



Annual Info-Comm and Transport Statistical Bulletin

(13th Edition, 2022)

**Policy and Planning Division
Ministry of Information and Communications
Royal Government of Bhutan**

10th February 2022

FOREWORD

The Ministry of Information and Communications (MoIC) is pleased to present the 13th edition of the Annual Info-Comm and Transport Statistical Bulletin 2022. The data and other information provided in this annual bulletin are valid as of December end 2021.

Like in the past publications, this annual bulletin covers statistical data and information covering the ICT, Telecommunications, Media, Postal, Surface Transport, and Civil Aviation sectors. The information has been compiled from various sectors, and MoIC would like to thank all the agencies for their kind cooperation and support. The Annual Statistical Bulletin has been formatted for easy understanding and the information may be used freely for planning and other purposes. Every effort has been made to ensure consistency of the data with the Statistical Yearbook of Bhutan and other similar publications with additional statistical information added for quick analysis. For sectoral consistency, all are requested to use the data provided herein.

For easier, wider, and better access to information provided in this annual bulletin as well as to support the government's effort in reducing paper usage, MoIC is posting this publication online with no printed copies. As usual, MoIC welcomes feedback and suggestions on the content, structure, or design of this bulletin from our partner agencies, stakeholders, and users. Efforts are also being made to update the basic data every three months to ensure the availability of most recent data at any given time.

TASHI DELEK



Phuntsho Tobgay
Secretary
Ministry of Information and Communications

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I. ABOUT THE ANNUAL INFO-COMM AND TRANSPORT STATISTICAL BULLETIN

The Annual Info-Comm. and Transport Statistical Bulletin is aimed at disseminating up-to-date and correct information and statistical data on ICT, Media, Transport, and Postal services in the country.

The data in this report were collected and compiled by the Policy and Planning Division of the Ministry of Information and Communications (MoIC). However, agencies dealing with ICT/telecom, Media, Transport, and Postal services are the direct source of statistical data concerning their respective areas.

The statistical bulletin provides data until December 2021, and therefore, is valid as of that period. An Attempt has been made to provide detailed statistical information keeping most parameters into account; however, there are many areas that still lack information. MoIC will continue its endeavor to improve and include missing information in subsequent publications.

This bulletin is divided into two chapters. Chapter One provides statistical information on information society broadly dealing with ICT, Telecommunications, Media, and Postal sectors. Chapter Two deals with the transport sector focusing on Civil Aviation and Surface Transport activities.

It is hoped that the information provided in this publication will prove useful for use by Government agencies, the general public, development partners, training institutions, and students alike.

II. SUMMARY OF ICT, MEDIA AND TRANSPORT SECTOR INDICATORS

Sectors	Data (as of December 2021)
ICT/Telecommunications Sector	
<ul style="list-style-type: none"> Internet subscribers¹ Proportion of population using internet Fixed line telephone subscribers Number of Dzongkhags HQ's with Fixed line connections Mobile cellular subscribers Proportion of population using mobile cellular services Number of Gewog HQ's with access to mobile network Number of Telecom operators Number of Internet Service Providers 	<p>751,590 (734,667 in 2020): 2.3% increase</p> <p>99.4 % (98.1% in 2020): 1.3% increase</p> <p>19,680 (22,987 in 2020): 14% decrease</p> <p>All the 20 Dzongkhags</p> <p>778,008 (745,137 in 2020): 4.4% increase</p> <p>102.9% (99.5% in 2020): 3.4% increase</p> <p>All 205 Gewogs</p> <p>2</p> <p>8 (7 in 2020)</p>
Media Sector	
<ul style="list-style-type: none"> Number of television stations Number of radio stations Number of Newspaper Number of Magazines² Number of publication houses 	<p>1 (BBS Channel 1, 2 & 3)</p> <p>12 (including community and campus radio stations)</p> <p>7</p> <p>2</p> <p>21</p>
Surface Transport Sector	
<ul style="list-style-type: none"> Total number of vehicles 	119,636 (112,058 in 2020): 6.8% increase

¹ Internet subscribers here refer to those household/organizations/individuals connected by Fixed Broadband, GPRS/EDGE/3G/4G and Lease line only. The figure does not take into account the actual number of internet users via their Offices, community centers, Internet Cafes or homes. Decrease in number of internet is mostly attributed to people deregistering for 3G services, and also due to decrease in fixed broadband services.

² The list excludes those magazines published by respective airlines

<ul style="list-style-type: none"> • Total number of Taxis • Total number of motor vehicle accidents • Total number of fatalities due to motor vehicle accidents • Total number of injuries due to motor vehicle accidents 	<p>6,023 (5,782 in 2020): 4.2% increase</p> <p>745 (811 in 2020): 8.1% decrease</p> <p>112 (88 in 2020): 27.3% increase</p> <p>375 (459 in 2020): 18.3% decrease</p>
Air Transport Sector	
<ul style="list-style-type: none"> • Total number of domestic airports • Total number of international airport • Total number of airlines operating domestic routes • Total number of airlines operating international routes • Total number of international air passengers (excluding connecting sectors) • Total number of domestic air passengers • Total number of helicopter service operator 	<p>3</p> <p>1</p> <p>1</p> <p>2</p> <p>13,444 (50,382 in 2020): 73.3% decrease</p> <p>8,899(6,509 in 2020): 36.7% increase</p> <p>1</p>

CHAPTER 1- INFORMATION SOCIETY

This Chapter deals with basic statistical information and comparison relating to the information society such as ICT, Telecommunication, Post and the Media.

A. ICT and Telecommunication Development

Since the introduction of internet and telecommunication services in the country, rapid development is being observed in the sector. As of December 2021, the country has two licensed telecommunication service providers and eight Internet Service Providers (ISPs).

The eight ISPs are Bhutan Telecom Limited (BTL), Tashi InfoComm Limited (TICL), DrukCom, Supernet InfoComm, Bitcom Systems, Datanet Wifi, Nilo Fibernet, and Nano³. Bhutan Telecom Limited is the sole provider of Fixed-line telecommunication services, while Cellular Mobile services are provided by B-Mobile (Bhutan Telecom Limited) and Tashi-Cell (Tashi Info-Comm. Ltd). With the exception of Bhutan Telecom, which is a state-Owned Enterprise, all other ISPs and TSPs are private sector ventures.

Table 1: Key ICT indicators- as of December 2021

Sl. No.	Indicators	Number
1	Fixed Telephone line subscribers	19,680
2	Mobile Cellular subscribers	778,008
3	Internet subscribers ⁴ :	751,590
	i. Lease line subscribers	5,144
	ii. Fixed Broadband subscribers	2,777
	iii. GPRS/EDGE subscribers	73,307
	iv. Mobile Broadband (3G + 4G) subscribers	670,362
4	No. of Gewogs with access to Mobile services	All 205 Gewogs
5	No. of Dzongkhags head-offices with Optical Ground wire (OPGW) connection	18 Dzongkhags
6	No. of Dzongkhags head-offices with All Dielectric Self Supporting (ADSS) Cable connection	2 Dzongkhags
7	No. of agencies/educational institutions connected with fiber	831 from 1084 agencies

1.1. Fixed-Line Telephony

The total number of fixed telephone line subscriptions, as of December end 2021, decreased by about 14 percent in comparison to December end 2020. The total number of fixed telephone line subscriptions in 2021 was 19,680 i.e. 3,307 subscribers less than 2020. This corresponds to about 2.6 subscriptions per 100 inhabitants⁵.

³ License of Drangdhen Tshonglay cancelled

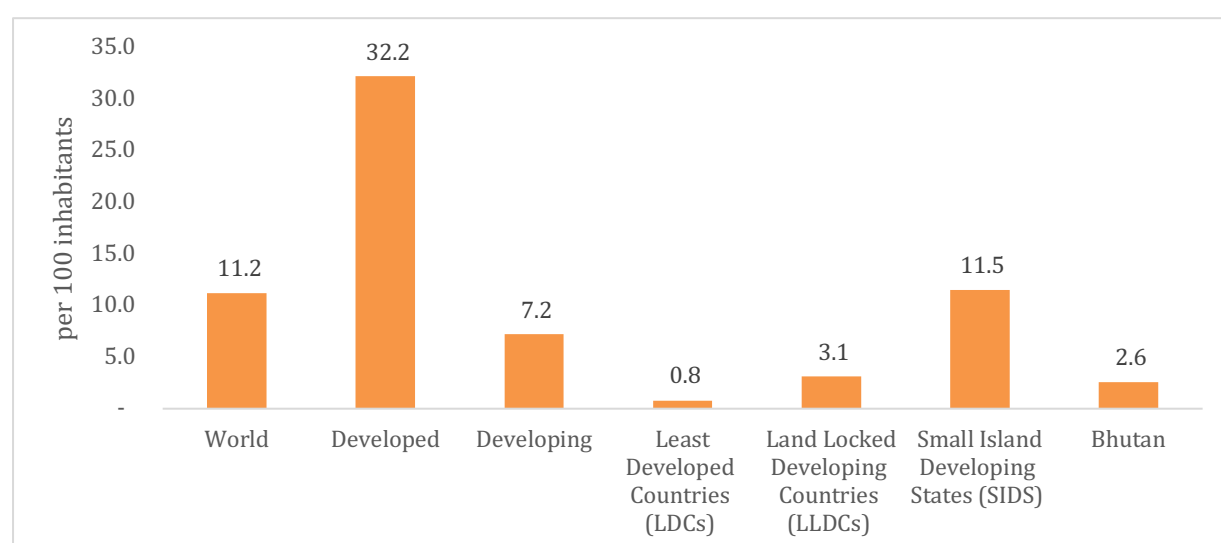
⁴ Dial up internet connection discontinued by all ISP providers. 3G and 4G users are clubbed together

