43	87	7
Facsimile message	0	0	0	0	0
Post overnight courier (POC)	869	532	0	0	0
Door to door Courier (DTDC)	...	...	...	0	0
Express mail service (EMS)	9,415	10,709	5,939	11,573	11573
<b>International Mail Receipt</b>					
Ordinary mail	85,302	30,083	6,096	28,740	20118
Registered	25,104	32,266	16,065	31,250	8228
Parcel	3,500	4,153	2,244	3,306	1815
FedEx	8,298	2,434	1,267	3,524	2174
TNT	409	333	122	132	95
Facsimile message	0	0	0	...	0
Post overnight courier (POC)	1,676	1,543	0	0	0
Door to door Courier (DTDC)	...	...	70	0	0
Express mail service (EMS)	7,592	7,815	3,961	8,224	5864
<b>All Mail Items</b>	<b>582,963</b>	<b>359,719</b>	<b>0</b>	<b>298,900</b>	<b>191206</b>
<b>Revenue (Nu. in Million)</b>	<b>82.900</b>	<b>87.500</b>	<b>64.170</b>	<b>170.133</b>	<b>115.171</b>

*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 Corp. Ltd., Thimphu.*

**Table 8.5.3: Financial Services, Number and Value of Money Order by Type, 2018 - 2022**

Type	2018	2019	2020	2021	2022
<b>Total Money Orders (Sent)</b>					
Number of orders	5,532	2,046	2,114	270	187
Amount of orders (Nu. in million)	23.041	9.370	4.312	2.053	0.465
<b>Domestic Money Order (Receipt)</b>					
Number of orders	4,984	1,889	1,959	149	0
Amount of orders (Nu. in million)	16.792	7.345	2.164	0.710	0.000
<b>International Money Order Dispatched</b>					
Number of orders	548	157	155	121	0
Amount of orders (Nu. in million)	6.248	2.025	2.148	1.343	0.000
<b>International Money Order (Receipts)</b>					
Number of orders	0	0	0	0	0
Amount of orders (Nu. in million)	0.000	0.000	0.000	0.000	0.00
<b>Others</b>					
Number of pensioners	1,298	1,207	222	543	0
Amount of pensioners (Nu. in million)	57.409	41.900	0.680	1.490	0.000
<b>WUMT Receipts</b>					
Numbers	37,816	38,065	26,962	32,801	27,843
Amount (US \$ in Million)	14.570	14.210	815.785	826.961	879.253
<b>WUMT Sent</b>					
Numbers	129	6	1	1	0
Amount (US \$ in Million)	0.032	0.002	0.002	0.037	0.000

Note: WUMT refers to Western Union Money Transfer.

Source: Bhutan Postal Corp. Ltd.

Table 8.5.4: Number of Consignments by Courier Services, Type of Article and Revenue Earned, 2018 - 2022

Year	Courier Services	Inbound		Outbound		All Mail Items	Revenue (Nu. in Million)
		Documents (DOX)	World wide express (WPX)	Documents (DOX)	World wide express (WPX)		
2022	DHL Courier Service	...	...	...	...	...	...
	Drukbees Courier Service	NA	14,776	NA	NA	14,776	2,700
	Tamu worldwide shipping	NA	NA	NA	NA	NA	NA
2021	DHL Courier Service	8,102	4,801	2,869	424	16,196	2,100
	Drukbees Courier Service	NA	NA	NA	NA	NA	NA
	Tamu worldwide shipping	0	0	0	0	0	0,000
2020	DHL Courier Service	7,305	4,041	3,054	709	15,109	2,500
	Drukbees Courier Service	NA	5,957	NA	NA	5,957	4,500
	Tamu worldwide shipping	0	0	0	0	0	0,000
2019	DHL Courier Service	6,201	3,810	3,010	677	13,698	22,000
	Drukbees Courier Service	NA	15,193	NA	NA	15,193	14,100
	Tamu worldwide shipping	7	19	15	29	70	0,423
2018	DHL Courier Service	6,120	3,213	2,980	591	12,904	20,400
	Drukbees Courier Service	NA	10,839	NA	NA	10,839	19,100

**Table 8.5.5: Number of Import by Mode of Transport and Booking Type, Tamu Worldwide Shipping, 2022**

Inco-term	Sea cargo		Air Cargo	Road cargo	
	Full Cargo Loaded (FCL)	Lose Cargo Loaded (LCL)		Full Truck Load	Part Load
Ex-work	4	4	4	0	22
Freight On Board (FoB)	11	23	0	0	0
Cost Insurance Freight (CIF)	27	10	0	3	0
<b>Total</b>	<b>42</b>	<b>37</b>	<b>4</b>	<b>3</b>	<b>22</b>
<b>Revenue (Nu. in million)</b>	<b>31.059</b>				

source: Tamu Worldwide Shipping, Thimphu.

**Table 8.5.6: Number of Export by Mode of Transport and Booking Type, Tamu Worldwide Shipping, 2022**

Inco-term	Sea Cargo		Air Cargo	Road Cargo	
	Full Cargo Loaded (FCL)	Lose Cargo Loaded (LCL)		Full Truck Load	Part Load
Cost Insurance Freight (CIF)	0	1	0	0	0
Delivery Duty Unpaid (DDU)	0	2	1	0	0
Delivery Duty Paid (DDP)	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Revenue (Nu. in million)</b>	<b>2.384</b>				

Source: Tamu Worldwide Shipping, Thimphu.

Bhutan has an estimated hydropower potential of 36,900 MW with the potential of generating 154,000 gigawatt hours (GWh) of energy. At present, a total of six major hydropower plants are in operation. Four other hydropower plants are in various stages of construction and upon commissioning of these hydropower plants, an additional 2,938 MW of installed capacity would be achieved.

Almost all the households have access to electricity (99.71%) and over 95 percent of households in the country use electricity as the main source of energy for lighting (99.6%) and cooking (96.3%) (BLSS, 2022). Bhutan's total installed capacity is approximately 2.3 gigawatts (GW) out of which 99 percent of the country's installed capacity comes from hydropower plants and it accounts for 2,334 MW of the total installed capacity of 2,343 MW as of 2022.

Bhutan exports its surplus electricity to India and this has led to the high economic growth rates in the recent years. The economy of the country is largely driven by hydropower generation. Hydropower plants contribute significantly to the Gross Domestic Product (GDP), both during construction and operation phases. In 2022, the sector has contributed 13.40% to the GDP.

This chapter contains information on hydropower plant's installed capacity, electricity generation, plant capacity factor, details of transmission lines, category wise domestic consumption and royalty & subsidy.

**Table 9.1: Details of Domestic Electrical Energy Consumption, 2018 - 2022**

Details	Units	2018	2019	2020	2021	2022
Towns electrified	Numbers	44	46	48	47	45
Villages electrified	Numbers	4,065	4,006	4,510	4,505	4,455
Total Consumers	Number ('000)	193	202	214	222	233
Energy supply	MU	2,490.00	2,423.51	2,101.02	2,621.35	3,535.88
Energy Sales	MU	2,328.44	2,279.74	1,960.66	2,474.49	3,465.18
Revenue from Sales of energy	Nu. in million	5,279.741	5,203.051	4,614.246	5,403.190	8,044.730
Population	Numbers	734,374	741,672	748,931	756,131	763,249
Per capita energy consumption	kWh	3,390.64	3,267.63	2,805.35	3,466.80	4,632.67

Source: Annual Power System Information Report 2022, DoE, MoENR.

**Table 9.2: Consumption of Electricity by Type and Number of Consumer, 2022**

Type of Consumer	Energy Sales (MU)	% of Total Sales	Consumers
Rural Residential	161.29	4.65	128,111
Rural Cooperatives	0.50	0.01	489
Rural Micro Trade	2.84	0.08	1,484
Rural Community Lhakhangs	2.71	0.08	1,632
High Land Consumers	1.62	0.05	1,478
Urban	182.13	5.26	62,145
Religious Institutions	5.12	0.15	707
Cottage and Small Industries	8.03	0.23	1,783
Commercial	67.25	1.94	16,065
Industrial	8.71	0.25	462
Agriculture	2.39	0.07	3,190
Institutions	78.77	2.27	9,283
Street Lighting	5.49	0.16	716
Power House Auxiliaries	1.16	0.03	81
Temporary Connections	24.06	0.69	4,067
Total LV Bulk Consumption	70.34	2.03	683
Total MV Consumption	221.38	6.39	70
Total HV Consumption	2,621.39	75.65	19
<b>Gross Consumption (MU)</b>	<b>3,465.18</b>	<b>100.00</b>	<b>232,465</b>

Source: Annual Power System Information Report 2022, DoE, MoENR.



**Table 9.3: Total Electricity Generation and Supply by Hydro Power Plant, 2018 - 2022**

Details	2018	2019	2020	2021	2022
<b>Electricity Generation (MU)</b>	6,959.81	8,645.94	11,370.84	10,822.78	10,771.64
Chhukha hydro power Plant	1,704.0	1,687.7	1,837.2	1,966.3	1,915.9
Kurichu hydro power Plant	380.0	395.5	391.6	386.3	407.9
Basochu hydro power Plant	305.6	306.5	348.6	339.2	354.6
Tala hydro power Plant	4,185.0	4,535.7	5,031.9	4,619.8	4,539.0
Dagachhu hydro power Plant	366.0	400.3	518.3	501.8	449.8
Mangdechhu hydro power Plant	...	1,320.3	3,218.4	2,987.9	3,085.0
Other hydro power Plants	18.05	0.00	23.83	21.02	18.89
All diesel generators	0.0	0.0	0.0	0.0	0.0
Wind Energy	1.13	0.00	1.11	0.39	0.43
Solar	...	...	...	0.10	0.09
<b>Total Exports (MU)</b>	<b>4,580.86</b>	<b>6,146.60</b>	<b>9,259.65</b>	<b>8,075.50</b>	<b>7,482.69</b>
<b>Total Imports (MU)</b>	<b>133.98</b>	<b>96.37</b>	<b>81.83</b>	<b>98.04</b>	<b>203.92</b>
Import by Gencos	133.66	96.32	81.83	98.04	203.92
Import from WBSEB - BPC	0.26	0.00	0.00	0.00	0.00
Import from ASEB - BPC	0.06	0.05	0.00	0.00	0.00
<b>Total Energy Supply (MU)</b>	<b>2,490.00</b>	<b>2,423.51</b>	<b>2,101.02</b>	<b>2,574.21</b>	<b>3,662.96</b>
<b>Total Energy Sales (MU)</b>	<b>2,328.44</b>	<b>2,279.74</b>	<b>1,960.66</b>	<b>2,474.49</b>	<b>3,465.18</b>
<b>Energy Losses (MU)</b>	<b>161.56</b>	<b>143.77</b>	<b>140.36</b>	<b>99.72</b>	<b>197.79</b>
<b>Percentage Losses</b>	<b>6.49</b>	<b>5.93</b>	<b>6.68</b>	<b>3.87</b>	<b>5.40</b>
<b>Annual Peak Load (MW)</b>	<b>399.35</b>	<b>387.66</b>	<b>369.45</b>	<b>435.35</b>	<b>629.61</b>
<b>Length of HT Lines (33/11 KV) (km)</b>					
Overhead lines ACSR	6,554.40	6,400.12	6,439.36	6,586.77	6,620.48
Underground lines	119.40	126.94	148.64	149.77	148.94
Overhead ABC Conductor	142.23	180.09	183.32	184.45	178.74
<b>Length of LT Lines (km)</b>					
Overhead lines ACSR	1,576.69	1,578.56	1,544.64	1,544.64	865.07
Underground lines	320.00	404.11	382.96	382.96	385.66
Overhead ABC Conductor	9,037.85	9,069.79	7,931.36	8,108.59	8,317.16

*Note: Basochhu I and Basochhu II is clubbed together since both of them are under the same plant management and are counted as one plant.*

*Source: Annual Power System Information Report 2022, DoE, MoENR.*

Table 9.4: Annual Energy Generation and Installed Capacities by Hydro Power Plant, 2022

Generating Stations	Year of Commissioning	Installed Capacity & Unit		Installed Capacity (MW)	Peak Generation (MW)	Energy Generation (MU)	Plant Capacity Factor (Percent)
		(No. x MW)	(kW)				
<b>Large Hydroelectric plants</b>							
Chhukha Hydro power Plant	1986-88	4X84.0		336	137.21	1,915.92	65.09
Kurichhu Hydro power Plant	2001	4X15.0		60	66.00	407.92	77.61
Basochhu Hydro power Plant	2002 - 04	2X12.0+2X20		64	66.37	354.59	63.25
Tala Hydro power Plant	2006-07	6X170.0		1,020	1,122.00	4,539.01	50.80
Dagachhu Hydro power Plant	2015	2X63.0		126	126.00	449.83	40.75
Mangdechhu Hydro power Plant	2019	4X180		720	786.00	3,084.96	48.91
<b>Total</b>				<b>2,326</b>		<b>10,752.23</b>	
<b>Mini and Micro Hydel</b>			(No. x kW)			(MU)	
Jushina, Thimphu	1967	4x90		360		1.65	52.33
Hesothangkha, Wangdue	1972	3x100		300		0.53	20.12
Chenari, Tashigang	1972	3x250		750		0.00	0.00
Gidakom, Thimphu	1973	5x250		1,250		2.64	24.07
Khalanzi, Mongar	1976	3x130		390		1.66	48.60
Chumey, Bumthang	1988	3x500		1,500		4.33	32.98
Gangzur, Lhuentse	2000	2x60		120		0.09	8.56
Rukubji, Wangdue	1986-87	1x40		40		0.00	0.00
Tangsibji, Trongsa	1986-87	1x30		30		0.00	0.00
Sherablung, Trongsa	1986-87	1x50		50		0.00	0.00
Kuengarabten, Trongsa	1986-87	1x30		30		0.00	0.00
Tamzhing, Bumthang	1986-87	1x30		30		0.00	0.00
Ura, Bumthang	1986-87	1x50		50		0.05	10.59
Changchey, Tsirang	1991	2x100		200		0.49	28.15
Tingtibi, Zhemgang	1992	2x100		200		0.59	33.87
Darachhu, Dagana	1992	2x100		200		0.18	10.19
Lingzhi, Thimphu	1999	1x8		8		...	0.00
Rangjung, Tashigang	1996	2x1100		2,200		6.28	32.60
Rongchu, Lhuentse	2001	2x100		200		0.40	22.58
Chendebeji, Trongsa	2005	1x70		70		0.00	0.00
Sengor, Monggar	2007	1x100		100		0.00	0.00
Kekhar, Zhemgang		1x20		20		0.00	0.00
<b>Total</b>				<b>8,098</b>		<b>18.89</b>	

Source: Annual Power System Information Report 2022, DoE, MoENR.

Note: The total generation from mini &amp; micro hydels is exclusive of generation from Sengor hydel.

Table 9.5: Major Transmission Lines, 2022

Line Name	No. of Towers	400kV line		220kV Line		132kV line		66kV line length (KM)			Conductor type	Year of Commission-
		D/C	S/C	S/C	D/C	S/C	D/C	S/C	D/C	UG		
400kV Tala-Siliguri line-1 & 2	104	24.62	NA	NA	NA	NA	NA	NA	NA	NA	Twin Moose ACSR	2006
400kV Tala-Malbase-Siliguri line 4	48	49.53	NA	NA	NA	NA	NA	NA	NA	NA	Twin Moose ACSR	2006
400kV Puna-1-Alipurduar line-1 & 2	229	93.38	NA	NA	NA	NA	NA	NA	NA	NA	Twin Moose ACSR	2019
400kV Puna-1-Puna-2 line-1 & 2	34	13.02	NA	NA	NA	NA	NA	NA	NA	NA	Twin Moose ACSR	2019
400kV Puna-2-Alipurduar line-1 & 2	212	80.87	NA	NA	NA	NA	NA	NA	NA	NA	Twin Moose ACSR	2019
400kV Puna-2-Jigmeling line-1 & 2	147	64.98	NA	NA	NA	NA	NA	NA	NA	NA	Twin Moose ACSR	2019
400kV Mangdechhu-Jigmeling line-1 & 2	185	85.06	NA	NA	NA	NA	NA	NA	NA	NA	Twin Moose ACSR	2019
400kV Mangdechhu-Jigmeling line-3 & 4	185	84.65	NA	NA	NA	NA	NA	NA	NA	NA	Twin Moose ACSR	2019
400kV Jigmeling-Alipurduar line-1 & 2	12	4.75	NA	NA	NA	NA	NA	NA	NA	NA	Twin Moose ACSR	2019
220kV Chukha-Birpara line-1 & 2	97	NA	NA	35.78	NA	NA	NA	NA	NA	NA	Zebra ACSR	1986
220kV Chukha-Malbase line	95	NA	29.84	NA	NA	NA	NA	NA	NA	NA	Zebra ACSR	1989
220kV Malbase-Singhaon line	12	NA	2.61	NA	NA	NA	NA	NA	NA	NA	Zebra ACSR	2006
220kV Chukha-Semtokha line	144	NA	54.01	NA	NA	NA	NA	NA	NA	NA	Zebra ACSR	1989
220kV Rurichhu-Semtokha line	110	NA	44.90	NA	NA	NA	NA	NA	NA	NA	Zebra ACSR	2004
220kV Rurichhu-Tsirang line	114	NA	46.60	NA	NA	NA	NA	NA	NA	NA	Zebra ACSR	2008
220kV Malbase-Birpara line	6	NA	4.08	NA	NA	NA	NA	NA	NA	NA	Zebra ACSR	1989
220kV Malbase - Singhaon-Fdr-II	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	Zebra ACSR	2006
220kV Malbase-Samtse line	106	NA	NA	41.64	NA	NA	NA	NA	NA	NA	Zebra ACSR	2014
220kV Tsirang-Jigmeling line	69	NA	NA	30.57	NA	NA	NA	NA	NA	NA	Zebra ACSR	2013
220kV Dagachhu-Tsirang line	56	NA	NA	20.20	NA	NA	NA	NA	NA	NA	Zebra ACSR	2013
220kV Rurichhu-PHPA-1 LILO	3	NA	NA	0.50	NA	NA	NA	NA	NA	NA	Zebra ACSR	...
220kV Jigmeling-Pelirithang (Lodrai)	28	NA	NA	10.42	NA	NA	NA	NA	NA	NA	Zebra ACSR	2013
220kV Tshendagang-Dagapela LILO	20	NA	NA	4.40	NA	NA	NA	NA	NA	NA	Zebra ACSR	2013
132kV Kurichhu-Kilikhar line	28	NA	NA	NA	10.06	NA	NA	NA	NA	NA	Panther ACSR	2001
132kV Kilikhar-Kanglung line	81	NA	NA	NA	NA	29.71	NA	NA	NA	NA	Panther ACSR	2002
132kV Kilikhar-Tangmachhu line	114	NA	NA	NA	NA	42.80	NA	NA	NA	NA	Panther ACSR	2005
132kV Kurichhu-Nangkhor line	95	NA	NA	NA	NA	31.08	NA	NA	NA	NA	Panther ACSR	2001
132kV Nangkhor-Deothang line	60	NA	NA	NA	NA	23.30	NA	NA	NA	NA	Panther ACSR	2001
132kV Nangkhor-Nganglam line	102	NA	NA	NA	NA	33.79	NA	NA	NA	NA	Panther ACSR	2002
132kV Nganglam-Tintibi line	246	NA	NA	NA	NA	83.30	NA	NA	NA	NA	Panther ACSR	2002
132kV Gelephu-Pelirithang (Lodrai)	20	NA	NA	NA	NA	10.78	NA	NA	NA	NA	Panther ACSR	2002
132kV Pelirithang - Tintibi	122	NA	NA	NA	NA	34.96	NA	NA	NA	NA	Panther ACSR	2002
132kV Gelephu-Salakati line	1	NA	NA	NA	NA	0.10	NA	NA	NA	NA	Panther ACSR	1988
132kV Deothang-Motanga line	38	NA	NA	NA	NA	10.45	NA	NA	NA	NA	Panther ACSR	2007
132kV Motanga-Rangia line		NA	NA	NA	NA	0.00	NA	NA	NA	NA	Panther ACSR	2008

(Continued)

(Table 9.5 Continued)

Line Name	No. of Towers	400kV line		220kV Line		132kV line		66kV line length (KM)			Conductor type	Year of Commission-
		D/C	S/C	D/C	S/C	S/C	D/C	UG	D/C	Q/C		
132kV Tinibi-Yurmoo line	83	NA	NA	NA	32.63	NA	NA	NA	NA	NA	Panther ACSR	2008
132kV Motanga-Phuntshothang	61	NA	NA	NA	NA	21.63	NA	NA	NA	NA	Panther ACSR	2017
132kV Motanga-DML line	4	NA	NA	NA	0.49	NA	NA	NA	NA	NA	Panther ACSR	2019
132kV Merung-Corlung LILO	50	NA	NA	NA	NA	18.68	NA	NA	NA	NA	Panther ACSR	2019
132kV Kanglung-Phuntshothang line	111	NA	NA	NA	NA	51.44	NA	NA	NA	NA	Panther ACSR	2019
132kV Nganglam-Motanga line	94	NA	NA	NA	NA	34.92	NA	NA	NA	NA	Panther ACSR	2019
132kV Mangdechhu-Yurmoo line	7	NA	NA	NA	NA	1.86	NA	NA	NA	NA	Panther ACSR	2019
66kV Chhukha-Chumdo line	200	NA	NA	NA	NA	NA	36.98	NA	NA	NA	Dog ACSR	1983
66kV Chumdo-Khasadraphu		NA	NA	NA	NA	NA	4.78	NA	NA	NA	Dog ACSR	2005
66kV Khasadrapchu-Olakha		NA	NA	NA	NA	NA	11.74	NA	NA	NA	Dog ACSR	2005
66kV Khasadrapchu-Jemina	23	NA	NA	NA	NA	NA	NA	5.96	NA	NA	Dog ACSR	2005
66kV Chumdo-Paro line	84	NA	NA	NA	NA	NA	24.01	NA	NA	NA	Dog ACSR	1987
66kV Chumdo-Haa line	123	NA	NA	NA	NA	NA	33.40	NA	NA	NA	Dog ACSR	1987
66kV Watsa tie line	4	NA	NA	NA	NA	NA	0.50	NA	NA	NA	Dog ACSR	1987
66kV Olakha-Semtokha line	7	NA	NA	NA	NA	NA	1.65	NA	NA	NA	HTLS	1995
66kV Semtokha-Lobeysa line	81	NA	NA	NA	NA	NA	24.46	NA	NA	NA	Dog ACSR + HTLS	1986
66kV Rurichhu-Lobeysa line	76	NA	NA	NA	NA	NA	20.30	NA	NA	NA	Dog ACSR	1995
66kV Hebessa-Rurichhu line	14	NA	NA	NA	NA	NA	3.08	NA	NA	NA	Dog ACSR	1995
66kV Semtokha-Dechenchholing line	44	NA	NA	NA	NA	NA	11.88	NA	NA	NA	HTLS	2005
66kV Chukha-Gedu line	74	NA	NA	NA	NA	NA	20.40	NA	NA	NA	Dog ACSR	1989
66kV Gedu-Phuntsholing line	67	NA	NA	NA	NA	NA	16.70	NA	NA	NA	Dog ACSR	1983
66kV Phuntsholing-Gomtru line	95	NA	NA	NA	NA	NA	26.90	NA	NA	NA	Dog ACSR	1986
66kV Malbase-Phuntsholing line	23	NA	NA	NA	NA	NA	8.69	NA	NA	NA	Dog ACSR	2008
66kV Malbase-Pasakha multicircuit line	17	NA	NA	NA	NA	NA	NA	NA	3.41	NA	Dog ACSR	2008
66kV Samtse-Sibsoo line	95	NA	NA	NA	NA	NA	NA	26.96	NA	NA	Wolf ACSR	2013
66kV Samtse-Gomtru line	51	NA	NA	NA	NA	NA	NA	14.85	NA	NA	Wolf ACSR	2013
66kV Yurmoo-Trongsa line	73	NA	NA	NA	NA	NA	20.94	NA	NA	NA	Wolf ACSR	2008
66kV Yurmoo-Bunthang line	134	NA	NA	NA	NA	NA	34.86	NA	NA	NA	Wolf ACSR	2008
66kV Khasadrapchu - Olakha	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.00	UG	2013
66kV Pasakha Industrial Area	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.02	UG	2009
66kV Jirikha-Pangbesa LILO	9	NA	NA	NA	NA	NA	NA	1.95	NA	NA	Wolf ACSR	2018
66kV Jemina-Changedaphu LILO	35	NA	NA	NA	NA	NA	NA	10.20	NA	NA	Wolf ACSR	2019
66kV Dechenchholing-Gasa (Damji) line	201	NA	NA	NA	NA	NA	43.98	NA	NA	NA	Wolf ACSR	2019
66kV UG cable from SW31 to Dochula	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.70	UG	2021
<b>TOTAL</b>		<b>500.85</b>	<b>182.03</b>	<b>143.51</b>	<b>343.44</b>	<b>128.53</b>	<b>345.25</b>	<b>59.92</b>	<b>3.41</b>	<b>6.72</b>		

Note: D/C means Double circuit, S/C means Quad circuit, ACSR means Aluminium-conductor steel-reinforced and LILO means Line-in-Line-out.

Source: Annual Power System Information Report 2022, DoE, MoENR.

**Table 9.6: Monthly Revenue From Sale of Energy from Chhukha Power Plant, 2018 - 2022**

(Nu. in Million)

Month	2018			2019			2020		
	Export	Domestic	Total	Export	Domestic	Total	Export	Domestic	Total
January	31.759	104.359	136.118	6.670	94.580	101.240	34.520	92.950	127.470
February	0.000	90.794	90.794	16.910	78.340	95.250	0.000	84.620	84.620
March	0.000	94.343	94.343	78.430	84.570	163.000	5.430	85.190	90.620
April	59.434	74.175	133.609	336.980	67.140	404.110	207.420	58.830	266.250
May	313.917	58.551	372.468	353.700	60.320	414.020	500.430	51.460	551.890
June	456.012	55.957	511.969	317.760	55.310	373.080	739.310	45.970	785.280
July	796.415	63.077	859.493	734.210	60.610	794.820	835.410	52.000	887.410
August	801.807	66.155	867.962	758.090	58.150	816.240	840.830	48.280	889.110
September	694.072	62.165	756.236	704.650	60.570	765.210	809.920	48.960	858.880
October	356.914	70.740	427.654	603.140	62.120	665.260	705.120	51.360	756.480
November	139.108	91.190	230.298	225.030	79.100	304.130	331.590	73.760	405.350
December	38.327	99.500	137.827	96.090	92.600	188.690	96.090	94.480	190.570
<b>Total</b>	<b>3,687.767</b>	<b>931.006</b>	<b>4,618.772</b>	<b>4,231.660</b>	<b>853.410</b>	<b>5,085.050</b>	<b>5,106.070</b>	<b>787.860</b>	<b>5,893.930</b>

(continued)

(Table 9.6 continued)

Month	2021			2022		
	Export	Domestic	Total	Export	Domestic	Total
January	86.638	69.809	156.447	2.019	99.556	101.575
February	34.376	75.961	110.337	0.931	80.998	81.928
March	36.469	74.602	111.071	41.955	79.244	121.200
April	85.656	62.037	147.693	157.010	69.446	226.456
May	352.907	60.053	412.960	108.996	63.140	172.136
June	719.166	78.659	797.825	242.001	101.797	343.797
July	708.369	95.932	804.301	231.536	114.768	346.303
August	735.497	112.911	848.408	264.142	124.239	388.381
September	660.867	72.238	733.105	260.914	120.742	381.655
October	715.062	136.103	851.165	260.914	137.884	398.797
November	386.982	152.108	539.090	75.665	110.462	186.127
December	159.358	92.715	252.073	0.000	109.182	109.182
<b>Total</b>	<b>4,681.347</b>	<b>1,083.128</b>	<b>5,764.475</b>	<b>1,646.081</b>	<b>1,211.457</b>	<b>2,857.538</b>

Source: Annual Power System Information Report 2022, DoE, MoENR.

Table 9.7: Monthly Revenue From Sale of Energy From Tala Power Plant, 2018 - 2022

Month	2018			2019			2020		
	Export	Domestic	Total	Export	Domestic	Total	Export	Domestic	Total
January	4,023	208,929	212,952	-29,482	204,540	175,060	0,000	157,250	157,250
February	0,000	162,470	162,470	-16,719	178,720	162,000	0,000	145,740	145,740
March	6,302	185,210	191,512	20,760	214,780	235,540	0,000	169,290	169,290
April	0,000	230,481	230,481	145,530	313,650	459,180	87,210	141,110	228,320
May	343,612	205,619	549,231	416,290	217,100	633,390	585,580	149,480	735,060
June	618,366	183,444	801,811	420,870	185,940	606,810	1,033,040	140,500	1,173,540
July	1,380,342	247,046	1,627,387	1,252,950	235,480	1,488,430	1,431,290	139,770	1,571,060
August	1,379,606	271,485	1,651,091	1,292,650	298,880	1,591,540	1,441,540	133,430	1,574,970
September	1,161,336	208,128	1,369,464	1,227,020	317,220	1,544,240	1,397,800	116,910	1,514,710
October	384,362	205,439	589,801	710,260	265,840	976,100	806,640	121,980	928,620
November	114,357	203,831	318,188	215,200	204,910	420,100	293,320	110,120	403,440
December	3,482	222,716	226,198	35,490	229,890	265,370	107,550	138,470	246,020
<b>Total</b>	<b>5,395,787</b>	<b>2,534,798</b>	<b>7,930,586</b>	<b>5,690,819</b>	<b>2,866,950</b>	<b>8,557,760</b>	<b>7,183,970</b>	<b>1,664,050</b>	<b>8,848,020</b>

(continued)

(Table 9.7 continued)

(Nu. in Million)

Month	2021			2022		
	Export	Domestic	Total	Export	Domestic	Total
January	6.170	188.220	194.390	0.000	0.000	0.000
February	0.000	119.330	119.330	0.000	0.000	0.000
March	0.000	155.480	155.480	9.585	101.535	111.120
April	0.000	155.060	155.060	29.105	158.311	187.417
May	404.260	142.250	546.510	80.103	162.952	243.054
June	962.590	151.640	1,114.230	386.588	121.593	508.181
July	1,040.600	149.120	1,189.720	474.606	133.417	608.023
August	1,195.030	161.220	1,356.250	551.157	139.548	690.705
September	1,082.980	204.980	1,287.960	534.773	129.800	664.572
October	834.510	154.900	989.410	318.779	168.159	486.938
November	320.930	187.330	508.260	0.000	232.187	232.187
December	8.410	288.340	296.750	0.000	176.385	176.385
<b>Total</b>	<b>5,855.480</b>	<b>2,057.870</b>	<b>7,913.350</b>	<b>2,384.695</b>	<b>1,523.887</b>	<b>3,908.583</b>

Source: Annual Power System Information Report 2022, DoE, MoENR.

Table 9.8: Monthly Revenue From Sale of Energy From Kurichu Power Plant, 2018 - 2022

Month	2018			2019			2020			2021			2022		
	Export	Domestic	Total	Export	Domestic	Total	Export	Domestic	Total	Export	Domestic	Total	Export	Domestic	Total
	(Nu.in Million)	(Nu.in Million)	(Nu.in Million)	(Nu.in Million)	(Nu.in Million)	(Nu.in Million)	(Nu.in Million)	(Nu.in Million)	(Nu.in Million)	(Nu.in Million)	(Nu.in Million)	(Nu.in Million)	(Nu.in Million)	(Nu.in Million)	(Nu.in Million)
January	0.000	23.778	23.778	0.000	21.408	21.408	0.000	39.340	39.340	0.000	21.417	21.417	0.917	14.354	15.271
February	0.000	19.986	19.986	0.000	18.593	18.593	0.000	17.970	17.970	0.000	41.089	41.089	0.010	12.670	12.680
March	0.000	27.120	27.120	0.000	26.426	26.426	0.000	41.500	41.500	0.000	43.699	43.699	0.038	24.443	24.481
April	0.000	37.292	37.292	0.000	47.327	47.327	0.000	38.050	38.050	0.000	27.511	27.511	0.000	33.940	33.940
May	10.975	55.143	66.118	19.029	57.593	76.622	28.590	42.500	71.090	9.491	49.651	59.142	0.000	38.234	38.234
June	27.006	51.902	78.908	28.665	49.713	78.379	37.090	38.140	75.230	14.020	54.957	68.977	0.000	46.474	46.474
July	35.632	49.828	85.460	33.734	48.891	82.625	35.630	44.600	80.230	21.257	53.707	74.964	0.000	47.016	47.016
August	24.958	54.528	79.487	30.639	54.327	84.966	29.970	46.510	76.480	21.579	52.754	74.333	0.000	48.508	48.508
September	30.932	50.378	81.309	32.608	49.618	82.227	36.730	42.220	78.950	18.077	51.849	69.926	0.000	45.637	45.637
October	8.712	57.550	66.263	22.773	48.406	71.179	29.990	42.090	72.080	15.072	55.670	70.742	46.385	27.055	73.440
November	0.000	37.917	37.917	0.000	35.876	35.876	0.000	35.470	35.470	0.000	39.803	39.803	0.000	26.538	26.538
December	0.000	27.457	27.457	0.000	25.770	25.770	0.000	32.620	32.620	0.000	27.694	27.694	0.000	18.337	18.337
<b>Total</b>	<b>138.215</b>	<b>492.881</b>	<b>631.097</b>	<b>167.449</b>	<b>483.947</b>	<b>651.397</b>	<b>198.000</b>	<b>461.010</b>	<b>659.010</b>	<b>99.496</b>	<b>519.801</b>	<b>619.297</b>	<b>47.351</b>	<b>383.205</b>	<b>430.556</b>

Source: Annual Power System Information Report 2022, DoE, MoENR.



Table 9.9: Monthly Revenue From Sale of Energy From Dagachu Power Plant, 2018 - 2022

Month	2018			2019			2020		
	Export	Domestic	Total	Export	Domestic	Total	Export	Domestic	Total
January	41.131	0.000	41.131	38.453	0.000	38.453	48.710	0.000	48.710
February	31.019	0.000	31.019	32.281	0.000	32.281	39.190	0.000	39.190
March	38.328	0.000	38.328	38.415	0.000	38.415	42.480	0.000	42.480
April	18.124	0.000	18.124	49.252	0.000	49.252	41.420	0.000	41.420
May	58.921	0.000	58.921	61.613	0.000	61.613	106.610	0.000	106.610
June	132.812	0.000	132.812	87.816	0.000	87.816	193.280	0.000	193.280
July	217.475	0.000	217.475	229.431	0.000	229.431	284.960	0.000	284.960
August	262.999	0.000	262.999	247.225	0.000	247.225	285.830	0.000	285.830
September	207.164	0.000	207.164	253.918	0.000	253.918	257.300	0.000	257.300
October	96.097	0.000	96.097	177.718	0.000	177.718	196.090	0.000	196.090
November	59.290	0.000	59.290	85.403	0.000	85.403	99.740	0.000	99.740
December	47.392	0.000	47.392	59.020	0.000	59.020	70.880	0.000	70.880
<b>Total</b>	<b>1,210.754</b>	<b>0.000</b>	<b>1,210.754</b>	<b>1,360.545</b>	<b>0.000</b>	<b>1,360.545</b>	<b>1,666.490</b>	<b>0.000</b>	<b>1,666.490</b>

(Nu. in Million)

(continued)

(Table 9.9 continued)

(Nu. in Million)

Month	2021			2022		
	Export	Domestic	Total	Export	Domestic	Total
January	54.710	0.480	55.190	20.354	0.398	20.752
February	41.930	0.360	42.290	17.850	0.355	18.205
March	42.430	0.370	42.800	20.627	0.396	21.023
April	35.960	0.310	36.270	17.123	0.327	17.450
May	75.140	0.590	75.730	25.731	0.356	26.087
June	179.500	1.540	181.040	64.882	1.107	65.989
July	286.000	2.480	288.480	75.828	1.241	77.069
August	276.810	2.320	279.130	67.275	1.373	68.648
September	249.020	2.120	251.140	73.171	1.270	74.441
October	201.670	1.720	203.390	58.653	1.090	59.743
November	136.000	1.180	137.180	31.244	1.466	32.710
December	85.540	0.730	86.270	21.364	0.425	21.789
<b>Total</b>	<b>1,664.710</b>	<b>14.200</b>	<b>1,678.910</b>	<b>494.102</b>	<b>9.803</b>	<b>503.905</b>

Source: Annual Power System Information Report 2022, DoE, MoENR.

**Table 9.10: Monthly Revenue From Sale of Energy From Mangdechhu Power Plant, 2019 - 2022**

(Nu. in Million)

Month	2019			2020			2021			2022		
	Export	Domestic	Total	Export	Domestic	Total	Export	Domestic	Total	Export	Domestic	Total
January	...	...	...	315.800	0.000	315.800	343.080	3.420	346.500	26.654	197.525	224.179
February	...	...	...	146.000	0.000	146.000	266.790	2.530	269.320	25.573	158.110	183.683
March	...	...	...	337.190	0.000	337.190	388.370	3.460	391.830	157.357	254.144	411.501
April	...	...	...	567.320	0.000	567.320	447.730	4.710	452.440	409.041	264.359	673.401
May	...	...	...	1,288.180	0.000	1,288.180	1,038.890	10,970	1,049,860	425.541	267.161	692.702
June	93.260	0.00	93.260	1,788.440	0.000	1,788.440	1,617.990	16,950	1,634,940	1,074.052	275.727	1,349.779
July	785.399	0.00	785.399	2,186.160	0.000	2,186.160	1,749.360	18,380	1,767,740	1,180.210	301.092	1,481.302
August	1,133.870	0.00	1,133.870	2,219.100	0.000	2,219.100	1,998.490	23,010	2,021,500	1,368.195	319.315	1,687.510
September	1,389.527	0.00	1,389.527	1,939.430	0.000	1,939.430	1,982.300	21,550	2,003,850	1,343.456	303.252	1,646.708
October	1,044.863	0.00	1,044.863	1,159.130	0.000	1,159.130	1,211.990	11,660	1,223,650	1,159.328	337.920	1,497.248
November	504.673	0.00	504.673	582.720	0.000	582.720	645.860	5,390	651,250	258.875	371.247	630.122
December	393.642	0.00	393.642	419.630	0.000	419.630	443.570	3,570	447,140	54.410	378.315	432.725
<b>Total</b>	<b>5,345.234</b>	<b>0.00</b>	<b>5,345.234</b>	<b>12,949.100</b>	<b>0.000</b>	<b>12,949.100</b>	<b>12,134.420</b>	<b>125,600</b>	<b>12,260.020</b>	<b>7,482.692</b>	<b>3,428.166</b>	<b>10,910.858</b>

Source: Annual Power System Information Report 2022, DoE, MoENR.

**Table 9.11: Annual Total Energy Subsidy and Royalty, 2018 - 2022**

<b>Subsidy/Royalty</b>	<b>Units</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
Total Subsidy Energy*	MU	632.41	674.12	631.21	677.47	633.28
Total Subsidy Amount*	Nu.in Million	1790.330	1765.998	1409.047	1448.560	1237.376
Royalty Energy	MU	836.34	1128.39	1575.73	1556.43	1564.57
Royalty Amount	Nu.in Million	1886.574	2796.547	4162.184	3961.470	4002.131
Rural Subsidy Energy (free 100 unit)	MU	80.26	84.37	90.69	92.64	97.24
Rural Subsidy Amount	Nu.in Million	406.115	426.905	458.916	468.782	431.220
Highlander Subsidy Energy (free 200 units)	MU	0.00	0.13	0.84	0.96	0.98
Highlander Subsidy Amount	Nu.in Million	0.000	0.635	4.260	4.864	4.237

*Note: \* The Subsidy energy and the Subsidy amount is inclusive of the subsidy energy and amount for the Rural and Highlanders.*

*Source: Annual Power System Information Report 2022, DoE, MoENR.*

**Chapter 10****TOURISM**

The tourism industry in Bhutan began in 1974. The government agency, erstwhile Bhutan Tourism Corporation, controlled tourism until its privatization in 1991. The tourism industry in Bhutan enjoyed continued growth rate with the tourist arrivals in the country rising steadily during the 1990s through 2000. 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. 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 60<sup>th</sup> 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 spring (March, April and May) and autumn (September, October and November).

This chapter presents key indicators/statistics on number of visitor arrivals, considered as an immediate tangible yardstick to measure the performance of the industry. The chapter also captures information on Foreign Exchange Earnings contributed by tourism industry to the economy.

**Concepts and Definitions:**

**Average length of stay by tourist:** Refers to average periods stayed in Bhutan. Measured in nights.

**Table 10.1: Number of Annual International Tourist Arrivals by Country of Nationality and Region, 2018 - 2022**

Country	2018	2019	2020	2021	*2022
<b>AFRICA</b>	<b>135</b>	<b>307</b>	<b>25</b>	<b>0</b>	<b>19</b>
<b>East Africa</b>	<b>16</b>	<b>110</b>	<b>5</b>	<b>0</b>	<b>5</b>
Burundi	0	1	0	0	0
Ethiopia	0	19	1	0	0
Kenya	12	22	0	0	0
Madagascar	0	1	0	0	0
Malawi	0	4	0	0	3
Mauritius	0	19	0	0	2
Mozambique	1	4	0	0	0
Rwanda	0	1	0	0	0
Seychelles	0	0	2	0	0
Tanzania	2	8	1	0	0
Uganda	0	20	0	0	0
Zimbabwe	1	11	1	0	0
<b>Central Africa</b>	<b>1</b>	<b>20</b>	<b>1</b>	<b>0</b>	<b>0</b>
Angola	0	3	0	0	0
Cameroon	0	10	1	0	0
Chad	1	5	0	0	0
Other countries of Central Africa	0	1	0	0	0
Congo	0	1	0	0	0
<b>North Africa</b>	<b>6</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>3</b>
Algeria	1	2	0	0	1
Morocco	5	5	0	0	1
Sudan	0	5	0	0	1
Tunisia	0	5	0	0	0
<b>South Africa</b>	<b>99</b>	<b>120</b>	<b>15</b>	<b>0</b>	<b>10</b>
Lesotho	0	4	0	0	0
Namibia	1	2	1	0	0
South Africa	98	102	14	0	10
Swaziland	0	12	0	0	0
<b>West Africa</b>	<b>13</b>	<b>40</b>	<b>4</b>	<b>0</b>	<b>1</b>
Cote d'Ivoire	0	5	2	0	0
Burkina Faso	0	5	0	0	0
Ghana	0	8	1	0	0
Guinea	0	0	0	0	1
Liberia	0	1	0	0	0
Mali	0	1	0	0	0
Mauritania	12	1	0	0	0
Niger	0	1	0	0	0

*(continued)*

(Table 10.1 continued)

Country	2018	2019	2020	2021	*2022
Nigeria	1	13	1	0	0
Senegal	0	2	0	0	0
Sierra Leone	0	2	0	0	0
Togo	0	1	0	0	0
<b>AMERICAS</b>	<b>14,109</b>	<b>15,099</b>	<b>1,445</b>	<b>0</b>	<b>2,877</b>
<b>Caribbean</b>	<b>18</b>	<b>23</b>	<b>5</b>	<b>0</b>	<b>6</b>
Antigua and Barbuda	1	0	0	0	0
Bahamas	1	0	0	0	0
Barbados	1	1	0	0	0
Cuba	0	1	1	0	0
Curacao	0	0	0	0	0
Dominica	2	3	1	0	0
Dominican Republic	0	0	0	0	3
Grenada	0	3	1	0	1
Haiti	0	3	0	0	0
Jamaica	5	1	1	0	0
Saint Kitts and Nevis	5	4	0	0	1
Trinidad and Tobago	3	7	1	0	1
<b>Central America</b>	<b>68</b>	<b>55</b>	<b>9</b>	<b>0</b>	<b>7</b>
Belize	1	0	0	0	0
Costa Rica	45	26	0	0	6
El Salvador	6	5	0	0	0
Guatemala	9	16	9	0	0
Honduras	3	2	0	0	0
Nicaragua	0	2	0	0	0
Panama	4	4	0	0	1
<b>North America</b>	<b>12,774</b>	<b>13,952</b>	<b>1,292</b>	<b>1</b>	<b>2,718</b>
Canada	1,807	1,870	135	0	275
Mexico	406	375	71	0	24
United States of America	10,561	11,707	1,086	1	2,419
<b>South America</b>	<b>1,249</b>	<b>1,069</b>	<b>139</b>	<b>0</b>	<b>146</b>
Argentina	205	124	24	0	8
Bolivia, Plurinational State of	1	10	1	0	0
Brazil	810	681	96	0	117
Chile	130	103	10	0	1
Colombia	57	71	5	0	14
Ecuador	3	10	0	0	0
Falkland Islands (Malvinas)	0	0	1	0	0
Guyana	0	2	0	0	0
Paraguay	0	12	0	0	0
Peru	25	28	0	0	4

(continued)

(Table 10.1 continued)

Country	2018	2019	2020	2021	*2022
Surinam	0	3	0	0	0
Uruguay	10	10	1	0	1
Venezuela	8	15	1	0	1
<b>EAST ASIA AND THE PACIFIC</b>	<b>29,713</b>	<b>33,290</b>	<b>2,783</b>	<b>0</b>	<b>3,644</b>
<b>North-East Asia</b>	<b>12,052</b>	<b>13,548</b>	<b>1,259</b>	<b>0</b>	<b>275</b>
China	6,878	7,564	726	0	164
Japan	2,674	3,010	275	0	29
Korea, Republic of Korea	998	1,408	142	0	47
Mongolia	6	25	0	0	3
North Korea	0	2	0	0	0
Taiwan Province of China	1,496	1,539	116	0	32
Other countries of North-East Asia	0	0		0	550
<b>South- East Asia</b>	<b>14,544</b>	<b>16,111</b>	<b>1,208</b>	<b>0</b>	<b>3,105</b>
Brunei Darussalam	26	15	3	0	2
Cambodia	30	114	13	0	8
Indonesia	1,033	1,327	54	0	225
Lao People's Democratic Republic	2	56	2	0	2
Malaysia	3,140	2,761	245	0	1,562
Myanmar	5	216	23	0	5
Philippines	476	689	54	0	41
Singapore	3,886	4,744	256	0	618
Thailand	3,886	4,086	275	0	119
Timor-Leste	0	31	3	0	0
Viet Nam	1,961	2,072	280	0	523
Other countries of South-East Asia	99	0	0	0	0
<b>Australasia</b>	<b>3,114</b>	<b>3,599</b>	<b>316</b>	<b>0</b>	<b>264</b>
Australia	2,739	3,153	289	0	231
New Zealand	375	446	27	0	33
<b>Melanesia</b>	<b>3</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>
Fiji	1	8	0	0	0
Palau	0	1	0	0	0
Papua New Guinea	2	10	0	0	0
Samoa	0	1	0	0	0
Solomon Islands	0	2	0	0	0
Vanuatu	0	10	0	0	0
<b>EUROPE</b>	<b>18,824</b>	<b>21,308</b>	<b>1,942</b>	<b>0</b>	<b>3,120</b>
<b>Central/ Eastern Europe</b>	<b>1,891</b>	<b>1,995</b>	<b>146</b>	<b>0</b>	<b>348</b>
Armenia	4	18	4	0	2
Azerbaijan	1	0	0	0	0
Belarus	6	15	3	0	2
Bulgaria	96	52	6	0	8

(continued)



(Table 10.1 continued)

Country	2018	2019	2020	2021	*2022
Czech Republic	285	279	6	0	55
Estonia	43	56	4	0	29
Georgia	3	5	0	0	0
Hungary	143	167	8	0	47
Kazakhstan	9	26	5	0	0
Kyrgyzstan	0	2	0	0	0
Latvia	34	53	2	0	0
Lithuania	79	58	0	0	3
Moldova, Republic of Moldova	2	7	1	0	0
North Macedonia	0	1	0	0	0
Poland	430	480	29	0	47
Romania	94	106	4	0	28
Russian Federation	482	503	51	0	102
Slovakia	83	81	2	0	15
Tajikistan	3	3	0	0	0
Turkmenistan	0	1	0	0	0
Ukraine	93	81	21	0	10
Uzbekistan	1	1	0	0	0
<b>Nothern Europe</b>	<b>4,737</b>	<b>5,885</b>	<b>621</b>	<b>0</b>	<b>973</b>
Denmark	263	416	59	0	45
Finland	169	226	8	0	58
Iceland	32	22	0	0	0
Ireland	163	205	17	0	32
Norway	191	345	16	0	29
Sweden	334	430	36	0	91
United Kingdom	3,585	4,241	485	0	718
Scandinavia	0	0	1,242	0	0
<b>Southern Europe</b>	<b>3,169</b>	<b>3,843</b>	<b>257</b>	<b>0</b>	<b>342</b>
Albania	2	2	0	0	1
Andorra	4	4	0	0	1
Bosnia and Herzegovina	3	5	0	0	0
Croatia	24	49	0	0	4
Greece	121	112	6	0	12
Holy See	0	0	0	0	0
Italy	1,229	1,469	128	0	134
Malta	22	35	18	0	8
Montenegro	3	2	0	0	0
Portugal	322	385	26	0	67
San Marino	0	6	0	0	0
Serbia	15	14	0	0	4
Slovenia	27	101	2	0	15

(continued)

(Table 10.1 continued)

Country	2018	2019	2020	2021	*2022
Spain	1,397	1,659	77	0	96
Other countries of Southern Europe	0	0	0	0	0
<b>Western Europe</b>	<b>8,511</b>	<b>8,957</b>	<b>875</b>	<b>0</b>	<b>1,275</b>
Austria	506	594	51	0	56
Belgium	557	579	98	0	143
France	1,773	1,953	155	0	345
Germany	3,422	3,375	405	0	372
Liechtenstein	7	5	0	0	0
Luxembourg	58	20	6	0	5
Monaco	2	3	2	0	0
Netherlands	807	981	73	0	148
Switzerland	1,379	1,447	85	0	206
<b>East Mediterranean Europe</b>	<b>516</b>	<b>628</b>	<b>43</b>	<b>0</b>	<b>182</b>
Cyprus	4	10	3	0	5
Israel	356	509	33	0	155
Turkey	156	109	7	0	22
<b>MIDDLE EAST</b>	<b>138</b>	<b>306</b>	<b>25</b>	<b>0</b>	<b>44</b>
Bahrain	3	9	1	0	0
Egypt	0	13	3	0	0
Iraq	0	5	0	0	0
Jordan	11	10	3	0	1
Kuwait	19	143	14	0	9
Lebanon	21	30	0	0	8
Oman	4	30	0	0	0
Qatar	5	9	2	0	0
Saudi Arabia	29	16	1	0	15
State of Palestine	0	0	0	0	2
Syrian Arab Republic	3	2	0	0	0
United Arab Emirates	29	36	0	0	9
Yemen	1	3	1	0	0
<b>SOUTH ASIA</b>	<b>448</b>	<b>245,289</b>	<b>23,592</b>	<b>0</b>	<b>11,193</b>
Afghanistan	1	49	7	0	0
Iran, Islamic Republic of Iran	5	13	0	0	0
Nepal	371	1,438	101	0	32
Pakistan	8	62	16	0	2
Sri Lanka	63	316	32	0	2
Bangladesh	...	13,016	1,127	0	4
India	...	230,381	22,298	0	11,153
Maldives	...	13	11	0	0
Other countries of South Asia	...	1	0	0	0
<b>Total Arrivals</b>	<b>63,367</b>	<b>315,599</b>	<b>29,812</b>	<b>1</b>	<b>20,897</b>

Note: 2015-2018 Includes only the leisure tourist from Minimum Daily Package Rate (MDPR) paying countries

\* 23<sup>rd</sup> September to 31<sup>st</sup> December 2022

Source: Dept. of Tourism, MoICE and Dept. of Immigration, MoHA

**Table 10.2: Number of Tourist Arrivals by Regions and Foreign Exchange Earnings, 2019 - 2022**

Region	2019	2020	2021	*2022
<b>Africa</b>	<b>307</b>	<b>0</b>	<b>0</b>	<b>19</b>
East Africa	110	5	0	5
Central Africa	20	1	0	0
North Africa	17	0	0	3
Southern Africa	120	15	0	10
West Africa	40	4	0	1
<b>Americas</b>	<b>15,099</b>	<b>1,445</b>	<b>1</b>	<b>2,877</b>
Caribbean	23	5	0	6
Central America	55	9	0	7
North America	13,952	1,292	1	2,718
South America	1,069	139	0	146
<b>East Asia and Pacific</b>	<b>33,290</b>	<b>2,783</b>	<b>0</b>	<b>3,644</b>
North-East Asia	13,548	1,259	0	275
South-East Asia	16,111	1,208	0	3,105
Australasia	3,599	316	0	264
Melanesia	32	0	0	0
Micronesia	0	0	0	0
Polynesia	0	0	0	0
<b>Europe</b>	<b>21,308</b>	<b>1,942</b>	<b>0</b>	<b>3,120</b>
Central/Eastern Europe	1,995	146	0	348
Northern Europe	5,885	621	0	973
Southern Europe	3,843	257	0	342
Western Europe	8,957	875	0	1,275
East Mediterranean Europe	628	43	0	182
<b>Middle East</b>	<b>306</b>	<b>25</b>	<b>0</b>	<b>44</b>
<b>South Asia</b>	<b>245,289</b>	<b>23,592</b>	<b>0</b>	<b>11,193</b>
<b>All regions</b>	<b>315,599</b>	<b>29,812</b>	<b>1</b>	<b>20,897</b>
<b>Foreign Exchange Earnings</b>				
<b>Total (USD in Million)</b>	<b>88.63</b>	<b>9.49</b>	<b>0.0014</b>	<b>...</b>
<b>Direct Revenue to Government (USD in Million)</b>	<b>23.420</b>	<b>2.760</b>	<b>0.001</b>	<b>8.440</b>

Note: 2015-2018 Includes only the leisure tourist from Minimum Daily Package Rate (MDPR) paying countries.

Foreign Exchange Earnings includes only for tourist from MDPR paying countries

\* 23<sup>rd</sup> September to 31<sup>st</sup> December 2022

Source: Dept. of Tourism, MoICE and Dept. of Immigration, MoHA

**Table 10.3: Number of Tourist Arrivals by Season and Month, 2018 - 2022**

Season & Month	2018	2019	2020	2021	*2022
<b>Winter</b>	<b>49,722</b>	<b>61,771</b>	<b>25,714</b>	<b>0</b>	<b>6,130</b>
December	26,667	33,154	32	0	6,130
January	11,121	14,397	13,942	0	0
February	11,934	14,220	11,740	0	0
<b>Spring</b>	<b>88,109</b>	<b>102,230</b>	<b>4,041</b>	<b>0</b>	<b>0</b>
March	22,185	24,507	3,947	0	0
April	26,176	30,605	71	0	0
May	39,748	47,118	23	0	0
<b>Summer</b>	<b>51,706</b>	<b>56,080</b>	<b>21</b>	<b>1</b>	<b>1</b>
June	25,239	30,297	10	0	0
July	12,274	13,291	10	0	0
August	14,193	12,492	1	1	1
<b>Autumn</b>	<b>84,560</b>	<b>95,518</b>	<b>36</b>	<b>0</b>	<b>14,767</b>
September	20,025	21,937	5	0	1,050
October	37,549	46,325	16	0	8,313
November	26,986	27,256	15	0	5,404

Note: \* 23<sup>rd</sup> September to 31<sup>st</sup> December 2022

Source: Dept. of Tourism, MoICE and Dept. of Immigration, MoHA

**Table 10.4: Percentage of Tourist Arrivals by Main Purpose of Visit, 2018 - 2021**

Purpose	2018		2019		2020		2021	
	Number	%	Number	%	Number	%	Number	%
Holiday, Leisure and Recreation	240,671	87.81	281,546	89.21	25,909	86.91	1	100.00
Official	9,075	3.31	12,463	3.95	1,175	3.94	0	0.00
Business	6,106	2.23	4,890	1.55	952	3.19	0	0.00
Others	18,245	6.66	16,700	5.29	1,776	5.96	0	0.00

Source: Tourism Council of Bhutan (Tashel system) and Department of Immigration

**Table 10.5: Percentage of Tourist Arrivals by Major Attraction to Bhutan, 2019 - 2021**

Major Attraction	2019		2020		2021	
	Number	%	Number	%	Number	%
Cultural	64,539.0	85.98	5,718.0	90.10	1	100.00
Adventure	8,783.0	11.70	449.0	7.08	0	0.00
Spiritual and Wellness	650.0	0.87	37.0	0.58	0	0.00
Nature	1,092.0	1.45	142.0	2.24	0	0.00

Note: Includes Minimum Daily Package Rate (MDPR) paying leisure tourist only

Source: Tourism Council of Bhutan, Thimphu.

**Table 10.6: Number of Tourist Arrivals by Dzongkhag, 2018 - 2021**

Dzongkhag	2018	2019	2020	2021
Bumthang	11,636	11,950	955	1
Chhukha	2,971	2,490	320	0
Dagana	24	30	2	0
Gasa	675	813	31	1
Haa	594	5,751	490	1
Lhuentse	6,615	761	58	1
Monggar	2,600	2,593	261	1
Paro	62,781	60,706	5,394	1
Pema Gatshel	122	96	32	0
Punakha	53,555	53,904	4,863	1
Samdrup Jongkhar	1,937	1,721	190	0
Samtse	0	0	0	0
Sarpang	231	263	64	0
Thimphu	60,100	58,593	5,172	1
Trashigang	2,374	2,648	223	1
Trashi Yangtse	820	1,031	97	1
Trongsa	5,864	5,364	448	1
Tsirang	68	74	6	0
Wangdue Phodrang	19,581	20,529	1,632	1
Zhemgang	332	346	58	1

Note: Includes only the Minimum Daily Package Rate (MDPR) paying leisure tourist

Source: Tourism Council of Bhutan, Thimphu.

**Table 10.7: Number of Visitor Nights by Dzongkhag, 2018 - 2021**

<b>Dzongkhag</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
Bumthang	30,137	30,580	2,077	3
Chhukha	3,141	2,768	375	0
Dagana	37	67	5	0
Gasa	3,341	4,605	41	7
Haa	8,095	7,233	550	2
Lhuentse	1,120	1,215	72	2
Monggar	4,404	3,808	509	1
Paro	142,663	138,900	11,138	27
Pema Gatshel	250	175	102	0
Punakha	75,355	77,443	7,218	9
Samdrup Jongkhar	2,144	1,981	242	0
Samtse	0	0	0	0
Sarpang	309	396	70	0
Thimphu	107,063	104,307	8,090	26
Trashigang	4,489	5,616	379	2
Trashigang Yangtse	1,031	1,411	114	2
Trongsa	6,614	5,934	516	20
Tsirang	91	107	8	0
Wangdue Phodrang	28,998	30,090	2,219	10
Zhemgang	931	915	211	2

*Note: Includes only the Minimum Daily Package Rate (MDPR) paying leisure tourist*

*Source: Tourism Council of Bhutan, Thimphu.*

**Table 10.8: Tourist Arrivals by Major Source Markets and Sex, 2018 - 2022**

Year/Country	Number			Percent		
	Male	Female	Both Sex	Male	Female	Both Sex
<b>*2022</b>						
Indian	6,244	4,909	11,153	55.98	44.02	100.00
American	1,093	1,326	2,419	45.18	54.82	100.00
Malaysian	538	1,024	1,562	34.44	65.56	100.00
British	367	351	718	51.11	48.89	100.00
Singaporean	231	387	618	37.38	62.62	100.00
Vietnamese	177	346	523	33.84	66.16	100.00
German	184	188	372	49.46	50.54	100.00
French	163	182	345	47.25	52.75	100.00
Canadian	118	157	275	42.91	57.09	100.00
Australian	111	120	231	48.05	51.95	100.00
<b>2021</b>						
USA	0	1	1	0.00	100.00	100.00
<b>2020</b>						
India	13,623	8,675	22,298	61.10	38.90	100.00
Bangladesh	755	372	1,127	66.99	33.01	100.00
USA	518	568	1,086	47.70	52.30	100.00
China	286	440	726	39.39	60.61	100.00
United Kingdom	240	245	485	49.48	50.52	100.00
Germany	207	198	405	51.11	48.89	100.00
Australia	123	166	289	42.56	57.44	100.00
Vietnam	126	154	280	45.00	55.00	100.00
Japan	142	133	275	51.64	48.36	100.00
Thailand	108	167	275	39.27	60.73	100.00
<b>2019</b>						
India	133,942	96,439	230,381	58.14	41.86	100.00
Bangladesh	8,727	4,289	13,016	67.05	32.95	100.00
USA	5,255	6,452	11,707	44.89	55.11	100.00
China	2,751	4,813	7,564	36.37	63.63	100.00
Singapore	1,641	3,103	4,744	34.59	65.41	100.00
United Kingdom	2,084	2,157	4,241	49.14	50.86	100.00
Thailand	1,534	2,552	4,086	37.54	62.46	100.00
Germany	1,600	1,775	3,375	47.41	52.59	100.00
Australia	1,320	1,833	3,153	41.86	58.14	100.00
Japan	1,641	1,369	3,010	54.52	45.48	100.00
<b>2018</b>	...	...	...	...	...	...
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	...	...	...

Note: \* 23<sup>rd</sup> September to 31<sup>st</sup> December 2022

Source: Department of Tourism, MoICE and Department of Immigration, MoHA

Table 10.9 Tourist Arrivals by Mode of Transport and Source Market, 2021 &amp; 2022

Country	2021						*2022					
	Air		Land		Total	%	Air		Land		Total	%
	Number	%	Number	%			Number	%	Number	%		
India	0	0.00	0	0.00	0	0.00	1,554	13.9	9,599	86.1	11,153	
Bangladesh	0	0.00	0	0.00	0	0.00	4	100.0	0.0	0.0	4	
USA	1	100.00	0	0.00	1	0.00	2,364	97.7	55.0	2.3	2,419	
China	0	0.00	0	0.00	0	0.00	164	100.0	0.0	0.0	164	
United Kingdom	0	0.00	0	0.00	0	0.00	656	91.4	62.0	8.6	718	
Germany	0	0.00	0	0.00	0	0.00	347	93.3	25.0	6.7	372	
Australia	0	0.00	0	0.00	0	0.00	229	99.1	2.0	0.9	231	
Vietnam	0	0.00	0	0.00	0	0.00	521	99.6	2.0	0.4	523	
Japan	0	0.00	0	0.00	0	0.00	27	93.1	2.0	6.9	29	
Thailand	0	0.00	0	0.00	0	0.00	119	100.0	0.0	0.0	119	
Singapore	0	0.00	0	0.00	0	0.00	618	100.0	0.0	0.0	618	
Malaysia	0	0.00	0	0.00	0	0.00	1,562	100.0	0.0	0.0	1,562	
France	0	0.00	0	0.00	0	0.00	311	90.1	34.0	9.9	345	
South Korea	0	0.00	0	0.00	0	0.00	37	78.7	10.0	21.3	47	
Canada	0	0.00	0	0.00	0	0.00	273	99.3	2.0	0.7	275	
Other African countries	0	0.00	0	0.00	0	0.00	13	68.4	6.0	31.6	19	
Other American countries	0	0.00	0	0.00	0	0.00	180	100.0	0.0	0.0	180	
Other East Asia and the Pacific countries	0	0.00	0	0.00	0	0.00	306	97.5	8.0	2.5	314	
Other European countries	0	0.00	0	0.00	0	0.00	1,371	90.0	152.0	10.0	1,523	
Other Middle East countries	0	0.00	0	0.00	0	0.00	199	100.0	0.0	0.0	199	
Other South Asian Countries	0	0.00	0	0.00	0	0.00	80	96.4	3.0	3.6	83	
<b>Total</b>	<b>1</b>	<b>100.00</b>	<b>0</b>	<b>0.00</b>	<b>1</b>	<b>0.00</b>	<b>10,935</b>	<b>52.3</b>	<b>9,962</b>	<b>47.7</b>	<b>20,897</b>	

Note: \* 23<sup>rd</sup> September to 31<sup>st</sup> December 2022

Source: Department of Tourism, MoICE and Department of Immigration, MoHA



Table 10.10 Average Length of Stay by Major Source Market, 2020 - 2021

Country	2020		2021	
	Mean Nights Stayed	Median Nights Stayed	Mean Nights Stayed	Median Nights Stayed
India	7	6	0	0
Bangladesh	9	6	0	0
USA	8	6	113	113
China	5	4	0	0
Singapore	9	6	0	0
United Kingdom	9	6	0	0
Thailand	7	4	0	0
Germany	10	7	0	0
Australia	8	7	0	0
Japan	12	4	0	0
Malaysia	6	6	0	0
Vietnam	4	4	0	0
France	9	7	0	0

(continued)

(Table 10.10 continued)

Country	2020		2021	
	Mean Nights Stayed	Median Nights Stayed	Mean Nights Stayed	Median Nights Stayed
Canada	7	6	0	0
Spain <sup>1</sup>	...	...	0	0
South Korea <sup>1</sup>	7	4	0	0
Other African countries	36	6	0	0
Other American countries	5	5	0	0
Other East Asia and the Pacific countries	6	5	0	0
Other European countries	13	7	0	0
Other Middle East countries	15	5.5	0	0
Other South Asian Countries	9	4	0	0
<b>Total</b>	<b>7</b>	<b>6</b>	<b>113</b>	<b>113</b>

Note: <sup>1</sup> The data for countries that are not included in the top markets for previous/following years are included under

respective regional market categorization

Source: Tourism Council of Bhutan (TasheI system) and Department of Immigration

## Chapter 11

## BALANCE OF PAYMENT

The Balance of Payments is a statistical statement that systematically summarizes the economic transactions of an economy with the rest of the world for a specific time period. The transactions include goods, services, income, transfers and financial claims.

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.

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 promotion and diversification, as well as import substitution and rationalization.

Therefore statistics provided in this chapter includes balance of trade, overall balance of payment estimates, top ten export and imports, and other related statistics.

### Concepts and Definitions

**Balance of Payment (BoP):** is a statement that systematically summarizes, for a specific time period, the economic transactions of an economy with the rest of the world. BOP consists of current account includes flow of goods, services and income between residents and nonresidents.

**Capital Account:** Receipts & payment for non-produced nonfinancial assets & capital transfers between resident and non-resident-for instance grants received from external donors for investment.

**Financial Account:** Net acquisition & disposal of financial assets & liabilities. Example: FDI, currency & deposits, trade credit, external debt.

**Gross International Reserves:** Includes the Indian Rupee and Convertible currency reserves of the RMA and five Commercial Banks i.e. BOBL, BNBL, BDBL, T-Bank and Druk PNBL.

**Average Exchange Rates, Ngultrum Per USD:** Average exchange rates in Ngultrum per USD

**Monetary Survey:** Monetary survey is the balance sheet of the consolidated monetary sector accounts which includes the monetary authority (RMA) and five deposit money banks (BOBL, BNBL, BDBL, T-Bank, Druk PNBL).

**M1:** Is also referred to as narrow money and it includes the currency in circulation outside banks and transferable/demand deposits (which includes saving and current account deposits).

**M2:** It is also referred to as broad money.

Net Foreign Assets (NFA): NFA includes the net holdings of foreign currency assets, which has been segregated in rupee and convertible currency.

Domestic Credit: Includes the net claims on Government, claims on other public sector (which includes the Government Corporations and public sector) and claims on private sector.

Other Items Net (OIN): are other liabilities less than other assets consisting of all liabilities and assets not included elsewhere in a survey.

Lending of Financial Institutions by Industry, Amounts Outstanding: Includes the sectoral credit outstanding of five commercial banks i.e. BOBL, BNBL, BDBL, T-Bank & Druk PNBL and two insurance companies i.e. RICBL and BIL.

Table 11.1.1: Annual Overall Balance of Payments Estimates, FY 2017/18 - 2021/22

(Nu. in Million)

Items	2017/18	2018/19	2019/20	2020/21 (Revised)	2021/22 (Provisional)
<b>A. Current Account</b>	<b>(30,087.500)</b>	<b>(35,431.700)</b>	<b>(27,712.500)</b>	<b>(21,374.121)</b>	<b>(59,850.154)</b>
Goods and services	(29,479.100)	(35,904.200)	(29,321.400)	(20,991.141)	(59,849.543)
<b>Goods: Net (Trade Balance)</b>	<b>(27,200.700)</b>	<b>(28,338.600)</b>	<b>(22,726.400)</b>	<b>(12,399.985)</b>	<b>(45,690.205)</b>
Exports (fob)	39,231.700	42,951.600	46,862.800	53,099.888	57,863.999
Imports (fob)	66,432.400	71,290.200	69,589.200	65,499.873	103,554.204
<b>Services</b>	<b>(2,278.500)</b>	<b>(3,565.700)</b>	<b>(6,595.000)</b>	<b>(8,591.156)</b>	<b>(14,159.338)</b>
Credit	12,428.100	11,902.500	9,611.200	1,469.252	1,649.232
Debit	14,706.600	15,468.200	16,206.200	10,060.408	15,808.570
<b>Primary Income</b>	<b>(13,799.200)</b>	<b>(15,589.700)</b>	<b>(10,749.040)</b>	<b>(11,221.387)</b>	<b>(11,483.959)</b>
Credit	2,413.600	2,640.400	2,117.900	1,599.970	1,836.318
Debit	16,212.800	18,230.100	12,867.000	12,821.357	13,320.277
<b>Secondary Income</b>	<b>13,190.896</b>	<b>12,062.300</b>	<b>12,358.000</b>	<b>10,838.407</b>	<b>11,483.348</b>
Credit	15,019.132	14,232.500	13,871.400	13,725.271	14,611.659
o.w Budgetary grants	6,204.860	6,999.286	6,807.600	5,286.085	6,615.746
Debit	1,828.236	2,170.200	1,513.300	2,886.864	3,128.311
<b>B. Capital Account</b>	<b>11,884.026</b>	<b>8,769.135</b>	<b>10,373.200</b>	<b>7,573.740</b>	<b>11,915.374</b>
o.w Budgetary grants for investment <sup>1</sup>	7,348.026	4,088.035	6,436.100	6,147.840	10,376.471
o.w Grants for hydropower development	4,536.000	4,681.100	3,937.200	1,267.400	1,538.903
<b>C. Financial Account <sup>2</sup></b>	<b>(39,888.500)</b>	<b>(9,140.400)</b>	<b>(27,252.150)</b>	<b>(19,169.091)</b>	<b>(17,924.428)</b>
Direct investment in Bhutan: net incurrence of liabilities	510.600	918.500	(621.300)	362.394	648.943
o.w Equity capital	602.800	754.400	67.400	315.814	32.491
Other investment	(35,327.000)	(7,389.600)	(28,992.300)	(17,200.037)	(17,075.375)
Other Investment: net acquisition of financial assets	56.600	2,110.200	3,472.200	(2,137.513)	1,768.310
Other Investment: net incurrence of financial liabilities	35,383.600	8,927.400	32,464.500	15,062.524	18,843.685
o/w RGOB loans <sup>3</sup>	20,199.100	15,784.400	26,708.400	15,019.279	18,120.570
o/w Other loans	13,457.100	(6,268.400)	7,071.800	264.640	636.760
<b>D. Net Errors and Omissions</b>	<b>(16,751.800)</b>	<b>19,832.400</b>	<b>10,179.200</b>	<b>(9,428.166)</b>	<b>(2,390.540)</b>
<b>E. Overall Balance</b>	<b>4,933.400</b>	<b>2,310.200</b>	<b>20,092.200</b>	<b>(4,059.457)</b>	<b>(32,400.891)</b>
<b>F. Reserve Assets</b>	<b>4,933.400</b>	<b>2,310.200</b>	<b>20,092.200</b>	<b>(4,059.457)</b>	<b>(32,400.891)</b>

Note: <sup>1</sup> Segregation of budgetary grants into Secondary Income and Capital Transfers carried out from FY 2006/07 onwards.

<sup>2</sup> 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. <sup>3</sup> Includes hydropower loans & accrued interest. Bhutan's BoP statistics were revised inline with the IMFs BPM6 methodology (from FY 2006/07 onwards).

Source : Annual Report, Royal Monetary Authority of Bhutan, Thimphu.

Table 11.1.2: Annual Balance of Payments Estimates with India, FY 2017/18 – 2021/22

(Nu. in Million)

Items	2017/18	2018/19	2019/20 (Revised)	2020/21 (Provisional)	2021/22 (Provisional)
<b>A. Current Account</b>	<b>(34,034.265)</b>	<b>(38,659.923)</b>	<b>(25,996.536)</b>	<b>(22,179.737)</b>	<b>(42,387.918)</b>
Goods and services	(27,204.493)	(29,022.481)	(18,936.140)	(13,344.065)	(32,861.962)
<b>Goods: Net (Trade Balance)</b>	<b>(25,478.949)</b>	<b>(26,322.621)</b>	<b>(15,895.532)</b>	<b>(9,112.593)</b>	<b>(28,176.198)</b>
Exports (fob)	31,713.464	33,804.021	40,975.562	46,878.880	51,170.695
Imports (fob)	57,192.413	60,126.642	56,871.094	55,991.473	79,346.894
<b>Services</b>	<b>(1,725.544)</b>	<b>(2,699.859)</b>	<b>(3,040.608)</b>	<b>(4,231.472)</b>	<b>(4,685.764)</b>
Credit	4,627.757	3,741.001	3,362.069	945.586	1,074.988
Debit	6,353.301	6,440.860	6,402.676	5,177.057	5,760.752
<b>Primary Income</b>	<b>(13,584.767)</b>	<b>(15,544.456)</b>	<b>(11,335.041)</b>	<b>(11,221.271)</b>	<b>(12,108.139)</b>
Credit	1,326.971	1,021.768	880.291	886.772	593.622
Debit	14,911.739	16,566.224	12,215.331	12,108.043	12,701.761
o.w Interest on hydropower loans <sup>1</sup>	1,325.220	764.412	8,582.160	10,637.577	12,244.302
<b>Secondary Income</b>	<b>6,754.995</b>	<b>5,907.013</b>	<b>4,274.644</b>	<b>2,385.599</b>	<b>2,582.183</b>
Credit	7,840.362	7,153.874	4,897.947	3,789.987	4,314.082
o.w Budgetary grants	3,600.896	4,410.544	4,666.126	3,016.856	4,212.905
Debit	1,085.367	1,246.861	623.302	1,404.388	1,731.899
<b>B. Capital Account</b>	<b>11,862.185</b>	<b>8,709.660</b>	<b>10,346.551</b>	<b>7,231.919</b>	<b>11,547.045</b>
o.w Budgetary grants for investment <sup>2</sup>	7,326.185	4,028.560	6,409.372	5,806.019	10,008.142
o.w Grants for hydropower development	4,536.000	4,681.100	3,937.179	1,267.400	1,538.903
<b>C. Financial Account<sup>3</sup></b>	<b>(37,906.700)</b>	<b>(8,227.300)</b>	<b>(20,457.073)</b>	<b>(15,003.191)</b>	<b>(9,826.922)</b>
Direct Investment in Bhutan: net incurrence of liabilities	14.172	188.780	51.006	221.158	140.172
o.w Equity capital	1.940	38.978	37.730	227.018	18.885
Other investment	(33,841.604)	(6,633.700)	(21,524.922)	(13,175.374)	(9,486.639)
Other investment: net acquisition of financial assets	(1,366.114)	1,851.226	3,400.668	(2,261.983)	1,588.159
Other Investment: net incurrence of financial liabilities	32,574.400	8,485.000	24,925.590	10,913.390	11,074.798
o.w. Hydropower loans (incl. accrued interest) <sup>4</sup>	18,255.200	14,088.200	17,689.804	10,427.047	10,283.422
o.w. Other loans	13,993.770	(6,029.380)	7,236.100	264.640	636.760
<b>D. Net Errors and Omissions</b>	<b>(17,212.300)</b>	<b>21,591.600</b>	<b>2,385.659</b>	<b>(5,040.161)</b>	<b>9,602.249</b>
<b>E. Overall Balance</b>	<b>(1,477.622)</b>	<b>(131.437)</b>	<b>7,192.748</b>	<b>(4,984.788)</b>	<b>(11,411.702)</b>
<b>F. Reserve Assets</b>	<b>(1,477.622)</b>	<b>(131.437)</b>	<b>7,192.748</b>	<b>(4,984.788)</b>	<b>(11,411.702)</b>

Note: <sup>1</sup> Includes accrued interest (from FY 2006/07 onwards), and are therefore not comparable with figures published by the Ministry of Finance. <sup>2</sup> Segregation of budgetary grants into Secondary Income and Capital Transfers carried out from FY 2006/07 onwards. <sup>3</sup> 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. Financial Account sign convention: (+) = increase in assets or liabilities; (-) = decrease in assets or liabilities.

Source : Annual Report, Royal Monetary Authority of Bhutan, Thimphu

**Table 11.1.3: Annual Balance of Payments Estimates with Countries Other than India, FY 2017/18 - 2021/22**

Items	(Nu. in Million)				
	2017/18	2018/19	2019/20 (Revised)	2020/21 (Provisional)	2021/22 (Provisional)
<b>A. Current Account</b>	<b>3,946.812</b>	<b>3,228.263</b>	<b>(1,715.923)</b>	<b>805.616</b>	<b>(17,462.236)</b>
Goods and services	(2,274.646)	(2,881.745)	(10,385.302)	(7,647.076)	(26,987.580)
<b>Goods: Net (Trade Balance)</b>	<b>(1,721.702)</b>	<b>(2,015.974)</b>	<b>(6,830.881)</b>	<b>(3,287.392)</b>	<b>(17,514.007)</b>
Exports (fob)	7,518.277	9,147.579	5,887.199	6,221.008	6,693.304
Imports (fob)	9,239.980	11,163.553	12,718.080	9,508.399	24,207.310
<b>Services</b>	<b>(552.943)</b>	<b>(865.771)</b>	<b>(3,554.420)</b>	<b>(4,359.684)</b>	<b>(9,473.574)</b>
Credit	7,800.359	8,161.539	6,249.121	523.667	574.244
Debit	8,353.302	9,027.310	9,803.542	4,883.351	10,047.817
<b>Primary Income</b>	<b>(214.443)</b>	<b>(45.281)</b>	<b>586.001</b>	<b>(0.116)</b>	<b>624.179</b>
Credit	1,086.594	1,618.603	1,237.649	713.198	1,242.696
Debit	1,301.036	1,663.883	651.648	713.315	618.517
<b>Secondary Income</b>	<b>6,435.901</b>	<b>6,155.289</b>	<b>8,083.378</b>	<b>8,452.808</b>	<b>8,901.165</b>
Credit	7,178.770	7,078.670	8,973.415	9,935.284	10,297.577
o.w Budgetary grants	2,603.964	2,588.742	2,141.443	2,269.229	2,402.841
Debit	742.869	923.381	890.038	1,482.476	1,396.412
<b>B. Capital Account</b>	<b>21.841</b>	<b>59.475</b>	<b>26.689</b>	<b>341.821</b>	<b>368.329</b>
o/w Budgetary grants for investment <sup>1</sup>	21.841	59.475	26.689	341.821	368.329
<b>C. Financial Account<sup>2</sup></b>	<b>(1,981.810)</b>	<b>(913.097)</b>	<b>(6,795.091)</b>	<b>(4,165.900)</b>	<b>(8,097.506)</b>
Direct investment in Bhutan: net incurrence of liabilities	496.418	729.686	(672.285)	141.237	508.770
o.w Equity capital	600.856	715.375	29.681	88.795	13.607
Other investment	(1,485.392)	(183.412)	(7,467.376)	(4,024.663)	(7,588.736)
Other investment: net acquisition of financial assets <sup>3</sup>	1,422.680	258.975	71.571	124.471	180.151
Other Investment: net incurrence of financial liabilities	2,908.072	442.387	7,538.947	4,149.133	7,768.887
o.w. RGOB loans	1,943.833	1,696.251	9,018.547	4,592.233	7,837.147
o.w. Other loans	(536.648)	(239.010)	(164.276)	...	...
<b>D. Net Errors and Omissions</b>	<b>460.511</b>	<b>(1,759.174)</b>	<b>7,793.575</b>	<b>(4,388.005)</b>	<b>(11,992.789)</b>
<b>E. Overall Balance</b>	<b>6,410.974</b>	<b>2,441.661</b>	<b>12,899.432</b>	<b>925.331</b>	<b>(20,989.190)</b>
<b>F. Reserve Assets</b>	<b>6,410.974</b>	<b>2,441.661</b>	<b>12,899.432</b>	<b>925.331</b>	<b>(20,989.190)</b>

Note: <sup>1</sup> Segregation of budgetary grants into Secondary income and capital transfers carried out from FY 2006/07.

onwards. <sup>2</sup> 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.

The Net errors and omissions figures in FY 2011/12 and FY 2012/13 can be largely attributed to the sale of US dollar reserves for Indian Rupees for around USD 200 million in each year. The country-entry for the subsequent decrease in dollar reserves are in BOP with India statement and therefore contribute to the large and negative NEO for the BOP with COTI.

Source : Annual Report, Royal Monetary Authority of Bhutan, Thimphu

**Table 11.1.4: Gross International Reserves, FY 2017/18 – 2021/22**

Items (USD in Million)	2017/18	2018/19	2019/20	2020/21	2021/22
Total External Reserves	1,110.908	1,063.176	1,343.529	1,332.386	832.937
Foreign Currency reserves	1,095.329	1,047.495	1,328.227	1,316.154	792.397
Special Drawing Right Holdings	8.439	8.524	8.341	8.861	33.825
Reserve Tranche Position in IMF	7.139	7.158	6.962	7.372	6.716

1.1 Foreign Currency reserves includes convertible and Indian Rupee reserve.

**Table 11.1.5: Monthly Average Exchange Rate, Ngultrum Per USD, 2018 – 2022**

Month	2018	2019	2020	2021	2022
January	63.646	70.751	71.330	73.108	74.45
February	64.374	71.208	71.490	72.766	75.03
March	65.011	69.479	74.320	72.793	76.24
April	65.663	69.427	76.190	74.418	76.18
May	67.544	69.789	75.660	73.358	77.31
June	67.793	69.439	75.710	73.558	78.08
July	68.701	68.809	75.020	74.521	79.62
August	69.535	71.146	...	74.179	79.56
September	72.300	71.334	73.500	73.653	80.25
October	73.618	71.049	73.480	74.903	82.34
November	71.824	71.429	74.270	74.483	81.83
December	70.832	71.188	...	75.539	82.36
Calendar Year Average Exchange Rate	68.403	70.420	74.150	73.940	78.60
Fiscal Year	2017/18	2018/19	2019/20	2020/21	2021/22
Fiscal year average exchange Rate	65.092	70.575	72.470	73.716	75.38

Source: Monthly Statistical Bulletin, Royal Monetary Authority, Thimphu.



**Table 11.2.1: Balance of Merchandise Trade, 2018 - 2022**

(Nu. in Million)

Trade	2018	2019	2020	2021	2022
<b>Export</b>	<b>30,835.215</b>	<b>31,250.000</b>	<b>20,732.244</b>	<b>33,555.48</b>	<b>34,396.00</b>
India	21,591.812	23,573.000	15,989.551	26,408.86	26,698.00
Countries other than India	9,243.403	7,677.000	4,742.692	7,146.63	7,697.00
<b>Import</b>	<b>71,345.200</b>	<b>68,906.000</b>	<b>66,456.122</b>	<b>90,229.00</b>	<b>118,792.00</b>
India	59,811.692	56,453.000	51,197.865	71,235.90	85,093.00
Countries other than India	11,533.507	12,453.000	15,258.257	18,993.10	33,699.00
<b>Balance of Trade</b>	<b>(40,509.985)</b>	<b>(37,656.000)</b>	<b>(45,723.879)</b>	<b>(56,673.51)</b>	<b>(84,397.00)</b>
India	(38,219.881)	(32,880.000)	(35,208.314)	(44,827.04)	(58,395.00)
Countries other than India	(2,290.104)	(4,776.000)	(10,515.565)	(11,846.47)	(26,001.00)

Note: Figures within bracket indicate deficit (-). Trade excluding electricity.

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

**Table 11.2.2: Top Ten Merchandise Commodities of Export, 2022**

Sl. No	Products	Value (Nu. in Million)	Share (%)
1	Ferro Silicon (Containing by weight more than 55% of silicon)	16,218.70	47.15
2	Ferro-silico-manganese	3,033.01	8.82
3	Dolomite, not calcined or sintered, chips	1,819.21	5.29
4	Boulders	1,622.53	4.72
5	Cardamom (Neither crushed nor ground)	1,320.40	3.84
6	Pebbles, gravel, broken or crushed stone, of a kind commonly used for concrete aggregates	1,268.33	3.69
7	Dolomite, not calcined or sintered, lumps and slabs	1,019.88	2.97
8	Gypsum; anhydrite	921.45	2.68
9	Ordinary portland cement	743.78	2.16
10	Portland pozzolana cement	557.64	1.62
	Others	5,870.81	17.07
	<b>Total</b>	<b>34,395.73</b>	<b>100.00</b>

Note: Total includes all merchandise export

Source : Bhutan Trade Statistics 2020, Department of Revenue & Customs, Ministry of Finance.

**Table 11.2.3: Top Ten Merchandise Commodities of Import, 2022**

Sl.No	Products	Value (Nu. in Million)	Share (%)
1	Processing units other than those of subheading	11,909.70	10.03
2	Diesel (HSD/Other light oils and preparation)	8,735.34	7.35
3	Coke and semi-coke	4,098.39	3.45
4	Other (Wood Charcoal)	3,479.09	2.93
5	Motor spirit (gasolene) including aviation spirit (petrol)	2,638.27	2.22
6	Semi-milled or wholly milled rice, whether or not polished or glazed	2,608.43	2.20
7	Ferrous products obtained by direct reduction of iron ore	2,488.00	2.09
8	Smart phones	1,933.94	1.63
9	Other Soya-bean oil	1,597.38	1.34
10	Cigarettes containing tobacco	1,470.01	1.24
	Others	77,833.75	65.52
	<b>Total</b>	<b>118,792.31</b>	<b>100.00</b>

Note: Total includes all merchandise import

Source : Bhutan Trade Statistics 2020, Department of Revenue & Customs, Ministry of Finance.

**Table 11.2.4: Import in Ranking Order by Country of Origin, 2022**

Rank	Country Name	Value (Nu. in Million)	Rank	Country Name	Value (Nu. in Million)
1	India	85,093.224	27	Slovakia	71.720
2	China	15,824.772	28	Switzerland	69.792
3	Thailand	3,322.269	29	New Zealand	65.958
4	Singapore	2,879.889	30	Brazil	64.412
5	Hong Kong	1,865.898	31	Belgium	60.169
6	South Africa	938.616	32	Austria	52.172
7	Bangladesh	917.690	33	Turkey	51.537
8	Japan	856.887	34	Taiwan	35.040
9	Korea South	693.913	35	Egypt	29.442
10	Malaysia	692.098	36	Poland	26.518
11	Sweden	566.922	37	Netherlands	25.528
12	United States of America	549.850	38	Ireland	24.374
13	Indonesia	520.567	39	Greece	23.862
14	United Kingdom	489.492	40	Canada	23.737
15	Nepal	484.450	41	Mexico	16.134
16	Germany	383.335	42	Israel	15.853
17	Denmark	336.113	43	Spain	14.709
18	Australia	295.517	44	Sierra Leone	13.822
19	Norway	259.606	45	Georgia	7.124
20	Gabon	250.828	46	Sudan	6.265
21	Finland	203.518	47	St Helena	5.427
22	Italy	183.916	48	Algeria	5.278
23	United Arab Emirates	147.583	49	Slovenia	4.663
24	Sri Lanka	130.465	50	Czech republic	2.869
25	Viet Nam	104.751	51	Philippines	2.571
26	France	73.229	52	Hungary	2.097

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 2020, Department of Revenue & Customs, Ministry of Finance.