⁵ Total projected population of Bhutan as of 2020 December is taken as 756,129 (NSB-estimated projection)

In comparison to Bhutan's 2.6 fixed telephone line subscriptions per 100 inhabitants, there are 11.2 Fixed Telephone line subscribers per 100 inhabitants Globally (as per the International Telecommunication Union (ITU) estimates for 2021). For the Asia-Pacific region, there are 8.4 subscriptions per 100 inhabitants. Likewise, there are 32.2 and 7.2 fixed telephone line subscriptions per 100 Inhabitants for Developed and Developing countries respectively. However, Least Developed countries only have 0.8 fixed telephone line subscriptions per 100 Inhabitants. Similarly, for Landlocked Developing Countries and for the African continent, on average, have 3.1 and 0.6 fixed telephone line subscriptions per 100 inhabitants respectively.

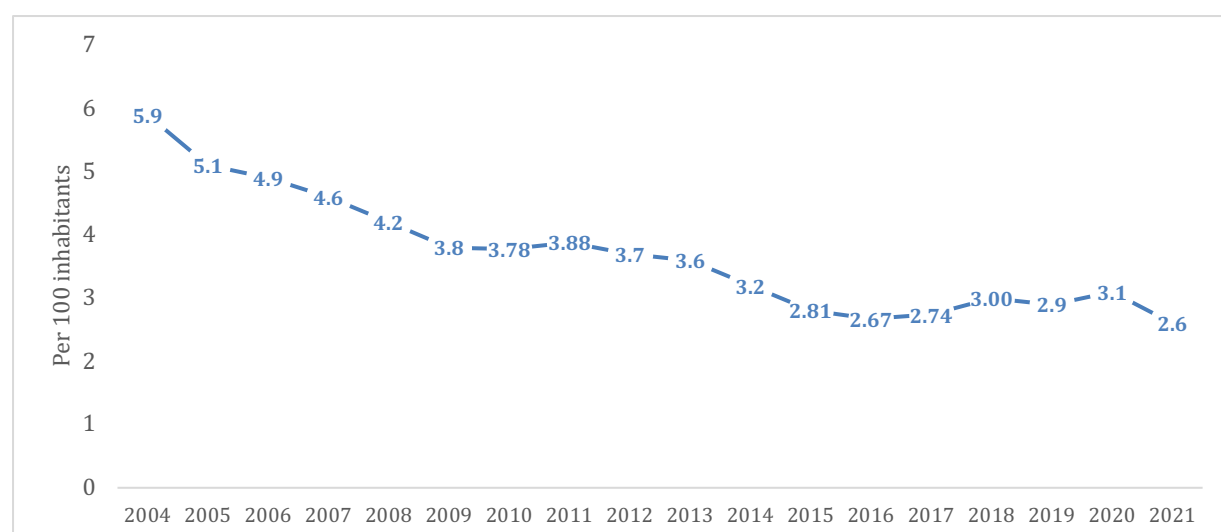
The low level of fixed telephone line penetration has become a global phenomenon and not specific to any country. In the case of Bhutan, the low level of fixed telephone line uptake could be attributed to the rise in mobile cellular broadband services.

Chart 1: Fixed-telephone line subscriptions per 100 inhabitants, 2021



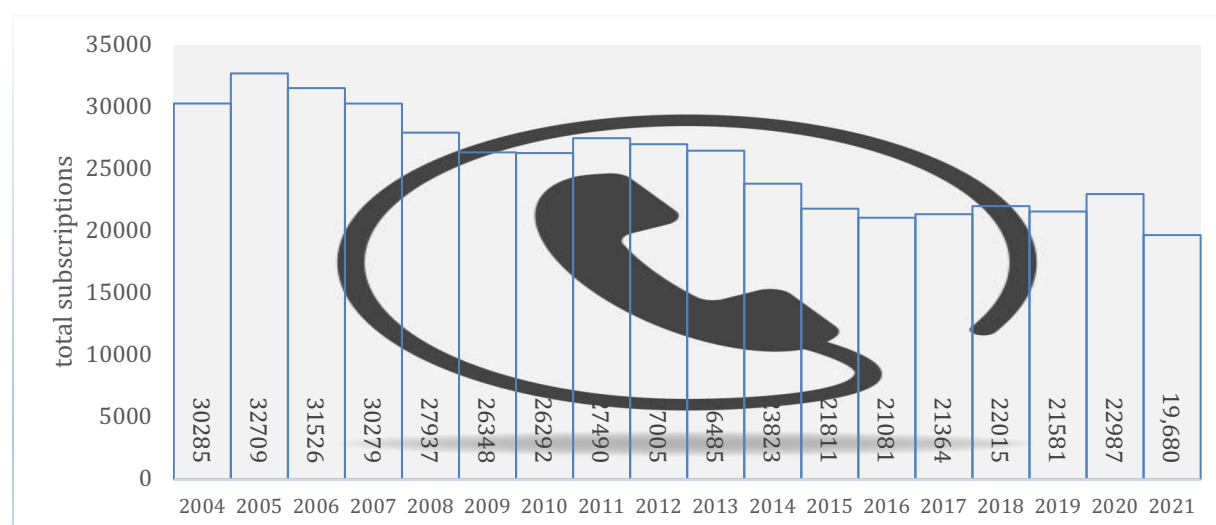
Source: International Telecommunication Union (ITU) and MoIC, Bhutan

Chart 2: Fixed-telephone line subscriptions per 100 inhabitants, Bhutan, 2004-2021



Source: Bhutan Telecom & MoIC

Chart 3: Year on Year total Fixed-telephone Line Subscriptions trend, Bhutan 2004-2021



Source: Bhutan Telecom

Table 2: Dzongkhag wise Fixed-telephone line subscriptions trend, Bhutan, 2015-2021

Sl. No.	Dzongkhag	Dec. 2021	Dec. 2020	Dec. 2019	Dec. 2018	Dec. 2017	Dec. 2016	Dec. 2015
1	Bumthang	495	554	571	612	521	503	612
2	Chukha	2,003	2565	1492	2475	2,448	2,535	2,706
3	Dagana	140	142	170	176	179	172	103
4	Gasa	74	99	76	73	67	65	42
5	Haa	279	342	291	289	305	301	326
6	Lhuntse	130	156	141	134	123	136	138
7	Mongar	496	539	488	556	586	610	671
8	Paro	1,426	1854	1628	1621	1,737	1,689	1,560
9	Punakha	436	520	273	373	383	424	442
10	Pemagatshel	175	226	216	214	204	211	172
11	Samtse	419	523	584	560	540	557	620
12	Sarpang	748	968	957	985	984	1,031	1,218
13	Samdrup Jongkhar	879	979	1013	928	890	922	946
14	Thimphu	10,006	11008	11159	10525	9,993	9,445	9,578
15	Trongsa	301	382	478	375	363	380	377
16	Trashigang	537	610	597	637	643	675	761
17	Tashi Yangtse	193	203	190	189	173	167	152
18	Tsirang	175	221	227	217	197	224	250
19	Wangdue Phodrang	553	816	734	784	740	734	799
20	Zhemgang	215	280	296	292	288	300	338
Grand Total		19680	22987	21581	22015	21364	21081	21811