**Table 11.2.5: Export in Ranking Order by Country of Destination, 2022**

<b>Rank</b>	<b>Country Name</b>	<b>Value (Nu. in Million)</b>
1	India	26,698.53
2	Bangladesh	4,664.99
3	Italy	1,742.28
4	Nepal	462.43
5	Korea South	157.33
6	Viet Nam	138.65
7	United Kingdom	81.78
8	Spain	71.95
9	Netherlands	67.87
10	Switzerland	64.13
11	Germany	45.66
12	Singapore	38.43
13	Japan	36.22
14	United States of America	29.46
15	France	22.93
16	Belgium	17.50
17	Thailand	16.45
18	United Arab Emirates	10.12
19	Australia	8.87
20	Hong kong	8.58
21	Taiwan	2.42
22	Malaysia	2.29
23	Combodia	2.18

*Note: Export value less than or equal to Nu. 2,000,000.00 is excluded for computation of export ranking or*

*Source : Bhutan Trade Statistics 2022, Department of Revenue & Customs, Ministry of Finance.*

11.2.6: Import of Petroleum Products by Volume and Value, 2018 - 2022

Products	Unit	2018		2019		2020		2021		2022	
		Volume in KL/MT	Value (Nu. in Million)	Volume in KL/MT	Value (Nu. in Million)	Volume in KL/MT	Value (Nu. in Million)	Volume in KL/MT	Value (Nu. in Million)	Volume in KL/MT	Value (Nu. in Million)
Diesel (HSD)	LTR	159,722.50	7,943.330	154,616.59	7,760.792	108,986.50	4,664.320	113,423.53	6,380.218	106,104.45	8,735.336
Petrol (MS)	LTR	46,912.34	2,333.600	50,958.51	2,509.082	34,775.52	1,590.184	33,330.52	1,968.149	36,696.73	2,638.271
S.K. Oil (Kerosene)	LTR	3,585.00	79.950	2,922.00	82.109	1,698.00	42.020	1,730.37	60.780	1,144.16	73.649
Kerosene type jet fuel (ATF)	LTR	4,878.00	230.970	4,956.00	225.468	1,720.00	63.771	1,239.02	59.477	2,307.00	188.496
Subsidized LPG (14.2 kg)	KGM	4,277.14	120.224	7,812.82	226.744	6,819.94	226.731	7,132.74	358.603	6,541.36	396.488
Non-subsidized LPG (14.2 kg)	KGM	16.26	0.953	1,015.41	43.352	1,635.37	68.683	1,278.98	76.854	1,241.98	90.658
Commercial/Industrial LPG (19 kg)	KGM	723.55	42.500	1,369.92	75.920	652.37	37.406	477.92	36.701	548.31	49.895
Lubricating Oils	LTR	2,374.32	374.320	2,090.82	332.829	1,739.05	286.244	1,805.65	322.969	1,623.83	292.643
Fuel oils (Furnance Oil)	LTR	3,410.77	124.030	3,692.54	136.382	1,908.85	56.754	934.42	37.636	1,385.98	82.618
Other medium oils and preparations (LDO)	LTR	53.54	1.470	43.67	1.780	...	...	0.10	0.029	1,538.67	117.755
Petroleum Bitumen	KGM	25,745.01	850.850	16,769.86	574.380	16,474.78	515.823	9,926.45	462.731	17,351.45	954.382
Others (waste oils)	LTR	4.70	0.880	83.40	6.192	30.26	5.715	64.86	11.749	183.17	8.384

Note: S. K Oil includes both industrial and subsidized Kerosene.

Separate BTC code for non-subsidized LPG and Commercial LPG was created w.e.f year 2018.

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

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

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 promptly 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 effort of nation building. The financial sector in Bhutan comprises of Royal Monetary Authority (Central Bank), five commercial banks (Bhutan of Bhutan Ltd., Bhutan National Bank Ltd., Druk PNB Bank Ltd., T-Bank Ltd. and Bhutan Development Bank Ltd.), four non-financial banks (Royal Insurance Corporation of Bhutan Ltd., Bhutan Insurance Ltd., National Pension & Provident Fund Ltd. and GIC-Bhutan Reinsurance Company Ltd.) In the year 2020 National CSI Development Bank was inaugurated to operate as a non-deposit taking CSI Bank. There are also registered five Micro-Finance Institution in the country; Tarayana Microfinance, Respect, Educate, Nurture and Empower Women (RENEW) Microfinance, Microfinance Bhutan Private Ltd., Bhutan Association of Women Empowerment (BAOWE), Microfinance and Bhutan Care Credit Ltd. The Royal Monetary Authority compiles the monetary and financial statistics based on the information from its own accounts and the financial institutions. The monetary survey is the balance sheet of the consolidated monetary sector which includes the RMA and deposit money banks. The statistics presented in this chapter includes the assets and liabilities of the financial institutions, the total credit outstanding and interest rates for deposits and credit. Additionally, information on financial market of the RSEBL is also presented in this chapter.

### Concepts and Definitions

**Saving:** A deposit account, wherein a customer can deposit / withdraw as and when intends to, depending on their respective requirement.

**Term Deposit (Fixed Deposits):** Fixed deposit allows you to invest your funds for a fixed term and earn returns based on an interest rate. The interest rate on your FD is higher than savings.

**Term Deposit (Recurring Deposits):** Recurring Deposit Account is an account, wherein a depositor deposits a preset amount of money every month for a fixed time period. The scheme is designed to encourage salaried and small time savers groups of customers with regular income to save through this account. The scheme is otherwise referred as Recurring Deposit Saving Scheme (RDSS).

**Earnings per Share:** It is the amount of each share if sold (Net profit/No. of shares).

**Profit Earning Ratio:** Price paid to receive Nu. 1 back (Market price/EPS).

**Bhutan Stock Index:** A composite market value weighted index based on market capitalization and changes as per the price movement in secondary market.

**Base Divisor:** The index divisor is a number chosen at the inception of a price-weighted stock market index which is applied to the index to create a more manageable index value.

**Dividend:** The distribution of some of a company's profits to its shareholders, as determined by the company during its annual general meeting.

Table 12.1.1: Number of Financial Institution Infrastructures by Dzongkhag, 2022

Dzongkhag	BOBL			BNBL			BDBL			T-Bank Ltd			Druk PNBL		
	Branch Office	GFO/Extension Office	ATM	Branch Office	GFO/Extension Office	ATM	Branch Office	GFO/Extension Office	ATM	Branch Office	GFO/Extension Office	ATM	Branch Office	GFO/Extension Office	ATM
Bumthang	1	0	2	1	0	2	1	1	1	0	0	0	1	0	1
Chhukha	4	2	13	1	1	5	3	1	5	1	0	4	1	0	3
Dagana	3	0	3	0	1	1	3	1	3	0	0	0	0	0	0
Gasa	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0
Haa	1	0	1	0	1	1	1	1	1	0	0	0	0	0	0
Lhuentse	1	0	1	0	1	1	1	1	1	0	0	0	0	0	0
Monggar	2	0	3	1	2	3	2	3	2	1	0	1	0	0	0
Paro	1	1	7	1	1	3	1	1	2	1	0	4	1	0	3
Pema Gatshel	2	0	2	0	1	0	2	1	1	2	0	0	0	0	0
Punakha	1	0	2	0	1	2	1	0	2	0	0	0	0	0	0
Samdrup Jongkhar	3	1	4	1	2	5	3	3	3	1	0	2	0	0	0
Samtse	4	0	3	1	2	4	3	2	5	1	0	1	1	0	2
Sarpang	2	1	4	1	1	2	2	1	3	1	0	2	1	0	1
Thimphu	4	3	23	2	5	32	2	0	11	1	0	14	2	0	12
Trashigang	2	0	4	1	3	3	2	6	5	1	0	1	0	0	0
Trashi Yangtse	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0
Trongsa	1	0	1	0	1	1	1	1	2	1	0	1	1	0	1
Tsirang	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0
Wangdue Phodrang	1	1	4	1	0	3	2	1	4	1	0	1	1	0	5
Zhemgang	2	0	2	0	1	1	2	1	2	0	0	0	0	0	0
<b>Total</b>	<b>38</b>	<b>10</b>	<b>82</b>	<b>12</b>	<b>26</b>	<b>71</b>	<b>35</b>	<b>26</b>	<b>57</b>	<b>10</b>	<b>0</b>	<b>31</b>	<b>9</b>	<b>0</b>	<b>28</b>

Note: All the Bank's Head office are located in Thimphu

Source : Bank of Euthan, Euthan National Bank, Euthan Development Bank, T Bank, Druk PNB, Thimphu.

Table 12.1.2: Banking Transaction Trend for all Financial Institutions by Type, 2019 – 2022

Transaction Type	2019						2020								
	BoBL	BNBL	BDBL	Druk PNBL	T-BANK	BoBL	BNBL	BDBL	Druk PNBL	T-BANK	BoBL	BNBL	BDBL	Druk PNBL	T-BANK
<b>Cash Counter</b>															
Number of Transaction	2,233,396	588,075	945,319	...	154,359	1,528,863	385,701	676,074	...	110,961					
Deposits	1,266,319	384,246	592,404	...	83,181	832,351	237,731	400,737	...	54,682					
Withdrawal	967,077	203,829	352,915	...	71,178	696,512	147,970	275,337	...	56,279					
<b>Amount Transacted (Nu. in million)</b>	<b>106,547.898</b>	<b>45,307.813</b>	<b>70,000.000</b>	...	<b>42,604.995</b>	<b>80,075.562</b>	<b>32,776.470</b>	<b>54,000.000</b>	...	<b>17,470.29</b>					
Deposits	71,086.139	29,585.730	35,000.000	...	21,291.003	53,069.073	19,973.688	27,000.000	...	8,764.151					
Withdrawal	35,461.759	15,722.083	35,000.000	...	21,313.992	27,006.488	12,802.782	27,000.000	...	8,706.143					
<b>ATM Transaction</b>															
Number of Transaction	5,416,670	1,499,114	546,776	...	346,628	4,362,439	1,278,217	433,845	...	77,037					
Deposits	24,269	8,392	...	...	...	20,652	10,580	...	...	0					
Withdrawal	5,392,401	1,490,722	546,776	...	346,628	4,341,787	1,267,637	433,845	...	77,037					
<b>Amount Transacted (Nu. in million)</b>	<b>21,679.417</b>	<b>5,151.191</b>	<b>3,663.502</b>	...	<b>1,108.878</b>	<b>17,389.732</b>	<b>4,213.075</b>	<b>3,493.341</b>	...	<b>232.930</b>					
Deposits	93,809	84,433	...	...	0,000	391,492	89,008	...	...	0,000					
Withdrawal	21,585,609	5,066,757	3,663,502	...	1,108,878	16,998,240	4,124,068	3,493,341	...	232,930					
<b>Mobile App Transaction</b>															
Number of Transaction	26,538,971	917,474	388,003	...	233,859	52,775,225	2,024,897	1,128,407	...	114,231					
Amount Transacted (Nu. in Million)	67,463.318	8,232.419	897.510	...	853.311	122,523.995	11,723.961	2,619.017	...	796.663					

(continued)

(Table 12.1.2 continued)

Transaction Type	2021						2022					
	BoBL	BNBL	BDBL	Druk PNBL	T-BANK		BoBL	BNBL	BDBL	Druk PNBL	T-BANK	
<b>Cash Counter</b>												
<b>Number of Transaction</b>	<b>1,015,524</b>	<b>305,048</b>	<b>19,742.00</b>	...	<b>84,209</b>		<b>1,074,024</b>	<b>282,115.00</b>	<b>445,530</b>	...	<b>70,441</b>	
Deposits	512,675	174,618	9,872	...	43,188		532,578	138,033	207,106	...	34,448	
Withdrawal	502,849	130,430	9,870	...	41,021		541,446	144,082	238,424	...	35,993	
<b>Amount Transacted (Nu. in million)</b>	<b>70,457,642</b>	<b>26,665,072</b>	<b>29,636.93</b>	...	<b>10,883.59</b>		<b>65,348.40</b>	<b>27,037.86</b>	<b>21,962.59</b>	...	<b>6,684.71</b>	
Deposits	37,623,561	15,610,759	14,629,388	...	5,475,915		39,487,498	13,170,660	13,202.19	...	4,218.44	
Withdrawal	32,834,081	11,054,313	15,007,540	...	5,407,677		25,860,907	13,867,196	8,760.40	...	2,466.27	
<b>ATM Transaction</b>												
<b>Number of Transaction</b>	<b>2,486,083</b>	<b>787,162</b>	<b>260,359</b>	...	<b>157,004</b>		<b>1,659,274</b>	<b>190,718</b>	<b>190,261</b>	...	<b>58,865</b>	
Deposits	23,547	10,902	0	...	0		10,140	1,890	0	...	0	
Withdrawal	2,462,536	776,260	260,359	...	157,004		1,649,134	188,828	190,261	...	58,865	
<b>Amount Transacted (Nu. in million)</b>	<b>10,548,855</b>	<b>2,927,599</b>	<b>748.155</b>	...	<b>772.183</b>		<b>8,519,746</b>	<b>882.649</b>	<b>1,930.928</b>	...	<b>236.451</b>	
Deposits	532,349	88,842	0,000	...	0,000		207,871	9,195	0,000	...	0,000	
Withdrawal	10,016,506	2,838,758	748.155	...	772.183		8,311,875	873,454	1,930,928	...	236.45	
<b>Mobile App Transaction</b>												
<b>Number of Transaction</b>	<b>124,068,027</b>	<b>13,218,508</b>	<b>2,633,104.00</b>	...	<b>2,167,224</b>		<b>182,465,561</b>	<b>#####</b>	<b>3,864,227</b>	...	<b>3,804,505</b>	
<b>Amount Transacted (Nu. in Million)</b>	<b>310,842,007</b>	<b>#####</b>	<b>684,636.498</b>	...	<b>12,547,368</b>		<b>392,284,915</b>	<b>16,573,565</b>	<b>27,093.175</b>	...	<b>24,064,944</b>	

Source : Bank of Ehutan, Ehutan National Bank, Ehutan Development Bank, T Bank, Druk PNB, Thimphu.



Table 12.1.3: Monetary Survey, 2018 - 2022

(Nu. in Million)

Items	2018	2019	2020	2021	2022
<b>Monetary Survey Counterparts</b>					
Broad Money (M2)	117,191.020	132,499.080	169,195.240	191,313.456	208,953.320
Foreign assets (Net)	65,533.830	76,816.540	106,058.970	105,787.662	96,908.300
Domestic assets (Net)	51,657.190	55,682.540	63,136.270	85,525.794	112,045.020
Domestic credit	105,639.890	111,988.020	121,251.710	145,330.258	180,098.050
Public sector	8,943.280	(1,969.060)	(749.460)	13,742.825	26,908.200
Government (Net)	2,797.440	(7,707.790)	(7,652.770)	7,256.763	21,446.930
Other public sector <sup>1</sup>	6,145.840	5,738.730	6,903.310	6,486.062	5,461.260
Private sector <sup>2</sup>	96,696.610	113,957.080	122,001.170	131,587.434	153,189.850
Other items (Net)	53,982.700	56,305.480	58,115.440	59,804.465	68,053.020
<b>Monetary Survey Components</b>					
Broad Money (M2)	117,191.020	132,499.080	169,195.240	191,313.456	208,953.320
Narrow money (M1)	68,307.230	71,825.720	95,705.340	106,126.117	115,008.580
Nu. outside banks	9,171.410	10,946.720	11,614.520	10,903.338	10,253.860
Transferable deposits <sup>3</sup>	59,135.820	60,879.000	84,090.830	95,222.779	104,754.730
Current account	25,395.940	24,296.580	32,623.260	34,028.953	40,525.150
Saving deposits	33,739.880	36,582.430	51,467.560	61,193.826	64,229.580
Other Deposits <sup>3</sup>	48,883.790	60,673.370	73,489.900	85,187.339	93,944.740
Time deposits	47,685.180	59,585.240	72,552.340	84,762.318	92,624.970
Foreign currency deposits	1,198.610	1,088.130	937.560	425.021	1,319.770

Note: <sup>1</sup> Includes Government Corporations and Public Sector

<sup>2</sup> Includes Non-Bank Financial Institutions (NBFIs)

<sup>3</sup> The term Demand Deposit and Quasi Money have been replaced by Transferable Deposits and Other Deposits as per the Monetary and Financial Statistics Manual 2000 of IMF.

Source: Monthly Bulletin, Royal Monetary Authority of Bhutan, Thimphu.

Table 12.1.4: Monetary and Financial Statistics of Bank of Bhutan Limited, 2018 – 2022

(Nu. in Million)

Item	2018	2019	2020	2021	2022
<b>Assets Total</b>	<b>54,299.780</b>	<b>64,794.160</b>	<b>85,365.118</b>	<b>97,648.141</b>	<b>104,418.110</b>
Reserve with RMA	13,186.850	15,174.190	30,686.270	40,257.482	30,588.030
Foreign Assets	2,353.780	2,720.310	2,550.138	1,712.144	1,990.030
Indian rupee	644.600	565.570	499.137	533.136	485.910
Other currencies	1,709.180	2,154.740	2,051.001	1,179.008	1,504.110
Claims on Government	0.000	0.000	987.999	987.999	5,737.830
Claims on Govt. Corporations	3,915.020	3,654.540	4,890.277	5,048.322	3,263.770
Claims on Public Sector <sup>1</sup>	750.720	1,045.890	1,298.470	823.311	1,001.140
Claims on Private Sector	34,053.850	42,151.390	44,901.418	48,763.018	61,781.250
Claims on NBFIs	39.560	47.830	50.546	55.865	53.080
<b>Liabilities Total</b>	<b>54,299.783</b>	<b>64,794.161</b>	<b>85,365.118</b>	<b>97,648.141</b>	<b>104,418.110</b>
Demand Deposits	35,755.050	36,079.213	49,925.497	55,798.995	60,632.660
Time Deposits	10,556.944	19,373.113	25,944.933	31,161.822	31,130.170
Foreign Currency Deposits	0.000	0.000	0.000	0.000	0.000
Foreign Liabilities	0.000	0.000	0.000	0.000	0.000
Indian rupee	0.000	0.000	0.000	0.000	0.000
Other currencies	0.000	0.000	0.000	0.000	0.000
Govt. Deposits	0.000	0.000	0.000	0.000	0.000
Domestic Borrowings	0.000	0.000	0.000	0.000	0.000
Capital Accounts	6,921.519	7,516.251	6,735.495	7,507.670	9,025.130
Other Items (Net)	1,066.270	1,825.584	2,759.194	3,179.654	3,630.150

Note: <sup>1</sup> 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: Monthly Statistical Bulletin, Royal Monetary Authority of Bhutan, Thimphu.

Table 12.1.5: Monetary and Financial Statistics of Bhutan National Bank Limited, 2018 - 2022

(Nu. in Million)

Item	2018	2019	2020	2021	2022
<b>Assets Total</b>	<b>35,979.413</b>	<b>38,979.220</b>	<b>47,176.711</b>	<b>54,113.181</b>	<b>60,040.080</b>
Reserves with RMA	5,599.972	5,242.148	9,547.090	13,744.876	9,449.560
Foreign Assets	1,138.163	591.602	1,237.008	1,105.381	2,181.610
Indian rupee	420.577	313.183	335.381	290.109	958.490
Other currencies	717.586	278.419	901.627	815.272	1,223.120
Claims on Government	0.221	0.000	987.999	1,687.999	3,535.170
Claims on Government Corporations	116.953	115.332	115.332	115.332	115.330
Claims on Public Sector <sup>1</sup>	595.681	119.563	119.852	119.700	114.190
Claims on Private Sector	28,028.391	32,663.705	35,107.553	37,283.288	44,593.050
Claims on NBFIs	500.033	246.871	61.877	56.605	51.170
<b>Liabilities Total</b>	<b>35,979.413</b>	<b>38,979.220</b>	<b>47,176.711</b>	<b>54,113.181</b>	<b>60,040.080</b>
Demand Deposits	10,685.827	10,858.387	13,499.637	16,973.891	18,252.770
Time Deposits	14,796.359	17,457.702	22,034.016	25,609.416	28,577.960
Foreign Currency Deposits	1,191.551	1,086.706	936.502	422.011	1,312.250
Foreign Liabilities	0.000	0.000	0.000	0.000	0.000
Indian rupee	0.000	0.000	0.000	0.000	0.000
Other currencies	0.000	0.000	0.000	0.000	0.000
Govt. Deposits	0.000	0.000	0.000	0.000	0.000
Domestic Borrowings	0.000	0.000	0.000	0.000	0.000
Capital Accounts	7,644.832	7,706.084	7,752.246	8,521.979	8,825.540
Other Items (Net)	1,660.845	1,870.341	2,954.310	2,585.884	3,071.550

Note: <sup>1</sup> 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: Monthly Statistical Bulletin, Royal Monetary Authority of Bhutan, Thimphu.

**Table 12.1.6: Monetary and Financial Statistics of Druk PNB Bank Ltd., 2018 - 2022**

(Nu. in Million)

Item	2018	2019	2020	2021	2022
<b>Assets Total</b>	<b>13,236.749</b>	<b>13,984.723</b>	<b>18,828.110</b>	<b>18,543.649</b>	<b>23,992.620</b>
Reserve with RMA	3,916.926	1,907.085	5,768.184	3,982.927	6,252.830
Foreign Assets	599.700	860.508	459.177	296.261	413.320
Indian rupee	353.102	342.949	191.205	159.916	295.870
Other currencies	246.598	517.559	267.971	136.345	117.450
Claims on Government	0.000	0.000	250.000	348.800	498.800
Claims on Govt. Corporations	333.586	424.094	55.000	55.000	74.520
Claims on Public Sector <sup>1</sup>	264.144	132.512	99.266	114.827	121.400
Claims on Private Sector	7,772.341	10,560.550	12,196.484	13,745.834	16,631.760
Claims on NBFIs	350.052	99.976	0.000	0.000	0.000
<b>Liabilities Total</b>	<b>13,236.749</b>	<b>13,984.723</b>	<b>18,828.110</b>	<b>18,543.649</b>	<b>23,992.620</b>
Demand Deposits	4,798.697	5,466.549	8,365.749	6,852.825	9,274.470
Time Deposits	7,084.164	6,734.897	7,918.706	8,587.995	12,084.140
Foreign Currency Deposits	0.000	0.000	0.000	0.000	0.000
Foreign Liabilities	0.000	0.000	0.000	0.000	0.000
Indian rupee	0.000	0.000	0.000	0.000	0.000
Other currencies	0.000	0.000	0.000	0.000	0.000
Govt. Deposits	0.000	0.000	0.000	0.000	0.000
Domestic Borrowings	0.000	0.000	0.000	0.000	0.000
Capital Accounts	1,852.266	1,993.873	2,348.716	2,445.862	2,874.550
Other Items (Net)	(498.378)	(210.595)	194.939	656.967	(240.55)

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

Source: Monthly Statistical Bulletin, Royal Monetary Authority of Bhutan, Thimphu.

**Table 12.1.7: Monetary and Financial Statistics of Bhutan Development Bank Limited, 2018 - 2022**

(Nu. in Million)

Item	2018	2019	2020	2021	2022
<b>Assets Total</b>	<b>24,702.554</b>	<b>25,196.804</b>	<b>28,124.064</b>	<b>31,618.914</b>	<b>28,323.550</b>
Reserves with RMA	5,244.792	4,872.738	6,296.141	8,750.924	6,523.900
Foreign Assets	15.767	9.717	6.882	3.916	7.690
Indian rupee	15.767	9.717	6.882	3.916	7.690
Other currencies	0.000	0.000	0.000	0.000	0.000
Claims on Government	0.000	0.000	329.334	329.334	1,829.330
Claims on Govt. Corporations	65.011	69.587	20.775	0.000	591.120
Claims on Public Sector <sup>1</sup>	33.442	33.442	28.442	28.442	28.440
Claims on Private Sector	18,662.314	19,930.988	21,151.158	22,314.965	19,151.730
Claims on NBFIs	681.227	280.332	291.332	191.332	191.330
<b>Liabilities Total</b>	<b>24,702.550</b>	<b>25,196.800</b>	<b>28,124.064</b>	<b>31,618.914</b>	<b>28,323.550</b>
Demand Deposits	5,068.010	5,699.650	8,685.917	11,276.684	11,855.340
Time Deposits	12,292.330	11,995.170	12,635.233	14,139.519	13,655.500
Foreign Currency Deposits	0.000	0.000	0.000	0.000	0.000
Foreign Liabilities	0.000	0.000	0.000	0.000	172.980
Indian rupee	0.000	0.000	0.000	0.000	0.000
Other currencies	0.000	0.000	0.000	0.000	172.980
Govt. Deposits	0.000	0.000	0.000	0.000	0.000
Domestic Borrowings <sup>2</sup>	868.720	743.710	638.429	501.210	183.580
Capital Accounts	2,391.423	2,341.816	2,745.972	3,114.081	3,505.310
Other Items (Net)	4,082.067	4,416.458	3,418.513	2,587.420	(1,049.15)

Note: BDBL received its license to operate as a specialized deposit-taking commercial bank on March 1, 2010.

<sup>1</sup> With effect from January 1, 2011 Claims on Joint Corporations has been reclassified as Claims on Public Sector as per the new the domestic borrowing reporting format of the Financial Regulations and Supervision Department of the RMA.

<sup>2</sup> Due to changes in the classification of foreign liabilities, the external borrowing of the BDBL has been reclassified as as this borrowing was on lent by Government to the BDBL.

Source: Monthly Statistical Bulletin, Royal Monetary Authority of Bhutan, Thimphu.

**Table 12.1.8: Monetary and Financial Statistics of T-Bank Ltd, 2018 - 2022**

(Nu. in Million)

Item	2018	2019	2020	2021	2022
<b>Assets Total</b>	<b>8,397.762</b>	<b>10,750.295</b>	<b>11,740.595</b>	<b>13,178.797</b>	<b>15,334.270</b>
Reserve with RMA	1,197.963	1,376.944	1,699.891	2,452.750	2,664.320
Foreign Assets	509.523	1,258.095	1,193.462	1,035.007	948.260
Indian rupee	263.770	623.032	809.600	743.272	620.090
Other currencies	245.754	635.063	383.862	291.735	328.160
Claims on Government	40.000	20.000	349.334	349.334	849.330
Claims on Govt. Corporations	0.000	0.000	130.924	64.383	30.160
Claims on Public Sector <sup>1</sup>	71.277	143.764	144.973	116.745	118.200
Claims on Private Sector	6,420.291	7,743.681	8,214.261	8,791.206	10,716.240
Claims on NBFIs	158.708	207.812	7.750	369.371	7.750
<b>Liabilities Total</b>	<b>8,397.762</b>	<b>10,750.295</b>	<b>11,740.595</b>	<b>13,178.797</b>	<b>15,334.270</b>
Demand Deposits	2,828.229	2,775.206	3,614.026	4,320.384	4,739.480
Time Deposits	2,955.382	4,024.350	4,019.449	5,263.565	7,177.200
Foreign Currency Deposits	7.059	1.424	1.060	3.010	7.530
Foreign Liabilities	0.000	0.000	0.000	0.000	0.000
Indian rupee	0.000	0.000	0.000	0.000	0.000
Other currencies	0.000	0.000	0.000	0.000	0.000
Govt. Deposits	0.000	0.000	0.000	0.000	0.000
Domestic Borrowings	0.000	0.000	0.000	0.000	0.000
Capital Accounts	866.636	1,465.526	1,474.334	1,587.556	1,689.730
Other Items (Net)	1,740.455	2,483.789	2,631.726	2,004.282	1,720.330

Note: <sup>1</sup> 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.

Reports on the two new deposit-taking commercial banks (Druk PNB Ltd. & T Bank Ltd.) are available from April 2010.

Source: Monthly Statistical Bulletin, Royal Monetary Authority of Bhutan, Thimphu.

**Table 12.1.9: Monetary and Financial Statistics of Royal Insurance Corporation of Bhutan, 2018 - 2022**

(Nu. in Million)

Item	2018	2019	2020	2021	2022
<b>Assets Total</b>	<b>22,047.985</b>	<b>23,456.043</b>	<b>24,802.126</b>	<b>25,457.756</b>	<b>19,678.480</b>
Reserves	1,318.239	984.327	565.820	1,071.499	452.830
Foreign Assets	141.500	0.000	65.103	25.284	6.890
Indian rupee	0.000	0.000	65.103	25.284	6.890
Other currencies	141.500	0.000	0.000	0.000	0.000
Claims on Govt.	0.000	0.000	0.000	0.000	0.000
Claims on Govt. Corporations	0.000	54.900	173.700	173.700	213.390
Claims on Public Sector	37.790	37.790	37.790	37.790	37.790
Claims on Private Sector	19,088.281	20,726.850	21,077.537	20,872.812	14,540.930
Claims on DMBs	1,403.614	1,593.614	2,793.614	3,188.109	4,338.110
Claims on NBFIs	58.560	58.560	88.561	88.561	88.560
<b>Liabilities Total</b>	<b>22,047.985</b>	<b>23,456.043</b>	<b>24,802.126</b>	<b>25,457.756</b>	<b>19,678.480</b>
Life Fund	4,851.309	4,692.856	4,604.656	2,439.910	2,634.700
PPF Fund	187.008	252.402	254.267	6,898.887	7,476.840
Group Insurance Fund	1,986.400	2,372.328	7,442.866	5,622.576	5,450.010
Credit from DMBs	1,207.097	455.894	-9.288	-10.485	0.000
Credit from NBFIs	2,621.500	2,621.500	2,499.000	1,499.000	0.000
Capital Accounts	969.283	2,312.073	2,404.404	3,936.425	4,237.070
Other Items (Net)	10,225.387	10,748.991	7,606.220	5,071.443	(120.130)

Note: With revision in classification starting from January 2011, Private Provident Fund (PPF), Group Insurance Fund and Life Insurance Fund are clubbed with Other Items Net based on new reporting format introduced by the Financial Regulation and Supervision Department of the RMA.

DMBs = Deposit Money Banks, NBFIs = Non Bank Financial Institutions.

Source: Monthly Statistics Bulletin, Royal Monetary Authority of Bhutan, Thimphu.

**Table 12.1.10: Monetary and Financial Statistics of Bhutan Insurance Limited, December, 2018 - 2022**

(Nu. in Million)

Item	2018	2019	2020	2021	2022
<b>Assets Total</b>	<b>2,156.087</b>	<b>2,349.194</b>	<b>2,454.078</b>	<b>2,795.439</b>	<b>3,258.110</b>
Reserves	297.963	190.772	188.588	204.055	261.330
Foreign Assets	0.000	0.000	0.000	0.000	
Indian rupee	0.000	0.000	0.000	0.000	0.000
Other currencies	0.000	0.000	0.000	0.000	0.000
Claims on Government	0.000	0.000	0.000	0.000	0.000
Claims on Govt. Corporations	0.000	0.000	0.000	0.000	0.000
Claims on Public Sector <sup>1</sup>	1.750	1.750	1.750	3.995	4.390
Claims on Private Sector	1,720.960	1,951.981	2,062.327	2,347.260	2,739.210
Claims on DMBs	75.413	138.691	135.413	174.129	253.190
Claims on NBFIs	60.000	66.000	66.000	66.000	0.000
<b>Liabilities Total</b>	<b>2,156.087</b>	<b>2,349.194</b>	<b>2,454.078</b>	<b>2,795.439</b>	<b>3,258.110</b>
General Insurance Reserve Fund	0.000	0.000	0.000	0.000	0.000
Life Fund	0.000	0.000	0.000	0.000	0.000
PPF Fund	0.000	0.000	0.000	0.000	0.000
Group Insurance Fund	885.670	863.050	996.022	1,320.614	1,370.830
Credit from DMBs	0.000	0.000	0.000	0.000	0.000
Credit from NBFIs	310.500	200.000	351.581	196.309	472.120
Capital Accounts	601.218	689.140	742.332	1,134.909	1,204.110
Other Items (Net)	358.702	597.000	364.143	143.607	211.040

Note: <sup>1</sup> 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 = Non Bank Financial Institutions; DMBs= Deposit Money Banks

Source: Monthly Statistical Bulletin, Royal Monetary Authority of Bhutan, Thimphu.



**Table 12.1.11: Monetary and Financial Statistics of Royal Monetary Authority of Bhutan, 2018 - 2022**

(Nu. in Million)

Item	2018	2019	2020	2021	2022
<b>Assets Total</b>	<b>69,911.040</b>	<b>86,555.808</b>	<b>108,688.840</b>	<b>109,280.498</b>	<b>118,328.410</b>
Foreign Assets	67,916.894	85,483.934	107,612.304	108,634.953	114,887.410
Indian rupee	15,725.526	20,640.196	28,744.211	8,937.100	7,372.650
Other currencies	52,191.368	64,843.738	78,868.093	99,697.853	107,514.760
Claims on DMBs	1,326.302	1,047.935	1,057.745	583.375	1,095.390
Claims on Government	638.001	0.000	0.000	46.221	2,333.110
Claims on Private Sector	29.843	23.938	18.790	15.950	12.490
Claims on NBFIs	0.000	0.000	0.000	0.000	0.000
Government Securities	0.000	0.000	0.000	0.000	0.000
<b>Liabilities Total</b>	<b>69,911.040</b>	<b>86,555.808</b>	<b>108,688.840</b>	<b>109,280.498</b>	<b>118,328.410</b>
Reserve Money	29,898.112	35,566.701	63,161.363	69,159.173	52,456.900
o/w Currency outside banks	9,171.411	10,946.716	11,614.517	10,903.338	11,045.530
Foreign Liabilities	7,000.000	14,107.623	7,000.000	7,000.000	23,347.030
Indian rupee	7,000.000	14,107.623	7,000.000	7,000.000	23,347.030
Other currencies	0.000	0.000	0.000	0.000	0.000
Government Deposits	6,848.351	11,415.951	13,399.340	8,665.280	8,234.430
RMA Bills Outstanding	0.000	0.000	0.000	0.000	0.000
Capital Accounts	5,713.230	3,983.880	3,329.952	1,883.075	3,571.960
Other Items (Net) <sup>1</sup>	20,451.350	21,481.660	21,798.184	22,572.970	30,718.080

Note: Starting from January 2003 onwards, a major reclassifications 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

<sup>1</sup> Other Items (Net) includes money market instruments.

Source: Monthly Statistical Bulletin, Royal Monetary Authority of Bhutan, Thimphu.

**Table 12.1.12: Lending of Financial Institutions by Industry, Amounts Outstanding, 2018 - 2022**

(In Million Nu.)

<b>Industry</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>Agriculture</b>	<b>5,856.998</b>	<b>6,274.678</b>	<b>6,380.225</b>	<b>6,290.098</b>	<b>5,057.845</b>
Bank of Bhutan Ltd	150.379	211.766	212.639	237.918	88.092
Bhutan National Bank Ltd	48.356	83.393	72.705	81.073	72.062
Bhutan Development Bank Ltd	5,640.245	5,904.462	6,017.958	5,892.161	4,844.847
Druk PNB Bank Ltd	9.469	17.795	20.997	20.618	3.668
T Bank Ltd	0.992	2.267	1.850	1.718	20.465
Royal Insurance Corporation of Bhutan Ltd	3.496	51.604	52.763	56.609	28.709
Bhutan Insurance Ltd	4.061	3.390	1.313	...	...
National Pension and Provident Fund	...	...	...	...	...
<b>Service and Tourism</b>	<b>28,744.173</b>	<b>37,106.232</b>	<b>38,605.372</b>	<b>42,255.588</b>	<b>23,904.250</b>
Bank of Bhutan Ltd	10,686.730	13,242.832	14,869.315	16,855.104	9,422.912
Bhutan National Bank Ltd	5,268.387	9,241.086	7,534.139	8,541.189	7,656.120
Bhutan Development Bank Ltd	2,841.988	3,242.758	3,511.090	3,630.201	1,140.449
Druk PNB Bank Ltd	2,498.126	2,772.917	3,397.859	3,801.873	1,454.232
T Bank Ltd	784.871	1,219.272	1,732.638	1,813.008	2,219.603
Royal Insurance Corporation of Bhutan Ltd	6,596.413	7,312.288	7,506.276	7,397.590	1,824.911
Bhutan Insurance Ltd	67.657	75.079	54.055	216.622	81.553
National Pension and Provident Fund	...	...	...	...	104.468
<b>Manufacturing</b>	<b>13,923.645</b>	<b>16,580.081</b>	<b>18,758.407</b>	<b>19,413.199</b>	<b>20,309.037</b>
Bank of Bhutan Ltd	3,965.885	5,032.605	6,617.277	6,790.892	7,118.425
Bhutan National Bank Ltd	4,592.855	4,172.207	4,354.418	4,377.018	3,062.431
Bhutan Development Bank Ltd	848.162	1,028.760	1,039.838	1,126.349	778.705
Druk PNB Bank Ltd	1,857.388	2,782.457	2,958.675	3,214.068	371.480
T Bank Ltd	250.781	291.735	319.805	298.102	3,184.495
Royal Insurance Corporation of Bhutan Ltd	2,246.656	3,086.619	3,281.490	3,337.491	1,915.335
Bhutan Insurance Ltd	161.917	185.697	186.903	269.279	327.328
National Pension and Provident Fund	...	...	...	...	3,550.838
<b>Building and Construction</b>	<b>28,634.504</b>	<b>37,160.111</b>	<b>40,912.257</b>	<b>43,703.595</b>	<b>53,363.002</b>
Bank of Bhutan Ltd	10,073.196	14,221.678	15,536.833	16,312.180	20,997.286
Bhutan National Bank Ltd	8,267.205	10,027.824	11,087.288	11,874.674	13,881.994
Bhutan Development Bank Ltd	3,359.189	4,010.087	4,535.803	5,039.935	4,798.750
Druk PNB Bank Ltd	1,724.949	2,630.317	3,149.098	3,611.335	3,740.527
T Bank Ltd	2,194.396	2,834.275	2,979.241	3,163.403	4,793.948
Royal Insurance Corporation of Bhutan Ltd	2,673.550	2,808.043	2,817.444	2,848.592	2,004.358
Bhutan Insurance Ltd	342.018	627.888	806.550	853.476	864.586
National Pension and Provident Fund	...	...	...	...	2,281.554
<b>Trade and Commerce</b>	<b>16,337.515</b>	<b>16,500.795</b>	<b>20,274.024</b>	<b>20,362.848</b>	<b>15,639.754</b>
Bank of Bhutan Ltd	2,226.195	2,898.601	2,942.601	2,857.487	2,609.254
Bhutan National Bank Ltd	6,632.749	5,293.061	8,558.477	8,362.783	5,362.620
Bhutan Development Bank Ltd	1,415.000	1,636.766	1,948.600	2,266.048	2,025.242
Druk PNB Bank Ltd	1,026.296	1,411.972	1,494.037	1,778.514	908.360
T Bank Ltd	849.863	976.572	1,006.386	941.589	1,916.981
Royal Insurance Corporation of Bhutan Ltd	3,924.136	3,981.069	4,066.625	3,924.851	2,456.069
Bhutan Insurance Ltd	263.276	302.753	257.299	231.576	361.228
National Pension and Provident Fund	...	...	...	...	...

(continued)

(Table 12.1.12 continued)

Industry	2018	2019	2020	2021	2022
<b>Transport</b>	<b>6,842.157</b>	<b>6,336.806</b>	<b>6,448.986</b>	<b>7,224.981</b>	<b>9,440.510</b>
Bank of Bhutan Ltd	2,058.579	1,885.365	1,780.857	1,863.191	2,120.183
Bhutan National Bank Ltd	1,809.309	1,892.258	1,906.590	2,041.251	3,962.909
Bhutan Development Bank Ltd	1,116.035	961.497	1,197.658	1,538.398	1,351.753
Druk PNB Bank Ltd	159.755	147.771	136.637	156.893	315.826
T Bank Ltd	223.592	181.898	214.211	279.394	173.242
Royal Insurance Corporation of Bhutan Ltd	742.584	657.507	620.687	705.724	860.021
Bhutan Insurance Ltd	732.303	610.510	592.346	640.129	656.575
National Pension and Provident Fund	...	...	...	...	...
<b>Personal Loans</b>	<b>13,561.050</b>	<b>14,559.749</b>	<b>14,506.535</b>	<b>14,928.584</b>	<b>15,529.159</b>
Bank of Bhutan Ltd	5,510.168	6,089.154	6,150.947	6,495.178	6,191.479
Bhutan National Bank Ltd	1,141.043	1,597.096	1,253.510	1,575.143	1,440.257
Bhutan Development Bank Ltd	2,736.146	2,428.732	2,338.924	2,293.997	1,572.450
Druk PNB Bank Ltd	641.652	789.572	1,005.797	1,010.706	1,454.752
T Bank Ltd	1,275.329	1,598.262	1,709.247	1,727.788	279.757
Royal Insurance Corporation of Bhutan Ltd	2,172.492	1,971.744	1,935.704	1,782.512	1,155.153
Bhutan Insurance Ltd	84.220	85.189	112.406	43.260	50.637
National Pension and Provident Fund	...	...	...	...	3,384.675
<b>Staff Loans</b>	...	...	...	...	<b>2,339.949</b>
Bank of Bhutan Ltd	...	...	...	...	900.737
Bhutan National Bank Ltd	...	...	...	...	276.602
Bhutan Development Bank Ltd	...	...	...	...	221.628
Druk PNB Bank Ltd	...	...	...	...	479.016
T Bank Ltd	...	...	...	...	218.021
Royal Insurance Corporation of Bhutan Ltd	...	...	...	...	131.597
Bhutan Insurance Ltd	...	...	...	...	34.334
National Pension and Provident Fund	...	...	...	...	78.015
<b>Loan Against Shares</b>	<b>441.258</b>	<b>403.049</b>	<b>384.083</b>	<b>546.671</b>	<b>1,362.204</b>
Bank of Bhutan Ltd	15.858	14.311	16.743	14.743	366.333
Bhutan National Bank Ltd	...	...	...	...	96.447
Bhutan Development Bank Ltd	...	...	...	...	29.120
Druk PNB Bank Ltd	131.148	1.211	0.896	106.268	363.245
T Bank Ltd	256.258	334.808	321.910	344.299	393.347
Royal Insurance Corporation of Bhutan Ltd	...	15.602	15.412	15.278	17.144
Bhutan Insurance Ltd	37.994	37.117	29.122	66.082	96.569
National Pension and Provident Fund	...	...	...	...	...
<b>Government (Short term loans)</b>	<b>420.430</b>	...	...	...	...
Bank of Bhutan Ltd	...	...	...	...	...
Bhutan National Bank Ltd	420.430	...	...	...	...
Bhutan Development Bank Ltd	...	...	...	...	...
Druk PNB Bank Ltd	...	...	...	...	...
T Bank Ltd	...	...	...	...	...
Royal Insurance Corporation of Bhutan Ltd	...	...	...	...	...
Bhutan Insurance Ltd	...	...	...	...	...
National Pension and Provident Fund	...	...	...	...	...
<b>Credit Card</b>	<b>19.980</b>	<b>19.650</b>	<b>34.307</b>	<b>2.047</b>	<b>1.269</b>
Bank of Bhutan Ltd	16.720	16.640	31.103	...	...
Bhutan National Bank Ltd	3.250	3.020	3.204	2.047	1.269
Bhutan Development Bank Ltd	...	...	...	...	...