Source: Bhutan Telecom

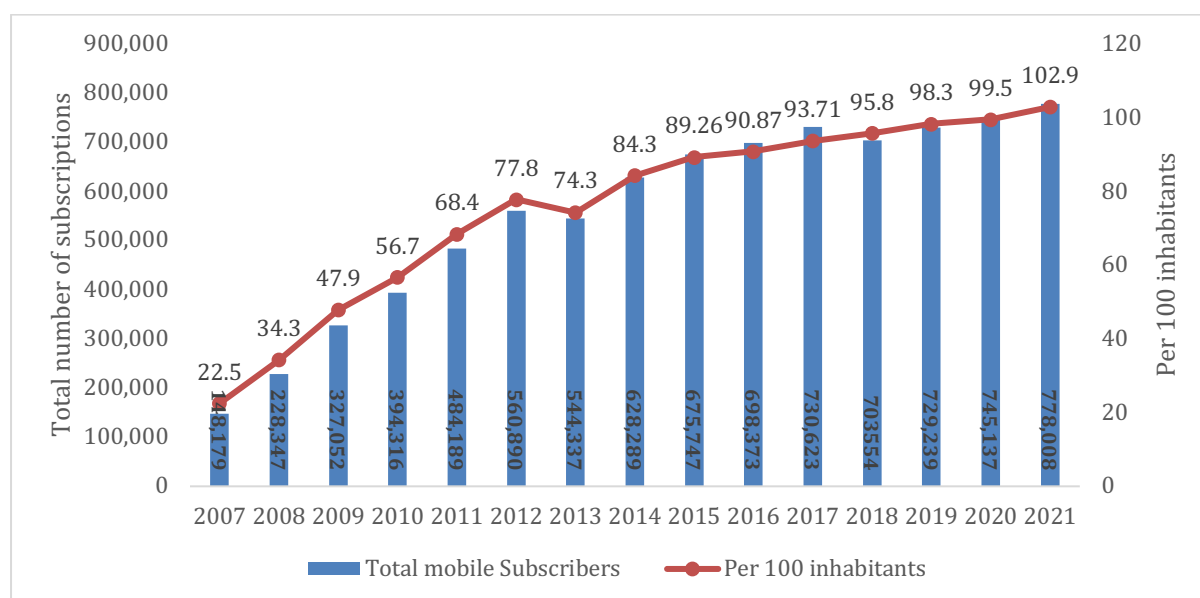
1.2. Mobile Cellular Telephony

The two mobile service providers in the country are B-Mobile (Bhutan Telecom Ltd), a state-owned enterprise, and Tashi-Cell (Tashi Info-Comm. Ltd), a privately-owned enterprise. Mobile services are now available in all the 20 Dzongkhags and Gewogs except for a few remote villages.

As of December end 2021, the two Operators had a combined subscription base of 778,008 i.e. an increase of 4.4 % from 2020. Of the total mobile subscriptions, Bhutan Telecom had 465,104 and Tashi Cell had 312,904 mobile cellular subscriptions. However, these subscriptions include 36,079 and 25,700 passive subscriptions for Bhutan Telecom and T-cell respectively in 2021.

The International Telecommunication Union (ITU)⁶ estimates that in 2021, there were 109.9 mobile cellular subscriptions per 100 inhabitants Globally. Likewise, Developed countries had 134.8 mobile cellular subscriptions per 100 inhabitants, the Developing countries had 105.1, the Least Developed Countries had 75.6, and Landlocked Developing countries had 77 subscriptions per 100 inhabitants. In comparison, Bhutan had 102.9 mobile cellular subscriptions per 100 inhabitants, which is better than the average of Least developing countries (75.6), Landlocked Countries (77), Small Island Developing Countries (87.1), African countries average (82.7), and the average of Arab States (97.5). Nevertheless, Bhutan still trails the Americas (119.4), European countries average (118.2), and the average of the Asia and the Pacific region (112.4).

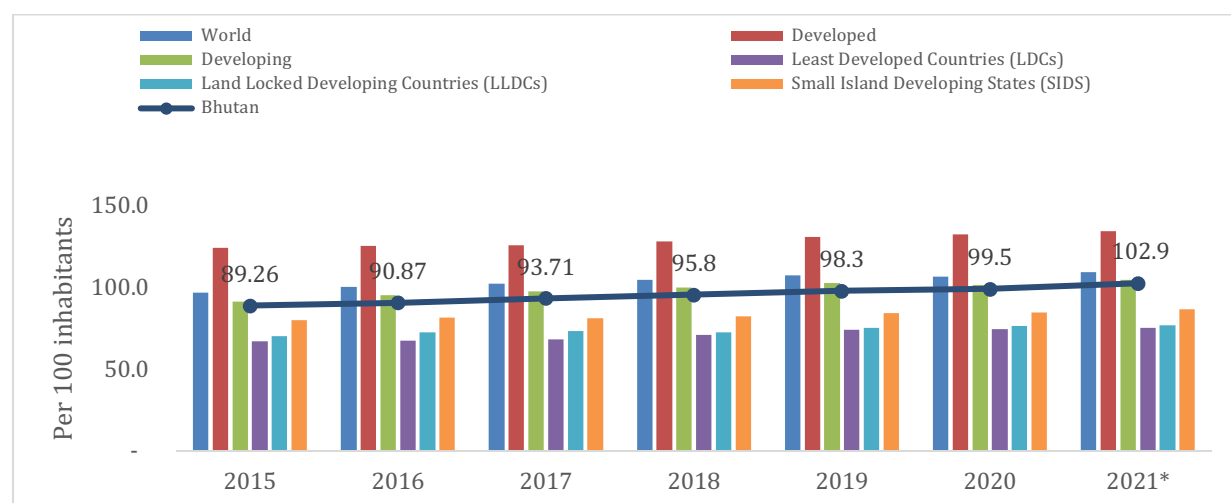
Chart 4: Year on Year total Mobile Cellular subscriptions and subscriptions per 100 inhabitants, Bhutan, 2007-2021



Source: Bhutan Telecom & Tashi Cell

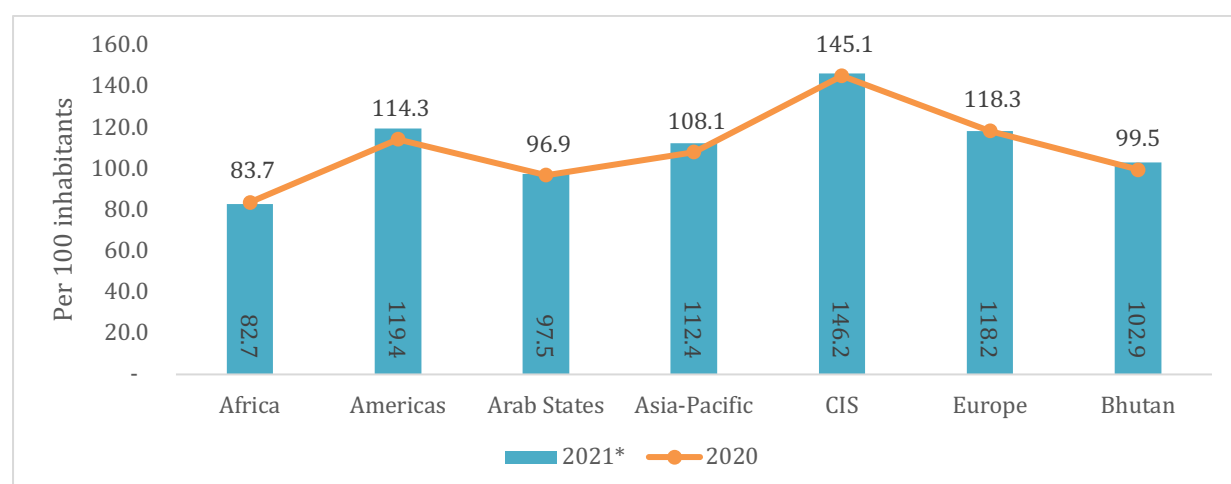
⁶ ITU estimates are available at <https://www.itu.int/en/ITU-D/Statistics/Documents/facts/FactsFigures2020.pdf>

Chart 5 : Mobile cellular subscriptions per 100 inhabitants by economic development, 2015-2021



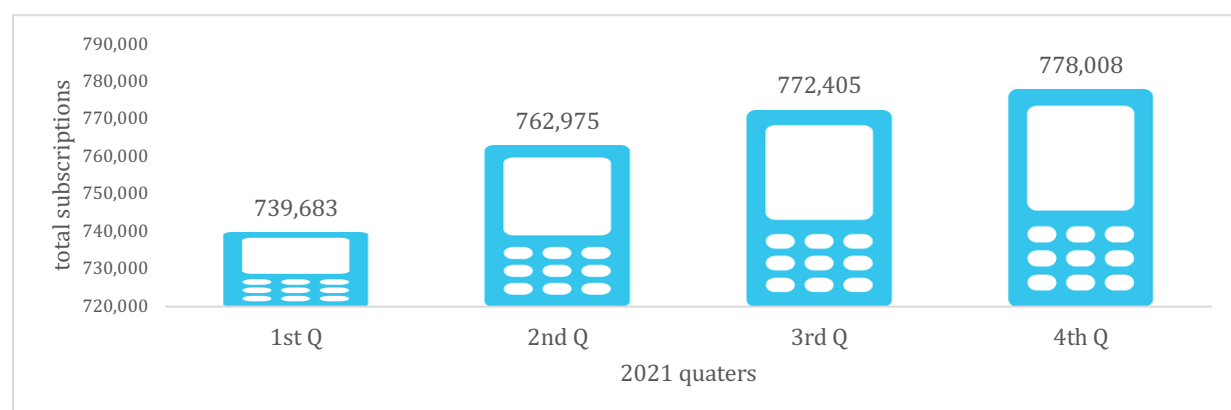
Source: ITU and MoIC

Chart 6 : Mobile cellular subscriptions per 100 inhabitants 2021 by Location



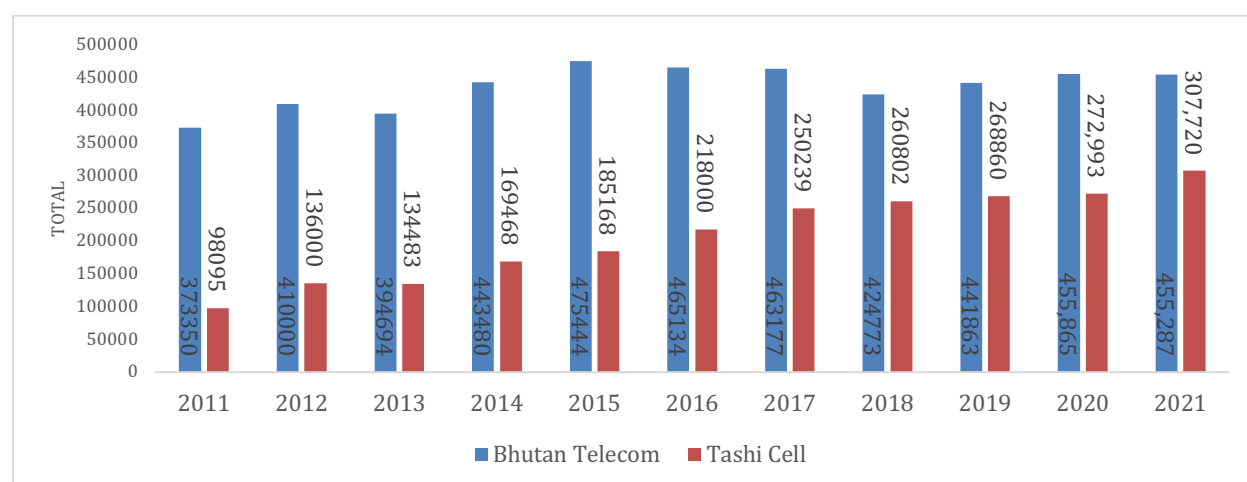
Source: ITU and MoIC

Chart 7: Quarterly mobile subscriptions trend for Bhutan in 2021



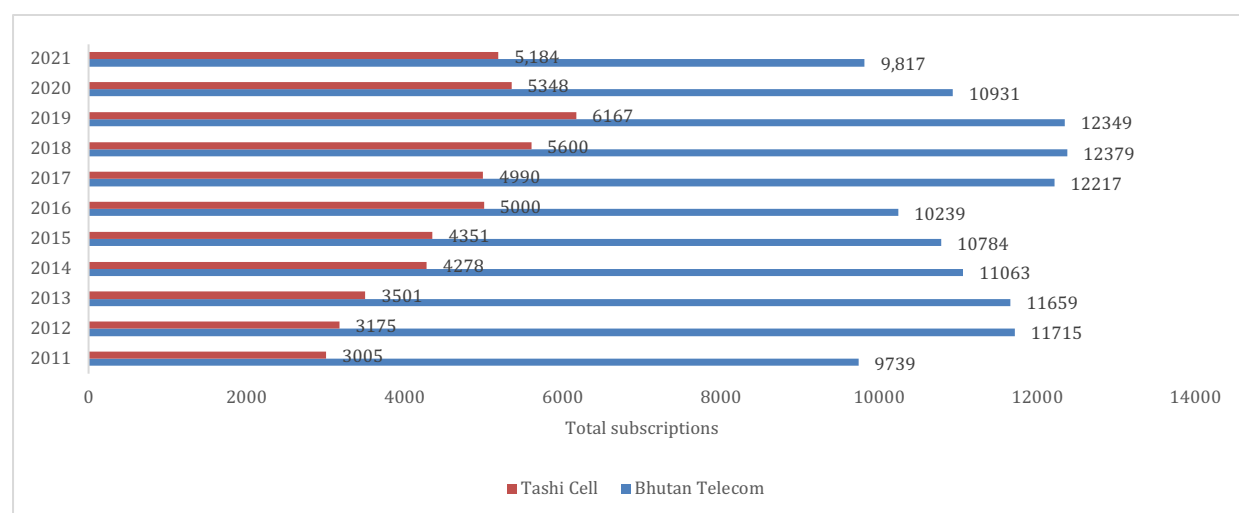
Source: Bhutan Telecom, Tashi Cell

Chart 8: Pre-paid mobile subscriptions trend Bhutan, by Operator, 2011-2021



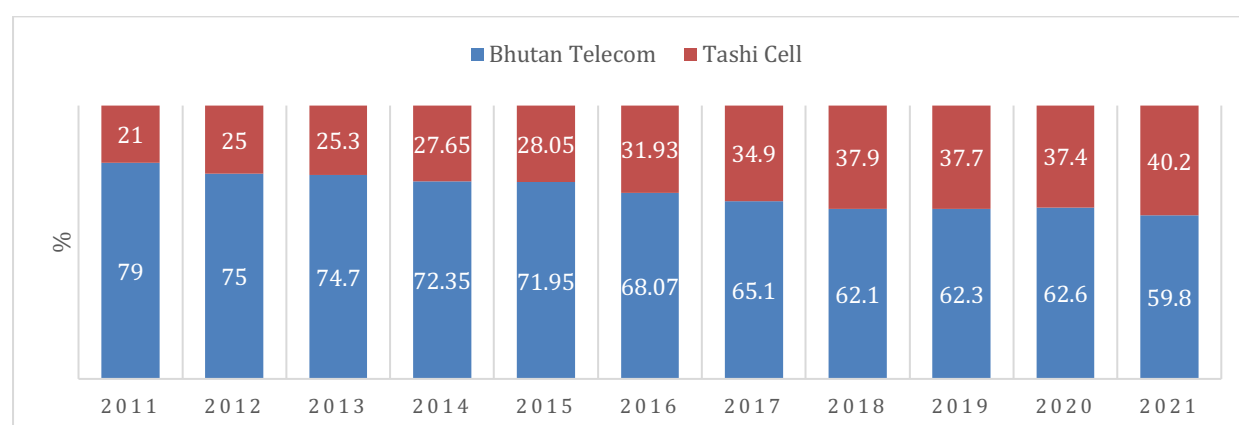
Source: Bhutan Telecom & Tashi Cell

Chart 9: Post-paid mobile subscriptions trend in Bhutan, by Operator, 2011-2021



Source: Bhutan Telecom and Tashi Cell

Chart 10: Mobile cellular Market share trend in Bhutan, by Operator, 2011-2021



Source: MoIC

1.3. Internet Services

Druknet (Bhutan Telecom), DrukCom, Tashi-Cell (Tashi Info-Comm. Ltd.), Supernet InfoComm, Bitcom Systems, Datanet Wifi, Nilo Fibernet, and Nano are the eight licensed Internet Service Providers (ISPs)⁷ in the country providing a wide range of internet services as indicated below:

Table 3: Operators, service provided and coverage 2021

Operators	Type of services provided	Coverage
Druknet, Bhutan Telecom Limited	Lease line	All 20 Dzongkhags
	Fixed broadband	Refer to table 5 below
	EDGE/GPRS ⁸	All 20 Dzongkhags
	3G	All 20 Dzongkhags
	4G	Selected areas in all 20 Dzongkhags
	5G	Selected areas in Thimphu
Tashi Cell	Leased Line	All 20 Dzongkhags (Depends on Line of Sight feasibility)
	EDGE/GPRS	All 20 Dzongkhags
	3G	All 20 Dzongkhags/
	4G	Selected areas in all 20 Dzongkhags
	5G	Selected areas in Thimphu
DrukCom Pvt. Enterprise	Leased Line	Thimphu and Phuentsholing
	Fixed broadband	
Supernet InfoComm	Lease Line Fixed Broadband	Phuentsholing
Bitcom System	Lease Line	Thimphu
Datanet Wifi	Lease Line	Phuentsholing
Nano	Lease Line	Nationwide (19 Dzongkhags)
Nilo Fibernet	Lease Line	Thimphu