(continued)

(Table 12.1.12 continued)

Industry	2018	2019	2020	2021	2022
Druk PNB Bank Ltd	...	...	...	...	...
T Bank Ltd	...	...	...	...	...
Royal Insurance Corporation of Bhutan Ltd	...	...	...	...	...
Bhutan Insurance Ltd	...	...	...	...	...
National Pension and Provident Fund	...	...	...	...	...
<b>Others</b>	<b>4,668.100</b>	<b>4,157.400</b>	<b>3,117.296</b>	<b>3,826.178</b>	...
Bank of Bhutan Ltd	939.700	1,085.900	1,023.273	1,511.747	...
Bhutan National Bank Ltd	889.950	614.020	390.906	495.323	...
Bhutan Development Bank Ltd	966.967	708.179	576.087	539.700	...
Druk PNB Bank Ltd	421.340	344.369	101.594	127.545	...
T Bank Ltd	806.775	650.423	304.137	403.033	...
Royal Insurance Corporation of Bhutan Ltd	615.880	730.205	698.966	721.995	...
Bhutan Insurance Ltd	27.514	24.357	22.332	26.835	...
National Pension and Provident Fund	...	...	...	...	...
<b>Service Sector</b>	...	...	...	...	<b>17,839.241</b>
Bank of Bhutan	...	...	...	...	5,220.898
Bhutan National Bank	...	...	...	...	2,598.626
Bhutan Development Bank Limited	...	...	...	...	937.589
TBank Limited	...	...	...	...	471.691
Druk PNB Bank Limited	...	...	...	...	1,120.967
Royal Insurance Corporation of Bhutan	...	...	...	...	1,224.232
Bhutan Insurance Limited	...	...	...	...	72.231
National Pension and Provident Fund	...	...	...	...	6,193.008
<b>Education Loan</b>	...	...	...	...	<b>12,871.893</b>
Bank of Bhutan	...	...	...	...	6,215.446
Bhutan National Bank	...	...	...	...	2,485.707
Bhutan Development Bank Limited	...	...	...	...	231.820
TBank Limited	...	...	...	...	500.785
Druk PNB Bank Limited	...	...	...	...	614.025
Royal Insurance Corporation of Bhutan	...	...	...	...	45.138
Bhutan Insurance Limited	...	...	...	...	...
National Pension and Provident Fund	...	...	...	...	2,778.971
<b>Loan to Contractor</b>	...	...	...	...	<b>9,834.692</b>
Bank of Bhutan	...	...	...	...	2,801.360
Bhutan National Bank	...	...	...	...	2,570.915
Bhutan Development Bank Limited	...	...	...	...	925.408
TBank Limited	...	...	...	...	212.968
Druk PNB Bank Limited	...	...	...	...	928.368
Royal Insurance Corporation of Bhutan	...	...	...	...	2,306.061
Bhutan Insurance Limited	...	...	...	...	89.612
National Pension and Provident Fund	...	...	...	...	...
<b>Loan Against Term Deposits</b>	...	...	...	...	<b>2,557.714</b>
Bank of Bhutan	...	...	...	...	534.605
Bhutan National Bank	...	...	...	...	418.562
Bhutan Development Bank Limited	...	...	...	...	69.117
TBank Limited	...	...	...	...	812.761
Druk PNB Bank Limited	...	...	...	...	722.668
Royal Insurance Corporation of Bhutan	...	...	...	...	...
Bhutan Insurance Limited	...	...	...	...	...
National Pension and Provident Fund	...	...	...	...	...

(continued)

(Table 12.1.12 continued)

Industry	2018	2019	2020	2021	2022
<b>Mining and Quarrying</b>	...	...	...	...	<b>1,691.682</b>
Bank of Bhutan	...	...	...	...	343.7
Bhutan National Bank	...	...	...	...	516.451
Bhutan Development Bank Limited	...	...	...	...	142.903
TBank Limited	...	...	...	...	36.287
Druk PNB Bank Limited	...	...	...	...	238.457
Royal Insurance Corporation of Bhutan	...	...	...	...	335.373
Bhutan Insurance Limited	...	...	...	...	44.256
National Pension and Provident Fund	...	...	...	...	34.253
<b>Forestry and Loggings</b>	...	...	...	...	<b>124.460</b>
Bank of Bhutan	...	...	...	...	5.485
Bhutan National Bank	...	...	...	...	29.855
Bhutan Development Bank Limited	...	...	...	...	79.469
TBank Limited	...	...	...	...	...
Druk PNB Bank Limited	...	...	...	...	...
Royal Insurance Corporation of Bhutan	...	...	...	...	9.651
Bhutan Insurance Limited	...	...	...	...	...
National Pension and Provident Fund	...	...	...	...	...
<b>Loans to Financial Service Providers</b>	...	...	...	...	<b>68.262</b>
Bank of Bhutan	...	...	...	...	...
Bhutan National Bank	...	...	...	...	10.878
Bhutan Development Bank Limited	...	...	...	...	...
TBank Limited	...	...	...	...	...
Druk PNB Bank Limited	...	...	...	...	...
Royal Insurance Corporation of Bhutan	...	...	...	...	...
Bhutan Insurance Limited	...	...	...	...	...
National Pension and Provident Fund	...	...	...	...	57.384
<b>Medical Loans</b>	...	...	...	...	<b>1.642</b>
Bank of Bhutan	...	...	...	...	1.642
Bhutan National Bank	...	...	...	...	...
Bhutan Development Bank Limited	...	...	...	...	...
TBank Limited	...	...	...	...	...
Druk PNB Bank Limited	...	...	...	...	...
Royal Insurance Corporation of Bhutan	...	...	...	...	...
Bhutan Insurance Limited	...	...	...	...	...
National Pension and Provident Fund	...	...	...	...	...
<b>Total</b>	<b>112,607.653</b>	<b>132,761.744</b>	<b>149,421.493</b>	<b>158,553.788</b>	<b>191,936.57</b>

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 12.1.13: Interest Rates by Type of Deposits in Bank of Bhutan, 2018 - 2022**

(Percent)

Type of Deposit	2018	2019	2020	2021	2022
<b>Savings</b>					
Saving deposit account	5.00	5.00	5.00	5.00	4.50
Empower savings account	...	...	5.25	5.25	4.75
Young savers account	5.00	5.00	5.00	5.00	4.50
<b>Fixed Deposit (Individuals)</b>					
3 months to less than 1 year	5.00	5.50	5.50	5.50	4.50
1 year to less than 2 years	6.50	6.75	6.75	6.75	4.50
2 years to less than 3 years	7.00	7.25	7.25	7.25	7.00
3 years less than 5 years	7.25	...	...	...	...
3 years less than 4 years	...	7.50	7.50	7.50	7.25
4 years less than 5 years	...	7.75	7.75	7.75	7.50
5 years less than 7 years	7.25	...	...	...	...
5 years less than 6 years	...	8.00	8.00	8.00	7.75
6 years less than 7 years	...	8.25	8.25	8.25	8.00
7 years and above	7.25	8.50	8.50	8.50	8.25
<b>For Institutions &amp; Companies</b>					
1 month to less than 3 months	...	0.75	0.75	0.75	0.75
3 months to less than 6 months	...	1.50	1.50	1.50	1.50
6 months to less than 1 year	...	3.00	3.00	3.00	3.00
91 days to less than 1 year	...	...	...	...	...
1 year to less than 2 years	6.00	6.00	6.00	6.00	6.00
2 years to less than 3 years	6.50	6.50	6.50	6.50	6.50
3 years to less than 5 years	7.25	...	...	...	...
3 years to less than 4 years	...	7.25	7.25	7.25	7.25
4 years to less than 5 years	...	7.50	7.50	7.50	7.50
5 years to less than 6 years	...	7.75	7.75	7.75	7.75
5 years to less than 7 years	7.25	...	...	...	...
6 years to less than 7 years	...	8.00	8.00	8.00	8.00
7 years & above	7.25	8.25	8.25	8.25	8.25
<b>Recurring Deposit Plus</b>					
91 days to less than 1 year	4.75	4.75	4.75	4.75	4.75
1 year to less than 2 years	6.75	6.75	6.75	6.75	6.75
2 years to less than 3 years	7.25	7.25	7.25	7.25	7.25
3 years to less than 5 years	7.25	7.25	7.25	7.25	7.25
5 years to less than 7 years	7.25	7.25	7.25	7.25	7.25
7 years and above	7.25	7.25	7.25	7.25	7.25

*(continued)*

(Table 12.1.13 continued)

Type of Deposit	2018	2019	2020	2021	2022
<b>Simple Recurring Deposit</b>					
91 days to less than 1 year	5.00	5.00	5.00	5.00	5.00
1 year to less than 2 years	7.00	7.00	7.00	7.00	7.00
2 years to less than 3 years	7.25	7.25	7.25	7.25	7.25
3 years to less than 5 years	7.25	7.25	7.25	7.25	7.25
5 years to less than 7 years	7.25	7.25	7.25	7.25	7.25
7 years and above	7.25	7.25	7.25	7.25	7.25
<b>Flexi Recurring Deposit</b>					
91 days to less than 1 year	4.75	4.75	4.75	4.75	4.75
1 year to less than 2 years	6.75	6.75	6.75	6.75	6.75
2 years to less than 3 years	7.25	7.25	7.25	7.25	7.25
3 years to less than 5 years	7.25	7.25	7.25	7.25	7.25
5 years to less than 7 years	7.25	7.25	7.25	7.25	7.25
7 years and above	7.25	7.25	7.25	7.25	7.25

Note: Empower Savings was introduced since 1st February 2020.

Savings Account Minor was revamped to Young Savers Account since 10th November 2018.

Fixed Deposit interest rate was last revised on 19th September 2019.

Fixed Deposit Interest rate for Institutions & Companies are negotiable.

Recurring Deposit interest rate was last revised on 28th March 2018.

Flexi Recurring Deposit and Simple Recurring Deposit was introduced since 28th March, 2017.

Source: Bank of Bhutan, Thimphu

Table 12.1.14: Interest Rates and Repayment Period by Sector and Type of Loan, Bank of Bhutan Ltd., 2019 – 2022

Sector/Products	As of Sept. 2019			As of Dec 2020			As of Dec 2021			As of Dec 2022		
	Max Tenor (Yrs)	Floating Rate (%)	Fixed Rate (%)	Max Tenor (Yrs)	Floating Rate (%)	Fixed Rate (%)	Max Tenor (Yrs)	Floating Rate (%)	Fixed Rate (%)	Max Tenor (Yrs)	Floating Rate (%)	Fixed Rate (%)
<b>Agriculture</b>												
Term	15	8.00	11.00	15	8.20	10.80	15	8.17	10.85	15	8.17	10.85
Working capital	1	9.00	...	1	9.40	...	1	9.37	...	1	9.37	...
<b>Housing</b>												
Non-commercial	20	8.00	11.00	20	8.00	10.70	20	7.98	10.75	30	7.98	10.75
Commercial	20	9.00	13.00	20	8.90	12.90	20	8.93	12.90	30	8.93	12.90
<b>Personal</b>												
Consumer loan	5	9.00	...	5	8.50	...	5	8.50	...	5	8.40	...
Loan against shares	5	11.00	13.00	5	10.80	12.90	5	10.77	12.95	5	10.77	12.95
Mortgage (loan against immovable assets)	5	9.00	...	5	9.30	...	5	9.27	...	5	9.27	...
Others	1	13.00	...	1	13.00	...	1	12.99	...	1	12.99	...
Festival advance	5	9.00	...	5	9.50	...	5	9.48	...	5	9.48	...
Ladies plus	3	9.00	...	3	9.40	13.50	3	9.37	...	3	9.37	...
Purchase of shares/security	6	8.00	11.00	6	10.90	13.50	6	10.85	13.46	6	10.85	13.46
Settlement loan	2	10.00	...	2	9.70	13.50	2	9.67	...	2	9.67	...
<b>Service</b>												
Hospitality/entertainment/recreational	20	10.00	13.00	20	9.70	12.70	20	9.74	12.75	20	8.50	12.75
IT related business	20	9.00	11.00	20	8.70	11.40	20	8.65	11.38	20	8.50	11.38
Setting up of an institution	20	9.00	12.00	20	8.70	11.70	20	8.72	11.72	20	8.50	11.72
Transport (Tourism)	5	9.00	...	5	8.90	...	5	8.92	...	5	8.50	...
Construction of hotel/resort/restaurant	20	8.00	12.00	20	9.00	12.02	20	7.94	12.02	20	7.94	12.02
Set up of Hotel/Resort/Restaurant	1	12.00	0.00	20	7.94	12.02	1	7.94	12.02	1	7.94	12.02
Workshops and automobiles	1	12.00	...	1	11.66	...	1	11.66	...	1	11.66	...
Working capital	1	10.00	...	1	9.99	...	1	9.99	...	1	9.99	...
Others	5	10.00	...	5	9.99	...	5	9.99	...	5	9.99	...
Public transport	7	10.00	13.00	7	9.72	12.73	7	9.72	12.73	7	9.72	12.73

(continued)



(Table 12.1.14 continued)

Sector/Products	As of Sept. 2019				As of Dec 2020				As of Dec 2021				As of Dec 2022			
	Max Tenor (Yrs)	Floating Rate (%)	Floating reset -5yrs (%)	Fixed Rate (%)	Max Tenor (Yrs)	Floating Rate (%)	Floating reset -5yrs (%)	Fixed Rate (%)	Max Tenor (Yrs)	Floating Rate (%)	Floating reset -5yrs (%)	Fixed Rate (%)	Max Tenor (Yrs)	Floating Rate (%)	Floating reset -5yrs (%)	Fixed Rate (%)
Bridge / temporary loan	1	13.00	...	...	1	13.00	...	...	1	13.00	...	...	1	13.00	...	...
<b>Trade</b>																
Trade & Comm-export packaging credit	1	10.00	...	...	1	9.50	...	...	1	9.50	...	...	1	9.50	...	...
Trade & Comm-hiring units-machinery	5	10.00	...	...	5	9.95	...	...	5	9.95	...	...	5	9.95	...	...
Trade & Comm-contractors and suppliers	3	10.00	...	...	3	10.30	...	...	3	10.30	...	...	3	10.30	...	...
Term loan	10	10.00	11.00	12.00	10	10.21	10.76	12.36	10	10.21	10.76	12.36	10	10.21	10.76	12.36
Trade & Comm-wholesale and retail	1	11.00	...	...	1	11.14	...	...	1	11.14	...	...	1	11.14	...	...
WC for business	1	9.00	...	...	1	9.23	...	...	1	9.23	...	...	1	9.23	...	...
<b>Transport</b>																
Commercial	5	9.00	...	...	5	9.20	...	...	5	9.20	...	...	5	9.20	...	...
Non-commercial	5	9.00	...	...	5	9.44	...	...	5	9.44	...	...	5	9.44	...	...
<b>Education</b>																
Student loan	7	8.00	10.00	11.00	7	7.98	9.80	10.59	7	7.98	9.80	10.59	10	7.98	9.80	10.59
<b>Manufacturing</b>																
Manufacturing	20	10.00	11.00	13.00	20	9.98	10.74	12.72	20	9.98	10.74	12.72	20	9.98	10.74	12.72
WCL-manufacturing	1	10.00	...	...	1	9.97	...	...	1	9.97	...	...	1	9.97	...	...
Hydropower term loan	20	8.00	10.00	10.00	20	8.00	9.80	10.28	20	8.00	9.80	10.28	20	8.00	9.80	10.28
Renewable energy-term loan	20	8.00	9.00	9.00	20	8.00	9.40	9.45	20	8.00	9.40	9.45	20	8.00	9.40	9.45
Mining and quarrying	20	11.00	10.00	13.00	20	10.87	10.50	12.72	20	10.87	10.50	12.72	20	10.87	10.50	12.72
Bridge/ temporary loan	1	13.00	...	...	1	13.00	...	...	1	13.00	...	...	1	13.00	...	...
<b>Others</b>																
Medical loan	...	...	...	...	...	8.49	9.8	10.59	...	8.2	9.8	10.59	7	8.2	...	10.59

Source: Bank of Bhutan Ltd., Thimphu

**Table 12.1.15: Interest Rates of Deposits in Bhutan National Bank Ltd., 2018- 2022**

(Percent)

Type of Deposit	2018	2019	2020	2021	2022
<b>Savings</b>	5.00	5.00	5.00	5.00	5.00
<b>Fixed Deposit (Retail)</b>					
46 days to 90 days	...	...	...	...	...
91 days to 180 days	...	...	...	...	5.50
Less than 181 days	...	...	...	...	...
181 days to less than 1 year	5.50	5.50	5.50	5.50	5.75
1 year to less than 2 years	6.00	6.00	6.00	6.00	6.75
2 years to less than 3 years	6.50	6.50	6.50	6.50	7.25
3 years less than 4 years	7.25	7.25	7.25	7.25	7.50
4 years to less than 5 years	7.50	7.50	7.50	7.50	7.75
5 years to less than 6 years	7.75	7.75	7.75	7.75	8.00
5 years to less than 7 years	...	...	...	...	...
6 years to less than 7 years	8.00	8.00	8.00	8.00	8.25
7 years to less than 8 years	8.25	8.25	8.25	8.25	8.50
7 years to less than 10 years	...	...	...	...	...
8 years to less than 9 years	8.50	8.50	8.50	8.50	8.65
9 years to less than 10 years	8.75	8.75	8.75	8.75	8.75
10 years and above	9.00	9.00	9.00	9.00	9.00
<b>Fixed Deposit (Corporate)</b>					
Up to 30 days	...	...	...	...	1.50
3 months to less than 6 months	Negotiable	Negotiable	...	...	2.00
6 months to less than 1 year	Negotiable	Negotiable	...	...	3.00
1 year to less than 2 years	5.00	5.00	...	...	6.00
2 years to less than 3 years	6.00	6.00	...	...	6.50
3 years less than 4 years	7.25	7.25	7.25	7.25	7.25
4 years to less than 5 years	7.50	7.50	7.50	7.50	7.50
5 years to less than 6 years	7.75	7.75	7.75	7.75	7.75
5 years to less than 7 years	...	...	...	...	...
6 years to less than 7 years	8.00	8.00	8.00	8.00	8.00
7 years to less than 8 years	8.25	8.25	8.25	8.25	8.25
7 years to less than 10 years	...	...	...	...	...
8 years to less than 9 years	8.50	8.50	8.50	8.50	8.50
9 years to less than 10 years	8.75	8.75	8.75	8.75	8.75
10 years and above	9.00	9.00	9.00	9.00	9.00

*(continued)*

(Table 12.1.15 continued)

Type of Deposit	2018	2019	2020	2021	2022
<b>Fixed Deposit (Plus)</b>					
Less than 181 days	...	...	...	...	...
181 days to less than 1 year	...	...	...	...	...
1 year to less than 2 years	...	...	...	...	...
2 years to less than 3 years	...	...	...	...	...
3 years less than 4 years	7.00	7.00	7.32	7.32	7.32
3 years less than 5 years	...	...	...	...	...
4 years to less than 5 years	7.25	7.25	7.53	7.53	7.53
5 years to less than 6 years	7.50	7.50	7.76	7.76	7.76
5 years to less than 7 years	...	...	...	...	...
6 years to less than 7 years	7.75	7.75	7.98	7.98	7.98
7 years to less than 8 years	8.00	8.00	8.21	8.21	8.21
7 years to less than 9 years	...	...	...	...	...
8 years to less than 9 years	8.25	8.25	8.34	8.34	8.34
9 years to less than 10 years	8.50	8.50	8.43	8.43	8.43
10 years and above	8.75	8.75	8.66	8.66	8.66
<b>Recurring Deposits</b>					
1 year to less than 2 years	7.00	7.00	7.00	7.00	7.00
2 years to less than 3 years	7.50	7.50	7.50	7.50	7.50
3 years less than 5 years	8.00	8.00	8.00	8.00	8.00
5 years to less than 7 years	8.50	8.50	8.50	8.50	8.50
7 years and above	8.75	8.75	8.75	8.75	8.75

Source: Bhutan National Bank Ltd., Thimphu

Table 12.1.1.16: Interest Rates and Repayment Period by Sector and Type of Loan, Bhutan National Bank Ltd., 2018 - 2022

Sector/Products	2018			2019			2020			2021			2022		
	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)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repayment Period (Yrs)
<b>Agriculture</b>															
Crop cultivation	8.00	...	5	8.00	...	5	8.00	...	5	8.00	...	5	8.00	...	5
Agro- processing	9.00	...	5-15	9.00	...	5-15	9.00	...	5-15	9.00	...	5-15	9.00	...	5-15
Livestock farming	8 - 8.50	...	5-15	8 - 8.50	...	5-15	8 - 8.50	...	5-15	8 - 8.50	...	5-15	8 - 8.50	...	5-15
Forestry	9.00	...	5-15	9.00	...	5-15	9.00	...	5-15	9.00	...	5-15	9.00	...	5-15
Others	8 - 8.50	...	5-15	8 - 8.50	...	5-15	8 - 8.50	...	5-15	8 - 8.50	...	5-15	8 - 8.50	...	5-15
<b>Production &amp; Manufacturing</b>															
Hydro power	12.00	12.00	10	12.00	...	...	12.00	...	...	12.00	...	...	11.50	12.75	20
Renewable energy	12.00	12.00	10	12.00	...	...	12.00	...	...	12.00	...	...	11.50	12.75	20
Manufacturing enterprises	12.00	12.00	10	12.00	...	...	12.00	...	...	12.00	...	...	11.50	12.75	20
Mining and quarrying	12.00	12.00	10	12.00	12.00	10	12.00	12.00	10	12.00	12.00	10	11.50	12.75	20
Handicrafts & textile production	...	...	...	...	...	...	...	...	...	...	...	...	11.5-8.5	12.75	5
Wood based products	12.00	12.00	10	12.00	...	...	12.00	...	...	12.00	...	...	11.50	12.75	20
Traditional and herbal medicines	...	...	...	...	...	...	...	...	...	...	...	...	11.5-8.5	12.75	20
Others (Working capital)	13.00	13.00	1	13.00	...	...	13.00	...	...	13.00	...	...	12.00	13.00	1
<b>Service</b>															
Tourism	9.00	13.00	20	9.00	13.00	20	9.00	13.00	20	9.00	13.00	20	8.50	5-10.0	20
Hotels & restaurants	9.00	13.00	20	9.00	13.00	20	9.00	13.00	20	9.00	13.00	20	8.50	5-12.5	20
ICT	...	...	...	...	...	...	...	...	...	...	...	...	8.50	11.75	20

(continued)

(Table 12.1.16 continued)

Sector/Products	2018			2019			2020			2021			2022		
	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repay ment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repay ment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repay ment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repay ment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repay ment Period (Yrs)
Consultancy services	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hospitality/entertainment/recreational services	9.00	13.00	20	9.00	9.00	20	9.00	9.00	20	9.00	9.00	20	8.50	11.75	20
Institutional/educational services	9.00	0.13	20	9.00	9.00	20	9.00	9.00	20	9.00	9.00	20	8.50	5-12.5	20
Health services & traditional medicines	...	...	...	...	...	...	...	...	...	...	...	...	8.50	11.75	20
Non-construction (Contract)	11.00	13.00	1	11.00	13.00	1	11.00	13.00	1	11.00	13.00	1	8.50	10-12.5	20
Construction (Contract based)	11.00	13.00	1	11.00	13.00	1	11.00	13.00	1	11.00	13.00	1	8.50	10-12.5	20
Others	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Trade/Commerce</b>															
Retail	11.00	13.00	5	11.00	13.00	5	11.00	13.00	5	11.00	13.00	5	10.50	12.75	5
Wholesale	11.00	13.00	5	11.00	13.00	5	11.00	13.00	5	11.00	13.00	5	10.50	12.75	5
Others (Overdraft)	12.00	13.00	1	12.00	13.00	1	12.00	13.00	1	12.00	13.00	1	12.00	13.00	1
<b>Loans to FI(s)</b>															
Banks	...	Negotiable	1	...	Negotiable	1	...	Negotiable	1	...	Negotiable	1	...	...	...
Non-banks	...	Negotiable	1	...	Negotiable	1	...	Negotiable	1	...	Negotiable	1	...	11.00	1
<b>Housing</b>															
Home loans	9.00	11.00	20	9.00	11.00	20	9.00	11.00	20	9.00	11.00	20	9.00	11.00	30
Commercial loans	10.00	13.00	20	10.00	13.00	20	10.00	13.00	20	10.00	13.00	20	10.00	13.00	30
<b>Transport</b>															
Commercial	11.00	12.00	5	11.00	12.00	5	11.00	12.00	5	11.00	12.00	5	11.00	12.00	5
Non-commercial	11.00	12.00	5	11.00	12.00	5	11.00	12.00	5	11.00	12.00	5	11.00	12.00	5

(continued)

(Table 12.1.16 continued)

Sector/Products	2018			2019			2020			2021			2022		
	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repay ment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repay ment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repay ment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repay ment Period (Yrs)	Floating Interest Rate (% p.a)	Fixed Interest Rate (% p.a)	Repay ment Period (Yrs)
<b>Personal</b>															
Mortgage loan	14.00	14.00	5	10.00	14.00	5	10.00	14.00	5	10.00	14.00	5	13.50	15.00	5
Consumer loan (GE loan)	11.00	10.00	5	11.00	10.00	5	11.00	10.00	5	11.00	10.00	5	9.50	11.00	5
Clean loan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Credit loan	...	1.5% per	4	...	1.5% per	4	...	1.5% per	4	...	1.5% per	4	...	1.5% per	1
Loan against jewellery	14.00	14.00	5	14.00	14.00	5	14.00	14.00	5	14.00	14.00	5	...	...	...
Others	14.00	14.00	5	14.00	14.00	5	14.00	14.00	5	14.00	14.00	5	...	...	...
<b>Loan Against Fixed Deposits</b>															
Loan against fixed deposits	...	1% above TD interest rate	TD Term	...	1% above TD interest rate	TD Term	...	1% above TD interest rate	TD Term	...	1% above TD interest rate	TD Term	...	1% above TD interest rate	TD Term
<b>Loans to the Government</b>															
Loans to government	...	Negotiable	1	...	Negotiable	1	...	Negotiable	1	...	Negotiable	1	...	...	...
<b>Others</b>															
Medical loan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Loan to purchase shares/securities	11.00	12.00	5	11.00	12.00	5	11.00	12.00	5	11.00	12.00	5	11.00	12.00	15
Loan against shares	11.00	12.00	5	11.00	12.00	5	11.00	12.00	5	11.00	12.00	5	11.00	12.00	15
Others	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Source: Bhutan National Bank Ltd., Thimphu

**Table 12.1.17: Interest Rates of Deposits in Druk PNB Bank Ltd., 2018 - 2022**

(Percent)

Type of Deposit	2018	2019	2020	2021	2022
<b>Savings</b>	5.00	5.00	5.00	5.00	5.00
<b>Fixed Deposit (Individual)</b>					
3 months to less than 1 year	3.00	3.00	3.00	3.00	3.00
1 year to less than 2 years	6.50	6.50	6.50	6.50	6.50
2 years to less than 3 years	6.50	6.50	6.50	6.50	6.50
3 years less than 5 years	7.25	7.25	7.25	7.25	7.25
5 years less than 7 years	7.50	7.50	7.50	7.50	7.50
7 years and above	8.75	8.75	8.75	8.75	8.75
<b>Fixed Deposit (Institutions &amp; Companies)</b>					
91 days to less than 1 year	2.00	2.00	2.00	2.00	2.00
1 year to less than 2 years	3.00	3.00	3.00	3.00	3.00
2 years to less than 3 years	4.00	4.00	4.00	4.00	4.00
3 years to less than 5 years	5.00	5.00	5.00	5.00	5.00
5 years to less than 7 years	5.00	5.00	5.00	5.00	5.00
7 years & above	5.00	5.00	5.00	5.00	5.00
<b>Recurring Deposits</b>					
91 days to less than 1 year	2.00	2.00	2.00	3.00	3.00
1 year to less than 2 years	3.00	3.00	3.00	6.50	6.50
2 years to less than 3 years	4.00	4.00	4.00	6.50	6.50
3 years to less than 5 years	5.00	5.00	5.00	7.25	7.25
5 years to less than 7 years	5.00	5.00	5.00	7.50	7.50
7 years & above	5.00	5.00	5.00	8.75	8.75

Source: Druk PNB Bank Ltd., Thimphu

Table 12.1.18: Interest Rates and Repayment Period by Sector and Type of Loan, Druk PNB Bank Ltd., 2019 - 2022

Sector/Products	As of Jan 2019			As of Jan 2020			As of Jan 2021			As of Jan 2022		
	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 (%)	Floating 12 Months (%)	Semi-Fixed 3 yrs reset (%)	Fixed rate - 5 yrs Review (%)
<b>Agriculture</b>												
Agriculture	10.00	...	11.00	10.00	...	11.00	10.00	...	11.00	10.00	...	11.00
Credit aurrantee scheme	...	...	...	...	...	...	...	...	...	...	...	...
Crop cultivation	...	...	...	...	...	...	...	...	...	...	...	...
Agro processing	...	...	...	...	...	...	...	...	...	...	...	...
Livestock farming	10.00	...	11.00	10.00	...	11.00	10.00	...	11.00	10.00	...	11.00
Forestry	...	...	...	...	...	...	...	...	...	...	...	...
EDP/CGS	10.00	10.00	10.00	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	...	...	10.00	...	...
Others	...	...	...	...	...	...	...	...	...	...	...	...
<b>Housing</b>												
Home loan (personal loan below 5 million)	...	...	...	...	...	...	...	...	...	...	...	...
Home loan (personal loan above 5 million)	...	...	...	...	...	...	...	...	...	...	...	...
Home loan (personal loan up to 10 million)	8.00	9.00	9.00	8.00	9.00	9.00	8.00	9.00	9.00	8.00	9.00	9.00
Commercial	10.00	10.00	11.00	10.00	10.00	11.00	10.00	10.00	11.00	10.00	10.00	11.00

(continued)



(Table 12.1.18 continued)

Sector/Products	As of Jan 2019			As of Jan 2020			As of Jan 2021			As of Jan 2022		
	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 (%)	Floating 12 Months (%)	Semi-Fixed 3 yrs reset (%)	Fixed rate - 5 yrs Review (%)
<b>Personal</b>												
Mortgage loan	11.00	...	...	11.00	...	...	11.00	...	...	11.00	...	...
Consumer loan (salary based)	9.00	...	...	9.00	...	...	9.00	...	...	9.00	...	...
Personal loan to Govt. employees with check off facility	10.00	...	...	10.00	...	...	10.00	...	...	10.00	...	...
Clean Loan	14.00	...	...	14.00	...	...	14.00	...	...	14.00	...	...
Credit card	...	...	...	...	...	...	...	...	...	...	...	...
Loan against jewellery	...	...	...	...	...	...	...	...	...	...	...	...
Others	14.00	...	...	14.00	...	...	14.00	...	...	14.00	...	...
<b>Service &amp; Tourism</b>												
Service & tourism	...	...	...	...	...	...	...	...	...	...	...	...
Credit guarantee scheme	...	...	...	...	...	...	...	...	...	...	...	...
Tourism	10.00	11.00	11.00	10.00	11.00	11.00	10.00	11.00	11.00	10.00	11.00	11.00
Hotels & restaurants	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00
ICT	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00
Consultancy services	10.00	11.00	11.00	10.00	11.00	11.00	10.00	11.00	11.00	10.00	11.00	11.00
Hospitality, Entertainment & Recreation	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00

(continued)

(Table 12.1.18 continued)

Sector/Products	As of Jan 2019			As of Jan 2020			As of Jan 2021			As of Jan 2022		
	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 (%)	Floating 12 Months (%)	Semi-Fixed 3 yrs reset (%)	Fixed rate - 5 yrs Review (%)
Institutional/ education services	11.00	12.00	12.00	11.00	12.00	12.00	11.00	12.00	12.00	11.00	12.00	12.00
Health Services & Traditional Medicines	11.00	12.00	12.00	11.00	12.00	12.00	11.00	12.00	12.00	11.00	12.00	12.00
<b>Trade &amp; Commerce</b>												
Trade & commerce	...	...	...	...	...	...	...	...	...	...	...	...
Export packing	...	...	...	...	...	...	...	...	...	...	...	...
Retail	12.00	...	...	12.00	...	...	12.00	...	...	12.00	...	...
Wholesale	12.00	...	...	12.00	...	...	12.00	...	...	12.00	...	...
EPC	11.00	...	...	11.00	...	...	11.00	...	...	11.00	...	...
Overdraft against IP	12.00	...	...	12.00	...	...	12.00	...	...	12.00	...	...
Others	13.00	...	...	13.00	...	...	13.00	...	...	13.00	...	...
<b>Transport</b>												
Commercial (Heavy & lights)	11.00	...	...	11.00	...	...	11.00	...	...	11.00	...	...
Non-commercial												
Govt. employee (Salary based)	10.00	...	...	10.00	...	...	10.00	...	...	10.00	...	...
Private and others	10.00	...	...	10.00	...	...	10.00	...	...	10.00	...	...
Working capital	11.00	...	...	11.00	...	...	11.00	...	...	11.00	...	...

(continued)

(Table 12.1.18 continued)

Sector/Products	As of Jan 2019			As of Jan 2020			As of Jan 2021			As of Jan 2022		
	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 (%)	Floating 12 Months (%)	Semi-Fixed 3 yrs reset (%)	Fixed rate - 5 yrs Review (%)
<b>Education</b>												
Education	12.00	...	...	12.00	...	...	12.00	...	...	12.00	...	...
Corporations												
Govt. owned/ guaranteed (50%)	9.00	...	...	9.00	...	...	9.00	...	...	9.00	...	...
Govt. owned/ guaranteed (= or )	10.00	...	...	10.00	...	...	10.00	...	...	10.00	...	...
Financial institutions												
Banks	9.00	...	...	9.00	...	...	9.00	...	...	9.00	...	...
Non-banks	10.00	...	...	10.00	...	...	10.00	...	...	10.00	...	...
Working capital	10.00	...	...	10.00	...	...	10.00	...	...	10.00	...	...
<b>Production &amp; Manufacturing</b>												
Production & manufacturing	...	...	...	...	...	...	...	...	...	...	...	...
Credit guarantee scheme/EDP	...	...	...	...	...	...	...	...	...	...	...	...
Export packing	...	...	...	...	...	...	...	...	...	...	...	...
Hydro power	...	...	...	...	...	...	...	...	...	...	...	...
Renewable energy	...	...	...	...	...	...	...	...	...	...	...	...
Manufacturing enterprises	11.00	12.00	12.00	11.00	12.00	12.00	11.00	12.00	12.00	11.00	12.00	12.00
Mining & quarrying	11.00	12.00	13.00	11.00	12.00	13.00	11.00	12.00	13.00	11.00	12.00	13.00
Handicrafts & textile productions	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00

(continued)

(Table 12.1.18 continued)

Sector/Products	As of Jan 2019			As of Jan 2020			As of Jan 2021			As of Jan 2022		
	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 (%)	Floating 12 Months (%)	Semi-Fixed 3 yrs reset (%)	Fixed rate - 5 yrs Review (%)
Wood based products	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	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	10.00	10.00	10.00
EPC	11.00	...	...	11.00	...	...	11.00	...	...	11.00	...	...
Working capital	11.00	...	...	11.00	...	...	11.00	...	...	11.00	...	...
Other (Transport)	11.00	12.00	12.00	11.00	12.00	12.00	11.00	12.00	12.00	11.00	12.00	12.00
<b>Contract &amp; Supply Order</b>												
Contract & supply order	...	...	...	...	...	...	...	...	...	...	...	...
Contract (Non construction)	11.00	...	...	11.00	...	...	11.00	...	...	11.00	...	...
Contract (Construction)	12.00	...	...	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	10.00	10.00	10.00
Working capital	12.00	...	...	12.00	...	...	12.00	...	...	12.00	...	...
Others	12.00	...	...	12.00	...	...	12.00	...	...	12.00	...	...
<b>Others</b>												
Share loan & others	...	...	...	...	...	...	...	...	...	...	...	...
Medical loan	...	...	...	...	...	...	...	...	...	...	...	...
Purchase shares/securities	11.00	12.00	12.00	11.00	12.00	12.00	11.00	12.00	12.00	11.00	12.00	12.00

(continued)

(Table 12.1.18 continued)

Sector/Products	As of Jan 2019			As of Jan 2020			As of Jan 2021			As of Jan 2022		
	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 (%)	Floating 12 Months (%)	Semi-Fixed 3 yrs reset (%)	Fixed rate - 5 yrs Review (%)
Against shares	11.00	12.00	12.00	11.00	12.00	12.00	11.00	12.00	12.00	11.00	12.00	12.00
Overdraft	11.00	...	...	11.00	...	...	11.00	...	...	11.00	...	...
Others (PBRD)	...	...	...	...	...	...	...	...	...	...	...	...
<b>MLR Exempted (Staff Incentives only)</b>												
Vehicle loan	5.00	5.00	5.00	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	5.00	5.00	5.00
Festival loan	...	...	...	...	...	...	...	...	...	...	...	...
Soft loan	...	...	...	...	...	...	...	...	...	...	...	...
Establishment loan	...	...	...	...	...	...	...	...	...	...	...	...
OD facilities	...	...	...	...	...	...	...	...	...	...	...	...
Others	...	...	...	...	...	...	...	...	...	...	...	...
<b>Loan against Deposits</b>												
Own deposits	...	...	...	...	...	...	...	...	...	...	...	...
Third party deposits	...	...	...	...	...	...	...	...	...	...	...	...
PSL	...	...	...	...	...	...	...	...	...	...	...	...

Source: Druk PNB Bank Ltd., Thimphu

**Table 12.1.19: Interest Rates of Deposits in Bhutan Development Bank Ltd., 2018 – 2022**

(Percent)

Type of Deposit	2018 <sup>1</sup>	2019 <sup>2</sup>	2020	2021	2022
<b>Savings</b>					
Normal savings	5.75	5.60	0.06	5.60	5.60
Drinchen Ama savings	5.75	5.60	0.06	5.60	5.60
<b>Fixed Deposit (Individual)</b>					
3 months to 4 months	5.90	5.90	5.90	5.90	5.90
4 months to 6 months	5.90	5.90	5.90	5.90	5.90
6 months to 9 months	5.90	5.90	5.90	5.90	5.90
9 months to 1 year	6.00	6.00	6.00	6.00	6.00
1 year to 2 years	7.00	7.00	7.00	7.00	7.00
2 years to 3 years	7.50	7.30	7.30	7.30	7.30
3 years to 4 years	8.00	8.00	8.00	8.00	8.00
4 years to 5 years	8.25	8.00	8.00	8.00	8.00
5 years to 6 years	8.50	8.30	8.30	8.30	8.30
6 years to 7 years	8.60	8.30	8.30	8.30	8.30
7 years to 8 years	9.10	8.75	8.75	8.75	8.75
8 years to 9 years	9.25	8.80	8.80	8.80	8.80
9 years to 10 years	9.35	8.90	8.90	8.90	8.90
Above 10 years	9.50	9.10	9.10	9.10	9.10
<b>For Institutions &amp; Companies</b>					
46 days to 3 months	...	...	...	...	...
3 months to 4 months	4.25	2.00	2.00	2.00	2.00
3 months to 6 months	...	...	2.00	2.00	2.00
4 months to 6 months	4.50	2.00	2.00	2.00	2.00
6 months to 9 months	5.00	3.00	3.00	3.00	3.00
9 months to 1 year	5.50	3.50	3.50	3.50	3.50
1 year to 2 years	6.50	5.25	5.25	5.25	5.25
2 years to 3 years	7.00	6.25	6.25	6.25	6.25
3 years to 4 years	7.50	7.35	7.35	7.35	7.35
4 years to 5 years	7.75	7.60	7.60	7.60	7.60
5 years to 6 years	8.00	7.85	7.85	7.85	7.85
5 years to 7 years	...	...	...	...	...
6 years to 7 years	8.25	8.15	8.15	8.15	8.15
7 years to 8 years	8.50	8.35	8.35	8.35	8.35
7 years to 10 years	...	...	...	...	...
8 years to 9 years	8.75	8.60	8.60	8.60	8.60
9 years to 10 years	9.00	8.80	8.80	8.80	8.80
Above 10 years	9.25	9.10	9.10	9.10	9.10

(continued)

(Table 12.1.19 continued)

Type of Deposit	2018 <sup>1</sup>	2019 <sup>2</sup>	2020	2021	2022
<b>Recurring Deposits</b>					
46 days to 3 months	...	...	...	...	...
3 months to 4 months	...	...	...	...	...
3 months to 6 months	...	...	...	...	...
4 months to 6 months	...	...	...	...	...
6 months to 9 months	5.75	5.75	5.75	5.75	5.75
9 months to 1 year	6.00	6.00	6.00	6.00	6.00
1 year to 2 years	7.00	7.00	7.00	7.00	7.00
2 years to 3 years	7.50	7.50	7.50	7.50	7.50
3 years to 4 years	8.00	8.00	8.00	8.00	8.00
4 years to 5 years	8.25	8.25	8.25	8.25	8.25
5 years to 6 years	8.50	8.50	8.50	8.50	8.50
5 years to 7 years	...	...	...	...	...
6 years to 7 years	8.60	8.60	8.60	8.60	8.60
7 years to 8 years	8.80	8.80	8.80	8.80	8.80
7 years to 10 years	...	...	...	...	...
8 years to 9 years	...	...	...	...	...
9 years to 10 years	9.00	9.00	9.00	9.00	9.00
Above 10 years	9.25	9.10	9.10	9.10	9.10

Note: <sup>1</sup> Fixed deposit of Institutions & Companies for the year 2018 is with effect from 1st April 2018.

<sup>2</sup> Fixed Deposit of Individual for the year 2019 is with effect from 1st July 2019.

Source: Bhutan Development Bank Ltd., Thimphu

Table 12.1.20: Interest Rates and Repayment Period by Sector and Type of Loan, Bhutan Development Bank Ltd, 2019 - 2022

Sector/Products	2019		2020		2021		2022	
	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)
<b>Agriculture &amp; Animal Husbandry</b>								
Agriculture loan	10.00	5	10.25	5	10.25	5	10.25	5
	...	...	...	...	...	...	10.50	10
Animal husbandry loan	11.00	10	10.50	5 to 10	10.50	5 to 10	10.25	5
	...	...	...	...	...	...	10.50	10
DAMC cooperative revolving loan	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
Group term loan	10.00	5	10.00	5	10.00	5	10.00	5
Resettlement term loan	10.00	5	10.00	5	10.00	5	10.00	5
Seasonal loan	12.00	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
<b>Housing Loan</b>								
	10.00	5	10.00	5	10.00	5	10.00	5
Home	10.00	10	10.25	10	10.25	10	10.25	10
	11.00	20	10.50	20	10.50	30	10.50	30
	11.00	5	10.50	5	10.50	5	10.50	5
Commercial	11.00	10	11.00	10	11.00	10	11.00	10
	11.00	20	11.25	20	11.25	30	11.25	30
<b>Personal Loan</b>								
Consumer loan	10.00	5	9.50	5	9.50	5	9.50	5

(continued)



(Table 12.1.20 continued)

Sector/Products	2019		2020		2021		2022	
	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)
Personal loan	14.00	5	13.50	5	13.50	5	13.50	5
Home settlement loan	10.00	5	9.50	5	9.50	5	9.50	5
<b>Staff Loan</b>								
Staff loan- Housing	5.00	5,10,20	5.00	20	5.00	30	5.00	30
Staff loan- Transport	5.00	5	5.00	5	5.00	5	5.00	5
Staff Loan- Education	...	...	...	...	...	...	5.00	5
Staff loan- Personal loan to Staff	...	...	...	...	...	...	5.00	5
Staff Loan- Others	5.00	...	...	...	...	...	...	...
Invoked BG loan	Applying highest interest rate				13	3	...	...
<b>Service Loan</b>								
Service & tourism loan	11.00	5	10.70	5	10.70	5	10.70	5
	11.00	10	11.00	10	11.00	10	11.00	10
	11.00	20	11.20	20	11.20	20	11.20	20
EDP Loan	10.00	10	10.00	10	10.00	10	10.00	10
Construction loan	12.00	5	12.20	5	12.20	5	12.20	5
<b>Trade &amp; Commerce</b>								
General trade loan	12.00	5	12.25	5	12.25	5	12.25	5
Micro enterprise loan (BCCI scheme)	12.00	3	12.00	3	12.00	3	12.00	3
BCCI SME revolving loan	10.00	3	10.00	3	10.00	3	10.00	3
Working capital (OD)	12.00	1	12.00	1	12.00	1	12.00	1
Overdraft general	12.00	1	12.00	1	12.00	1	12.00	1

(continued)

(Table 12.1.20 continued)

Sector/Products	2019		2020		2021		2022	
	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)
<b>Transport Loan</b>								
Transport	13.00	5	12.50	5	12.50	5	12.50	5
Electric/hybrid	...	...	...	...	12.50	7	12.50	7
<b>Education Loan</b>								
Education loan	10.00	5	10.00	5	10.00	5	10.00	5
Education and skill enhancement loan	14.00	6 months	...	...	...	...	...	...
OSSED loan	8.00	5	8.00	5	8.00	5	...	...
<b>Production &amp; Manufacturing</b>								
Manufacturing and industrial loan	11.00	5	11.30	5	11.30	5	11.30	5
	12.00	10	12.30	10	12.30	10	12.30	10
Small scale industrial loan	11.00	5	11.30	5	11.30	5	11.30	5
	12.00	10	11.50	10	11.50	10	11.50	10
Working capital (Term loan)	12.00	1	12.00	1	12.00	1	12.00	1
<b>Share/Equity</b>								
Purchase of share/equity	13.00	5	11.50	5	11.50	5	11.50	5
<b>Loan Against Fixed Deposit</b>								
Loan against corporate deposit	...	...	...	...	...	...	...	...
Loan against fixed deposit	...	...	...	...	...	...	...	...
<b>Inter Bank Borrowing</b>								
Inter bank lending	...	...	...	...	...	...	...	...
<b>Loan to the Government</b>								
Loan to the Government	...	...	...	...	...	...	...	...

Source: Bhutan Development Bank Ltd., Thimphu

Table 12.1.21: Interest Rates of Deposits in T - Bank Ltd., 2018 - 2022

(Percent)

Type of Deposit	2018	2019	2020	2021	2022
<b>Savings</b>	5.25	5.75	5.25	5.25	5.25
<b>Fixed Deposit (Individual)</b>					
45 days	...	...	...	...	...
60 days	...	...	...	...	...
90 days	...	...	...	...	...
91 days to less than 120 days	5.00	5.00	5.00	5.00	5.00
120 days to less than 180 days	5.00	5.00	5.00	5.00	5.00
180 days to less than 270 days	5.50	5.50	5.50	5.50	5.50
270 days to less than 1 year	5.50	5.75	5.75	5.75	5.75
1 year to less than 2 years	6.75	6.75	6.75	6.75	6.75
2 years to less than 3 years	7.25	7.25	7.25	7.25	7.25
3 years to less than 4 years	8.00	8.00	8.00	8.00	8.00
4 years to less than 5 years	8.00	8.00	8.00	8.00	8.00
5 years to less than 6 years	8.25	8.25	8.25	8.25	8.25
7 years to less than 10 years	8.50	8.50	8.50	8.50	8.50
10 years and above	9.00	9.00	9.00	9.00	9.00
<b>Fixed Deposit (Corporate)</b>					
45 days	2.00	2.00	2.00	...	...
60 days	2.25	2.25	2.25	...	...
90 days	2.50	2.50	2.50	2.00	2.00
91 days to less than 120 days	2.75	2.75	2.75	2.50	2.50
120 days to less than 180 days	3.00	3.00	3.00	2.75	2.75
180 days to less than 270 days	3.50	3.50	3.50	3.50	3.50
270 days to less than 1 year	4.00	4.00	4.00	3.75	3.75
1 year to less than 2 years	5.25	5.25	5.25	4.00	4.00
2 years to less than 3 years	6.25	6.25	6.25	5.00	5.00
3 years to less than 4 years	7.25	7.25	7.25	6.00	6.00
4 years to less than 5 years	7.50	7.50	7.50	7.00	7.00
5 years to less than 6 years	8.00	8.00	8.00	7.50	7.50
7 years to less than 10 years	8.50	8.50	8.50	7.50	7.50
10 years and above	8.50	8.50	8.50	7.50	7.50
<b>Recurring Deposits</b>					
45 days	2.50	...	...	...	...
60 days	3.00	...	...	...	...
90 days	3.50	...	...	...	...
91 days to less than 120 days	4.25	5.00	5.00	5.00	5.00
120 days to less than 180 days	4.50	5.00	5.00	5.00	5.00
180 days to less than 270 days	5.75	5.50	5.50	5.50	5.50
270 days to less than 1 year	6.00	5.50	5.75	5.75	5.75
1 year to less than 2 years	7.00	6.75	6.75	6.75	6.75
2 years to less than 3 years	7.50	7.25	7.25	7.25	7.25
3 years to less than 4 years	8.00	8.00	8.00	8.00	8.00
4 years to less than 5 years	8.25	8.00	8.00	8.00	8.00
5 years to less than 6 years	8.50	8.25	8.25	8.25	8.25
7 years to less than 10 years	9.00	8.50	8.50	8.50	8.50
10 years and above	9.50	9.00	9.00	9.00	9.00

Source: T - Bank Ltd., Thimphu

Table 12.1.22: Interest Rates and Repayment Period by Sector and Type of Loan, T Bank Ltd., 2019 - 2022

Sector/Products	2019			2020			2021			2022		
	Max Tenor (Yrs)	Fixed Rate (%)	Floating Rate (%)	Max Tenor (Yrs)	Fixed Rate (%)	Floating Rate (%)	Max Tenor (Yrs)	Fixed Rate (%)	Floating Rate (%)	Max Tenor (Yrs)	Fixed Rate (%)	Floating Rate (%)
<b>Agriculture</b>												
PSL Agriculture	5	8.00	...	5	8.00	...	5	8.00	...	5	8.00	...
<b>Housing</b>												
Home Loan	20	11.00	9.00	20	11.00	10.00	30	11.00	9.75	20	11.00	9.75
Commercial	20	11.00	10.00	20	11.00	10.00	30	11.00	10.00	20	11.00	10.00
<b>Personal</b>												
Consumer loan	5	...	9.00	5	...	9.00	5	...	9.00	5	...	9.00
Mortgage Loan	5	...	13.00	5	...	13.00	5	...	12.50	5	...	12.50
Computer / Gadget Loan	2	...	11.00	2	...	11.00	5	...	11.00	2	...	11.00
Personal Loan	5	...	13.00	5	...	13.00	5	...	13.00	5	...	13.00
Festival Loan	5	...	13.00	5	...	9.00	5	...	9.45	5	...	9.45
<b>Service</b>												
Service & Tourism	20	9.00	9.00	20	10.00	9.00	30	10.00	9.25	20	10.00	9.50
Service & Tourism	10	10.00	9.00	10	10.00	9.00	10	10.00	9.25	10	10.00	9.50
Working Capital for Service & Tourism	7	13.00	13.00	1	...	11.00	1	...	11.00	1	...	11.00
<b>Trading</b>												
Trade & Commerce Loan	7	13.00	13.00	10	13.00	13.00	10	13.00	12.75	10	13.00	12.75
Loan to SME	5	...	11.00	5	...	11.00	5	...	10.75	5	...	10.75
Overdraft for Trade & Commerce	1	...	12.00	1	...	13.00	1	...	12.75	1	...	12.75
PLS Non-Agriculture	10	9.00	...	10	9.00	...	10	8.50	...	10	8.50	...
<b>Transport</b>												
Earth Moving Equipment	5	...	12.00	5	...	13.00	5	...	12.50	5	...	12.50
Transport Heavy (Commercial)	5	...	11.00	5	...	11.00	5	...	10.75	5	...	10.75
Transport for Tourism	5	...	10.00	5	...	10.00	5	...	10.25	5	...	10.25
Transport Public Bus	5	...	10.00	5	...	10.00	5	...	10.25	5	...	11.25
Transport Light (Commercial)	5	...	12.00	5	...	12.00	5	...	11.50	5	...	11.50
Transport Light (Non-Commercial)	5	...	10.00	5	...	10.00	5	...	9.75	5	...	9.75
<b>Education</b>												
Education Loan	5	...	12.00	5	...	12.00	5	...	10.00	5	...	10.00
<b>Production &amp; Manufacturing</b>												
Manufacturing and Industry	15	11.00	10.00	15	11.00	10.00	15	11.00	10.00	15	11.00	10.00
Working Capital for Manufacturing & Industr	1	...	11.00	1	...	11.00	1	...	11.00	1	...	11.00
<b>Others</b>												
Loan Against Shares	10	11.00	11.00	10	11.00	11.00	10	11.00	10.95	10	11.00	10.95

Source: T Bank Ltd., Thimphu

**Table 12.1.23: Interest Rates and Repayment Period by Sector and Type of Loan, National CSI Development Bank Ltd., 2020 -2022**

Sector/Products	2020		2021		2022	
	Max tenor (Yrs)	Fixed Rate (%)	Max tenor (Yrs)	Fixed Rate (%)	Max tenor (Yrs)	Fixed Rate (%)
<b>Micro Loan</b>						
Agriculture	5	2.00	5	5.00	5	5.00
Livestock	5	2.00	5	5.00	5	5.00
Manufacturing & production	5	2.00	5	5.00	5	5.00
Services	5	2.00	5	5.00	5	5.00
<b>Cottage and Small Industry</b>						
Agriculture	10	7.00	10	8.00	10	8.00
Livestock	10	7.00	10	8.00	10	8.00
Manufacturing & production	10	7.00	10	8.00	10	8.00
Services	10	7.00	10	8.00	10	8.00
<b>Export Financing</b>						
Seasonal	1	8.00	1	8.00	1	8.00
Non-seasonal	1	8.00	1	8.00	1	8.00
<b>Working Capital</b>	5	4.00	5	8.00	5	8.00

*Note: The data is with effect from February 2020 till December 2020 with the Bank formally operated.*

*Source: National CSI Development Bank Ltd., Paro*

Table 12.1.24: Development of Insurance Sector in Bhutan, 2018 - 2022

Type of Insurance	Royal Insurance Corporation Ltd.					Bhutan Insurance Ltd.				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
<b>General Insurance</b>										
Market portfolio	Competing with BIL	Competing with BIL	Competing with BIL	Competing with BIL	Competing with BIL	Competing with RICBL	Competing with RICBL	Competing with RICBL	Competing with RICBL	Competing with RICBL
Density of insurance <sup>1</sup> (Nu.)	1,491.49	1,415.90	1,431.84	1,583.66	1,746.74	434.86	426.56	544.50	524.23	
Insurance penetration <sup>2</sup> (%)	0.65	0.59	0.60	0.64	0.59	0.18	0.19	0.22	0.18	
<b>Life Insurance</b>										
Market portfolio	Monopoly (100%)	Monopoly (100%)	Monopoly (100%)	Monopoly (100%)	Monopoly (100%)	...	...	...	...	...
Density of insurance <sup>1</sup> (Nu.)	1,623.48	1,675.32	2,565.31	1,855.16	1,415.16	...	...	...	...	...
Insurance penetration <sup>2</sup> (%)	0.71	0.70	1.08	0.75	0.47	...	...	...	...	...

Note: <sup>1</sup> Density of Insurance is calculated as the ratio of total premiums to total population in a given year.

<sup>2</sup> Insurance penetration is calculated as the ratio of total insurance premiums to gross domestic product in a given year.

There is no Life Insurance at BIL therefore data are not applicable.

Source: Royal Insurance Corporation of Bhutan Ltd. & Bhutan Insurance Ltd., Thimphu

Table 12.1.25: General Insurance Business, 2019 - 2022

Class of Business	Details	2019		2020		2021		2022	
		RICBL	BIL	RICBL	BIL	RICBL	BIL	RICBL	BIL
Motor	Number of policies	41,777	13,449	37,916	12,607	39,863	13,225	35,489	13,795
	Gross Premium (Nu. in Million)	427,969	140,073	378,777	122,258	384,709	121,507	378,128	124,636
	Premium ceded to RI (Nu. in Million)	8,094	38,145	10,871	33,255	...	37,586	11,826	32,365
	Percentage of premium ceded to RI	1.89	27.00	2.87	27.00	...	31.00	3.13	25.97
	Gross sum insured (Nu. in Million)	24,245,459	...	22,568,375	...	26,992,474	5,930,337	23,152	7,661,480
	Total sum reinsured (Nu. in Million)	...	...	...	...	...	...	...	...
Fire	Number of policies	9,443	3,906	9,844	4,095	10,738	4,531	10,807	4,801
	Gross Premium (Nu. in Million)	377,775	126,001	421,965	150,224	486,221	175,389	474,853	154,47
	Premium ceded to RI (Nu. in Million)	519,928	66,176	509,511	73,457	316,548	101,938	285,737	84,686
	Percentage of premium ceded to RI	77.15	53.00	58.45	49.00	65.10	58.00	60.17	54.82
	Gross sum insured (Nu. in Million)	227,838,617	...	251,759,522	...	438,662,164	98,214,451	409,000,852	79,502,380
	Total sum reinsured (Nu. in Million)	162,877,346	...	173,924,436	...	334,935,851	...	261,088,318	...
Marine	Number of policies	607	229	507	275	641	358	846	581
	Gross Premium (Nu. in Million)	22,710	6,573	16,115	5,291	19,664	5,819	29,100	10,577
	Premium ceded to RI (Nu. in Million)	4,445	3,546	3,062	2,096	1,257	2,674	0,798	4,662
	Percentage of premium ceded to RI	11.38	54.00	0.07	40.00	6.40	46.00	2.74	44.08
	Gross sum insured (Nu. in Million)	14,509,114	...	6,342,698	...	9,739,116	6,299,917	13,268,668	8,621,250
	Total sum reinsured (Nu. in Million)	5,083,978	...	295,321	...	100,948	...	349,502	...
Misc	Number of policies	13,612	1,649	5,898	1,712	11,473	1,801	46,024	2,469
	Gross Premium (Nu. in Million)	54,476	49,878	43,287	41,691	49,190	108,995	52,528	110,43
	Premium ceded to RI (Nu. in Million)	34,275	36,675	15,947	33,522	6,183	91,872	10,089	90,808
	Percentage of premium ceded to RI	45.85	74.00	23.12	80.00	12.57	84.00	19.21	82.23
	Gross sum insured (Nu. in Million)	30,585,284	...	22,789,981	...	86,418,371	604,254,005	12,580,887	645,597,970
	Total sum reinsured (Nu. in Million)	5,993,749	...	6,140,044	...	671,820	...	200,130	...
Percentage of SI ceded to RI		19.60	...	26.94	...	0.78	...	1.59	...

(continued)

(Table 12.1.25 continued)

Class of Business	Details	2019		2020		2021		2022	
		RICBL	BIL	RICBL	BIL	RICBL	BIL	RICBL	BIL
Aviation	Number of policies	1	3	2	...	2	...	2	...
	Gross Premium (Nu. in Million)	74.777	99.866	127,484.271	...	127,484	...	35,320	...
	Premium ceded to RI (Nu. in Million)	74.777	99.866	127,484	...	127,484	...	35,320	...
	Percentage of premium ceded to RI	1.00	1.00	0.00	...	1.00	...	1.00	...
	Gross sum insured (Nu. in Million)	292,562.210	7,279.493	7,279.493	...	7,279.493	...	4,473.532	...
	Total sum reinsured (Nu. in Million)	292,562.210	7,279.493	7,279.493	...	7,279.493	...	4,473.532	...
	Percentage of SI ceded to RI	1.00	1.00	1.00	...	1.00	...	100	...
Engineering	Number of policies	228	256	259	...	259	...	309	...
	Gross Premium (Nu. in Million)	67.408	75.300	67,984	...	67,984	...	68,479	...
	Premium ceded to RI (Nu. in Million)	51.918	58.086	43,318	...	43,318	...	48,600	...
	Percentage of premium ceded to RI	0.77	0.77	0.64	...	0.64	...	0.70	...
	Gross sum insured (Nu. in Million)	7,918.465	10,831.809	19,809.089	...	19,809.089	...	19,591.885	...
	Total sum reinsured (Nu. in Million)	5,619.956	7,246.320	10,251.198	...	10,251.198	...	10,807.155	...
	Percentage of SI ceded to RI	0.71	0.67	0.52	...	0.52	...	55.63	...
Rural House Insurance	Number of policies	208	209	205	...	205	...	205	...
	Gross Premium (Nu. in Million)	36.617	37.039	38.447	...	38.447	...	38.634	...
	Premium ceded to RI (Nu. in Million)	0.000	22.224	23.068	...	23.068	...	23.180	...
	Percentage of premium ceded to RI	0.00	0.60	0.60	...	0.60	...	0.60	...
	Gross sum insured (Nu. in Million)	9,190.070	9.135	10,023.060	...	10,023.060	...	9,441.470	...
	Total sum reinsured (Nu. in Million)	0.006	0.000	5,813.016	...	5,813.016	...	5,664.880	...
	Percentage of SI ceded to RI	0.00	0.00	0.58	...	0.58	...	60	...

Note: The total sum reinsured of Rural House Insurance is calculated at 60% of the Total sum insured and the premium ceded to RI is also calculated at 60% of the gross

premium. The Misc Insurance for BIL includes insurance products such as Engineering insurance, aviation insurance and various other misc insurance.

Source: Royal Insurance Corporation of Bhutan Ltd., Bhutan Insurance Ltd., Thimphu



**Table 12.1.26: Life Insurance Schemes Offered by Royal Insurance Corporation of Bhutan Ltd., 2022**  
**I. Participating (Par) Policies (as for those policies which participates in bonus)**

<b>Plan Codes</b>	<b>No. of Policies Sold</b>	<b>Sum Assured (Nu. in Million)</b>
12 years Money Back Policy with profit	1,502	75,294,500.000
15 years Money Back Policy with profit	1,478	73,497,006.000
15 years New Version Money Back Plan	15,389	1,881,865,350.000
20 years New Version Money Back Plan	5,897	775,364,150.000
25 years New Version Money Back Plan	4,172	575,879,200.000
Ashi Nangsa Living Policy- New Version (AN-NV)	1,981	267,258,800.000
Double Cover Endowment Plan with profits (DEPP)	350	32,255,000.000
Gaki Pelzom Life Policy (GPLP)	6,112	939,381,800.000
Pho-mo Joint Life Policy (PHO-MO)	3,481	514,362,120.000
Youth Endowment Assurance Plan (YEAPP)	2,281	268,920,394.000
<b>Total</b>	<b>42,643</b>	<b>5,404,078,320.000</b>

**II. Non-Participating Policies (Non-Par) (as for those policies where guaranteed additions is given or those which do not participate in bonus)**

<b>Plan Codes</b>	<b>No. of Policies Sold</b>	<b>Sum Assured (Nu. in Million)</b>
Children's Money Back Policy with GA - 12 years (CMBP-12)	368	46,500,000.000
Children's Money Back Policy with GA - 15 years (CMBP-15)	271	38,200,000.000
Children's Money Back Policy with GA - 20 years (CMBP-20)	371	53,860,000.000
Double Cover Endowment Plan without profit (DEPP-WP)	170	22,692,358.000
Drongseb Kuendrul Tshe-Sog Ngensung (Micro Credit) - II	489	140,244,282.000
Endowment Plan for Senior Citizen with Guaranteed Addition	535	96,870,600.000
Group Term Insurance (GTI)	29	550,515,000.000
Millennium Education Scheme III (2009 -present)	74,445	12,971,342,637.000
Quendue Ngensung Life Policy II (QNLPII)	11,056	4,456,717,575.680
Quendue Ngensung Life Policy Mortgage Life Assurance Policy - without profit	15	6,649,637.990
Silver Jubilee Term Policy without profit (New)	490	166,070,000.000
Ten-Tsai Mangul Ngenchoel I - 10 Years (PP 10)	738	177,072,575.000
Ten-Tsai Mangul Ngenchoel I - 10 Years (PP 5)	13	3,150,000.000
Ten-Tsai Mangul Ngenchoel I - 5 Years	9,461	1,449,716,359.000
Ten-Tsai Mangul Ngenchoel II	14	1,159,313,317.900
Ashi Nangsa Living Policy old (AN-LIV)	911	105,780,000.000
Lodeth Scheme	2,120	5,688,480.000
Rural Life Insurance (RLI)	614,659	18,439,770,000.000
<b>Total</b>	<b>716,155</b>	<b>21,444,694,342.570</b>

Source: Royal Insurance Corporation of Bhutan Ltd., Thimphu

**Table 12.2.1: Number of Share Holders by Companies, 2018 - 2022**

(Number)

Company	2018	2019	2020	2021	2022
Bhutan Board Products Ltd. (BBPL)	476	496	542	543	567
Bhutan Carbide & Chemical Ltd. (BCCL)	267	265	269	274	302
Bhutan Ferro Alloys Ltd. (BFAL)	43	43	43	43	43
Bhutan Insurance Ltd. (BIL)	4,283	4,476	4,581	4,681	4,635
Bhutan National Bank Ltd. (BNBL)	5,213	6,253	7,204	21,504	21,386
Bhutan Polymers Company Ltd. (BPCL)	127	144	146	164	185
Bhutan Tourism Corpn. Ltd (BTCL)	156	166	164	173	218
Druk Ferro Alloys Ltd. (DFAL)	469	487	541	617	664
Jigme Mining Corporation Ltd.(JMCL)	416	440	443	...	...
Dungsam Polymers Ltd. (DPL)	14,288	14,210	14,199	14,201	14,159
Druk PNB Bank (DPNB)	21,987	21,630	21,548	21,513	21,370
T Bank Ltd. (TBL)	7,609	7,686	7,770	7,804	7,794
Druk Satair Corporation Ltd. (DSCL)	1,262	1,264	1,265	1,264	1,263
Druk Wang Alloys Ltd. (DWAL)	500	534	537	597	675
Kuensel Corporation Ltd. (KCL)	231	246	248	253	271
Penden Cement Authority Ltd. (PCAL)	1,446	1,514	1,635	1,716	1,751
Royal Insurance Corpn. of Bhutan (RICB)	1,606	1,853	1,997	15,734	15,645
State Trading Corpn. of Bhutan Ltd. (STCB)	138	151	232	284	331
GIC-Bhutan Re-Limited (GBRL)	1,132	1,155	1,483	1,597	1,609
Sherza Ventures Ltd. (SVL)	NA	7,116	7,170	7,398	7,554
<b>Total</b>	<b>61,649</b>	<b>70,129</b>	<b>72,017</b>	<b>100,360</b>	<b>100,422</b>

Note: Druk Plaster & Chemicals Ltd. (DPOP) was dissolved on 7th February 2020 and S.D. Eastern Bhutan Coal Company Ltd., (EBCC) on 19th March 2020.

Source: Royal Securities Exchange of Bhutan Ltd. Thimphu.

**Table 12.2.2: Market Price of Shares by Companies, (Closing Price of the Year), 2018 - 2022**

(Ngultrum)

Company	2018	2019	2020	2021	2022
Bhutan Board Products Ltd. (BBPL)	11.450	17.100	14.000	45.130	29.920
Bhutan Carbide & Chemical Ltd. (BCCL)	70.000	73.500	48.020	45.090	34.090
Bhutan Ferro Alloys Ltd. (BFAL)	60.000	60.000	118.730	203.700	83.730
Bhutan Insurance Ltd. (BIL)	54.000	40.500	45.900	60.000	70.000
Bhutan National Bank Ltd. (BNBL)	31.000	35.500	31.650	31.160	32.110
Bhutan Polymers Company Ltd. (BPCL)	12.500	53.680	30.250	49.500	42.000
Bhutan Tourism Corpn. Ltd (BTCL)	41.000	138.600	163.670	203.700	937.110
Druk Ferro Alloys Ltd. (DFAL)	56.640	72.250	59.000	93.000	150.000
Dungsam Polymers Ltd. (DPL)	15.000	15.500	13.650	16.500	15.000
Druk PNB Bank (DPNB)	39.670	78.000	66.000	63.500	58.900
T Bank Ltd. (TBL)	40.000	48.000	39.100	43.000	40.000
Druk Satair Corporation Ltd. (DSCL)	34.000	34.000	34.000	34.000	...
Druk Wang Alloys Ltd. (DWAL)	39.670	73.500	89.000	119.000	135.000
Jigme Mining Corporation Ltd.(JMCL)	70.000	535.500	402.000	...	...
Kuensel Corporation Ltd. (KCL)	...	59.000	54.100	52.000	41.500
Penden Cement Authority Ltd. (PCAL)	92.000	128.000	122.100	105.000	89.000
Royal Insurance Corpn. of Bhutan (RICB)	72.000	78.500	68.000	71.000	66.000
State Trading Corpn. of Bhutan Ltd. (STCB)	34.500	64.000	47.500	61.000	62.000
GIC-Bhutan Re-Limited (GBRL)	25.150	44.000	27.000	29.300	29.000
Sherza Ventures Ltd. (SVL)	...	16.630	18.650	16.750	10.300

Source: Royal Securities Exchange of Bhutan Ltd. Thimphu.

**Table 12.2.3: Total Traded Volume and Value of Shares by Companies, 2019 - 2022**

Company	2019		2020		2021		2022	
	Volume	Value (Nu. in Million)	Volume	Value (Nu. in Million)	Volume	Value (Nu. in Million)	Volume	Value (Nu. in Million)
Bhutan Board Products Ltd. (BBPL)	54,897	1.060	150,579	2.030	108,621	0.370	36,493	26.996
Bhutan Carbide & Chemicals Ltd.(BCCL)	3,045	0.220	600	0.030	900	0.040	453	0.037
Bhutan Ferro Alloys Ltd.(BFAL)	...	...	...	...	...	...	...	...
Bhutan Insurance Ltd.(BIL)	1,661,657	78.880	654,899	28.090	588,052	33.350	542,053	72.398
Bhutan National Bank Ltd.(BNBL)	15,001,313	556.610	17,912,549	557.900	3,743,062	124.450	4,739,872	303.518
Bhutan Polymers Company Ltd.(BPCL)	48,308	1.790	686	0.020	16,454	0.670	15,735	15.391
Bhutan Tourism Corpn. Ltd.(BTCL)	1,628	0.160	606	0.090	3,727	0.720	10,950	13.399
Druk Ferro Alloys Ltd.(DFAL)	125,149	11.050	85,967	5.620	233,081	20.310	226,171	69.689
Dungsam Polymers Ltd.(DPL)	248,353	5.600	146,524	2.230	140,236	2.170	86,706	25.653
Druk PNB Bank Ltd.(DPNB)	2,550	0.080	...	...	332,821	21.200	362,658	45.205
T Bank Ltd. (TBL)	...	...	...	...	220,937	9.500	231,761	19.565
Druk Satair Corpn. Ltd.(DSCL)	147,737	13.490	52,639	4.560	...	...	...	...
Druk Wang Alloys Ltd.(DWAL)	109,034	19.430	...	...	1,110,943	110.320	223,488	63.437
Jigme Mining Corporation Ltd.(JMCL)	1,151,140	54.900	2,142,446	71.800	...	...	...	...
Kuensel Corporation Ltd.(KCL)	681	0.160	1,197	0.500	34,699	1.840	17,847	1.709
Penden Cement Authority Ltd.(PCAL)	49,322	2.150	22,253	1.240	76,663	9.210	92,574	18.255
Royal Insurance Corpn. of Bhutan Ltd.(RICB)	386,941	46.240	46,278	5.850	4,779,702	299.360	22,449,051	3,146.420
State Trading Corpn. of Bhutan Ltd.(STCB)	75,446	3.620	169,742	8.100	92,174	4.720	80,381	9.539
GIC-Bhutan Re-Limited (GBRL)	47,481	0.950	396,778	6.770	1,983,940	55.400	664,883	38.6
Sherza Ventures Ltd. (SVL)	1,159,925	53.790	1,307,544	52.530	721,970	12.270	844,647	26.061
<b>Total</b>	<b>20,274,607</b>	<b>850.180</b>	<b>21,147,495</b>	<b>747.360</b>	<b>14,187,982</b>	<b>2,624.360</b>	<b>30,625,723</b>	<b>3,895.911</b>

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

Source: Annual Report, Royal Securities Exchange of Bhutan Ltd. Thimphu

Table 12.2.4: Earnings Ratio per Share by Companies, 2019 - 2022

Company	2019		2020		2021		2022	
	Earning per Share (EPS)	Price Earning Ratio (PE) Ratio	Earning per Share (EPS)	Price Earning Ratio (PE) Ratio	Earning per Share (EPS)	Price Earning Ratio (PE) Ratio	Earning per Share (EPS)	Price Earning Ratio (PE) Ratio
Bhutan Board Products Ltd. (BBPL)	-1.950	...	-4.200	...	-0.510	...	1.262	23.710
Bhutan Carbide & Chemicals Ltd.(BCCL)	-13.211	...	-7.940	...	17.100	2.640	22.037	1.547
Bhutan Ferro Alloys Ltd.(BFAL)	-7.575	...	-4.930	...	60.740	1.872	44.608	1.877
Bhutan Insurance Ltd.(BIL)	3.271	12.380	2.990	15.340	5.579	10.755	8.282	8.452
Bhutan National Bank Ltd.(BNBL)	0.631	56.250	-1.630	...	1.340	31.160	3.210	10.004
Bhutan Polymers Company Ltd.(BPCL)	2.900	18.509	-2.260	...	2.130	23.272	0.514	81.740
Bhutan Tourism Corpn. Ltd.(BTCL)	17.185	8.065	-25.560	...	-13.341	...	-7.421	...
Druk Ferro Alloys Ltd.(DFAL)	0.737	98.002	15.450	1.530	14.220	6.540	10.801	13.888
Dungsam Polymers Ltd.(DPL)	0.370	41.880	0.353	38.621	-0.426	...	0.260	57.586
Druk PNB Bank Ltd.(DPNB)	2.786	28.000	0.648	101.821	2.699	23.524	2.552	23.083
T Bank Ltd. (TBL)	4.085	11.750	0.281	139.163	1.732	24.829	3.139	12.741
Druk Satair Corpn. Ltd.(DSCL)	-2.024	...	0.226	150.462	-0.220	...	-0.467	...
Druk Wang Alloys Ltd.(DWAL)	3.822	19.230	6.740	13.200	23.561	5.051	10.498	12.860
Jigme Mining Corporation Ltd.(JMCL)	217.340	2.464	...	...	...	...	...	...
Kuensel Corporation Ltd.(KCL)	2.819	20.928	-3.590	...	-2.116	...	-2.512	...
Penden Cement Authority Ltd.(PCAL)	2.086	61.369	6.580	18.550	-2.083	...	-6.565	...
Royal Insurance Corpn. of Bhutan Ltd.(RUCB)	1.882	41.710	-1.970	...	7.95	8.930	-5.04	...
State Trading Corpn. of Bhutan Ltd.(STCB)	2.475	25.854	-0.540	...	4.320	14.110	3.186	19.459
GIC-Bhutan Re-Limited (GBRL)	0.940	46.844	1.317	20.504	1.180	24.803	1.392	20.834
Sherza Ventures Ltd. (SVL)	-1.140	...	-0.520	...	-0.542	...	-1.640	...

Note: EPS = Net Profit of Companies / No. of shares.

Price Earning ratio = Market Price / EPS

Source: Annual Report, Royal Securities Exchange of Bhutan Ltd. Thimphu

**Table 12.2.5: Bhutan Stock Index by Month, 2019 - 2022**

Months	2019	2020	2021	2022
January	...	1006.24	936.17	993.22
February	...	1004.23	947.89	1000.47
March	...	953.32	959.61	994.96
April	...	924.07	950.33	981.65
May	...	929.72	974.3	1109.75
June	...	920.90	991.78	1075.25
July	...	931.07	1014.83	1016.93
August	...	962.17	1023.58	1061.65
September	...	945.27	1036.24	1058.27
October	...	938.89	1033.15	1045.09
November	...	942.80	1021.07	1033.76
December	1000.00	936.08	992.12	1048.14

*Note: Index = Market Capitalization / Base Deviser*

*Index is calculated at the last day of each month*

*Source: Royal Securities Exchange of Bhutan Ltd. Thimphu*

**Table 12.2.6: Dividend Declared by the Company, 2018 - 2022**

(Percent)

Company	2018	2019	2020	2021	2022
Bhutan Board Products Ltd. (BBPL)	...	...	...	...	...
Bhutan Carbide & Chemicals Ltd.(BCCL)	50.00	...	...	110.00	110.00
Bhutan Ferro Alloys Ltd.(BFAL)	150.00	...	...	300.00	350.00
Bhutan Insurance Ltd.(BIL)	...	16.00	...	...	20.00
Bhutan National Bank Ltd.(BNBL)	10.00	0.69	...	...	13.80
Bhutan Polymers Company Ltd.(BPCL)	20.00	...	...	...	...
Bhutan Tourism Corpn. Ltd (BTCL)	30.00	...	...	...	...
Druk Ferro Alloys Ltd.(DFAL)	80.00	10.00	6.50	30.00	18.00
Druk PNB Bank Ltd.(DPNB)	15.00	...	...	...	15.00
Druk Satair Corpn. Ltd.(DSCL)	...	...	...	...	...
Druk Wang Alloys Ltd.(DWAL)	20.00	30.00	65.00	35.00	10.00
Jigme Mining Corporation Ltd.(JMCL)	500.00	500.00	...	...	...
Kuensel Corporation Ltd.(KCL)	12.00	15.00	...	...	...
Penden Cement Authority Ltd.(PCAL)	60.00	...	...	...	...
Royal Insurance Corpn. of Bhutan Ltd.(RICB)	...	...	...	...	...
T Bank Ltd. (TBL)	...	11.00	...	...	9.00
State Trading Corpn. of Bhutan Ltd.(STCB)	21.00	15.00	...	25.00	25.00
Dungsam Polymers Ltd.(DPL)	...	...	...	...	...
GIC-Bhutan Re-Limited (GBRL)	...	...	...	...	6.95
Sherza Ventures Ltd. (SVL)	...	...	...	...	...

*Source: Royal Securities Exchange of Bhutan Ltd. Thimphu.*

Bhutan's developmental efforts are based on the concept of Gross National Happiness (GNH). Good Governance, an important pillar of GNH, is supported by sound public financial management (PFM) practices that aim to promote accountability, transparency, efficiency, and effectiveness. Bhutan is steadily progressing in strengthening these elements for a sound PFM system which is guided by the Public Finance Act (PFA) 2007 (Amended 2012) and the Financial Rules and Regulations (FRR) 2016.

In accordance to the provisions of the Public Finance Act, the Budget has to be formulated based on the Budget Policy and Fiscal Framework Statement (BPFFS) and resource envelope determined by the Macroeconomic Framework Coordination Committee (MFCC). The macro-fiscal performance and outlook has to be considered to ensure that fiscal deficit is contained at manageable level. The Government Performance Management System, which defines the targets and objectives serve as the basis for budget allocation to the agencies. Through this system, the government aims to establish an efficient public resource management system that will reduce wasteful expenditure and ensure that the socio-economic objectives are realized. Further, PFA mandates meeting recurrent/operational expenditures with internal resources of the country.

The Public Debt Policy 2016 prescribes the maximum limit for non-hydro debt at 35% of GDP during a Five-Year Plan (FYP) period. The aim of the policy is to prevent excessive borrowing and ensure debt sustainability. Furthermore, the PFA section 7(d) reiterates that the level of public debt shall be contained such that it will not create undue burden on future generations and threaten national solvency.

### Concepts and Definitions

**Internal Borrowings:** The fund received through the issuance of treasury bills (T-Bills) and other direct borrowings if any is directly received in the Budget Fund Account (BFA). The repayment thereof is also routed through the same Budget Fund Account.

**Cash Balances:** The opening and closing cash balances of the budgetary bodies are included in the Consolidated Receipts and Payments Statement (CRPS) as a government cash balance.

**Grants:** Any unrequited transfer of money or resources from one government unit to another government unit or, from or to a foreign government, an international organization, or a non-governmental organization.

**Loans:** means any resources raised by way of borrowing, entering into hire purchase agreements, entering into financing lease arrangements or accepting debt on assignment from other persons.

**Interest payment:** The total interest payment during the FY on internal borrowings and on external borrowing.

**Subsidies and Transfers:** During the FY, the actual expenditure on account of subsidies and transfers to financial, non-financial institutions and individuals/non-profit organizations.

**Loan repayment:** The principal repayment of loans during the fiscal year which consists of internal borrowings and external borrowings.

**On lending:** The loan proceeds which are on-lent to corporate and other public sector agencies.

**Government Outstanding Debt:** The total government debt outstanding which includes domestic debt and external debt.

**Domestic Outstanding Debt:** The domestic outstanding is the loan towards the internal agencies like National Pension & Provident Fund (NPPF), BHSL and treasury bills etc.

**External Debt outstanding:** The total external debt outstanding is the loan towards external agencies and countries.

**Government Equity Holdings:** The government equity holding in various SOEs and Corporations. This includes government shareholdings in DHI owned and linked companies.

**Government Guarantees:** The guarantees consist of financing for affordable housing project in Phuntsholing to NPPF, for financing for setting up of integrated agro-based industry in Lingmethang to Bhutan Agro Industries Ltd, OESD loan Scheme to youths to BDBL, financing for purchasing new aircraft to Drukair Corporation Ltd.

**Current Deposit Accounts:** (Trust & Revolving Fund, Refundable and other CD accounts) There are eight different kinds of current deposit (CD) accounts as of 30th June 2020 operated by various agencies. This include 205 operated by Gewogs, 24 by Judiciary, 23 by Municipal Corporations, 39 by Central Schools, 37 by Autonomous Schools, 5 Endowment Fund, 10 Refundable, Trust & Revolving Fund and 126 Others.



**Table 13.1: Annual Current Expenditure of the Government by Agency, FY 2017/18 – 2021/22**

(Nu. in Million)

Agency	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Ministry</b>	<b>14,572.039</b>	<b>13,379.639</b>	<b>17,797.914</b>	<b>45,658.819</b>	<b>15,791.477</b>
Ministry of Home & Cultural Affairs	1,856.126	1,957.091	2,743.122	3,832.159	316.721
Ministry of Finance	7,024.070	5,482.261	7,689.107	26,182.113	6,571.035
Ministry of Foreign Affairs	629.519	647.153	776.751	785.301	770.299
Ministry of Agriculture & Forests	2,069.680	2,015.810	2,337.892	3,572.099	1,773.131
Ministry of Economic Affairs	271.238	259.227	424.618	1,078.418	262.241
Ministry of Works & Human Settlement	620.203	650.936	675.060	3,574.986	545.689
Ministry of Information & Communications	265.357	356.403	404.968	1,213.052	373.054
Ministry of Health	1,114.105	1,201.340	1,752.265	3,165.838	1,770.704
Ministry of Education	478.386	564.718	702.567	1,518.594	626.057
Ministry of Labour & Human Resources	243.355	244.700	291.564	736.259	277.223
Royal Bhutan Police	...	...	...	...	2,505.323
<b>Judiciary</b>	<b>292.117</b>	<b>282.620</b>	<b>353.357</b>	<b>372.261</b>	<b>300.498</b>
<b>Thromdes</b>	<b>792.060</b>	<b>875.839</b>	<b>1,237.533</b>	<b>2,761.321</b>	<b>1,393.112</b>
<b>Constitutional Bodies</b>	<b>602.939</b>	<b>798.535</b>	<b>412.472</b>	<b>579.069</b>	<b>774.373</b>
Royal Civil Service Commission	58.984	62.687	67.687	195.097	193.433
Anti-Corruption Commission	84.370	82.934	95.966	116.657	97.986
Election Commission of Bhutan	284.767	477.720	49.180	67.017	301.859
Royal Audit Authority	174.818	175.194	199.639	200.298	181.095
<b>Autonomous Bodies</b>	<b>3,070.256</b>	<b>4,064.676</b>	<b>4,807.795</b>	<b>6,537.654</b>	<b>4,553.005</b>
His Majesty's Secretariat	32.519	34.868	42.888	39.993	39.853
His Majesty's Secretariat (4th King)	20.187	17.952	21.192	20.448	20.636
National Assembly of Bhutan	130.584	133.503	126.388	122.837	120.026
National Council of Bhutan	106.098	82.509	88.151	98.774	80.794
Council For Religious Affairs	664.669	699.247	719.302	916.344	628.580
Cabinet Secretariat	53.716	49.509	150.914	300.983	50.506
Office of The Attorney General	41.611	41.059	50.483	56.656	45.261
Bhutan Olympic Committee	25.972	105.523	111.232	76.756	64.677
Dzongkha Development Commission	18.786	20.139	19.016	32.543	16.785
National Land Commission	156.783	150.498	189.563	225.969	144.622
Centre for Bhutan Studies and GNH Research	40.462	33.457	18.043	23.582	44.596
Gross National Happiness Commission	39.768	42.648	44.880	116.571	40.946
National Environment Commission	30.952	34.982	48.799	185.823	39.698

(continued)

(Table 13.1 continued)

Agency	2017/18	2018/19	2019/20	2020/21	2021/22
Royal Institute of Management	47.374	43.644	56.383	98.509	59.524
Royal University of Bhutan	32.144	706.409	862.575	1,183.932	949.905
National Statistics Bureau	48.481	34.134	35.910	40.803	33.244
Bhutan Narcotics Control Authority	22.720	25.793	25.015	36.340	22.773
Bhutan Information Communication Media Authority	18.243	14.038	19.500	211.997	18.222
Drug Regulatory Authority	15.693	16.099	16.926	21.690	17.036
Tourism Council of Bhutan	59.486	60.928	63.838	158.419	47.278
National Commission for Women & Children	16.460	16.023	20.166	38.899	17.762
Royal Education Council	37.192	34.279	42.530	71.697	...
Bhutan Council for School Examination & Assessment	118.717	128.948	153.731	122.187	107.283
Royal Privy Council	14.949	12.039	13.907	12.017	12.485
Bhutan Standard Bureau	27.637	27.112	30.347	33.456	25.851
Khesar Gyalpo University of Medical Sciences of Bhutan	43.731	110.810	146.159	167.274	153.475
Jigme Singye Wangchuk School of Law	31.154	28.565	44.500	301.209	43.499
Bhutan National Legal Institute	15.837	12.071	14.033	22.773	11.261
Civil Society Organizations Authority	2.804	3.689	4.966	6.154	4.811
Jigme Dorji Wangchuk National Referral Hospital	1,050.200	1,223.029	1,500.811	1,587.934	1,574.341
Construction Development Authority	13.089	13.752	15.382	19.096	15.841
National Center for Hydrology and Meteorology	78.711	89.100	98.225	131.951	68.243
Bhutan Health Trust Fund	6.941	10.134	0.000	0.000	0.000
Bhutan Medical & Health Council	6.586	8.186	9.088	9.349	8.590
National Film Commission	...	...	1.405	5.252	2.293
Media Council	...	...	1.547	4.321	3.579
Bhutan Civil Aviation Authority	...	...	...	35.116	18.729
National Service	...	...	...	...	...
<b>Dzongkhag Administration</b>	<b>7,749.157</b>	<b>7,902.124</b>	<b>10,220.268</b>	<b>17,090.148</b>	<b>10,804.073</b>
<b>Gewog Administration</b>	<b>416.144</b>	<b>465.229</b>	<b>696.014</b>	<b>3,489.054</b>	<b>820.701</b>
<b>Total Expenditure</b>	<b>27,494.712</b>	<b>27,768.662</b>	<b>35,525.353</b>	<b>76,488.326</b>	<b>34,437.239</b>

Note: The current expenditure of Royal Bhutan Police is included under Ministry of Home & Cultural Affairs.

Source : Annual Financial Statement (AFS), Department of Treasury and Accounts, Ministry of Finance, Thimphu.