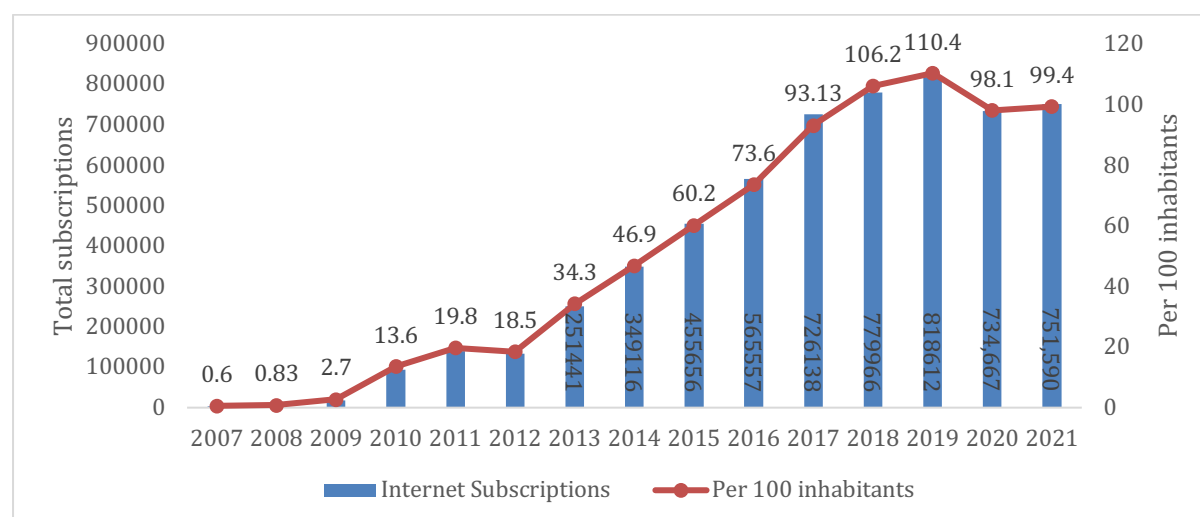
Source: Internet Service Providers (Bhutan)

⁷ Samden Tech discontinued providing internet services. License of Drangdhen Tshonglay cancelled

⁸ All subscribers now converted to 3G users

The overall internet subscriptions in the country as of December 2021 stands at 751,590 subscriptions i.e 1.3% increase in comparisons to 2020. The increase in total number of internet subscriptions could be attributed to the increased use of internet for online education and increased mobile cellular users.

Chart 11: Year on Year Internet subscriptions trend, 2007-2021⁹

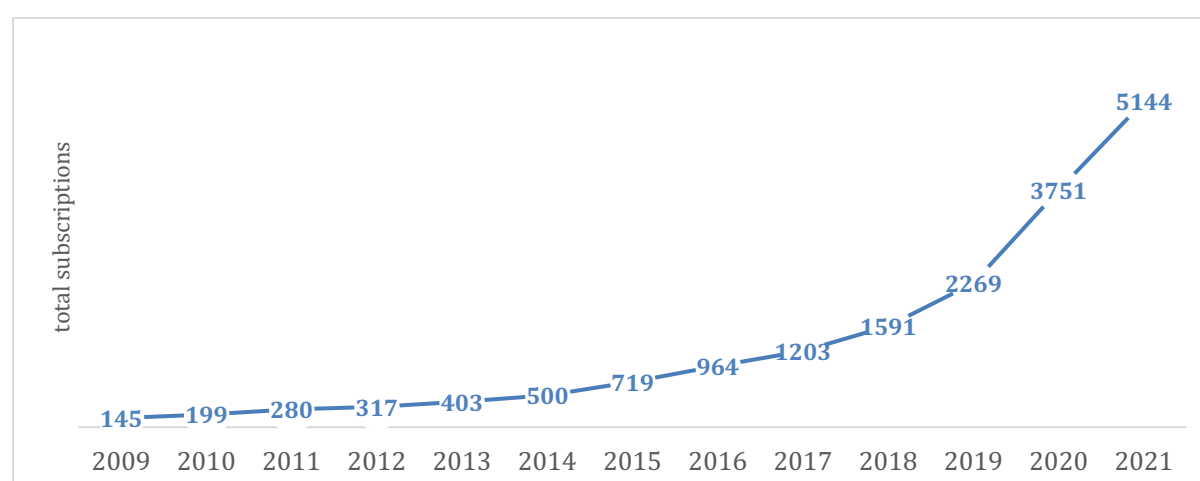


Source: Internet Service Providers (Bhutan)

Types of Internet connections:

Lease Line Connection: Lease line internet subscription continues to grow at a steady rate despite the rapid rise of Mobile Broadband subscribers. 1,393 new Lease Line subscribers were added in 2021, taking the total number of Lease Line Household/Organization subscriptions to 5,144. Over the past year, the lease line subscriptions have increased by 37.1%.

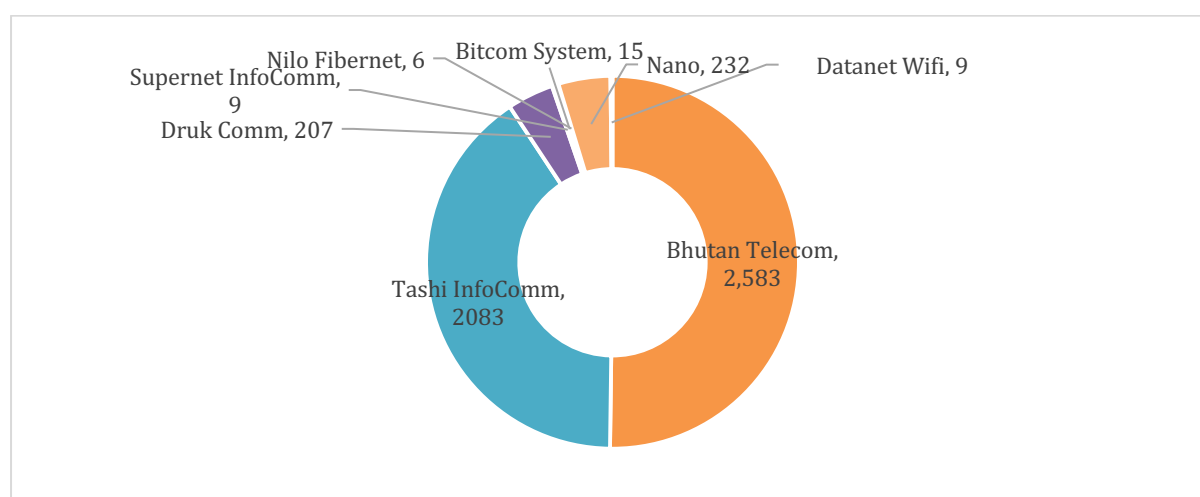
Chart 12: Total Lease-line subscriptions trend, 2009-2021



Source: Source: Internet Service Providers (Bhutan)

⁹ Only the actual numbers of Organizations/Households/individual Internet subscribers of ISPs are taken into account. Decrease is observed as Telecom operators have clubbed 3G and 4G users together.

Chart 13: Total Lease-line subscriptions share by ISPs, 2021



Source: *Source: Internet Service Providers (Bhutan) & MoIC*

Broadband Connection:

Broadband Internet services were first introduced in the country in 2008. The Broadband connections are generally classified into two: Fixed (wired) Broadband and Mobile Broadband (3G and 4G). From 2022, 5G shall be included under Mobile broadband:

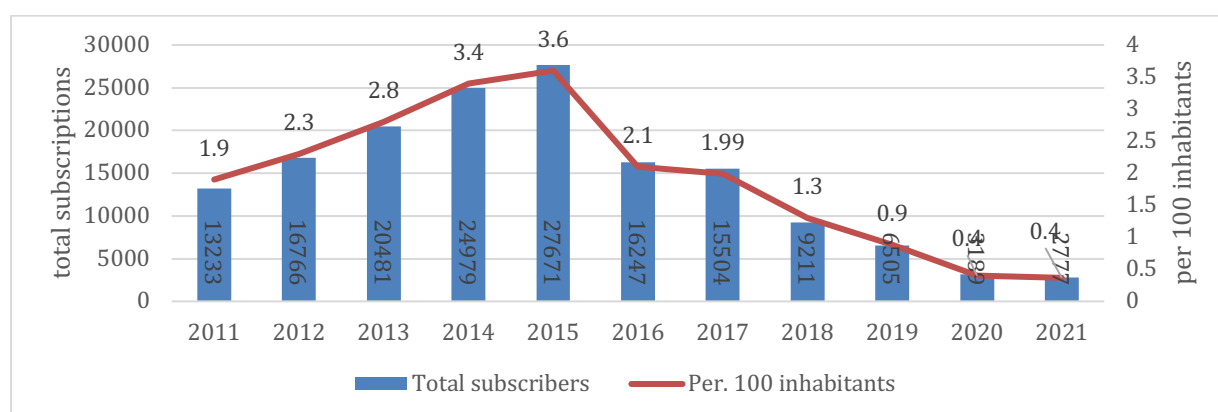
Fixed (wired) Broadband:

Druknet (Bhutan Telecom), Supernet InfoComm, and Datanet Wifi are the three ISPs providing Fixed (wired) Broadband Internet services in the country. Fixed (wired) Broadband services are generally provided through ADSL or Fiber Optic.