**Table 13.2: Annual Capital Expenditure of the Government by Agency, FY 2017/18 – 2021/22**

(Nu. in Million)

Agency	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Ministry</b>	<b>19,180.351</b>	<b>10,624.289</b>	<b>12,019.290</b>	<b>14,570.547</b>	<b>18,540.963</b>
Ministry of Home & Cultural Affairs	1,306.250	826.771	1,080.840	1,058.631	1,144.660
Ministry of Finance	4,153.680	1,164.748	3,646.012	3,770.199	2,321.407
Ministry of Foreign Affairs	110.470	47.913	284.373	62.828	302.717
Ministry of Agriculture & Forests	1,430.250	1,146.353	1,198.271	1,809.275	1,980.873
Ministry of Economic Affairs	945.390	358.270	514.971	720.827	1,267.938
Ministry of Works & Human Settlement	7,247.651	4,550.101	2,350.291	3,020.952	4,788.953
Ministry of Information & Communications	873.400	473.999	763.642	863.959	1,416.868
Ministry of Health	1,137.380	939.785	1,015.532	1,688.981	2,534.717
Ministry of Education	1,251.430	756.368	884.554	1,102.604	1,688.921
Ministry of Labour & Human Resources	724.450	359.981	280.804	472.291	808.301
Royal Bhutan Police	...	...	...	...	285.608
<b>Thromdes</b>	<b>130.660</b>	<b>785.022</b>	<b>1,002.689</b>	<b>1,507.937</b>	<b>2,174.374</b>
<b>Judiciary</b>	<b>152.830</b>	<b>83.641</b>	<b>58.432</b>	<b>71.944</b>	<b>93.176</b>
<b>Constitutional Bodies</b>	<b>430.020</b>	<b>265.810</b>	<b>168.548</b>	<b>206.535</b>	<b>352.353</b>
Royal Civil Service Commission	227.150	111.084	91.910	145.923	183.499
Anti-Corruption Commission	27.920	44.229	46.873	28.201	57.610
Election Commission of Bhutan	24.670	34.548	5.448	11.911	65.684
Royal Audit Authority	150.280	75.949	24.317	20.500	45.560
<b>Autonomous Bodies</b>	<b>2,100.000</b>	<b>1,671.533</b>	<b>1,695.933</b>	<b>1,951.546</b>	<b>3,024.467</b>
His Majesty's Secretariat	0.710	7.789	7.277	3.310	3.493
His Majesty's Secretariat (4th King)	0.050	0.176	0.000	1.912	1.953
National Assembly of Bhutan	2.150	45.433	56.340	4.252	2.179
National Council of Bhutan	3.660	25.877	52.241	18.049	4.885
Council for Religious Affairs	241.330	109.216	270.104	274.638	265.334
Cabinet Secretariat	23.580	15.607	39.714	50.523	438.781
Office of the Attorney General	7.670	3.458	12.037	14.596	83.704
Bhutan Olympic Committee	147.320	114.192	36.242	9.920	117.623
Dzongkha Development Commission	9.640	7.574	14.556	14.095	8.053
National Land Commission	97.500	104.057	67.080	73.989	66.709
Centre for Bhutan Studies and GNH Research	133.830	181.425	94.858	6.790	15.479
Gross National Happiness Commission	119.880	91.106	58.038	79.278	149.824
National Environment Commission	55.190	48.270	36.930	148.230	391.834

(continued)

(Table 13.2 continued)

<b>Agency</b>	<b>2017/18</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>
Royal Institute of Management	28.020	19.684	12.549	43.803	24.850
Royal University of Bhutan	546.660	193.039	257.764	246.526	381.103
National Statistics Bureau	6.400	18.136	2.640	11.781	69.626
Bhutan Narcotics Control Agency	6.300	6.026	8.158	10.186	9.953
Bhutan Information Communication Media Authority	19.600	176.313	68.821	197.172	97.014
Drug Regulatory Authority	6.020	3.211	6.035	5.287	8.092
Tourism Council of Bhutan	46.350	22.235	80.831	108.825	102.281
National Commission for Women & Children	43.280	56.217	16.307	22.368	19.762
Royal Education Council	54.160	26.636	50.279	40.956	...
Bhutan Council for School Examination & Assessment	12.340	4.116	12.687	12.441	17.816
Royal Privy Council	1.310	3.999	0.440	0.070	0.460
Bhutan Standard Bureau	3.450	4.882	4.536	4.312	2.845
Khesar Gyalpo University of Medical Sciences of Bhutan	31.890	39.573	38.772	15.983	40.433
Jigme Singye Wangchuk School of Law	203.520	87.356	187.545	260.504	220.448
Bhutan National Legal Institute	6.870	5.246	7.690	9.839	6.531
Civil Society Organizations Authority	4.100	1.314	3.119	1.459	0.591
Jigme Dorji Wangchuck National Referral Hospital	142.220	173.775	138.702	169.971	290.844
Construction Development Authority	6.190	2.612	4.215	5.809	6.827
National Center for Hydrology and Meteorology	86.360	70.405	44.034	60.763	91.215
Bhutan Health Trust Fund	0.870	...	...	...	...
Bhutan Medical & Health Council	1.580	2.578	1.833	1.390	2.187
National Film Commission	...	...	2.142	2.963	41.313
Media Council	...	...	1.417	0.615	0.959
Bhutan Civil Aviation Authority	...	...	...	18.941	39.466
National Service	...	...	...	...	...
<b>Dzongkhag Administration</b>	<b>4,683.986</b>	<b>1,853.334</b>	<b>4,759.589</b>	<b>6,543.185</b>	<b>7,934.947</b>
<b>Gewog Administration</b>	<b>2,158.800</b>	<b>1,001.842</b>	<b>2,343.452</b>	<b>2,724.334</b>	<b>2,591.616</b>
<b>Total Expenditure</b>	<b>28,836.647</b>	<b>16,285.471</b>	<b>22,047.933</b>	<b>27,576.028</b>	<b>34,711.896</b>

Note: The annual capital expenditure of Royal Bhutan Police is included under Ministry of Home & Cultural Affairs.

Source : Annual Financial Statement (AFS), Department of Treasury and Accounts, Ministry of Finance, Thimphu.

Table 13.3: The Sector-wise Government Expenditures, FY 2018/19 - 2021/22

(Nu. in Million)

Sectors	2018/19		2019/20		2020/21		2021/22	
	Current	Capital	Current	Capital	Current	Capital	Current	Capital
<b>Social Services</b>	<b>0.000</b>	<b>0.000</b>	<b>14,558.022</b>	<b>4,616.914</b>	<b>12,515.020</b>	<b>5,485.810</b>	<b>10,914.120</b>	<b>7,005.350</b>
Health	3,477.292	1,378.828	4,706.790	1,728.617	4,169.380	2,339.930	4,223.270	2,991.040
Education	7,632.240	1,865.049	9,851.232	2,888.297	8,345.640	3,145.880	6,690.850	4,014.310
<b>Economic Services</b>	<b>3,816.777</b>	<b>6,712.038</b>	<b>4,435.824</b>	<b>7,630.572</b>	<b>3,462.800</b>	<b>11,942.958</b>	<b>3,312.262</b>	<b>15,897.941</b>
RNR services	2,432.000	2,161.225	2,793.301	4,321.797	2,096.800	6,555.930	2,016.059	6,593.612
Mining, manufacturing & industries services	173.405	218.838	102.870	68.227	92.343	75.293	86.493	82.665
Transport & communication services	899.638	3,867.983	965.699	2,393.862	808.670	3,097.570	829.510	4,495.600
Energy services	125.347	163.937	137.179	145.776	109.847	162.005	107.265	173.794
Other economic services	186.387	300.055	436.775	700.910	355.140	2,052.160	272.935	4,552.270
<b>Housing &amp; Public Amenity Services</b>	<b>481.634</b>	<b>2,454.451</b>	<b>583.901</b>	<b>2,303.756</b>	<b>449.524</b>	<b>2,657.000</b>	<b>347.005</b>	<b>3,396.650</b>
<b>General Public Services</b>	<b>9,442.771</b>	<b>2,514.323</b>	<b>12,166.960</b>	<b>5,384.516</b>	<b>23,424.530</b>	<b>5,364.510</b>	<b>16,169.020</b>	<b>5,879.534</b>
General public service	680.004	70.392	11,335.329	5,384.516	21,561.120	5,364.510	12,637.830	5,144.410
Public debt services	8,762.767	2,443.931	831.631	...	1,863.410	0.000	3,531.190	735.124
<b>Religion &amp; Cultural Services</b>	<b>907.121</b>	<b>994.333</b>	<b>939.227</b>	<b>1,659.834</b>	<b>796.301</b>	<b>1,766.810</b>	<b>781.830</b>	<b>2,001.730</b>
<b>Public Order &amp; Safety Services</b>	<b>2,010.827</b>	<b>366.448</b>	<b>2,841.421</b>	<b>451.337</b>	<b>2,867.610</b>	<b>358.946</b>	<b>2,920.480</b>	<b>530.685</b>
<b>Total Expenditure</b>	<b>16,659.130</b>	<b>13,041.593</b>	<b>35,525.355</b>	<b>22,046.929</b>	<b>43,515.785</b>	<b>27,576.034</b>	<b>34,444.717</b>	<b>34,711.890</b>

Source : Annual Financial Statement (AFS), Department of Treasury and Accounts, Ministry of Finance, Thimphu.

Table 13.4: National Revenue Collections, FY 2017/18 - 2021/22

(Nu. in Million)					
Revenue Heads	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Revenue</b>	<b>39,014.431</b>	<b>34,707.670</b>	<b>36,218.876</b>	<b>35,855.450</b>	<b>39,043.073</b>
<b>Taxes</b>	<b>27,107.896</b>	<b>27,171.147</b>	<b>22,792.988</b>	<b>20,661.770</b>	<b>25,843.052</b>
<b>Taxes on Income, Profits and Capital Gains</b>	<b>11,906.535</b>	<b>12,088.909</b>	<b>10,941.288</b>	<b>9,687.420</b>	<b>13,325.760</b>
Corporate income tax	9,033.275	9,117.405	7,511.681	7,241.530	10,063.607
Business income tax	1,496.719	1,422.493	1,138.905	1,078.540	1,298.427
Personal income tax	1,341.866	1,549.011	2,290.702	1,367.350	1,963.727
Other direct tax revenue	34.675	0.000	0.000	0.000	0.000
<b>Taxes on Property</b>	<b>0.000</b>	<b>33.454</b>	<b>27.239</b>	<b>138.914</b>	<b>144.625</b>
Recurrent taxes on immovable property (Dzongkhag Municipality)	0.000	7.226	4.930	8.976	8.986
Taxes on capital transactions	0.000	26.227	22.309	129.938	135.638
<b>Taxes on Goods and Services</b>	<b>10,055.680</b>	<b>9,603.992</b>	<b>6,916.825</b>	<b>5,438.252</b>	<b>7,452.002</b>
Sales tax	4,283.034	4,739.184	4,945.881	4,110.600	5,608.668
Excise	4,834.083	3,405.802	802.989	341.859	386.229
Green tax	938.563	1,025.515	812.455	593.788	992.864
Taxes on use of goods and on permission to use goods or perform activities	0.000	433.491	355.500	392.005	464.240
<b>Taxes on International Trade and Transactions</b>	<b>773.186</b>	<b>678.108</b>	<b>467.997</b>	<b>555.082</b>	<b>509.978</b>
Customs and other import duties	773.186	678.108	467.997	555.082	509.978
<b>Other Taxes</b>	<b>4,372.495</b>	<b>4,766.683</b>	<b>4,439.639</b>	<b>4,842.091</b>	<b>4,410.687</b>
Passenger service charge	0.000	154.229	112.118	19.331	0.000
Duties	0.000	22.027	19.588	0.000	0.000
Payable solely by business	0.000	0.000	0.000	19.331	23.890
Royalty	3,974.440	4,590.427	4,307.934	4,822.760	4,386.797
Other indirect tax	398.055	0.000	0.000	0.000	0.000
<b>Other Revenue</b>	<b>5,906.134</b>	<b>6,321.851</b>	<b>12,014.096</b>	<b>14,039.480</b>	<b>11,544.267</b>
<b>Property Income</b>	<b>5,906.134</b>	<b>6,247.944</b>	<b>12,046.187</b>	<b>14,025.286</b>	<b>11,555.825</b>
Interest receipt from corporations	1,845.938	1,242.465	887.388	1,570.640	2,562.471
Dividend	4,060.196	3,405.356	4,605.708	3,039.050	4,081.258
Withdrawals from income of quasi-corporations	0.000	1,550.243	6,515.193	9,376.580	4,843.437
Miscellaneous rent	0.000	49.880	37.898	39.016	68.660

(continued)

(Table 13.4 continued)

Revenue Heads	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Social Contributions</b>	<b>0.000</b>	73.907	-32.091	14.192	-11.558
Health contribution	0.000	73.907	-32.091	14.192	-11.558
Fines & penalties	0.000	0.000	0.000	0.000	0.000
<b>Current Revenue from Government Agencies</b>	<b>3,832.703</b>	<b>1,189.757</b>	<b>1,333.344</b>	<b>1,073.250</b>	<b>1,233.823</b>
<b>Administrative Fees &amp; Charges*</b>	<b>730.585</b>	<b>815.807</b>	<b>974.040</b>	<b>764.414</b>	<b>834.439</b>
Economic services	0.00	358.625	653.756	520.311	563.411
Social services	0.00	50.414	35.048	99.280	136.872
General services	0.00	406.768	285.236	144.823	134.156
<b>Sale of Goods and Commodities</b>	<b>3,102.118</b>	<b>373.950</b>	<b>359.303</b>	<b>308.831</b>	<b>399.385</b>
Economic services	0.00	57.161	37.934	39.912	50.438
General services	0.00	1.215	0.783	0.635	0.588
Miscellaneous and unidentified revenue*	3,102.118	315.574	320.586	268.284	348.358
<b>Capital Revenue from Government Agencies</b>	<b>24.639</b>	<b>24.916</b>	<b>78.448</b>	<b>80.954</b>	<b>421.931</b>
<b>Capital Receipts</b>	<b>24.639</b>	<b>24.916</b>	<b>78.448</b>	<b>80.954</b>	<b>421.931</b>
Economic services	24.639	24.916	78.448	80.954	421.931

Note: Revenue table is revised from FY 2018-19 due to up gradation of revenue classification as per GFSM2014. Hence, the new table is in more detailed classification. Majority of past 3 years revenue items were re-classified and put under new update but those which are not able to classify are marked (\*) to guide the users and avoid the distortion of past data. (Marked (\*) will be removed overtime). Other direct and indirect taxes marked (\*) is added in new table to accommodate the past data not classified as per new update. \* Miscellaneous and unidentified revenue under the sale of goods and commodities includes 1. Revenue from Govt. departments, 2. Other Non-Tax revenue, 3. Transfer of profits.

Source : Annual Financial Statement (AFS), Department of Treasury and Accounts, Ministry of Finance, Thimphu.

Table 13.5: Fiscal Framework of Government, FY 2017/18 – 2021/22

(Nu. in Million)

Item	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Revenue &amp; Grants</b>	<b>52,113.168</b>	<b>42,033.296</b>	<b>54,603.868</b>	<b>59,696.120</b>	<b>54,354.617</b>
<b>Domestic Revenue</b>	<b>36,871.372</b>	<b>34,707.670</b>	<b>36,218.876</b>	<b>35,855.450</b>	<b>39,043.073</b>
Tax	27,107.897	27,171.147	22,792.988	20,661.770	25,843.052
Non-Tax	9,763.475	7,536.523	13,425.887	15,193.680	13,200.021
<b>Other Receipts</b>	<b>394.726</b>	<b>(3,190.855)</b>	<b>1,959.242</b>	<b>8,958.380</b>	<b>1,728.035</b>
<b>Grants</b>	<b>14,847.070</b>	<b>10,516.481</b>	<b>16,425.750</b>	<b>14,882.290</b>	<b>13,583.509</b>
<b>Programme Grants</b>	<b>1,700.000</b>	<b>989.520</b>	<b>2,550.000</b>	<b>1,700.000</b>	<b>850.000</b>
GoI	1,700.000	850.000	2,550.000	1,700.000	850.000
Others	...	139.520	...	...	...
<b>Project Tied Grants</b>	<b>13,147.070</b>	<b>9,526.961</b>	<b>13,875.750</b>	<b>13,182.290</b>	<b>12,733.509</b>
GoI	9,500.831	5,634.765	8,893.955	8,623.620	8,794.394
Others	3,646.239	3,892.196	4,981.795	4,558.670	3,939.115
<b>Total Expenditure</b>	<b>56,331.357</b>	<b>44,054.133</b>	<b>68,548.619</b>	<b>71,091.811</b>	<b>69,156.613</b>
Current	27,494.710	27,768.663	35,525.353	43,515.780	34,444.717
Regular	28,836.647	16,285.470	33,023.266	31,889.862	34,430.051
DGRK <sup>1</sup>	...	...	2,502.088	11,625.918	11,625.918
Capital <sup>2</sup>	...	...	22,046.930	27,576.031	34,711.896
Regular <sup>3</sup>	...	...	...	27,540.400	34,708.889
<b>Less: Advance/Suspense (Net)</b>	<b>(1,594.807)</b>	<b>722.593</b>	<b>416.959</b>	<b>(255.901)</b>	<b>(229.958)</b>
<b>Overall Balance</b>	<b>(545.502)</b>	<b>(2,743.430)</b>	<b>(3,385.375)</b>	<b>(11,139.800)</b>	<b>(15,031.954)</b>
<b>Financing</b>	<b>545.502</b>	<b>2,743.431</b>	<b>3,385.375</b>	<b>11,139.800</b>	<b>15,031.954</b>
<b>Net lending <sup>4</sup></b>	<b>...</b>	<b>1,318.468</b>	<b>729.250</b>	<b>745.570</b>	<b>3,677.617</b>
<b>Net External Borrowings</b>	<b>(102.023)</b>	<b>1,101.102</b>	<b>3,527.087</b>	<b>1,486.930</b>	<b>4,086.726</b>
Borrowings	2,718.332	3,432.572	5,303.270	5,211.990	9,520.802
Less: Repayments	2,820.355	2,331.470	1,776.183	3,725.060	5,434.076
<b>Net Internal Borrowings</b>	<b>(647.525)</b>	<b>323.861</b>	<b>(870.962)</b>	<b>9,091.410</b>	<b>8,491.067</b>
Internal borrowings	...	334.475	(859.559)	9,103.680	8,504.237
Less: Repayments	...	10.614	11.403	12.270	13.170
Less: Change in balance	...	...	...	184.120	1,223.456

Note: <sup>1</sup> Current DGRK pertains to Druk Gyalpo's Relief Kidu for individual income support and loan interest payment kidu.

<sup>2</sup> Capital DGRK pertains to transfer to NRF. <sup>3</sup> Revised budget is as per 4th qtr. Budget Performance Report. <sup>4</sup> From FY 2018-19 Net lending is shown below the line (Overall Balance).

Source : Annual Financial Statement (AFS), Department of Treasury and Accounts, Ministry of Finance, Thimphu.



Table 13.6: Government Debt Stock &amp; Debt Service, FY 2017/18 - 2021/22

(Nu. in Million)

Debt	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Total Public Debt</b>	<b>185,312.076</b>	<b>184,174.524</b>	<b>215,369.829</b>	<b>238,398.927</b>	<b>239,624.204</b>
<b>Internal Debt</b>	<b>8,159.680</b>	<b>5,059.597</b>	<b>1,986.721</b>	<b>17,074.454</b>	<b>17,074.440</b>
RMA/BoBL/BNBL/DPNBL/TBank	8,112.209	4,661.473	1,600.000	13,000.000	13,000.000
Multiple Investors (Govt. Bond)	0.000	0.000	0.000	3,700.000	3,700.000
NPPF	47.471	398.124	386.721	13.184	13.170
NPPF Loan (BHSL)	0.000	0.000	0.000	361.270	361.270
<b>External Debt</b>	<b>177,152.396</b>	<b>179,114.927</b>	<b>213,383.108</b>	<b>221,324.473</b>	<b>222,549.764</b>
Indian rupee debt	133,190.701	131,432.822	152,197.420	155,004.946	155,397.670
Convertible currency debt	43,961.695	47,682.105	61,185.688	66,319.527	67,152.094
<b>Total Debt Service</b>	<b>12,062.604</b>	<b>5,244.674</b>	<b>3,342.628</b>	<b>6,476.659</b>	<b>100,609.920</b>
Domestic/Internal	14.172	173.967	50.276	145.338	84,246.960
External	12,048.432	5,070.707	3,292.352	6,331.321	16,362.960
<b>Interest payment</b>	<b>2,488.608</b>	<b>2,478.696</b>	<b>1,596.849</b>	<b>2,727.304</b>	<b>4,141.849</b>

(continued)

(Table 13.6 continued)

Debt	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Internal</b>	<b>4.300</b>	<b>282.794</b>	<b>133.789</b>	<b>172.076</b>	<b>266.850</b>
RMA/BoBL/BNBL/DPNBL/T-Bank	0.000	279.234	131.019	42.727	43.000
Multiple Investors (Govt. Bond)	0.000	0.000	0.000	97.500	222.860
NPPF	4.300	3.560	2.770	1.905	0.990
NPPF Loans (BHSL)	0.000	0.000	0.000	29.944	0.000
<b>External</b>	<b>2,480.008</b>	<b>2,195.902</b>	<b>1,463.060</b>	<b>2,555.228</b>	<b>3,874.999</b>
India	1,836.444	1,480.209	738.541	1,763.116	3,128.770
Other than India	643.564	715.693	724.519	792.112	746.229
<b>Principal repayment</b>	<b>9,558.209</b>	<b>2,955.269</b>	<b>1,788.771</b>	<b>3,789.083</b>	<b>96,468.071</b>
<b>Internal</b>	<b>9.872</b>	<b>122.822</b>	<b>11.403</b>	<b>12.990</b>	<b>83,980.110</b>
RMA/BoBL/BNBL/DPNBL/TBank	0.000	112.209	0.000	0.000	83,966.940
Multiple Investors (Govt. Bond)	0.000	0.000	0.000	0.000	0.000
NPPF	9.872	10.613	11.403	12.990	13.170
NPPF Loans (BHSL)	0.000	0.000	0.000	0.000	0.000
<b>External</b>	<b>9,548.337</b>	<b>2,832.447</b>	<b>1,777.368</b>	<b>3,776.093</b>	<b>12,487.961</b>
India	8,080.451	671.296	0.000	1,392.502	2,785.000
Other than India	1,467.886	2,161.151	1,777.368	2,383.591	9,702.961

Source : Annual Financial Statement (AFS), Department of Treasury and Accounts, Ministry of Finance, Thimphu.

## Chapter 14

## PLAN OUTLAY

Bhutan's planned socio-economic development was started in the year 1961 when the first Five Year Plan (1961/62 to 1965/66) was incepted. 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 His Majesty The Fourth Druk Gyalpo. In the absence of basic economic information and skilled manpower, the formulation of the third plan, like earlier ones was relatively simple. Major developments to consolidate the planning process took place in the fourth five year plan where 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 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 11<sup>th</sup> 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 12<sup>th</sup> FYP and its 17 National Key Result Areas (NKRAs) are drawn from the timeless vision and wisdom emanating from the Golden Throne. In order to align with the Government's tenure, the **12<sup>th</sup> FYP** period commenced from 1<sup>st</sup> November, 2018 and will end on 31<sup>st</sup> October, 2023. Implementation is rigorously monitored through the government performance management system to ensure that results are achieved. Progress is being 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 governments.

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

(Nu.in Million)

Organization	Recurrent	Capital	Total	Percent
<b>Constitutional Bodies</b>	<b>1,577.878</b>	<b>5,199.107</b>	<b>6,776.983</b>	<b>4.6</b>
Judiciary	611.888	724.512	1,336.400	0.9
Royal Audit Authority	289.018	53.555	342.573	0.2
Election Commission of Bhutan	523.496	79.910	603.406	0.4
Anti Corruption Commission	64.664	125.370	190.034	0.1
Royal Civil Service Commission	88.812	4,215.760	4,304.570	2.9
<b>Autonomous Agencies</b>	<b>5,783.457</b>	<b>6,503.980</b>	<b>12,287.435</b>	<b>8.4</b>
His Majesty's Secretariat	147.217	100.000	247.217	0.2
Secretariat of His Majesty the Fourth King	89.331	50.000	139.331	0.1
National Assembly Secretariat	252.862	42.905	295.767	0.2
Royal Advisory Council (National Council)	149.586	56.993	206.579	0.1
Cabinet Secretariat	141.177	15.584	156.761	0.1
Office of the Attorney General	64.844	56.150	120.994	0.1
GNH Commission	170.079	1,050.000	1,220.080	0.8
National Land Commission	454.808	385.861	840.669	0.6
National Environment Commission	78.018	109.300	187.318	0.1
Dzongkha Development Commission	77.099	30.600	107.699	0.1
Council for Ecclesiastical Affairs	1,864.270	633.553	2,497.820	1.7
National Statistics Bureau	129.202	45.290	174.492	0.1
Royal University of Bhutan	1,532.970	2,427.100	3,960.070	2.7
Royal Institute of Management	129.191	275.050	404.241	0.3
Centre for Bhutan Studies	45.500	50.000	95.500	0.1
Bhutan Narcotic Control Agency	23.004	21.403	44.407	0.0
Bhutan Olympic Committee	158.264	100.000	258.264	0.2
Bhutan Broadcasting Service Corporation	...	406.779	406.779	0.3
National Commission for Women and Children	70.818	64.206	135.024	0.1
Bhutan Information Communication Media Authority	38.322	10.500	48.822	0.0
Drug Regulatory Authority	16.150	...	16.150	0.0
Tourism Council of Bhutan	150.745	572.706	723.451	0.5
<b>Ministries</b>	<b>48,897.653</b>	<b>49,908.691</b>	<b>98,806.320</b>	<b>67.6</b>
Ministry of Agriculture	4,497.090	3,626.510	8,123.600	5.6
Ministry of Education	875.122	9,489.130	10,364.250	7.1
Ministry of Finance	29,632.490	699.921	30,332.410	20.7
Ministry of Foreign Affairs	1,319.630	447.510	1,767.140	1.2
Ministry of Health	4,175.970	4,394.340	8,570.300	5.9
Ministry of Home and Cultural Affairs	4,301.610	3,000.640	7,302.240	5.0
Ministry of Information and Communication	561.990	3,776.470	4,338.460	3.0
Ministry of Labour and Human Resources	742.671	1,446.070	2,188.740	1.5
Ministry of Economic Affairs	1,057.540	5,763.180	6,820.720	4.7
Ministry of Works and Human Settlements	1,733.540	17,264.920	18,998.460	13.0
<b>Others</b>	<b>963.966</b>	<b>...</b>	<b>963.966</b>	<b>0.7</b>
Thimphu Thromde Schools	963.966	...	963.966	0.7
<b>Total for Central Agencies</b>	<b>57,222.954</b>	<b>61,611.760</b>	<b>118,834.700</b>	<b>81.3</b>
<b>Dzongkhags and Gewogs</b>	<b>15,417.520</b>	<b>12,000.000</b>	<b>27,417.520</b>	<b>18.8</b>
Dzongkhags	...	7,200.000	7,200.000	4.9
Gewogs	...	4,800.000	4,800.000	3.3
<b>Total Outlay</b>	<b>72,640.474</b>	<b>73,611.760</b>	<b>146,252.220</b>	<b>100.0</b>

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

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

Organization	Outlays			(Nu.in Million)
	Current	Capital	Total	% of Total
<b>Constitutional Body</b>	<b>2,613.500</b>	<b>1,567.500</b>	<b>4,181.000</b>	<b>1.96</b>
Judiciary	1,247.990	623.000	1,870.990	0.88
Royal Audit Authority	659.010	216.000	875.010	0.41
Election Commission of Bhutan	220.580	428.000	648.580	0.30
Anti Corruption Commission	237.530	93.500	331.030	0.16
Royal Civil Service Commission	248.390	207.000	455.390	0.21
<b>Autonomous Agency</b>	<b>11,619.160</b>	<b>7,014.650</b>	<b>18,633.810</b>	<b>8.74</b>
His Majesty's Secretariat	182.140	...	182.140	0.09
Secretariat of His Majesty the Fourth King	135.060	...	135.060	0.06
National Assembly Secretariat	535.120	54.000	589.120	0.28
National Council	355.360	330.000	685.360	0.32
Royal Privy Council	83.890	...	83.890	0.04
Cabinet Secretariat	179.610	23.000	202.610	0.09
Office of the Attorney General	124.870	43.900	168.770	0.08
Gross National Happiness Commission	227.950	625.000	852.950	0.40
National Land Commission	1,182.190	500.000	1,682.190	0.79
National Environment Commission	183.940	374.000	557.940	0.26
Dzongkha Development Commission	88.340	63.000	151.340	0.07
Council for Religious Affairs	2,983.260	379.000	3,362.260	1.58
National Statistics Bureau	153.460	92.440	245.900	0.12
Royal University of Bhutan	...	1,086.450	1,086.450	0.51
Royal Education Council	181.430	292.000	473.430	0.22
Bhutan Council for School Examination & Assessment	404.010	50.000	454.010	0.21
Royal Institute of Law & Bhutan National Legal Institute	32.800	589.500	622.300	0.29
University of Medical Sciences of Bhutan	3,233.610	487.300	3,720.910	1.74
Royal Institute of Management	280.940	273.000	553.940	0.26
Centre for Bhutan Studies	97.640	14.500	112.140	0.05
Bhutan Narcotic Control Agency	87.940	45.000	132.940	0.06
Bhutan Olympic Committee	176.070	395.000	571.070	0.27
Bhutan Broadcasting Service Corporation	...	340.000	340.000	0.16
National Commission for Women and Children	99.170	55.000	154.170	0.07
Bhutan Information Communication Media Authority	93.750	118.250	212.000	0.10
Bhutan Standard Bureau	145.770	36.000	181.770	0.09
Drug Regulatory Authority	56.670	33.000	89.670	0.04
Tourism Council of Bhutan	314.170	345.610	659.780	0.31
Royal Institute of Tourism and Hospitality	...	25.500	25.500	0.01
JDWNR Hospital	...	334.200	334.200	0.16
CSO Authority	...	10.000	10.000	0.00
<b>Ministries</b>	<b>70,429.480</b>	<b>55,657.190</b>	<b>126,086.670</b>	<b>59.11</b>
Ministry of Agriculture and Forest	8,786.880	4,856.000	13,642.880	6.40
Ministry of Education	933.750	7,438.740	8,372.490	3.93
Ministry of Finance	38,589.530	2,678.550	41,268.080	19.35
Ministry of Foreign Services	3,287.340	320.000	3,607.340	1.69
Ministry of Health	4,306.820	3,839.410	8,146.230	3.82
Ministry of Home and Cultural Affairs	8,076.180	3,702.000	11,778.180	5.52
Ministry of Information and Communication	1,068.580	3,548.430	4,617.010	2.16
Ministry of Labour and Human Resources	1,271.250	1,383.000	2,654.250	1.24
Ministry of Economic Affairs	1,626.420	6,782.060	8,408.480	3.94
Ministry of Works and Human Settlements	2,482.730	21,109.000	23,591.730	11.06
<b>Others (HRD and Exigencies)</b>	<b>...</b>	<b>2,910.660</b>	<b>2,910.660</b>	<b>1.36</b>
Human Resource Development	...	2,000.000	2,000.000	0.94
Other Capital (Vehicles, misc. exigencies etc.)	...	910.660	910.660	0.43
<b>Total for Central Agencies</b>	<b>84,662.140</b>	<b>67,150.000</b>	<b>151,812.140</b>	<b>71.18</b>
<b>Local Governments</b>	<b>36,629.320</b>	<b>24,850.000</b>	<b>61,479.320</b>	<b>28.82</b>
Dzongkhags and Gewogs	33,578.440	20,000.000	53,578.440	25.12
Thromde	...	4,850.000	4,850.000	2.27
Thromde Schools	3,050.880	...	3,050.880	1.43
<b>Total Outlay</b>	<b>121,291.460</b>	<b>92,000.000</b>	<b>213,291.460</b>	<b>100.00</b>

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

**Table 14.3: Twelfth Five Year Plan Outlay and Allocation for Central Agencies, 2018 - 2023**

(Nu.in Million)

Organization	Outlays			% of Total
	Current	Capital	Total	
<b>Ministries</b>	<b>63,737.700</b>	<b>36,746.590</b>	<b>100,484.290</b>	<b>50.76</b>
Ministry of Agriculture and Forest	10,896.820	3,050.350	13,947.170	7.05
Ministry of Economic Affairs	1,383.030	3,400.000	4,783.030	2.42
Ministry of Education	2,863.420	4,000.000	6,863.420	3.47
Ministry of Foreign Affairs	3,773.190	750.000	4,523.190	2.29
Ministry of Finance	22,038.880	700.000	22,738.880	11.49
Ministry of Health	5,785.780	3,580.000	9,365.780	4.73
Ministry of Home and Cultural Affairs	10,194.270	3,240.000	13,434.270	6.79
Ministry of Information and Communications	1,795.580	3,490.000	5,285.580	2.67
Ministry of Labour and Human Resources	1,352.340	2,800.000	4,152.340	2.10
Ministry of Works and Human Settlement	3,654.410	11,736.240	15,390.650	7.78
<b>Constitutional Bodies</b>	<b>4,056.860</b>	<b>1,610.000</b>	<b>5,666.860</b>	<b>2.86</b>
Election Commission of Bhutan	708.770	250.000	958.770	0.48
Royal Civil Services Commission	365.170	200.000	565.170	0.29
Anti Corruption Commission	446.390	210.000	656.390	0.33
Royal Audit Authority	993.400	200.000	1,193.400	0.60
Royal Court of Justice	1,543.130	750.000	2,293.130	1.16
<b>Autonomous Agencies</b>	<b>20,034.830</b>	<b>9,375.000</b>	<b>29,409.830</b>	<b>14.86</b>
Bhutan National Legal Institute	79.740	50.000	129.740	0.07
Jigme Singye Wangchuck School of Law	265.200	1,000.000	1,265.200	0.64
Royal University of Bhutan	3,766.820	1,200.000	4,966.820	2.51
Royal Institute of Management	251.530	200.000	451.530	0.23
National Environment Commission Secretariat	179.210	450.000	629.210	0.32
National Statistics Bureau	187.630	300.000	487.630	0.25
Bhutan Olympic Committee	524.580	405.000	929.580	0.47
National Assembly Secretariat	630.550	50.000	680.550	0.34
National Council Secretariat	425.840	50.000	475.840	0.24
Cabinet Secretariat	211.620	50.000	261.620	0.13
Dzongkhag Development Commission	103.560	75.000	178.560	0.09
Bhutan Narcotic Control Authority	144.420	50.000	194.420	0.10
Drug Regulatory Authority	94.720	50.000	144.720	0.07
Office of Attorney General	181.610	50.000	231.610	0.12
National Commission for Women and Children	85.140	70.000	155.140	0.08
Bhutan Standards Bureau	134.890	50.000	184.890	0.09
Bhutan InfoComm and Media Authority	89.850	75.000	164.850	0.08

*(continued)*

(Table 14.3 continued)

Organization	Outlays			% of Total
	Current	Capital	Total	
Dratshang Lhentshog	3,423.030	750.000	4,173.030	2.11
Bhutan Council for School Examinations and Assessment	656.000	160.000	816.000	0.41
Royal Education Council	180.030	300.000	480.030	0.24
National Land Commission Secretariat	861.440	300.000	1,161.440	0.59
Gross National Happiness Commission Secretariat	202.360	100.000	302.360	0.15
Khesar Gyalpo University of Medical Science of Bhutan	593.590	445.000	1,038.590	0.52
JDWNR Hospital	5,601.780	900.000	6,501.780	3.28
National Centre for Hydrology and Meteorology	473.770	300.000	773.770	0.39
Construction Development Board	78.110	55.000	133.110	0.07
Bhutan Medical Health Council	48.790	15.000	63.790	0.03
Royal Bhutan Police*	...	1,500.000	1,500.000	0.76
Centre for Bhutan Studies and GNH Research	193.390	200.000	393.390	0.20
Agency for Promotion of Indigenous Crafts**	...	170.000	170.000	0.09
Civil Society Organization Authority	17.190	5.000	22.190	0.01
Tourism Council Of Bhutan***	348.430	...	348.430	0.18
<b>Others</b>	<b>55,910.670</b>	<b>6,470.000</b>	<b>62,380.670</b>	<b>31.51</b>
Human Resource Development	...	1,200.000	1,200.000	0.61
Common Public Expenditure	4,364.580	2,000.000	6,364.580	3.22
Provision for Office Constructions	...	2,270.000	2,270.000	1.15
Royal Privy Council	88.950	...	88.950	0.04
General Provisions	24,066.590	...	24,066.590	12.16
Subsidies, Transfers and Equities	13,709.610	...	13,709.610	6.93
Debt Servicing	13,645.560	...	13,645.560	6.89
Bhutan Health Trust Fund	35.390	...	35.390	0.02
Bhutan Economic Stabilization Fund	...	1,000.000	1,000.000	0.51
Flagship Programme				
<b>Total Outlay</b>	<b>143,740.070</b>	<b>54,201.590</b>	<b>197,941.660</b>	<b>100.00</b>

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 o Nu 3201.59 million for central agencies.

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

**Table 14.4: Twelfth Five Year Plan Budgetary Outlay and Allocation, 2018 - 2023**

(Nu. in Million)

Organization	Outlays		Total
	Current	Capital	
<b>Central Agencies</b>			
Ministries	63,737.700	36,746.590	100,484.290
Constitutional bodies	4,056.860	1,610.000	5,666.860
Autonomous agencies	20,034.830	9,375.000	29,409.830
Others	55,910.670	21,470.000	62,380.670
<b>Sub-Total</b>	<b>143,740.060</b>	<b>69,201.590</b>	<b>197,941.650</b>
<b>Local Governments</b>			
Dzongkhags	45,708.230	20,019.010	65,727.200
Thromdes	4,551.700	10,126.000	14,677.700
Gewogs	0.000	19,855.008	19,855.008
<b>Sub-Total</b>	<b>50,259.930</b>	<b>50,000.018</b>	<b>100,259.948</b>
<b>Grant Total</b>	<b>193,999.990</b>	<b>119,201.608</b>	<b>313,201.598</b>

Note: Over budgeting of Nu 3,201.59 million against the total outlay for central agencies of Nu 50,000 million.

Total Outlay for the 12th FYP is Nu. 310016 million but the figure in the table includes Nu.3201.59 million which was over budgeted.

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

**Table 14.5: Tenth Five Year Plan Outlay by Dzongkhag, 2008 - 2013**

(Nu.in Million)

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	314.260	686.560	1,000.820
Trashy Yangtse	135.463	225.396	360.859
Trongsa	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
<b>Total</b>	<b>4,379.711</b>	<b>5,969.672</b>	<b>10,349.383</b>

Note: Capital budget does not include the Gewog capital budget

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



**Table 14.6: Eleventh Five Year Plan Outlay by Dzongkhag, 2013 - 2018**

(Nu.in Million)

Dzongkhag	Capital
Bumthang	396.012
Chhukha	560.156
Dagana	468.827
Gasa	379.887
Haa	349.296
Lhuentse	465.037
Monggar	544.536
Paro	373.145
Pema Gatshel	477.595
Punakha	437.412
Samdrup Jongkhar	442.260
Samtse	639.440
Sarpang	445.421
Thimphu	602.338
Trashigang	421.870
Trashi Yangtse	350.122
Trongsa	368.462
Tsirang	358.437
Wangdue Phodrang	518.395
Zhemgang	401.352
<b>Total</b>	<b>9,000.00</b>

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

**Table 14.7: Twelfth Five Year Plan Outlay by Dzongkhag, 2018 - 2023**

(Nu.in Million)

Dzongkhag	Current	Capital	Total
Bumthang	1,515.190	736.380	2,251.570
Chhukha	3,195.360	1,042.880	4,238.240
Dagana	2,213.450	1,179.850	3,393.300
Gasa	670.200	665.370	1,335.560
Haa	1,188.250	714.830	1,903.080
Lhuentse	1,533.450	922.420	2,455.870
Monggar	3,068.120	1,011.720	4,079.830
Paro	2,305.410	984.470	3,289.880
Pema Gatshel	2,800.040	1,075.400	3,875.440
Punakha	2,464.850	986.030	3,450.870
Samdrup Jongkhar	2,351.400	795.180	3,146.580
Samtse	3,831.280	1,348.850	5,180.130
Sarpang	2,424.760	951.530	3,376.290
Thimphu	4,309.910	1,122.430	5,432.330
Trashigang	1,858.660	740.470	2,599.130
Trashi Yangtse	1,596.500	1,139.440	2,735.940
Trongsa	1,515.250	995.150	2,510.400
Tsirang	2,113.370	901.510	3,014.880
Wangdue Phodrang	2,636.810	1,257.210	3,894.020
Zhemgang	2,115.970	1,009.590	3,125.560
Others	...	438.300	438.300
<b>Total</b>	<b>45,708.230</b>	<b>20,019.010</b>	<b>65,727.200</b>

Note: Others - Cushion fund kept

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

**Table 14.8: Twelfth Five Year Plan Outlay by Thromde, 2018 - 2023**

(Nu.in Million)

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
<b>Total</b>	<b>4,551.700</b>	<b>10,126.000</b>	<b>14,677.700</b>

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

**Table 14.9: Indicative Capital Budget Allocation to Gewogs, Twelfth Five Year Plan, 2018 - 2023**

(Nu.in Million)

Dzongkhag	Gewog	Resource Allocation Formula	Common Minimum Infrastructure (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
	<b>Total</b>	<b>227.248</b>	<b>79.200</b>	<b>306.448</b>
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	
<b>Total</b>	<b>796.844</b>	<b>762.556</b>	<b>1,559.400</b>	
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	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
<b>Total</b>	<b>706.060</b>	<b>542.125</b>	<b>1,248.185</b>	
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
<b>Total</b>	<b>163.973</b>	<b>152.900</b>	<b>316.873</b>	
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
<b>Total</b>	<b>251.289</b>	<b>181.800</b>	<b>433.089</b>	

(continued)

(Table 14.9 continued)

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
	<b>Total</b>	<b>427.950</b>	<b>159.600</b>	<b>587.550</b>
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
	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
<b>Total</b>	<b>966.229</b>	<b>667.610</b>	<b>1,633.839</b>	
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
<b>Total</b>	<b>554.597</b>	<b>198.000</b>	<b>752.597</b>	
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
	<b>Total</b>	<b>575.767</b>	<b>530.990</b>	<b>1,106.757</b>

(continued)

(Table 14.9 continued)

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
	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
	Toedpaise	50.821	19.800	70.621
	Toedwang	36.819	19.800	56.619
	<b>Total</b>	<b>518.636</b>	<b>240.000</b>	<b>758.636</b>
	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	
Samdrup Jongkhar	Pemathang	42.155	19.800	61.955
	Phuentshogthang	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
	<b>Total</b>	<b>697.429</b>	<b>470.070</b>	<b>1,167.499</b>
	Denchukha	79.287	179.300	258.587
	Dophuchen	117.777	19.800	137.577
	Dungtoed namgyalcnoel in	48.118	165.380	213.498
	Norbugang	94.473	19.800	114.273
Norgaygang	79.687	19.800	99.487	
Samtse	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
	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
	<b>Total</b>	<b>1,377.425</b>	<b>711.280</b>	<b>2,088.705</b>

(continued)

(Table 14.9 continued)

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
	<b>Total</b>	<b>714.057</b>	<b>576.800</b>	<b>1,290.857</b>
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
<b>Total</b>	<b>353.163</b>	<b>231.930</b>	<b>585.093</b>	
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
<b>Total</b>	<b>1,045.567</b>	<b>555.470</b>	<b>1,601.037</b>	
Trashy 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
	Yalang	66.069	19.800	85.869
	Yangtse	68.082	21.000	89.082
	<b>Total</b>	<b>505.430</b>	<b>159.600</b>	<b>665.030</b>

(continued)

(Table 14.9 continued)

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
	<b>Total</b>	<b>317.626</b>	<b>100.200</b>	<b>417.826</b>
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
	Sergithang	48.336	19.800	68.136
	Tsholingkhar	53.588	19.800	73.388
	Tsirang Toed	48.700	61.800	110.500
	<b>Total</b>	<b>565.273</b>	<b>396.700</b>	<b>961.973</b>
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	59.206	19.800	79.006
	Gase	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
	TheDtsho	85.195	19.800	104.995
<b>Total</b>	<b>707.461</b>	<b>319.200</b>	<b>1,026.661</b>	
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
	Shingkhari	64.299	74.324	138.623
	Trong	68.323	19.800	88.123
	<b>Total</b>	<b>527.979</b>	<b>602.524</b>	<b>1,130.503</b>
Others		-	216.450	216.450
	<b>Total</b>	-	<b>216.450</b>	<b>216.450</b>
<b>Grand Total</b>		<b>12,000.003</b>	<b>7,855.005</b>	<b>19,855.008</b>

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.

**Table 15.1: GDP by Economic Activity at Current Prices, 2018 - 2022**

(Nu. in Million)

Sectors	2018	2019	2020	2021	2022
1. Agriculture, Livestock & Forestry	23,940.81	24,916.97	28,596.47	32,326.30	33,422.58
1.1. Crops	10,784.59	11,778.44	13,629.83	15,723.07	15,521.92
1.2 Livestock	8,118.19	8,591.24	10,043.74	11,273.14	12,025.59
1.3 Forestry & Logging	5,038.03	4,547.29	4,922.89	5,330.08	5,875.06
2. Mining & Quarrying	4,089.73	4,935.30	2,467.12	3,878.05	4,080.76
3. Manufacturing	15,453.68	11,811.56	8,976.39	14,785.33	19,881.51
4. Electricity	18,601.43	23,579.07	32,224.01	30,920.55	30,536.15
5. Water Supply	42.58	46.12	49.17	54.76	58.05
6. Construction	24,116.68	23,382.62	14,177.04	15,082.90	17,944.89
7. Wholesale & Retail Trade	15,725.14	19,247.72	18,609.08	22,300.10	27,007.15
8. Transport, Storage	13,664.60	16,825.77	11,209.69	12,473.19	15,792.17
9. Hotels & Restaurants	4,736.26	5,451.39	1,739.23	1,952.43	2,677.44
10. Communication	4,279.46	4,868.16	5,529.41	6,241.76	6,896.53
11. Finance & Insurance	9,321.29	10,623.70	10,015.62	11,433.54	11,908.24
12. Real Estate & Dwellings	5,778.12	6,111.90	6,786.66	7,435.97	8,137.50
13. Professional, Administrative and Support Services	3,162.78	3,488.53	3,221.90	3,374.97	4,102.72
14. Public Administration and defense	14,591.96	16,922.48	20,673.25	23,343.11	24,928.90
15. Education	6,207.80	8,252.92	9,424.26	10,197.57	10,697.77
16. Human Health and social work Health	2,135.89	2,736.83	3,368.09	3,627.33	3,862.36
17. Entertainment, recreation and other services	985.07	1,076.59	443.06	318.92	622.55
<b>GDP at Basic Prices</b>	<b>166,833.28</b>	<b>184,277.64</b>	<b>177,510.46</b>	<b>199,746.78</b>	<b>222,557.26</b>
Taxes Net of Subsidies	9,839.68	8,370.13	4,596.96	4,917.63	5,256.46
<b>GDP at Market Prices</b>	<b>176,672.95</b>	<b>192,647.77</b>	<b>182,107.42</b>	<b>204,664.41</b>	<b>227,813.72</b>

Source: National Accounts Statistics 2023, Economic and Environment Statistics Division, NSB



**Table 15.2: Percentage Share of GDP by Economic Activity at Current Prices, 2018 - 2022**

Sectors	2018	2019	2020	2021	2022
1. Agriculture, Livestock & Forestry	13.55	12.93	15.70	15.79	14.67
1.1. Crops	6.10	6.11	7.48	7.68	6.81
1.2. Livestock	4.60	4.46	5.52	5.51	5.28
1.3. Forestry & Logging	2.85	2.36	2.70	2.60	2.58
2. Mining & Quarrying	2.31	2.56	1.35	1.89	1.79
3. Manufacturing	8.75	6.13	4.93	7.22	8.73
4. Electricity	10.53	12.24	17.70	15.11	13.40
5. Water Supply	0.02	0.02	0.03	0.03	0.03
6. Construction	13.65	12.14	7.78	7.37	7.88
7. Wholesale & Retail Trade	8.90	9.99	10.22	10.90	11.85
8. Transport, Storage	7.73	8.73	6.16	6.09	6.93
9. Hotels & Restaurants	2.68	2.83	0.96	0.95	1.18
10. Communication	2.42	2.53	3.04	3.05	3.03
11. Finance & Insurance	5.28	5.51	5.50	5.59	5.23
12. Real Estate & Dwellings	3.27	3.17	3.73	3.63	3.57
13. Professional, Administrative and Support Services	1.79	1.81	1.77	1.65	1.80
14. Public Administration and defense	8.26	8.78	11.35	11.41	10.94
15. Education	3.51	4.28	5.18	4.98	4.70
16. Human Health and social work Health	1.21	1.42	1.85	1.77	1.70
17. Entertainment, recreation and other services	0.56	0.56	0.24	0.16	0.27
<b>GDP at Basic Prices</b>	<b>94.43</b>	<b>95.66</b>	<b>97.48</b>	<b>97.60</b>	<b>97.69</b>
Taxes Net of Subsidies	5.57	4.34	2.52	2.40	2.31
<b>GDP at Market Prices</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: National Accounts Statistics 2023, Economic and Environment Statistics Division, NSB

**Table 15.3: Sectoral Growth Rates of GDP in Constant Prices, 2018 - 2022**

(Nu. in million)

Sectors	2018	2019	2020	2021	2022
1. Agriculture, Livestock & Forestry	2.87	1.73	4.00	1.42	(1.15)
1.1. Crops New series	4.12	2.99	4.50	1.46	(4.00)
1.2 Livestock	5.30	2.80	4.08	1.28	0.31
1.3 Forestry & Logging	(4.88)	(3.99)	2.35	1.65	4.07
2. Mining & Quarrying	21.09	14.00	(67.68)	54.95	(3.02)
3. Manufacturing	2.70	(2.50)	(24.32)	4.19	6.73
4. Electricity	(13.16)	8.09	25.42	(3.64)	(1.14)
5. Water Supply	11.01	8.34	6.59	11.38	6.00
6. Construction	(5.28)	(12.34)	(25.42)	7.07	16.45
7. Wholesale & Retail Trade	11.50	19.86	(8.73)	8.36	14.35
8. Transport, Storage	17.29	16.24	(29.46)	0.64	4.70
9. Hotels & Restaurants	11.80	10.92	(71.54)	2.87	31.58
10. Communication	11.68	14.34	23.20	29.56	14.45
11. Finance & Insurance	7.57	10.16	(7.31)	10.69	1.12
12. Real Estate & Dwellings	5.85	4.09	5.05	3.74	2.61
13. Professional, Administrative and Support Services	2.96	8.04	(8.80)	(1.35)	13.99
14. Public Administration and defense	(2.70)	13.32	14.88	3.80	1.51
15. Education	15.49	29.50	7.56	(1.01)	0.12
16. Human Health and social work Health	1.43	25.25	14.56	(2.35)	2.64
17. Entertainment, recreation and other services	57.56	8.28	(58.94)	(30.25)	89.85
<b>GDP at Basic Prices</b>	<b>2.78</b>	<b>7.07</b>	<b>(8.52)</b>	<b>4.54</b>	<b>5.28</b>
Taxes Net of Subsidies	17.93	(16.98)	(48.24)	(0.29)	2.32
<b>GDP at Market Prices</b>	<b>3.50</b>	<b>5.76</b>	<b>(10.22)</b>	<b>4.42</b>	<b>5.21</b>

Source: National Accounts Statistics 2023, Economic and Environment Statistics Division, NSB

**Table 15.4: Gross Domestic Product by Major Economic Sectors in Current Prices, 2018 - 2022**

Nu in Million

Year	2018	2019	2020	2021	2022
1. Primary	23,940.81	24,916.97	28,596.47	32,326.30	33,422.58
2. Secondary	62,304.09	63,754.67	57,893.73	64,721.58	72,501.36
3. Tertiary	90,428.05	103,976.13	95,617.23	107,616.53	121,889.78
<b>Overall GDP</b>	<b>176,672.95</b>	<b>192,647.77</b>	<b>182,107.42</b>	<b>204,664.41</b>	<b>227,813.72</b>

Source: National Accounts Statistics 2023, Economic and Environment Statistics Division, NSB

**Table 15.5: Percentage Share of GDP by Major Sector in Current Prices, 2018 - 2022**

Year	2018	2019	2020	2021	2022
1. Primary	13.55	12.93	15.70	15.79	14.67
2. Secondary	35.27	33.09	31.79	31.62	31.82
3. Tertiary	51.18	53.97	52.51	52.58	53.50
<b>Overall GDP</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: National Accounts Statistics 2023, Economic and Environment Statistics Division, NSB

**Table 15.6: Year on Year GDP Growth, 2018 - 2022**

(Percent)

Year	2018	2019	2020	2021	2022
1. Primary	2.87	1.73	4.00	1.42	-1.15
2. Secondary	-4.00	-1.33	-14.40	3.94	5.60
3. Tertiary	9.77	11.81	-10.86	5.51	6.62
<b>Overall GDP</b>	<b>3.50</b>	<b>5.76</b>	<b>-10.22</b>	<b>4.42</b>	<b>5.21</b>

Source: National Accounts Statistics 2023, Economic and Environment Statistics Division, NSB

Table 15.7: GDP by Expenditure at Current Prices, 2018 – 2022

Nu in million

Years	2018	2019	2020	2021	2022
1. Final Consumption Expenditure	118,979.98	129,311.26	139,546.20	153,081.55	178,988.77
Households & NPISHs	86,304.45	92,481.34	98,908.28	106,679.58	131,108.41
General Government	32,675.53	36,829.91	40,637.92	46,401.98	47,880.36
2. Gross Domestic Capital Formation	95,430.81	88,782.41	71,150.41	90,847.66	127,071.82
a. Construction	57,061.15	50,651.10	38,873.79	43,907.11	52,212.64
b. Machinery & Equipment	37,295.11	37,034.68	30,774.90	45,142.63	71,712.76
c. Software, database	346.86	546.28	591.11	981.53	1,617.48
d. Valuables	44.46	89.61	132.77	255.07	251.85
e. Changes in Inventories	683.23	460.74	777.84	561.33	1,277.10
3. Net Export	(37,737.84)	(25,445.90)	(28,589.19)	(39,264.80)	(78,246.88)
Export of Goods & Services	51,570.34	60,602.18	51,109.60	59,759.43	58,756.92
Export of Goods	41,413.00	48,121.99	48,255.00	57,991.00	56,871.00
Export of Services	10,157.34	12,480.19	2,854.60	1,768.43	1,885.92
Import of Goods & Services	89,308.18	86,048.08	79,698.79	99,024.23	137,003.79
Import of Goods	70,858.66	69,594.51	66,900.16	86,399.98	115,523.89
Import of Services	18,449.52	16,453.56	12,798.63	12,624.25	21,479.90
<b>GDP by Expenditure</b>	<b>176,672.95</b>	<b>192,647.77</b>	<b>182,107.42</b>	<b>204,664.41</b>	<b>227,813.72</b>

Source: National Accounts Statistics 2023, Economic and Environment Statistics Division, NSB

**Table 15.8: GDP Share of Expenditure at Current Prices, 2018 - 2022**

(Percent)

Years	2018	2019	2020	2021	2022
1. Final Consumption Expenditure	67.34	67.12	76.63	74.80	78.57
Households & NPISHs	48.85	48.01	54.31	52.12	57.55
General Government	18.49	19.12	22.32	22.67	21.02
2. Gross Domestic Capital Formation	54.02	46.09	39.07	44.39	55.78
Construction	32.30	26.29	21.35	21.45	22.92
Machinery & Equipment	21.11	19.22	16.90	22.06	31.48
Software data base dev.	0.20	0.28	0.32	0.48	0.71
Valuables	0.03	0.05	0.07	0.12	0.11
Changes in Inventories	0.39	0.24	0.43	0.27	0.56
3. Net Export	(21.36)	(13.21)	(15.70)	(19.18)	(34.35)
Export of Goods & Services	29.19	31.46	28.07	29.20	25.79
Import of Goods & Services	50.55	44.67	43.76	48.38	60.14
<b>GDP, Expenditure</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: National Accounts Statistics 2023, Economic and Environment Statistics Division, NSB

**Chapter 16****PRICE**

Price statistics is an important macro-economic indicator to monitor the overall price movement of the economy. It is essential for formulation of monetary and fiscal policies. It is also used in various other purposes like adjustment of income, GDP deflator, business analysis and for cost escalation, etc.

Bhutan currently compiles and publishes price indices including the Consumer Price Index (CPI) and the Producer Price Index (PPI). CPI is a measure of average price change of goods and services purchased by households over time whereas PPI is a measure of average price change of domestically produced goods & services over time. The 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. It was published biannually from 1979 to 2003, and quarterly from third quarter of 2003 till fourth quarter of 2012. Starting from January 2013, it is being published on a monthly basis. CPI is revised using the updated information from the Bhutan Living Standard Survey Report which is conducted every five years. The current CPI was rebased using the Bhutan Living Standard Survey 2017. The index reference period is April 2019=100 based on which the relative index changes are compared.

The PPI compilation started since 2<sup>nd</sup> quarter of 2011 and is published quarterly. (The PPI was revised using the Economic Census of Bhutan 2017 so, the weight reference period for the current PPI is 2017. And the relative index changes are calculated using January 2022 as the index reference period.) The sectors include Forestry & Logging, Mining & Quarrying, Manufacturing, Electricity, Transport and Storage, and Information & Communication. The classifications used for compilation of the updated PPI are (Bhutan) Standard Industrial Classification (BSIC) and Central Product Classification (CPC ver. 2).

**Table 16.1: Consumer Price Index and Inflation Rate by Food and Non-food (2019 April = 100)**

Period	Index			Inflation Rate		
	Food	Non-Food	All Items	Food	Non-Food	All Items
<b>2022</b>	<b>126.64</b>	<b>114.69</b>	<b>120.02</b>	<b>3.97</b>	<b>7.1</b>	<b>5.65</b>
January	127.28	110.23	117.76	5.27	6.68	6.03
February	126.39	110.84	117.73	4.1	6.37	5.32
March	127.11	111.82	118.6	4.01	6.92	5.57
April	128.21	113.99	120.32	3.72	7.59	5.79
May	126.2	114.47	119.72	3.52	8.05	5.95
June	125.03	114.5	119.22	5.13	7.75	6.54
July	126.42	115.87	120.61	5.82	7.29	6.61
August	125.67	115.69	120.17	5.2	6.66	5.99
September	125.22	116.73	120.55	4.24	7.61	6.05
October	126.22	117.3	121.32	2.87	6.63	4.89
November	127.63	117.62	122.12	2.26	6.62	4.59
December	128.33	117.18	122.17	1.49	7.01	4.44
<b>2021</b>	<b>121.83</b>	<b>107.09</b>	<b>113.62</b>	<b>9.38</b>	<b>5.62</b>	<b>7.35</b>
January	120.91	103.32	111.06	16.89	2.67	8.97
February	121.41	104.20	111.78	16.98	3.59	9.54
March	122.22	104.58	112.34	15.25	4.16	9.11
April	123.61	105.95	113.73	13.16	5.19	8.78
May	121.90	105.94	113.00	12.70	5.40	8.69
June	118.93	106.26	111.91	10.14	5.17	7.42
July	119.47	108.00	113.13	4.40	5.81	5.16
August	119.46	108.47	113.38	4.25	6.20	5.30
September	120.13	108.48	113.68	3.18	6.52	4.97
October	122.69	110.00	115.66	4.96	7.78	6.47
November	124.82	110.32	116.76	6.37	8.02	7.26
December	126.44	109.50	116.98	6.92	6.82	6.87
<b>2020</b>	<b>111.38</b>	<b>101.39</b>	<b>105.84</b>	<b>11.09</b>	<b>1.24</b>	<b>5.63</b>
January	103.44	100.64	101.91	3.90	1.20	2.43
February	103.79	100.59	102.05	4.38	0.88	2.46
March	106.05	100.40	102.96	6.53	0.59	3.26
April	109.24	100.72	104.55	9.24	0.73	4.55
May	108.17	100.52	103.96	8.76	0.42	4.17
June	107.98	101.04	104.17	8.94	0.94	4.54
July	114.44	102.07	107.58	14.91	1.68	7.56
August	114.58	102.14	107.68	14.68	1.65	7.44
September	116.42	101.83	108.29	16.42	1.36	8.02
October	116.90	102.07	108.63	15.45	1.61	7.75
November	117.34	102.12	108.85	14.77	1.72	7.52
December	118.25	102.51	109.46	14.82	2.02	7.72

(continued)

(Table 16.1 continued)

Period	Index			Inflation Rate		
	Food	Non-Food	All Items	Food	Non-Food	All Items
<b>2019</b>	<b>100.26</b>	<b>100.15</b>	<b>100.20</b>	<b>3.44</b>	<b>2.24</b>	<b>2.73</b>
January	99.55	99.44	99.49	3.58	2.82	3.12
February	99.44	99.71	99.60	3.10	2.95	3.01
March	99.55	99.82	99.71	2.85	3.06	2.98
April	100.00	100.00	100.00	3.43	2.92	3.13
May	99.45	100.09	99.80	2.82	2.72	2.72
June	99.12	100.10	99.65	3.13	2.59	2.74
July	99.59	100.38	100.02	3.61	2.82	3.09
August	99.92	100.48	100.22	3.86	2.14	2.79
September	100.00	100.46	100.25	3.49	1.62	2.33
October	101.26	100.45	100.82	3.90	0.96	2.18
November	102.24	100.40	101.24	4.08	1.02	2.34
December	102.99	100.47	101.62	3.41	1.35	2.32
<b>2018</b>	<b>96.93</b>	<b>97.95</b>	<b>97.54</b>	<b>4.93</b>	<b>1.28</b>	<b>2.72</b>
January	96.11	96.71	96.47	6.70	0.58	2.98
February	96.45	96.85	96.69	5.94	0.46	2.61
March	96.79	96.85	96.83	7.83	0.28	3.23
April	96.68	97.16	96.97	5.50	0.63	2.55
May	96.73	97.44	97.15	5.52	0.74	2.62
June	96.11	97.57	96.99	5.10	0.89	2.55
July	96.12	97.63	97.02	4.00	0.71	2.01
August	96.21	98.37	97.50	3.49	1.24	2.13
September	96.63	98.86	97.96	3.86	1.95	2.71
October	97.46	99.49	98.67	4.00	2.47	3.08
November	89.16	94.84	92.53	5.49	2.90	3.92
December	89.63	95.68	93.22	5.91	3.73	4.60

Source: CPI Report, Economic and Environment Statistics Division, NSB, Thimphu



Table 16.2: Consumer Price Index by Division, 2018 - 2022

Period	Division											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
<b>2022</b>	<b>126.62</b>	<b>126.88</b>	<b>121.96</b>	<b>114.50</b>	<b>114.57</b>	<b>112.81</b>	<b>121.63</b>	<b>83.69</b>	<b>104.12</b>	<b>106.40</b>	<b>111.28</b>	<b>115.54</b>	<b>120.02</b>
January	127.30	127.05	118.04	111.90	112.03	110.80	111.81	83.65	103.16	104.75	109.51	112.48	117.76
February	126.31	127.53	118.04	112.02	112.03	110.80	113.89	83.65	103.16	104.75	109.51	112.48	117.73
March	127.13	126.92	118.04	112.48	112.03	110.80	117.02	83.65	103.16	104.75	109.61	112.48	118.60
April	128.20	128.33	120.49	114.33	114.20	110.95	120.79	83.74	103.82	104.75	110.60	114.24	120.32
May	126.19	126.32	120.49	114.78	114.20	110.95	122.21	83.74	103.82	104.75	110.60	114.24	119.72
June	124.98	125.65	120.49	114.30	114.21	110.95	122.67	83.74	103.82	104.75	110.65	114.24	119.22
July	126.44	126.19	124.08	115.85	115.30	113.83	122.96	83.62	104.17	108.05	112.15	115.88	120.61
August	125.62	126.32	124.11	116.09	115.55	114.15	121.94	83.62	104.25	108.05	112.19	116.08	120.17
September	125.15	126.08	124.11	115.07	115.55	114.15	126.58	83.62	104.25	108.05	112.19	116.08	120.55
October	126.17	126.82	125.22	115.73	116.57	115.45	126.32	83.77	105.27	108.05	112.80	119.45	121.32
November	127.66	127.22	125.22	115.69	116.57	115.45	127.54	83.77	105.27	108.05	112.80	119.45	122.12
December	128.34	128.20	125.22	115.75	116.57	115.45	125.84	83.77	105.27	108.05	112.80	119.45	122.17
<b>2021</b>	<b>121.57</b>	<b>125.43</b>	<b>112.70</b>	<b>108.94</b>	<b>108.34</b>	<b>108.26</b>	<b>108.03</b>	<b>84.93</b>	<b>102.29</b>	<b>104.75</b>	<b>107.48</b>	<b>107.88</b>	<b>113.62</b>
January	120.74	123.12	106.88	105.43	105.32	106.63	102.91	87.41	101.29	104.75	102.72	103.31	111.06
February	121.24	123.75	108.06	106.55	105.54	106.63	103.49	87.42	101.56	104.75	106.24	103.88	111.78
March	121.87	126.94	108.06	107.15	105.55	106.63	104.33	87.42	101.56	104.75	106.24	103.95	112.34
April	123.17	129.79	111.77	108.18	107.33	108.43	105.03	87.20	102.31	104.75	107.03	107.04	113.73
May	121.48	127.79	111.77	108.18	107.33	108.43	105.85	83.91	102.31	104.75	107.03	107.04	113.00
June	118.43	125.90	111.77	108.23	107.33	108.43	106.93	83.91	102.31	104.75	107.03	107.04	111.91

(continued)

(Table 16.2 continued)

Period	Division											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
July	119.01	125.88	114.66	110.03	109.31	108.69	109.02	83.66	102.47	104.75	108.19	108.87	113.13
August	119.06	124.98	114.66	110.17	109.31	108.69	110.34	83.66	102.47	104.75	108.98	108.98	113.38
September	119.85	123.86	114.66	110.49	109.31	108.69	110.14	83.66	102.47	104.75	108.98	108.98	113.68
October	122.63	123.59	116.72	110.88	111.24	109.30	113.05	83.65	102.91	104.75	109.11	111.81	115.66
November	124.87	124.09	116.72	111.00	111.24	109.30	114.08	83.65	102.91	104.75	109.11	111.81	116.76
December	126.51	125.42	116.72	110.98	111.24	109.30	111.21	83.65	102.91	104.75	109.11	111.81	116.98
<b>2020</b>	<b>111.67</b>	<b>107.51</b>	<b>103.27</b>	<b>102.52</b>	<b>102.95</b>	<b>103.76</b>	<b>100.59</b>	<b>94.27</b>	<b>100.04</b>	<b>104.05</b>	<b>101.00</b>	<b>101.07</b>	<b>105.84</b>
January	103.66	100.47	100.27	100.68	101.64	101.37	100.85	99.99	99.70	101.28	100.09	100.53	101.91
February	104.01	100.82	100.27	100.78	101.67	101.37	100.39	99.99	99.70	103.78	100.15	100.53	102.05
March	106.25	103.32	100.27	100.77	101.67	101.37	99.75	99.99	99.70	103.78	100.15	100.53	102.96
April	109.49	105.85	103.13	102.17	102.29	102.57	97.96	99.99	99.68	103.78	100.71	99.64	104.55
May	108.41	104.91	103.13	101.24	102.29	102.57	97.92	99.99	99.68	103.78	100.71	99.64	103.96
June	108.11	106.21	103.13	103.02	102.29	102.57	99.78	93.63	99.68	103.78	100.71	99.64	104.17
July	114.96	107.63	104.37	103.29	103.66	105.45	101.30	93.91	100.29	104.75	101.06	101.71	107.58
August	114.97	109.45	104.37	103.34	103.66	105.45	101.49	93.91	100.29	104.75	101.06	101.71	107.68
September	116.70	112.70	104.37	103.33	103.62	105.45	101.91	87.57	100.29	104.75	101.06	102.01	108.29
October	114.96	107.63	104.37	103.29	103.66	105.45	101.30	93.91	100.29	104.75	101.06	101.71	108.63
November	117.62	113.57	105.37	103.57	104.27	105.65	101.67	87.41	100.54	104.75	102.21	102.34	108.85
December	118.61	113.57	105.37	104.50	104.27	105.65	102.31	87.41	100.54	104.75	102.21	102.34	109.46

(continued)

(Table 16.2 continued)

Period	Division											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
<b>2019</b>	<b>100.29</b>	<b>99.86</b>	<b>100.04</b>	<b>100.20</b>	<b>100.57</b>	<b>100.33</b>	<b>100.07</b>	<b>100.02</b>	<b>99.93</b>	<b>100.64</b>	<b>99.42</b>	<b>100.05</b>	<b>100.20</b>
January	99.52	99.90	99.49	99.95	99.45	100.00	98.19	100.00	99.98	100.00	97.60	99.24	99.49
February	99.40	99.90	99.62	99.97	99.59	100.00	99.34	100.00	99.98	100.00	97.60	99.24	99.60
March	99.52	99.93	99.62	99.98	99.61	100.00	99.83	100.00	99.99	100.00	97.72	99.33	99.71
April	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
May	99.47	99.23	100.00	100.01	100.34	100.00	100.22	100.00	100.00	100.00	100.00	100.00	99.80
June	99.15	98.77	99.99	100.03	100.60	100.00	100.06	100.00	100.00	100.00	100.01	100.83	99.65
July	99.58	99.76	100.39	100.55	101.17	100.02	100.19	100.08	100.04	101.28	100.02	100.33	100.02
August	99.94	99.66	100.39	100.56	101.17	100.02	100.50	100.08	100.04	101.28	100.02	100.33	100.22
September	100.01	99.93	100.39	100.57	101.21	100.02	100.44	100.08	100.04	101.28	100.02	100.33	100.25
October	101.32	100.36	100.20	100.20	101.23	101.32	100.75	99.99	99.69	101.28	100.04	100.34	100.82
November	102.37	100.51	100.20	100.26	101.23	101.32	100.55	99.99	99.69	101.28	100.04	100.34	101.24
December	103.18	100.44	100.20	100.32	101.23	101.32	100.75	99.99	99.69	101.28	100.04	100.34	101.62
<b>2018</b>	<b>96.76</b>	<b>98.94</b>	<b>98.35</b>	<b>97.73</b>	<b>98.06</b>	<b>97.85</b>	<b>97.42</b>	<b>99.79</b>	<b>99.60</b>	<b>99.41</b>	<b>94.29</b>	<b>98.43</b>	<b>97.54</b>
January	95.95	98.14	97.19	96.88	97.46	96.86	94.95	99.71	99.35	96.76	91.85	97.66	96.47
February	96.30	98.24	97.24	96.90	97.47	96.98	95.18	99.72	99.36	99.22	91.85	97.67	96.69
March	96.67	98.31	97.45	96.92	97.47	96.88	94.95	99.72	99.36	99.22	91.85	98.13	96.83
April	96.50	98.87	98.05	96.95	97.51	96.88	95.76	99.69	99.46	99.22	93.44	98.23	96.97
May	96.58	98.54	98.19	96.97	97.51	96.88	97.01	99.69	99.46	99.22	93.44	98.23	97.15
June	95.91	98.63	98.25	96.98	97.51	96.88	97.60	99.69	99.46	99.22	93.17	98.38	96.99

(continued)

(Table 16.2 continued)

Period	Division											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
July	95.91	98.75	98.21	97.16	97.58	96.88	97.48	99.69	99.48	100.00	93.17	98.39	97.02
August	95.96	99.26	98.79	98.54	98.40	96.88	97.75	99.83	99.60	100.00	95.38	98.70	97.50
September	96.41	99.30	99.10	98.84	98.76	99.10	98.31	99.83	99.84	100.00	96.65	98.73	97.96
October	97.29	99.54	99.16	98.85	98.85	100.00	100.95	99.96	99.86	100.00	96.65	98.93	98.67
November	98.11	99.75	99.18	98.87	98.94	100.00	100.37	99.96	99.97	100.00	96.69	99.01	98.93
December	99.56	99.89	99.42	98.89	99.21	100.00	98.69	99.96	99.98	100.00	97.37	99.15	99.31

Source: CPI Report, Economic and Environment Statistics Division, NSB, Thimphu

Table 16.3: Year-on-Year Percent change by Division, 2018 - 2022

Period	Division											Total	
	Food and non-alcoholic Beverages	Alcoholic Beverages and Narcotics	Clothing and Footwear	Housing and Utilities	Furnishing, Equipment and Routine Household maintenance.	Health	Transport	Communication	Recreational and Culture	Education	Restaurants and Hotels		Miscellaneous Goods and Services
<b>Weight</b>	<b>42.80</b>	<b>3.20</b>	<b>9.20</b>	<b>11.60</b>	<b>4.40</b>	<b>0.80</b>	<b>15.60</b>	<b>3.20</b>	<b>2.30</b>	<b>1.30</b>	<b>3.60</b>	<b>1.90</b>	<b>100.00</b>
<b>2022</b>	4.18	1.18	8.24	5.11	5.76	4.20	12.58	-1.42	1.78	1.58	3.55	7.12	5.65
January	5.43	3.19	10.45	6.14	6.37	3.91	8.65	-4.30	1.85	0.00	6.61	8.88	6.03
February	4.18	3.05	9.24	5.14	6.15	3.91	10.06	-4.32	1.58	0.00	3.08	8.28	5.32
March	4.31	-0.02	9.24	4.98	6.14	3.91	12.16	-4.32	1.58	0.00	3.17	8.20	5.57
April	4.09	-1.13	7.80	5.68	6.40	2.33	15.01	-3.97	1.47	0.00	3.34	6.72	5.79
May	3.88	-1.15	7.80	6.10	6.40	2.33	15.46	-0.20	1.47	0.00	3.34	6.72	5.95
June	5.53	-0.20	7.80	5.61	6.41	2.33	14.72	-0.20	1.47	0.00	3.39	6.72	6.54
July	6.24	0.25	8.21	5.29	5.48	4.73	12.79	-0.04	1.66	3.15	3.66	6.44	6.61
August	5.52	1.08	8.24	5.37	5.71	5.02	10.51	-0.04	1.73	3.15	2.94	6.52	5.99
September	4.42	1.80	8.24	4.15	5.71	5.02	14.92	-0.04	1.73	3.15	2.94	6.52	6.05
October	2.89	2.62	7.28	4.37	4.79	5.62	11.74	0.14	2.29	3.15	3.38	6.83	4.89
November	2.24	2.52	7.28	4.22	4.79	5.62	11.80	0.14	2.29	3.15	3.38	6.83	4.59
December	1.44	2.22	7.28	4.30	4.79	5.62	13.16	0.14	2.29	3.15	3.38	6.83	4.44
<b>2021</b>	<b>8.86</b>	<b>16.66</b>	<b>9.13</b>	<b>6.26</b>	<b>5.23</b>	<b>4.34</b>	<b>7.40</b>	<b>-9.90</b>	<b>2.25</b>	<b>0.66</b>	<b>6.41</b>	<b>6.73</b>	<b>7.35</b>
January	16.48	22.54	6.59	4.72	3.62	5.19	2.04	-12.58	1.59	3.42	2.63	2.76	8.97
February	16.56	22.75	7.77	5.73	3.81	5.19	3.09	-12.57	1.86	0.93	6.09	3.33	9.54
March	14.70	22.86	7.77	6.33	3.82	5.19	4.59	-12.57	1.86	0.93	6.09	3.40	9.11
April	12.49	22.62	8.38	5.89	4.93	5.71	7.21	-12.79	2.65	0.93	6.28	7.43	8.78
May	12.05	21.80	8.38	6.85	4.93	5.71	8.10	-16.09	2.65	0.93	6.28	7.43	8.69
June	9.55	18.54	8.38	5.05	4.93	5.71	7.16	-10.39	2.65	0.93	6.28	7.43	7.42

(continued)

(Table 16.3 continued)

Period	Division											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
<b>Weight</b>	<b>42.80</b>	<b>3.20</b>	<b>9.20</b>	<b>11.60</b>	<b>4.40</b>	<b>0.80</b>	<b>15.60</b>	<b>3.20</b>	<b>2.30</b>	<b>1.30</b>	<b>3.60</b>	<b>1.90</b>	<b>100.00</b>
July	3.52	16.96	9.86	6.52	5.46	3.07	7.62	-10.92	2.18	0.00	7.05	7.03	5.16
August	3.55	14.19	9.86	6.61	5.46	3.07	8.72	-10.92	2.18	0.00	7.84	7.14	5.30
September	2.70	9.90	9.86	6.93	5.50	3.07	8.08	-4.47	2.18	0.00	7.84	6.83	4.97
October	4.55	10.67	10.92	7.09	6.81	3.46	11.17	-4.30	2.46	0.00	7.04	9.38	6.47
November	6.16	9.27	10.77	7.17	6.69	3.46	12.21	-4.30	2.36	0.00	6.75	9.26	7.26
December	6.67	10.44	10.77	6.20	6.69	3.46	8.69	-4.30	2.36	0.00	6.75	9.26	6.87
<b>2020</b>	<b>11.35</b>	<b>7.66</b>	<b>3.23</b>	<b>2.32</b>	<b>2.37</b>	<b>3.41</b>	<b>0.52</b>	<b>-5.75</b>	<b>0.12</b>	<b>3.39</b>	<b>1.59</b>	<b>1.02</b>	<b>5.63</b>
January	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
February	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
March	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
April	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
June	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
July	15.45	7.89	3.97	2.73	2.46	5.43	1.11	-6.16	0.25	3.42	1.04	1.38	7.56
August	15.04	9.82	3.97	2.76	2.46	5.43	0.99	-6.16	0.25	3.42	1.04	1.38	7.44
September	16.69	12.77	3.97	2.74	2.38	5.43	1.47	-12.50	0.25	3.42	1.04	1.68	8.02
October	15.76	11.27	5.02	3.34	2.88	4.27	0.94	-12.58	0.76	3.42	1.88	1.88	7.75
November	14.90	13.00	5.16	3.30	3.00	4.27	1.12	-12.58	0.86	3.42	2.17	1.99	7.52
December	14.95	13.07	5.16	4.16	3.00	4.27	1.55	-12.58	0.86	3.42	2.17	1.99	7.72

(continued)

(Table 16.3 continued)

Period	Division											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
<b>Weight</b>	<b>42.80</b>	<b>3.20</b>	<b>9.20</b>	<b>11.60</b>	<b>4.40</b>	<b>0.80</b>	<b>15.60</b>	<b>3.20</b>	<b>2.30</b>	<b>1.30</b>	<b>3.60</b>	<b>1.90</b>	<b>100.00</b>
<b>2019</b>	<b>3.64</b>	<b>0.94</b>	<b>1.72</b>	<b>2.53</b>	<b>2.56</b>	<b>2.54</b>	<b>2.72</b>	<b>0.23</b>	<b>0.33</b>	<b>1.24</b>	<b>5.44</b>	<b>1.65</b>	<b>2.73</b>
January	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
February	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
March	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
April	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
June	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
July	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
August	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
September	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
October	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
November	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
December	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
<b>2018</b>	<b>4.94</b>	<b>4.75</b>	<b>2.61</b>	<b>1.41</b>	<b>1.63</b>	<b>1.96</b>	<b>-0.70</b>	<b>0.08</b>	<b>0.42</b>	<b>3.31</b>	<b>5.79</b>	<b>2.23</b>	<b>2.72</b>
January	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
February	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
March	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
April	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
June	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

(continued)

(Table 16.3 continued)

Period	Division											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
<b>Weight</b>	<b>42.80</b>	<b>3.20</b>	<b>9.20</b>	<b>11.60</b>	<b>4.40</b>	<b>0.80</b>	<b>15.60</b>	<b>3.20</b>	<b>2.30</b>	<b>1.30</b>	<b>3.60</b>	<b>1.90</b>	<b>100.00</b>
July	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
August	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
September	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
October	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
November	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
December	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

Source: CPI Report, Economic and Environment Statistics Division, NSB, Thimphu



Table 16.4: Producer Price Index (PPI) by Industry (2017=100), 2018 - 2022

Period	Sectors								All Industry
	Forestry and Logging	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning supply	Water supply; sewerage, waste management and remediation activities	Transport and Storage	Information and communication		
<b>2022</b>	<b>100.00</b>	<b>104.27</b>	<b>96.86</b>	<b>101.29</b>	<b>0.00</b>	<b>104.21</b>	<b>97.39</b>	<b>100.36</b>	
January	100.00	100.00	100.00	100.00	0.00	100.00	100.00	100.00	
February	100.00	100.34	97.84	100.00	0.00	100.26	100.00	99.35	
March	100.00	101.32	98.79	100.00	0.00	100.80	100.00	99.88	
April	100.00	102.15	102.47	100.21	0.00	100.77	97.25	101.09	
May	100.00	102.54	98.58	100.21	0.00	101.27	97.25	99.92	
June	100.00	105.11	95.07	100.21	0.00	101.61	97.25	99.01	
July	100.00	105.22	96.40	100.21	0.00	103.06	97.25	99.77	
August	100.00	106.64	95.57	100.21	0.00	107.79	95.94	100.48	
September	100.00	107.08	95.95	103.61	0.00	108.10	95.94	101.63	
October	100.00	107.02	95.60	103.61	0.00	109.03	95.94	101.68	
November	100.00	107.09	93.43	103.61	0.00	108.81	95.94	100.86	
December	100.00	106.71	92.65	103.61	0.00	109.04	95.94	100.59	
<b>2021</b>	<b>134.36</b>	<b>172.91</b>	<b>150.54</b>	<b>124.71</b>	<b>109.39</b>	<b>138.26</b>	<b>77.98</b>	<b>136.89</b>	
January	134.36	173.34	138.97	124.65	109.39	137.30	82.17	132.15	
February	134.36	173.52	135.55	124.65	109.39	137.13	82.17	130.59	
March	134.36	173.52	136.79	124.65	109.39	137.14	82.17	131.16	
April	134.36	173.52	139.33	124.65	109.39	137.98	82.17	132.36	
May	134.36	173.52	144.56	124.65	109.39	137.43	75.89	134.20	
June	134.36	173.52	146.75	124.65	109.39	137.54	75.89	135.17	

(continued)

(Table 16.4 continued)

Period	Sectors								All Industry
	Agriculture, Forestry and Logging	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning supply	Water supply; sewerage, waste management and remediation activities	Transport and Storage	Information and communication		
July	134.36	173.52	150.80	124.78	109.39	138.03	75.89	137.02	
August	134.36	173.52	151.35	124.78	109.39	139.13	75.89	137.32	
September	134.36	173.52	151.95	124.78	109.39	138.86	75.89	137.56	
October	134.36	171.00	160.73	124.78	109.39	139.50	75.89	141.22	
November	134.36	171.00	184.86	124.78	109.39	139.29	75.89	150.94	
December	134.36	171.41	164.81	124.78	109.39	139.83	75.89	142.95	
<b>2020</b>	<b>134.57</b>	<b>127.43</b>	<b>125.64</b>	<b>124.40</b>	<b>109.39</b>	<b>130.84</b>	<b>84.02</b>	<b>123.40</b>	
January	134.79	126.57	121.86	124.16	109.39	129.24	89.57	121.76	
February	134.79	126.57	127.14	124.16	109.39	129.32	89.57	124.25	
March	134.79	126.57	128.30	124.16	109.39	131.00	89.57	124.88	
April	134.79	126.57	127.63	124.16	109.39	131.90	82.17	124.14	
May	134.79	126.57	128.14	124.16	109.39	131.65	82.17	124.36	
June	134.79	126.57	125.52	124.16	109.39	131.67	82.17	123.14	
July	134.36	128.29	120.77	124.65	109.39	131.34	82.17	121.14	
August	134.36	128.29	120.11	124.65	109.39	131.17	82.17	120.82	
September	134.36	128.29	127.78	124.65	109.39	130.60	82.17	124.40	
October	134.36	128.29	126.91	124.65	109.39	130.59	82.17	124.00	
November	134.36	128.29	125.34	124.65	109.39	130.98	82.17	123.29	
December	134.36	128.29	128.14	124.65	109.39	130.68	82.17	124.57	

(continued)

(Table 16.4 continued)

Period	Sectors								All Industry
	Agriculture, Forestry and Logging	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning supply	Water supply; sewerage, waste management and remediation activities	Transport and Storage	Information and communication		
<b>2019</b>	<b>134.79</b>	<b>126.09</b>	<b>120.45</b>	<b>124.16</b>	<b>109.39</b>	<b>128.61</b>	<b>89.57</b>	<b>121.01</b>	
January	134.79	125.99	125.76	124.16	109.39	128.60	89.57	123.53	
February	134.79	125.72	124.28	124.16	109.39	128.83	89.57	122.83	
March	134.79	125.43	123.86	124.16	109.39	127.95	89.57	122.57	
April	134.79	125.89	123.05	124.16	109.39	127.93	89.57	122.21	
May	134.79	125.89	122.92	124.16	109.39	128.11	89.57	122.16	
June	134.79	125.89	120.97	124.16	109.39	127.93	89.57	121.22	
July	134.79	126.92	120.57	124.16	109.39	127.96	89.57	121.09	
August	134.79	126.10	117.69	124.16	109.39	129.15	89.57	119.72	
September	134.79	125.59	115.84	124.16	109.39	129.24	89.57	118.80	
October	134.79	126.57	115.89	124.16	109.39	129.10	89.57	118.87	
November	134.79	126.57	116.19	124.16	109.39	129.29	89.57	119.03	
December	134.79	126.57	118.36	124.16	109.39	129.17	89.57	120.07	
<b>2018</b>	<b>134.79</b>	<b>124.66</b>	<b>131.27</b>	<b>123.98</b>	<b>109.39</b>	<b>123.74</b>	<b>89.57</b>	<b>125.65</b>	
January	134.79	122.77	130.98	123.80	109.39	120.11	89.57	125.13	
February	134.79	122.68	133.29	123.80	109.39	120.49	89.57	126.19	
March	134.79	122.70	131.49	123.80	109.39	120.82	89.57	125.39	
April	134.79	124.86	131.67	123.80	109.39	121.15	89.57	125.62	
May	134.79	125.56	132.48	123.80	109.39	122.10	89.57	126.09	
June	134.79	125.17	132.42	123.80	109.39	122.23	89.57	126.05	

(continued)

(Table 16.4 continued)

Period	Sectors							
	Agriculture, Forestry and Logging	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning supply	Water supply; sewerage, waste management and remediation activities	Transport and Storage	Information and communication	All Industry
July	134.79	124.98	132.34	124.16	109.39	122.68	89.57	126.16
August	134.79	126.01	131.55	124.16	109.39	123.09	89.57	125.88
September	134.79	125.19	128.92	124.16	109.39	124.42	89.57	124.71
October	134.79	125.17	130.06	124.16	109.39	130.02	89.57	125.56
November	134.79	125.46	130.41	124.16	109.39	129.13	89.57	125.68
December	134.79	125.38	129.69	124.16	109.39	128.64	89.57	125.32

Note: Producer Price Index (PPI) by Industry (September 2011=100), 2018 - 2021

Source: Quarterly PPI Publication, Economic and Environment Statistics Division, NSB, Thimphu

Table 16.5: Annual Percentage Change in Producer Price Index (PPI) by Industry, 2018 - 2022

Month/Share (%)	Sectors										All Industry
	Forestry and Logging	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning supply	Water supply; sewerage, waste management and remediation activities	Transport and Storage	Information and communication	All Industry			
<b>2022</b>	<b>0.00</b>	<b>3.38</b>	<b>8.08</b>	<b>1.34</b>	<b>0.00</b>	<b>7.87</b>	<b>-5.14</b>	<b>4.96</b>			
January	0.00	-1.11	18.60	0.11	0.00	4.25	-7.65	8.17			
February	0.00	-0.88	18.97	0.11	0.00	4.66	-7.65	8.76			
March	0.00	0.09	19.03	0.11	0.00	5.21	-7.65	8.86			
April	0.00	0.91	21.22	0.31	0.00	4.54	-10.19	9.18			
May	0.00	1.29	12.38	0.31	0.00	5.48	-2.75	6.44			
June	0.00	3.83	6.78	0.31	0.00	5.75	-2.75	4.71			
July	0.00	3.94	5.35	0.21	0.00	6.88	-2.75	4.10			
August	0.00	5.35	4.07	0.21	0.00	10.90	-4.06	4.60			
September	0.00	5.77	4.08	3.61	0.00	11.44	-4.06	5.61			
October	0.00	7.28	-1.97	3.61	0.00	11.88	-4.06	2.93			
November	0.00	7.35	-4.20	3.61	0.00	11.82	-4.06	-4.47			
December	0.00	6.71	-7.35	3.61	0.00	11.62	-4.06	0.59			
<b>2021</b>	<b>10.95</b>	<b>-0.16</b>	<b>35.70</b>	<b>19.89</b>	<b>0.25</b>	<b>0.00</b>	<b>5.67</b>	<b>-7.16</b>			
January	8.54	-0.32	36.95	14.04	0.39	0.00	6.24	-8.26			
February	5.11	-0.32	37.10	6.62	0.39	0.00	6.03	-8.26			
March	5.03	-0.32	37.10	6.61	0.39	0.00	4.69	-8.26			
April	6.62	-0.32	37.10	9.16	0.39	0.00	4.61	0.00			
May	7.91	-0.32	37.10	12.82	0.39	0.00	4.39	-7.65			
June	9.77	-0.32	37.10	16.92	0.39	0.00	4.45	-7.65			