Regardless of their development status or geographical location, most countries continue to experience a rise in their fixed-broadband subscriptions. The ITU (2021) estimates that there are 16.7 fixed-broadband subscriptions per 100 inhabitants Globally. The Developed Countries, Developing countries, and the Landlocked countries average 35.7, 13, and 1.4 subscriptions per 100 inhabitants respectively. Further, Region-wise, the European countries as per the ITU 2021 estimates have the highest subscription per 100 inhabitants with 34.7 subscriptions per 100 inhabitants. Europe is closely followed by the Americas and the Commonwealth of Independent States (CIS) with 23.4 and 20.3 subscriptions per 100 inhabitants respectively. The Asia and the Pacific region, on average, have 16.7 subscriptions per 100 inhabitants. Among these regions, the African region in 2021, had 0.6 subscriptions per 100 inhabitants. During the same period, Bhutan had 0.4 subscriptions per 100 inhabitants. The total fixed-broadband subscriptions in 2021 for Bhutan was 2,777 subscriptions i.e. a decrease of 12.9% or 412 subscriptions from 2020.

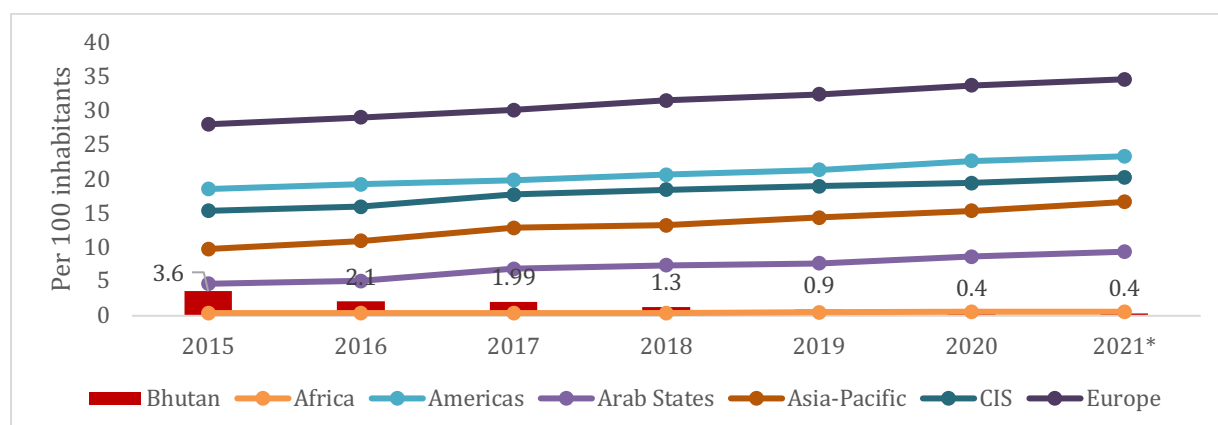
Unlike the rest of the World, Fixed Broadband subscriptions in Bhutan is experiencing a decreasing trend over the last few years though huge investment is being done by the Government to improve the infrastructure. The decrease in Fixed (wired) Broadband Internet subscriptions may be attributed to increasing in mobile broadband coverage.

Chart 14: Year on Year Fixed (wired) Broadband subscriptions trend, Bhutan, 2011-2021



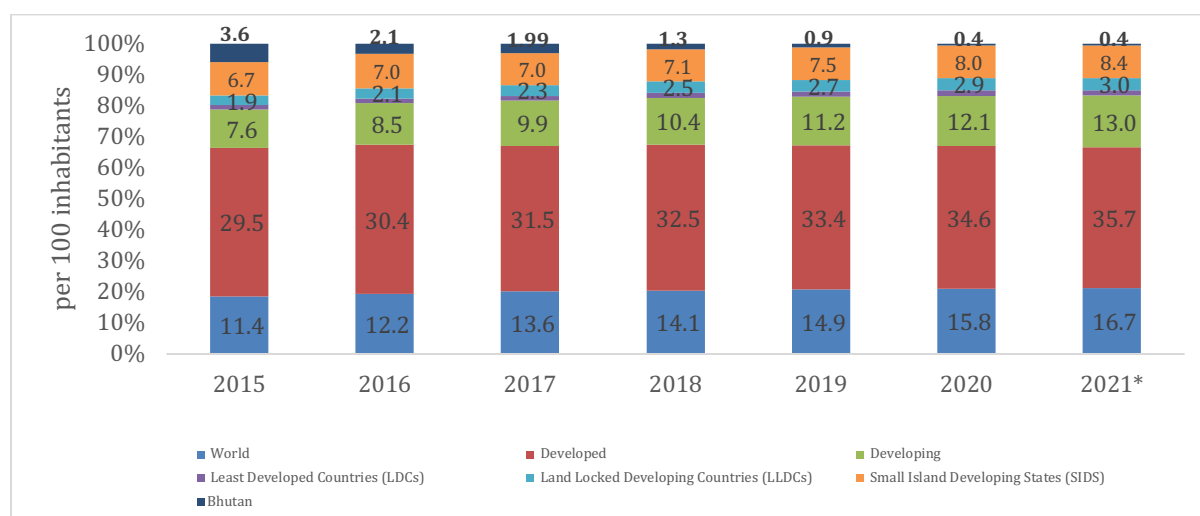
Source: Fixed Broadband ISPs (Bhutan), BICMA & MoIC

Chart 15: Year on Year Fixed broadband subscriptions per 100 inhabitants among regions and Bhutan, 2015-2021



Source: ITU 2020 estimates and MoIC

Chart 16: Year on Year Fixed broadband subscriptions per 100 inhabitants comparison, by economic development level, 2015-2021

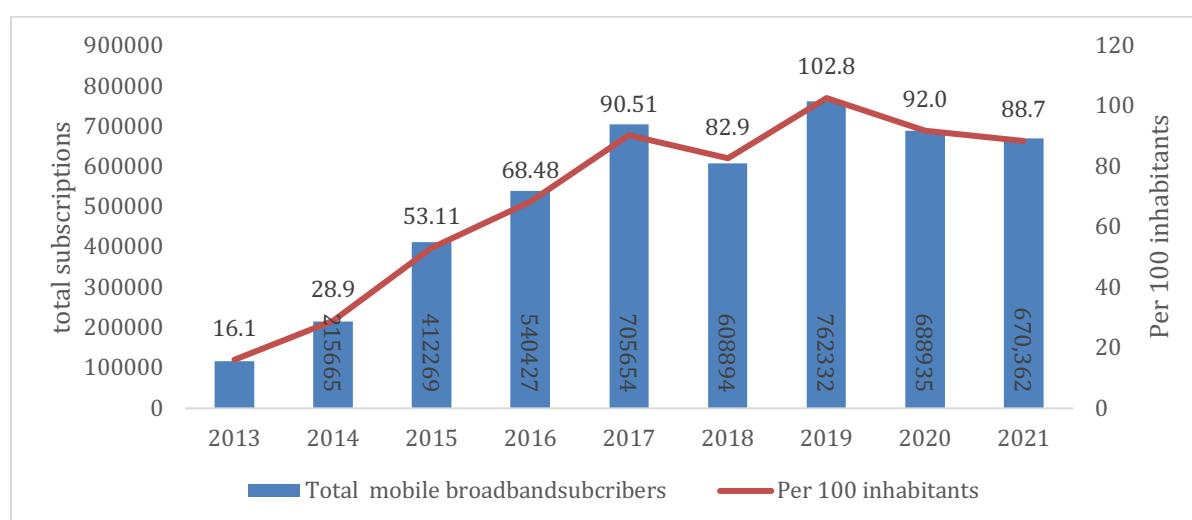


Source: ITU and MoIC

Mobile Broadband:¹⁰

Mobile Broadband connections are generally classified as those connections having 3G, 4G or 5G connections. Active Mobile Broadband (4G+3G) subscriptions in Bhutan in 2021 were 670,362 i.e a decrease of 18,573 subscribers compared to 2020. The active mobile broadband subscription per 100 inhabitants in 2021 stands at 88.7 per 100 inhabitants. The decrease in active mobile broadband subscriptions with a increase in mobile cellular subscriptions, could be attributed to use of internet data from only one Operator by those who have more than one mobile cellular SIM card subscriptions.

Chart 17: Year on Year Mobile Broadband (3G/4G) subscriptions trend, Bhutan, 2013-2021



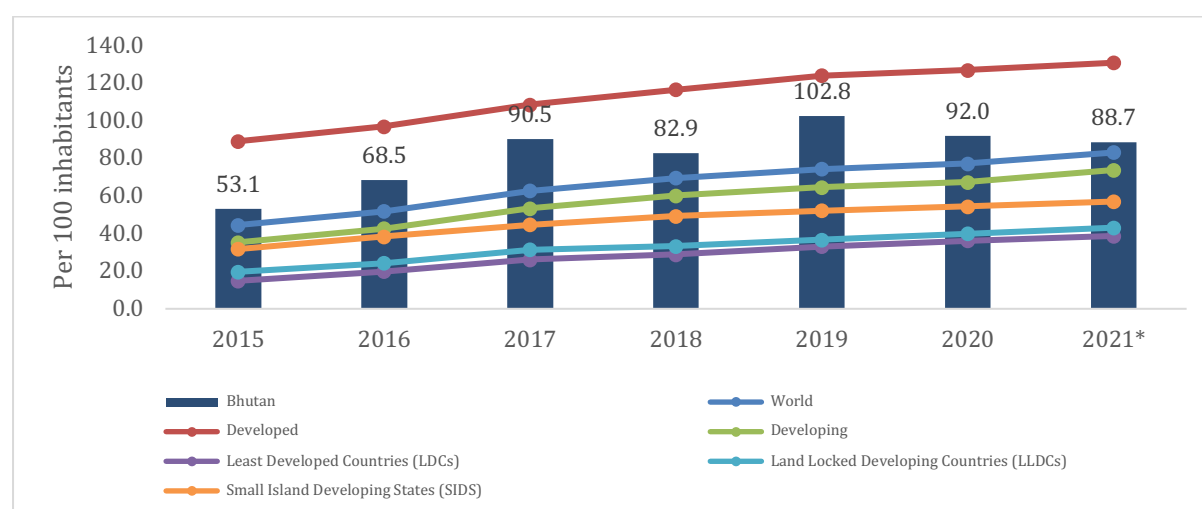
Source: Druknet (Bhutan Telecom), Tashi Cell, MoIC

Unlike in other countries, Bhutan is experiencing a decrease in the active mobile broadband subscription. Though the active mobile broadband subscriptions decreased slightly over the past one year, Bhutan's average of 88.7 mobile broadband subscriptions per 100 inhabitants in 2021 was better than the Global average of 83.2 mobile broadband subscription per 100 inhabitants. For instance, the Developing countries average stands at 73.9 subscription per 100 inhabitants, the Least Developing countries average at 38.8 per 100 inhabitants, the Land locked developing countries average at 43.2 per 100 inhabitants, and that of the Small Island developing states average at 57.1 per 100 inhabitants.

Likewise, Bhutan's 88.7 mobile broadband subscriptions per 100 inhabitants are found to be better than the Asia and the Pacific region's average of 86.6 subscriptions per 100 inhabitants, the subscriptions average of Africa (40.7 per 100 inhabitants), and the average of Arab states (66.9 per 100 inhabitants). However, our subscriptions per 100 inhabitants are slightly lower than the European countries (105.3 per 100 inhabitants), the Americas (103.3 per 100 inhabitants), the CIS (94.1 per 100 inhabitants), and the Developed countries (131 mobile broadband subscriptions per 100 inhabitants).

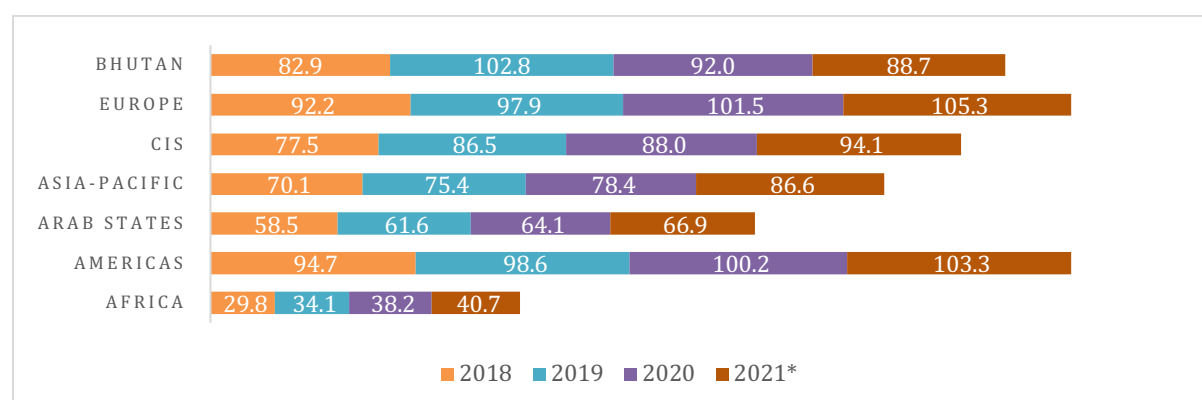
¹⁰ Refers to all devices such as mobile phone, laptops, tablets and others which have 3G/4G internet connections

Chart 18: Year on Year Active Mobile Broadband subscriptions, by development status, 2015-2021



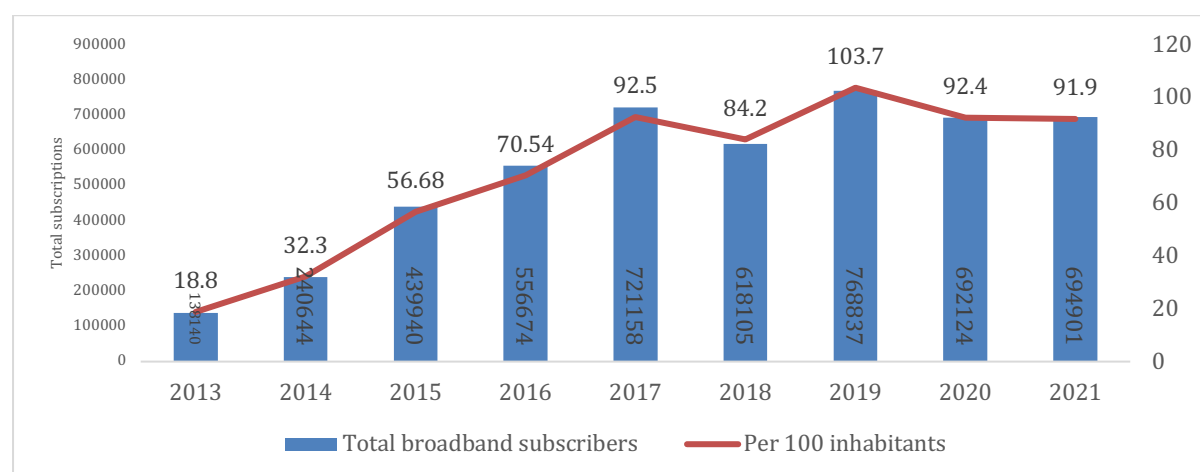
Source: ITU and MoIC

Chart 19: Year on Year Active Mobile Broadband subscriptions per 100 inhabitants, by geographical locations, 2018-2021



Source: ITU 2021 estimates and MoIC

Chart 20: Total Broadband subscriptions (Fixed -wired & Mobile) trend: Bhutan, 2013-2021



Source: Internet Service Providers (Bhutan) & MoIC

B. Basic Postal Infrastructure Information

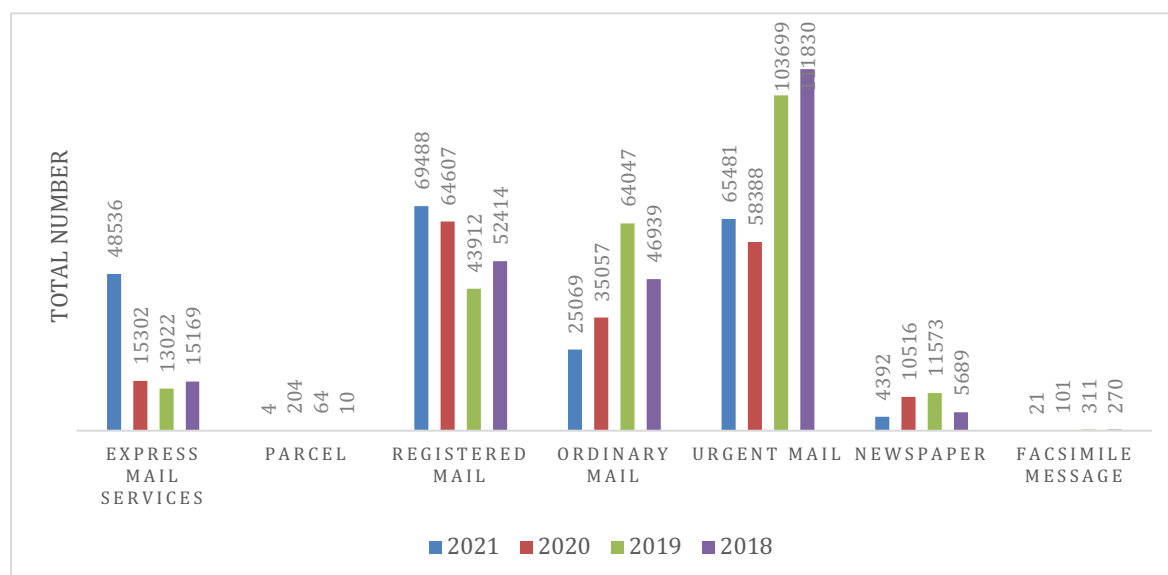
The Postal Services in Bhutan were first launched on 10th October 1962 with the opening of a post office in Phuentsholing. In the same year, post offices were also opened in Paro and Thimphu under the Department of Posts and Telegraphs, Ministry of Communications. This was the initial step taken by the Royal Government to provide a uniform postal service across the country. In 1996, Bhutan Post became a State-Owned Enterprise under the name Bhutan Postal Corporation Limited and was delinked from the Government. Today, the Postal network, operated by Bhutan Post Ltd. consists of 4 General Offices, 38 Post offices, and 6 Community mail Offices providing postal services.