(continued)

(Table 16.5 continued)

Month/Share (%)	Sectors								All Industry
	Agriculture, Forestry and Logging	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning supply	Water supply; sewerage, waste management and remediation activities	Transport and Storage	Information and communication		
July	13.10	0.00	35.26	24.87	0.11	0.00	5.10	-7.65	
August	13.66	0.00	35.26	26.01	0.11	0.00	6.07	-7.65	
September	10.58	0.00	35.26	18.91	0.11	0.00	6.32	-7.65	
October	13.88	0.00	33.29	26.65	0.11	0.00	6.83	-7.65	
November	22.43	0.00	33.29	47.48	0.11	0.00	6.34	-7.65	
December	14.75	0.00	33.62	28.62	0.11	0.00	7.00	-7.65	
<b>2020</b>	<b>-0.16</b>	<b>1.06</b>	<b>4.39</b>	<b>0.20</b>	<b>0.00</b>	<b>1.74</b>	<b>-6.20</b>	<b>1.99</b>	
January	0.00	0.47	-3.10	0.00	0.00	0.50	0.00	-1.43	
February	0.00	0.68	2.29	0.00	0.00	0.38	0.00	1.15	
March	0.00	0.91	3.58	0.00	0.00	2.38	0.00	1.89	
April	0.00	0.54	3.72	0.00	0.00	3.10	-8.26	1.58	
May	0.00	0.54	4.24	0.00	0.00	2.76	-8.26	1.80	
June	0.00	0.54	3.76	0.00	0.00	2.92	-8.26	1.59	
July	-0.32	1.08	0.17	0.39	0.00	2.64	-8.26	0.05	
August	-0.32	1.74	2.06	0.39	0.00	1.56	-8.26	0.92	
September	-0.32	2.15	10.31	0.39	0.00	1.05	-8.26	4.72	
October	-0.32	1.36	9.51	0.39	0.00	1.15	-8.26	4.32	
November	-0.32	1.36	7.87	0.39	0.00	1.30	-8.26	3.58	
December	-0.32	1.36	8.26	0.39	0.00	1.17	-8.26	3.75	

(continued)

(Table 16.5 continued)

Month/Share (%)	Sectors									All Industry
	Agriculture, Forestry and Logging	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning supply	Water supply; sewerage, waste management and remediation activities	Transport and Storage	Information and communication			
<b>2019</b>	<b>0.00</b>	<b>1.16</b>	<b>-8.25</b>	<b>0.07</b>	<b>0.00</b>	<b>4.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>-3.72</b>
January	0.00	2.62	-3.99	0.15	0.00	7.06	0.00	0.00	0.00	-1.33
February	0.00	2.48	-6.75	0.15	0.00	6.92	0.00	0.00	0.00	-2.71
March	0.00	2.23	-5.80	0.15	0.00	5.90	0.00	0.00	0.00	-2.30
April	0.00	0.82	-6.54	0.15	0.00	5.59	0.00	0.00	0.00	-2.77
May	0.00	0.26	-7.22	0.15	0.00	4.92	0.00	0.00	0.00	-3.17
June	0.00	0.57	-8.64	0.15	0.00	4.67	0.00	0.00	0.00	-3.88
July	0.00	1.55	-8.90	0.00	0.00	4.31	0.00	0.00	0.00	-4.02
August	0.00	0.07	-10.53	0.00	0.00	4.93	0.00	0.00	0.00	-4.89
September	0.00	0.32	-10.15	0.00	0.00	3.87	0.00	0.00	0.00	-4.74
October	0.00	1.12	-10.89	0.00	0.00	-0.71	0.00	0.00	0.00	-5.33
November	0.00	0.89	-10.90	0.00	0.00	0.12	0.00	0.00	0.00	-5.30
December	0.00	0.95	-8.73	0.00	0.00	0.42	0.00	0.00	0.00	-4.19
<b>2018</b>	<b>0.00</b>	<b>-2.36</b>	<b>10.85</b>	<b>0.14</b>	<b>0.00</b>	<b>-3.82</b>	<b>-0.15</b>	<b>0.00</b>	<b>-0.15</b>	<b>4.67</b>
January	0.00	-3.97	15.41	0.14	0.00	-7.83	-0.20	0.00	-0.20	6.35
February	0.00	-5.06	17.12	0.14	0.00	-7.03	-0.20	0.00	-0.20	7.08
March	0.00	-4.02	12.30	0.14	0.00	-6.46	-0.20	0.00	-0.20	5.06
April	0.00	-2.00	9.05	0.14	0.00	-5.64	-0.20	0.00	-0.20	3.78
May	0.00	-1.51	10.08	0.14	0.00	-4.86	-0.20	0.00	-0.20	4.33
June	0.00	-0.54	10.09	0.14	0.00	-4.77	-0.20	0.00	-0.20	4.40
July	0.00	-1.95	11.41	0.15	0.00	-4.42	-0.20	0.00	-0.20	4.93
August	0.00	-1.43	13.25	0.15	0.00	-3.91	-0.20	0.00	-0.20	5.81
September	0.00	-0.95	8.74	0.15	0.00	-3.07	-0.20	0.00	-0.20	3.87
October	0.00	-2.33	8.47	0.15	0.00	1.02	0.00	0.00	0.00	3.93
November	0.00	-2.29	7.55	0.15	0.00	0.42	0.00	0.00	0.00	3.47
December	0.00	-2.21	6.69	0.15	0.00	0.70	0.00	0.00	0.00	3.10

Source: Quarterly PPI Publication, Economic and Environment Statistics Division, NSB, Thimphu

Table 16.6: Producer Price Index (PPI) by Product, 2018 - 2021

Period	Section							
	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	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
<b>2021</b>	<b>134.49</b>	<b>157.51</b>	<b>115.09</b>	<b>120.63</b>	<b>160.97</b>	<b>126.05</b>	<b>80.72</b>	<b>132.52</b>
January	134.36	173.34	114.30	119.94	154.02	126.35	82.17	132.15
February	134.36	173.52	114.30	120.60	147.35	126.33	82.17	130.59
March	134.36	173.52	114.30	121.55	148.97	126.33	82.17	131.16
April	134.36	173.52	115.59	122.09	153.01	126.44	82.17	132.36
May	134.36	173.52	115.59	122.04	162.70	126.37	75.89	134.20
June	134.36	173.52	115.59	122.04	166.79	126.38	75.89	135.17
July	134.36	173.52	115.59	122.23	174.36	126.56	75.89	137.02
August	134.36	173.52	115.59	120.83	176.50	126.71	75.89	137.32
September	134.36	173.52	115.59	119.92	178.36	126.67	75.89	137.56
October	134.36	171.00	116.05	120.38	195.29	126.75	75.89	141.22
November	134.36	171.00	116.05	120.38	246.26	126.73	75.89	150.94
December	134.36	171.41	116.05	121.54	202.54	126.80	75.89	142.95
<b>2020</b>	<b>134.57</b>	<b>127.43</b>	<b>114.61</b>	<b>119.72</b>	<b>130.43</b>	<b>125.27</b>	<b>84.02</b>	<b>123.40</b>
January	134.79	126.57	114.48	118.78	124.50	124.84	89.57	121.76
February	134.79	126.57	114.48	119.10	133.37	124.85	89.57	124.25
March	134.79	126.57	114.50	120.09	134.80	125.08	89.57	124.88
April	134.79	126.57	114.47	120.02	133.68	125.21	82.17	124.14
May	134.79	126.57	114.41	120.02	134.57	125.17	82.17	124.36

(continued)



(Table 16.6 continued)

Period	Section								All Product
	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	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		
June	134.79	126.57	114.71	118.95	130.62	125.17	82.17	123.14	
July	134.36	128.29	114.71	120.44	121.72	125.55	82.17	121.14	
August	134.36	128.29	114.71	120.01	120.86	125.53	82.17	120.82	
September	134.36	128.29	114.71	119.80	134.04	125.45	82.17	124.40	
October	134.36	128.29	114.71	119.81	132.53	125.45	82.17	124.00	
November	134.36	128.29	114.71	119.81	129.82	125.50	82.17	123.29	
December	134.36	128.29	114.71	119.81	134.65	125.46	82.17	124.57	
<b>2019</b>	<b>134.79</b>	<b>126.09</b>	<b>113.98</b>	<b>118.67</b>	<b>122.31</b>	<b>124.75</b>	<b>89.57</b>	<b>121.01</b>	
January	134.79	125.99	113.72	117.40	132.10	124.75	89.57	123.53	
February	134.79	125.72	113.73	116.76	129.92	124.78	89.57	122.83	
March	134.79	125.43	113.73	117.06	129.01	124.66	89.57	122.57	
April	134.79	125.89	114.01	119.05	126.43	124.66	89.57	122.21	
May	134.79	125.89	114.02	119.16	126.15	124.69	89.57	122.16	
June	134.79	125.89	114.00	119.87	122.46	124.66	89.57	121.22	

(continued)

(Table 16.6 continued)

Period	Section								Business and production services	All Product
	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	Metal products, machinery and equipment	Distributive trade services; accommodation, food and beverage serving services; transport services; and electricity, gas and water distribution services				
July	134.79	126.92	114.00	120.19	121.61	124.66			89.57	121.09
August	134.79	126.10	114.00	118.54	117.70	124.83			89.57	119.72
September	134.79	125.59	114.00	119.23	114.30	124.84			89.57	118.80
October	134.79	126.57	114.21	119.30	114.32	124.82			89.57	118.87
November	134.79	126.57	114.20	119.25	114.84	124.85			89.57	119.03
December	134.79	126.57	114.21	118.28	118.93	124.83			89.57	120.07
<b>2018</b>	<b>134.79</b>	<b>124.66</b>	<b>113.52</b>	<b>117.56</b>	<b>141.78</b>	<b>123.91</b>			<b>89.57</b>	<b>125.65</b>
January	134.79	122.77	113.56	117.75	141.12	123.24			89.57	125.13
February	134.79	122.68	113.55	118.08	145.04	123.29			89.57	126.19
March	134.79	122.70	113.59	118.48	141.55	123.34			89.57	125.39
April	134.79	124.86	113.46	118.92	141.61	123.39			89.57	125.62
May	134.79	125.56	113.39	120.27	142.22	123.53			89.57	126.09
June	134.79	125.17	113.39	117.39	143.95	123.55			89.57	126.05
July	134.79	124.98	113.58	116.03	144.68	123.92			89.57	126.16
August	134.79	126.01	113.57	115.99	143.28	123.97			89.57	125.88
September	134.79	125.19	113.54	116.41	138.31	124.17			89.57	124.71
October	134.79	125.17	113.53	116.81	140.08	124.95			89.57	125.56
November	134.79	125.46	113.53	117.15	140.49	124.83			89.57	125.68
December	134.79	125.38	113.51	117.42	139.04	124.76			89.57	125.32

Source: Quarterly PPI Publication, Economic and Environment Statistics Division, NSB, Thimphu

Table 16.7: Annual Percentage Change in Producer Price Index (PPI) by Product, 2018 - 2021

Period	Section								All Product
	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	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		
<b>2021</b>	<b>-0.16</b>	<b>35.70</b>	<b>0.67</b>	<b>1.18</b>	<b>34.80</b>	<b>1.01</b>	<b>-7.16</b>	<b>10.95</b>	
January	-0.32	36.95	-0.16	0.97	23.71	1.21	-8.26	8.54	
February	-0.32	37.10	-0.15	1.26	10.49	1.18	-8.26	5.11	
March	-0.32	37.10	-0.17	1.22	10.51	1.00	-8.26	5.03	
April	-0.32	37.10	0.97	1.72	14.46	0.98	0.00	6.62	
May	-0.32	37.10	1.03	1.68	20.91	0.96	-7.65	7.91	
June	-0.32	37.10	0.76	2.60	27.70	0.96	-7.65	9.77	
July	0.00	35.26	0.76	1.49	43.25	0.81	-7.65	13.10	
August	0.00	35.26	0.76	0.68	46.04	0.94	-7.65	13.66	
September	0.00	35.26	0.76	0.10	33.07	0.97	-7.65	10.58	
October	0.00	33.29	1.16	0.48	47.36	1.04	-7.65	13.88	
November	0.00	33.29	1.16	0.48	89.70	0.98	-7.65	22.43	
December	0.00	33.62	1.16	1.45	50.41	1.06	-7.65	14.75	

(continued)

(Table 16.7 continued)

Period	Section									All Product
	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	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			
<b>2020</b>	<b>-0.16</b>	<b>1.06</b>	<b>0.55</b>	<b>0.89</b>	<b>6.89</b>	<b>0.42</b>	<b>-6.20</b>	<b>1.99</b>		
January	0.00	0.47	0.67	1.18	-5.76	0.07	0.00	-1.43		
February	0.00	0.68	0.66	2.01	2.65	0.05	0.00	1.15		
March	0.00	0.91	0.68	2.59	4.49	0.34	0.00	1.89		
April	0.00	0.54	0.40	0.81	5.74	0.44	-8.26	1.58		
May	0.00	0.54	0.34	0.72	6.67	0.39	-8.26	1.80		
June	0.00	0.54	0.63	-0.77	6.66	0.41	-8.26	1.59		
July	-0.32	1.08	0.63	0.21	0.09	0.71	-8.26	0.05		
August	-0.32	1.74	0.63	1.24	2.68	0.56	-8.26	0.92		
September	-0.32	2.15	0.63	0.47	17.27	0.49	-8.26	4.72		
October	-0.32	1.36	0.44	0.42	15.93	0.50	-8.26	4.32		
November	-0.32	1.36	0.45	0.47	13.04	0.52	-8.26	3.58		
December	-0.32	1.36	0.44	1.29	13.22	0.50	-8.26	3.75		
<b>2019</b>	<b>0.00</b>	<b>1.16</b>	<b>0.41</b>	<b>0.96</b>	<b>-13.74</b>	<b>0.62</b>	<b>0.00</b>	<b>-3.72</b>		
January	0.00	2.62	0.14	-0.30	-6.39	1.11	0.00	-1.33		
February	0.00	2.48	0.16	-1.12	-10.43	1.09	0.00	-2.71		
March	0.00	2.23	0.12	-1.20	-8.86	0.95	0.00	-2.30		

(continued)

(Table 16.7 continued)

Period	Section								All Product
	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	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		
April	0.00	0.82	0.49	0.11	-10.72	0.91	0.00	-2.77	
May	0.00	0.26	0.55	-0.93	-11.30	0.81	0.00	-3.17	
June	0.00	0.57	0.53	2.11	-14.93	0.78	0.00	-3.88	
July	0.00	1.55	0.37	3.58	-15.95	0.60	0.00	-4.02	
August	0.00	0.07	0.37	2.21	-17.85	0.69	0.00	-4.89	
September	0.00	0.32	0.41	2.42	-17.36	0.54	0.00	-4.74	
October	0.00	1.12	0.60	2.14	-18.39	-0.10	0.00	-5.33	
November	0.00	0.89	0.59	1.79	-18.25	0.02	0.00	-5.30	
December	0.00	0.95	0.61	0.74	-14.46	0.06	0.00	-4.19	
<b>2018</b>	<b>0.00</b>	<b>-2.36</b>	<b>0.77</b>	<b>-3.42</b>	<b>20.80</b>	<b>-0.50</b>	<b>-0.15</b>	<b>4.65</b>	
January	0.00	-3.97	1.09	-1.63	27.77	-1.16	-0.20	6.29	
February	0.00	-5.06	1.08	-2.12	31.27	-1.04	-0.20	7.03	
March	0.00	-4.02	1.16	-2.85	22.92	-0.95	-0.20	5.01	

(continued)

(Table 16.7 continued)

Period	Section							
	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	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
April	0.00	-2.00	0.74	-5.67	18.99	-0.83	-0.20	3.73
May	0.00	-1.51	0.90	-5.55	20.76	-0.71	-0.20	4.27
June	0.00	-0.54	0.85	-7.88	22.41	-0.70	-0.20	4.35
July	0.00	-1.95	0.59	-5.93	23.49	-0.52	-0.20	4.93
August	0.00	-1.43	0.59	-2.44	24.45	-0.44	-0.20	5.81
September	0.00	-0.95	0.56	-3.04	16.73	-0.32	-0.20	3.87
October	0.00	-2.33	0.62	-1.58	15.32	0.27	0.00	3.93
November	0.00	-2.29	0.61	-1.28	13.52	0.19	0.00	3.47
December	0.00	-2.21	0.40	-1.06	11.91	0.23	0.00	3.10

Source: Quarterly PPI Publication, Economic and Environment Statistics Division, NSB, Thimphu

**Chapter 17****CRIME**

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.

**Table 17.1: Types of Offence Recorded, 2018 - 2022**

	(Number)				
<b>Offence Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>Offences Against the Person</b>	<b>3,288</b>	<b>3,063</b>	<b>3,040</b>	<b>3,005</b>	<b>3,018</b>
Abandonment of a dead infant	2	3	4	1	4
Abandonment of an infant or a child	1	5	1	0	1
Aiding and abetting for escape from lawful custody	0	0	0	0	1
Aiding and abetting for criminal attempt to voluntary manslaughter	0	0	1	0	0
Assault	40	29	49	48	64
Battery	1,098	895	828	780	778
Bestiality	1	2	0	2	1
Blackmail	1	0	1	0	2
Child molestation	15	16	19	16	15
Criminal attempt to Child molestation	0	0	0	1	0
Criminal attempt to involuntary manslaughter	0	1	3	2	3
Criminal attempt to marital rape	0	0	1	2	0
Criminal attempt to murder	0	1	0	2	1
Criminal attempt to rape	8	2	7	7	5
Criminal attempt to rape of a child above twelve years of age	2	1	2	1	1
Criminal attempt to rape of a married person	3	2	0	2	0
Criminal attempt to rape of pregnant women	0	0	0	1	0
Criminal attempt to statutory rape	2	2	2	3	4
Criminal attempt to voluntary manslaughter	4	2	2	2	3
Criminal elopement	0	1	1	0	1
Endangerment of a child	3	1	1	4	2
Endangerment of a mentally disabled or an incompetent person	0	0	1	0	0
Escape from lawful custody	4	3	6	4	6
Gang rape	1	1	1	0	0
Gang rape of a child below 12 years of age	0	0	0	0	0
Gang rape of a married person	0	1	0	0	0
Illegal abortion	1	0	0	1	2
Illegal selling or buying of human organs	0	0	1	0	0
Incest	0	0	0	2	1
Indecent exposure	0	1	2	2	3
Infringement of movement	0	0	0	0	0
Involuntary manslaughter	6	2	6	2	4
Kidnapping	0	0	0	0	0
Marital rape	1	0	0	0	0
Murder	7	6	3	2	1
Negligent homicide	2	1	2	1	3
Rape	8	1	5	6	6
Rape of a child above 12 years of age	30	40	41	56	43

*(continued)*



(Table 17.1 continued)

Offence Type	2018	2019	2020	2021	2022
Rape of a married person	3	3	0	4	4
Rape of a pregnant women	0	0	0	0	0
Reckless endangerment	3	5	4	3	3
Sexual harassment	13	9	12	18	19
Statutory rape	6	8	6	7	10
Trafficking a person	1	0	2	0	0
Trafficking of a child	1	0	0	0	0
Un-natural sex	1	0	1	0	0
Voluntary manslaughter	2	0	5	2	5
<b>Offences against Property</b>	<b>1,938</b>	<b>1,904</b>	<b>782</b>	<b>723</b>	<b>785</b>
Armed robbery	3	2	4	1	0
Arson	5	6	3	3	3
Negligent burning or exploding	0	1	5	0	2
Auto stripping	153	170	77	90	77
Breach of trust	7	11	13	5	14
Burglary	369	383	238	223	251
Criminal attempt to armed robbery	1	0	0	0	0
Criminal attempt to arson	3	0	0	0	0
Criminal attempt to burglary	20	12	9	14	7
Criminal attempt to larceny	5	4	5	1	2
Criminal attempt to trespass	0	0	0	1	0
Criminal attempt to robbery	1	0	0	0	0
Criminal misappropriation of property	4	4	2	6	5
Extortion	0	0	0	0	0
Larceny	892	735	314	264	308
Larceny by deception	41	32	36	46	27
Larceny of property lost, mislaid, or delivered by mistake	340	474	24	7	7
Pick pocketing	8	4	1	1	2
Possession of stolen property	0	0	0	2	0
Reckless endangerment of property	16	10	14	18	22
Robbery	35	24	6	2	6
Solicitation to commit burglary	0	0	1	1	0
Theft of service	19	17	13	11	20
Identity Theft	0	0	0	2	0
Trespass	9	11	14	19	19
Unauthorized used of property	7	4	3	6	13
<b>Offences against State and Public order</b>	<b>4,339</b>	<b>4,273</b>	<b>4,566</b>	<b>4,592</b>	<b>4,428</b>
Abandonment of a person in danger	0	0	0	0	0
Breach of public order and tranquility	0	0	93	202	52

(Table 17.1 continued)

Offence Type	2018	2019	2020	2021	2022
Caretaker's negligence causing loss or larceny of ku, sung, thuk-ten, zung or antique	1	1	0	0	1
Criminal attempt to offence against ku, sung, thuk-ten or zung	13	2	9	2	6
Criminal attempt to criminal nuisance	0	0	16	4	0
Criminal nuisance	0	1	103	53	5
Contempt of court	0	0	0	1	0
Cheating by impersonation using a computer	0	0	0	2	0
Damage to cultural or national heritage property and national monuments	0	0	2	0	0
Damage to religious objects	0	1	0	1	1
Disorderly conduct	2	5	4	6	17
Endangerment of a public water source	0	1	0	0	0
Espionage	0	0	1	0	1
Environment pollution	0	0	0	1	0
Failure to assist lawful authority	0	0	0	3	2
Failure to report a crime	0	0	4	6	7
Gambling	28	8	31	18	21
Harassment	76	64	83	98	87
Illegal immigration	0	4	3	3	0
Illicit sale of cultural and national heritage property	0	0	0	0	1
Illegal purchase or sale of an antique	1	1	1	1	0
Illegal purchase or sale of ku-sung-thuk-ten or zungs	0	0	1	0	0
Illegal sale of alcohol	0	0	0	0	0
Illegal transportation of immigrant	1	0	6	2	0
Impersonation of an official	2	2	2	2	5
Impersonation of uniformed personnel	0	1	4	1	0
Larceny of antique	4	6	6	2	0
Lewd and lascivious conduct	0	1	0	3	0
Malicious mischief	66	48	76	62	63
Obstruction of lawful authority	14	5	17	15	24
Obstruction of public service	0	0	1	0	1
Obstruction of thoroughfare	0	1	3	2	2
Offence against the ku, sung, thuk-ten, or zung	82	79	45	37	42
Prejury	0	0	0	0	1
Patronizing a prostitute	1	3	0	0	0
Promotion of civil unrest	1	1	0	0	0
Promotion of prostitution	1	0	0	1	2
Prostitution	0	0	0	1	2
Prowling	1	0	1	0	1
Public intoxication	2	0	5	15	27

(continued)

(Table 17.1 continued)

Offence Type	2018	2019	2020	2021	2022
Reporting of false information	2	0	7	4	10
Sedition	3	0	1	1	3
Tampering with a dead body	1	0	1	0	0
Treason	0	0	0	1	0
Terrorism	1	0	0	0	0
<b>Miscellaneous Offences</b>	<b>45</b>	<b>29</b>	<b>38</b>	<b>21</b>	<b>68</b>
Computer pornography	3	2	1	1	2
Display of weapon	31	17	30	16	52
False alarm	3	0	0	0	0
Illegal hunting or fishing	3	2	2	1	3
Illegal manufacturing of a fire arms, ammunition, explosive or other lethal weapons	0	0	1	0	1
Illegal possession of a firearm, ammunition, explosive, or other lethal weapon	4	1	1	2	5
Unlawful Collection	0	0	0	1	0
Illegal sale and use of harmful chemical substance	0	2	0	0	0
Illegal sale or purchase of a firearm, ammunition, explosive or other lethal weapons	0	0	0	0	2
Illegal transaction of controlled substances	0	3	1	0	0
Possession of a controlled substance	0	2	1	0	0
Risking the protected species	1	0	0	0	1
Sale of a prescription for a controlled substances	0	0	0	0	0
Tampering with computer materials	0	0	1	0	0
Illegal Fund Raising	0	0	0	0	1
Viotation of bodily privacy	0	0	0	0	1
<b>Commercial Crime, Fraud, Corruption and Related Offences</b>	<b>2,106</b>	<b>2,177</b>	<b>2,170</b>	<b>2,235</b>	<b>2,259</b>
Breach of contract	0	0	0	3	0
Bribery	1	0	0	0	0
Counterfeiting	3	0	0	1	0
Criminal attempt to deceptive practice	1	0	0	0	0
Criminal attempt to smuggling	1	0	0	0	0
Deceptive practice	25	33	44	101	150
Defamation	6	10	37	24	30
Embezzlement	4	6	2	6	3
Execution of a document by deception	0	0	0	0	0
Forgery	12	23	17	28	12
Fraudulent cheque writing	23	61	40	24	22
Fronting	0	0	0	0	2
Fraudulent obtaining of insurance	0	0	0	1	0
Fraudulent insolvency	0	1	0	0	0

(continued)

(Table 17.1 continued)

Offence Type	2018	2019	2020	2021	2022
Libel	3	5	10	21	12
Money laundering	4	0	0	0	0
Official misconduct	0	1	0	1	4
Smuggling	5	17	0	3	0
Tampering with documents	0	1	0	1	2
<b>Solicitation, Conspiracy and Aiding and abetting</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>5</b>
Aiding and abetting	0	0	0	0	4
Criminal Conspiracy	0	0	0	1	0
Solicitation	0	0	0	0	1
<b>Offence Related to Child Care and Protection Act</b>	<b>7</b>	<b>5</b>	<b>7</b>	<b>9</b>	<b>18</b>
Child abuse	1	0	0	3	2
Child battery	7	4	7	5	16
Cruelty to a child	0	1	0	0	0
Harsh or degrading correction or punishment	0	0	0	1	0
<b>Offence related to Domestic Violence and Prevention Act</b>	<b>0</b>	<b>2</b>	<b>33</b>	<b>268</b>	<b>565</b>
Economic abuse	0	0	2	3	4
Emotional abuse	0	2	31	37	56
Physical abuse	0	0	0	228	505
<b>Narcotic Drugs, Psychotropic Substances and Substance abuse</b>	<b>620</b>	<b>667</b>	<b>455</b>	<b>291</b>	<b>761</b>
Criminal attempt to illicit trafficking of narcotic drugs and psychotropic substances	0	0	1	2	2
Illegal cultivation, domestication or harvest of cannabis and its derivatives	1	0	0	0	0
Illegal diversion of precursor chemicals	0	1	0	0	0
Illegal possession of cannabis and its derivatives	41	7	1	4	3
Illegal possession of narcotics drugs and psychotropic substances	3	6	0	1	1
Illegal sale of inhalants or solvents	0	2	1	0	1
Illicit activities involving equipment and materials	0	1	0	0	0
Illicit trafficking of cannabis and its derivatives	3	28	18	21	36
Illicit trafficking of narcotic drugs and psychotropic substances	151	157	76	54	114
Illicit trafficking of precursor chemicals	0	2	0	0	0
Non-compliance with license	0	1	0	0	0
Offence of substance abuse	419	455	356	205	593
Offence of substance abuse by minor	0	7	2	4	11
Sale or distribution of inhalants or solvents to minors	2	0	0	0	0
<b>Others offence</b>	<b>38</b>	<b>41</b>	<b>51</b>	<b>30</b>	<b>0</b>
Conveyances of unauthorized articles	0	0	0	0	0
Offences related to Tobacco control Act	38	41	50	30	0
Offences related to land act of bhutan	0	0	1	0	0
<b>Grand Total</b>	<b>12,381</b>	<b>12,161</b>	<b>11,142</b>	<b>11,175</b>	<b>11,907</b>

Source : Crime &amp; Operations, Royal Bhutan Police, Thimphu.

**Table 17.2: Type of Non-Criminal Incidents Recorded by Month, 2022**

Non-criminal Incident	(Number)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Natural Death	1	5	0	1	1	4	4	0	0	4	1	0	21
<b>Un-natural Death</b>													
Suicide	8	9	11	14	12	9	10	10	10	5	8	6	112
Death due to falling from cliff/high place	1	0	3	1	2	1	1	1	1	1	0	0	12
Accidental Injury	1	0	0	1	0	1	0	2	1	0	0	3	9
Death due to drowning	2	0	0	0	2	1	5	1	2	1	1	1	16
Death due to drug overdose	0	0	1	0	0	0	0	0	0	0	0	0	1
Death due to electrocution	0	0	0	0	0	4	1	0	2	1	1	0	9
Death due to Fire Incident	0	0	0	0	0	0	0	0	0	0	0	2	2
Death due to other causes	7	3	1	1	2	3	4	2	0	2	2	2	29
Attempted Suicide	2	1	2	1	1	0	2	3	2	2	2	4	22
Missing of Person	10	6	8	15	13	18	18	10	13	18	15	11	155
<b>Total</b>	<b>32</b>	<b>24</b>	<b>26</b>	<b>34</b>	<b>33</b>	<b>41</b>	<b>45</b>	<b>29</b>	<b>31</b>	<b>34</b>	<b>30</b>	<b>29</b>	<b>388</b>

Source: Crime & Operations, Royal Bhutan Police, Thimphu.

Table 17.3: Number of Person Arrested by Offence and Age Group, 2022

Offence	Below 18	19-24	25-31	32-38	39-45	46-52	53-59	60-66	67-73	Above 74	Total
<b>Offence related to Penal Code of Bhutan</b>											
Abandonment of a dead infant	0	1	0	0	1	0	0	0	0	0	2
Abandonment of an infant or a child	0	0	0	1	0	0	0	0	0	0	1
Aiding and abetting	0	3	6	0	1	0	1	0	0	0	11
Arson	0	0	0	0	0	1	0	0	0	0	1
Assault	4	22	15	15	10	4	2	2	0	0	74
Assault of child	0	0	1	0	0	0	0	0	0	0	1
Auto stripping	2	12	8	4	1	1	0	0	0	0	28
Battery	195	226	247	199	100	35	16	15	4	1	1,038
Bestiality	0	0	0	0	0	1	0	0	0	0	1
Blackmail	0	1	0	0	0	0	0	0	0	0	1
Breach of public order and tranquility	3	5	19	14	15	7	1	1	0	0	65
Breach of Trust	0	4	4	4	0	0	0	0	0	0	12
Burglary	36	22	20	9	5	0	2	2	0	1	97
Child molestation	1	3	2	3	1	2	0	0	0	0	12
Criminal attempt to burglary	0	0	1	0	0	0	0	0	0	0	1
Criminal attempt to involuntary manslaughter	0	0	0	0	1	0	0	0	0	0	1
Criminal attempt to Larceny	0	0	1	1	0	0	0	0	0	0	2
Criminal attempt to murder	0	0	2	2	0	0	2	0	0	0	6
Criminal Attempt to Rape	0	1	3	0	0	1	0	0	0	0	5
Criminal attempt to rape of a child above twelve years of age	0	0	1	0	0	0	0	0	0	0	1
Criminal attempt to statutory rape	0	0	2	1	0	0	0	0	0	0	3
Criminal attempt to voluntary manslaughter	1	5	1	1	0	0	1	0	0	0	9
Criminal elopement	0	0	1	0	0	0	0	0	0	0	1
Criminal misappropriation	0	0	1	0	0	0	0	0	0	0	1
Criminal misappropriation of property	0	0	2	0	0	0	1	0	0	0	3
Criminal nuisance	0	1	1	4	0	0	0	0	0	0	6
Culpabal driving	0	1	3	5	3	1	1	0	0	0	14

(continued)

(Table 17.3 continued)

Offence	Below 18	19-24	25-31	32-38	39-45	46-52	53-59	60-66	67-73	Above 74	Total
Deceptive practice	8	8	24	14	10	5	1	1	1	1	73
Defamation	0	2	4	7	3	1	0	0	0	0	17
Disorderly conduct	0	2	1	4	0	0	0	0	0	0	7
Display of weapon	1	8	13	8	1	1	2	1	0	1	36
Drawing of illegal documents	0	0	0	0	1	0	0	0	0	0	1
Drink driving	0	1	0	0	0	0	0	0	0	0	1
Embezzlement	0	0	1	1	0	0	0	0	0	0	2
Escape from lawful custody	0	3	3	0	0	0	0	0	0	0	6
Failure to assist lawful authority	0	0	0	3	0	0	0	0	0	0	3
Espionage	0	0	0	0	0	0	1	0	0	0	1
Failure to report a crime	0	2	6	4	1	1	0	1	0	0	15
Forgery	0	0	2	4	1	0	0	1	0	0	8
Fraudulent cheque writing	0	0	2	4	2	0	1	0	0	0	9
Fronting	0	0	2	0	1	1	0	0	0	0	4
Gambling	0	4	21	24	23	18	6	6	0	0	102
Hit and run	0	1	1	0	1	0	0	0	0	0	3
Harassment	3	16	22	13	10	7	0	1	1	0	73
Illegal Sale of Alcohol	0	0	0	1	0	0	0	0	0	0	1
Illegal abortion	1	2	0	0	0	0	0	0	0	0	3
Illegal fund raising	0	0	0	0	1	0	0	0	0	0	1
Illegal hunting or fishing	0	1	1	1	1	1	0	0	0	0	5
Illegal manufacturing of a firearm,ammunition, explosive, or other lethal weapon	1	2	1	1	0	0	0	0	0	0	5
Illegal possession of a firearm, ammunition, explosive, or other lethal weapon	0	4	2	4	2	0	0	0	0	0	12
Illicit Sale of cultural and national heritage property	0	0	1	0	0	0	0	0	0	0	1
Impersonation of an official	0	0	1	0	0	0	0	0	0	0	1
Impersonation of uniformed personnel	0	0	0	0	1	0	0	0	0	0	1
Incest	0	0	0	0	0	1	0	0	0	0	1

(continued)

(Table 17.3 continued)

Offence	Below 18	19-24	25-31	32-38	39-45	46-52	53-59	60-66	67-73	Above 74	Total
Indecent exposure	0	0	0	1	1	0	0	0	0	0	2
Involuntary Manslaughter	0	0	1	2	1	1	0	0	1	0	6
Larceny	26	49	52	33	24	5	3	1	0	0	193
Larceny by deception	6	3	6	5	3	0	0	0	0	0	23
Larceny of property lost, mislaid, or delivered by mistake	0	2	1	2	1	1	0	0	0	0	7
Libel	0	0	1	1	1	0	0	0	0	0	3
Malicious Mischief	5	9	12	7	3	0	0	1	0	0	37
Motor Vehicle accident fatal	0	1	1	1	0	0	0	0	0	0	3
Not having proper control over the vehicle	0	0	0	0	3	0	0	0	0	0	3
Negligent burning or exploding	0	0	1	0	0	0	0	1	0	0	2
Negligent homicide	0	1	0	3	0	0	1	0	1	0	6
Obstruction of lawful authority	0	4	11	3	2	2	0	0	0	0	22
Obstruction of thoroughfare	0	0	0	1	0	0	0	0	0	0	1
Offence against the ku, sung, thuk-ten, or zung	0	0	0	1	0	0	0	0	0	0	1
Official misconduct	0	0	1	3	4	0	1	1	2	0	12
Possession of a controlled substance	0	0	1	0	0	0	0	0	0	0	1
Possession of stolen property	0	1	2	0	0	0	0	0	0	0	3
Prejury	0	0	1	1	0	0	1	0	0	0	3
Promotion of prostitution	0	1	1	0	0	1	0	0	0	0	3
Prostitution	0	1	0	0	0	1	0	0	0	0	2
Prowling	1	0	1	0	0	0	0	0	0	0	2
Public intoxication	0	2	4	6	2	1	0	0	0	0	15
Rape	0	0	3	1	1	0	2	0	1	0	8
Rape of a child above 12 years of age	2	22	10	4	2	0	3	1	0	1	45
Rape of a married person	0	1	1	0	0	0	1	0	0	0	3
Reckless endangerment	0	0	0	0	0	0	0	1	0	0	1
Reckless endangerment of property	4	4	4	9	2	0	0	0	0	0	23
Reporting of false information	0	2	6	1	2	0	0	0	0	0	11
Risking the Protected species	0	1	0	0	0	1	0	0	0	0	2

(continued)



(Table 17.3 continued)

Offence	Below 18	19-24	25-31	32-38	39-45	46-52	53-59	60-66	67-73	Above 74	Total
Robbery	0	0	1	0	2	0	0	0	0	0	3
Sedition	0	1	0	2	0	1	0	1	0	0	5
Sexual Harassment	1	1	4	3	3	2	0	0	0	0	14
Solicitation	0	1	1	0	0	0	0	0	0	0	2
Statutory Rape	7	4	0	0	1	0	1	0	1	0	14
Theft of service	0	1	3	7	0	1	0	1	0	0	13
Trespass	3	4	8	5	1	1	0	0	0	1	23
Unauthorized use of property	4	3	1	1	0	1	0	0	0	0	10
Violation of bodily privacy	0	0	1	0	0	0	0	0	0	0	1
Voluntary Manslaughter	0	1	0	1	0	2	0	0	0	0	4
Economic abuse	0	0	1	2	1	0	1	0	0	0	5
Emotional abuse	0	6	13	11	15	5	1	1	0	0	52
Physical abuse	2	52	155	157	75	30	16	6	2	0	495
<b>Offence related to Narcotic Drugs Psychotropic Substances and Substance Abuse Act</b>											
Criminal attempt to Illicit trafficking of narcotic drugs and	0	1	0	0	0	0	0	0	0	0	1
Illegal possession of cannabis and its derivatives	0	1	3	2	1	0	0	0	0	0	7
Illegal possession of narcotics drugs and Psychotropic substances	1	9	9	3	1	0	0	0	0	0	23
Illicit trafficking of cannabis and its derivatives	5	16	19	9	1	1	0	0	0	0	51
Illegal trafficking of cannabis and its derivatives	0	0	0	1	0	0	0	0	0	0	1
Illicit trafficking of narcotic drugs and psychotropic substances	5	58	75	41	3	2	0	0	0	0	184
Offence of substance abuse	264	489	292	88	8	1	0	0	0	0	1,142
Offence of substance abuse by minor	28	0	0	0	0	0	0	0	0	0	28
<b>Offence related to Child Care and Protection Act</b>											
Child Battery	1	0	3	3	4	2	1	1	0	0	15
Child abuse	0	0	1	0	0	0	0	1	0	0	2
<b>Total</b>	<b>621</b>	<b>1,115</b>	<b>1,160</b>	<b>777</b>	<b>365</b>	<b>151</b>	<b>70</b>	<b>48</b>	<b>14</b>	<b>6</b>	<b>4,327</b>

Source: Crime & Operations, Royal Bhutan Police, Thimphu.



**Table 17.5: Motor Vehicle Accident by Dzongkhag, 2018 - 2022**

(Number)

<b>Dzongkhag</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
Bumthang	21	6	4	3	7
Chhukha	296	347	165	115	119
Dagana	10	19	24	17	42
Gasa	2	6	3	8	8
Haa	21	32	16	23	15
Lhuentse	2	7	2	3	3
Monggar	47	13	8	15	27
Paro	172	193	136	141	91
Pema Gatshel	12	40	12	18	10
Punakha	9	76	61	53	48
Samdrup Jongkhar	46	22	17	15	13
Samtse	37	44	36	56	72
Sarpang	27	52	26	14	34
Thimphu	460	469	141	131	58
Trashigang	46	28	30	31	41
Trashigang Yangtse	6	12	14	9	26
Trongsa	13	13	8	18	18
Tsirang	59	37	44	32	36
Wangdue Phodrang	55	38	37	29	87
Zhemgang	19	17	26	14	25
<b>Bhutan</b>	<b>1,360</b>	<b>1,471</b>	<b>810</b>	<b>745</b>	<b>780</b>

Source: Crime & Operations, Royal Bhutan Police, Thimphu.

**Table 17.6: The Cause of Fatal Motor Vehicle Accident, 2020 and 2022**

	(Number)		
<b>Cause of Accident</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>Driver error</b>			
Unlicensed driving	18	7	65
Speeding	14	15	71
Not following general duty of driver	0	0	42
Drunk driving	7	4	128
Reckless/Careless driving	5	5	0
Sleep-deprived driving	0	0	22
Unsafe U-turn	0	0	3
Sleep/fatigue driving	6	5	0
Over load	2	4	3
Unsafe reverse	2	2	17
Driving on learner license	1	0	0
Unsafe overtaking	0	0	13
Not giving right of way	1	0	16
Not keeping left	1	1	68
Tailgating	0	0	22
Not having proper control over the vehicle	0	0	128
Under influence of Drugs	0	0	1
Unknown	0	0	12
Using mobile phone	1	0	0
<b>Mechanical failure</b>			
Brake failure	1	1	25
Tire burst	0	0	1
Steering failure	0	0	11
<b>Road condition</b>			
Landslide	0	0	6
Improper conning of construction area	0	0	4
Potholes	0	0	7
Slippery surface	0	0	10
Sinking road	0	0	3
Damaged road	0	0	5
Narrow road	3	0	0
Loose soil	1	0	0
Icy or snowy road	1	1	2
Steep road	1	0	0
Falling boulders	2	1	22
<b>Weather condition</b>			
Fogy	3	2	27
Rainy	1	0	18
<b>Unknown/Pending cases</b>			
Unknown cause/Under investigation	12	0	0
Others	0	0	141
<b>Total</b>	<b>83</b>	<b>48</b>	<b>893</b>

Source: Thimphu Traffic Division, Royal Bhutan Police

**Table 17.7: Fines Imposed for Violation of Traffic Rules by Division, 2018 - 2022**

(Nu. in Million)

<b>Division/Dzongkhag</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
Division I (Paro & Haa)	2.573	2.730	11.509	7.529	12.207
Division II (Punakha & Gasa)	1.421	1.841	1.639	1.447	2.261
Division III (Chhukha)	5.003	5.580	0.545	0.782	1.297
Division IV (Samtse)	1.613	1.961	1.032	0.838	2.102
Division V (Sarpang & Zhemgang)	3.793	2.846	0.561	0.659	0.931
Division VI (Tsirang & Dagana)	1.469	0.954	1.465	1.377	1.485
Division VII (Trongsa)	0.592	0.413	0.598	0.826	1.916
Division VIII (Samdrupjongkhar & Pemagatshel)	2.602	5.148	0.186	0.399	0.655
Division IX (Trashigang)	0.747	0.732	0.471	0.614	2.029
Division X (Monggar & Lhuentse)	0.850	0.514	0.627	0.691	0.825
Thimphu Traffic Division	11.823	16.260	0.123	0.631	1.053
Division XII (Wangduephodrang)	2.577	2.999	0.776	1.238	0.992
Division XIII (Bumthang)	0.438	0.364	0.359	0.560	1.055
Division XIV (Tashi Yangtse)	0.357	0.252	0.112	0.301	0.415
<b>Total</b>	<b>35.858</b>	<b>42.593</b>	<b>20.001</b>	<b>17.892</b>	<b>29.223</b>

Source: Traffic Division, Royal Bhutan Police, Thimphu.

ADMINISTRATIVE MAP OF BHUTAN.





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