Table 4: Postal Infrastructure, 2018-2021, Bhutan

Postal Infrastructures	2018	2019	2020	2021
General Post Offices ¹¹	4	4	4	4
Post Offices ¹²	39	38	38	38
Community Mail Offices ¹³	6	6	6	6
Total	49	48	48	48

Source: Bhutan Postal Corporation Ltd.

Chart 21: Domestic Postal statistics by Type of services, Bhutan Post, 2018-2021



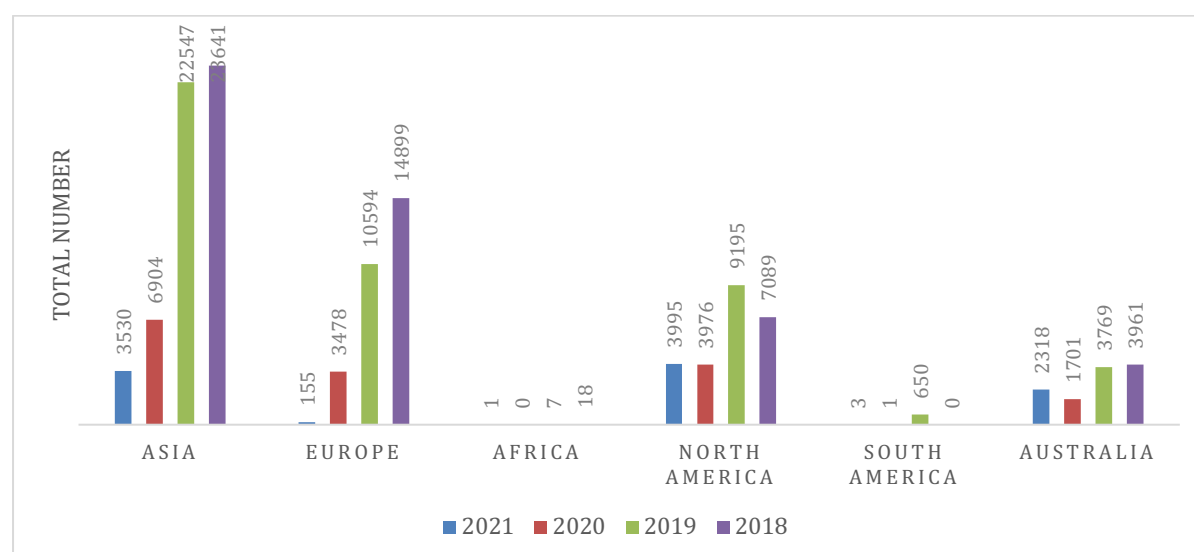
Source: Bhutan Post

¹¹ General Post Offices located in Thimphu, Gelephu, Phuentsholing and Samdrup Jongkhar

¹² Post Offices Covers- Dzongkhags, Dungkhags and some Satellite towns

¹³ Community Mail Offices covers- Dungkhags and Gewogs

Chart 22: International Postal statistics by Region, Bhutan Post, 2018-2021



Source: Bhutan Post

Table 5: Quarterly Domestic Postal statistics by type and Dzongkhag, Bhutan Post, 2021

Services	Dzongkhag/Region	1st	2nd Q	3rd Q	4th Q	Total
Express Mail Services	Bumthang	76	51	23	64	214
	Chukha	79	77	29	65	250
	Dagana	101	108	33	107	349
	Gasa	9	8	2	10	29
	Haa	36	41	26	32	135
	Lhuntse	2	47	2	6	57
	Mongar	118	189	107	126	540
	Paro	171	479	57	248	955
	Punakha	62	60	25	80	227
	Pemagatshel	165	91	91	218	565
	Samtse	563	485	207	568	1823
	Sarpang	489	819	204	904	2416
	Samdrup Jongkhar	926	820	426	1278	3450
	Thimphu	1611	2156	641	1827	6235
	Trongsa	123	108	48	115	394
	Trashigang	340	450	181	440	1411
	Tashi Yangtse	159	150	54	1761	2124
	Tsirang	52	77	58	50	237
	Wangdue Phodrang	59	67	19	70	215
	Zhemgang	52	64	55	26	197
	Sub-Total	5193	6347	2288	7995	21823

Parcel	Bumthang	0	0	0	0	0
	Chukha	0	0	0	0	0
	Dagana	2	0	0	0	2
	Gasa	0	0	0	0	0
	Haa	0	0	0	0	0
	Lhuntse	0	0	0	0	0
	Mongar	0	0	0	0	0
	Paro	0	0	0	0	0
	Punakha	0	0	0	0	0
	Pemagatshel	0	0	0	0	0
	Samtse	0	0	0	0	0
	Sarpang	0	0	0	0	0
	Samdrup Jongkhar	1	0	0	0	1
	Thimphu	0	0	0	0	0
	Trongsa	0	0	0	0	0
	Trashigang	0	1	0	0	1
	Tashi Yangtse	0	0	0	0	0
	Tsirang	0	0	0	0	0
	Wangdue Phodrang	0	0	0	0	0
	Zhemgang	0	0	0	0	0
	Sub-Total	3	1	0	0	4
Registered Mail	Bumthang	83	76	50	269	478
	Chukha	499	658	270	3224	4651
	Dagana	215	227	126	80	648
	Gasa	25	28	45	14	112
	Haa	126	182	125	161	594
	Lhuntse	121	115	78	71	385
	Mongar	347	443	246	363	1399
	Paro	2017	2278	937	2290	7522
	Punakha	184	269	143	247	843
	Pemagatshel	144	32	46	137	359
	Samtse	882	408	336	720	2346
	Sarpang	2596	2245	486	1449	6776
	Samdrup Jongkhar	988	1003	395	789	3175
	Thimphu	10632	2732	6157	13460	32981
	Trongsa	64	180	108	152	504
	Trashigang	440	545	276	476	1737
	Tashi Yangtse	175	142	107	102	526
	Tsirang	297	338	162	252	1049

	Wangdue Phodrang	801	931	417	756	2905
	Zhemgang	183	137	72	106	498
	Sub-Total	20819	12969	10582	25118	69488
Ordinary Mail	Bumthang	54	171	91	67	383
	Chukha	1053	334	631	425	2443
	Dagana	194	63	50	67	374
	Gasa	3	12	11	0	26
	Haa	22	21	12	10	65
	Lhuntse	124	117	56	87	384
	Mongar	256	191	278	218	943
	Paro	0	0	0	175	175
	Punakha	22	47	109	28	206
	Pemagatshel	168	44	163	154	529
	Samtse	120	94	1650	40	1904
	Sarpang	562	953	2596	2057	6168
	Samdrup Jongkhar	283	258	143	323	1007
	Thimphu	2752	1627	1004	1373	6756
	Trongsa	105	150	140	79	474
	Trashigang	347	302	281	283	1213
	Tashi Yangtse	30	28	117	12	187
	Tsirang	63	195	76	82	416
	Wangdue Phodrang	228	263	338	301	1130
	Zhemgang	87	83	64	52	286
	sub-Total	6473	4953	7810	5833	25069
Urgent Mail	Bumthang	0	0	0	0	0
	Chukha	0	0	55	60	115
	Dagana	0	0	0	0	0
	Gasa	0	0	0	0	0
	Haa	0	0	0	0	0
	Lhuntse	0	0	0	0	0
	Mongar	0	0	0	0	0
	Paro	0	0	0	0	0
	Punakha	0	0	0	0	0
	Pemagatshel	0	0	0	0	0
	Samtse	0	0	0	0	0
	Sarpang	0	0	0	0	0
	Samdrup Jongkhar	0	0	0	0	0
	Thimphu	13914	20078	13077	18297	65366
	Trongsa	0	0	0	0	0

	Trashigang	0	0	0	0	0
	Tashi Yangtse	0	0	0	0	0
	Tsirang	0	0	0	0	0
	Wangdue Phodrang	0	0	0	0	0
	Zhemgang	0	0	0	0	0
	Sub-Total	13914	20078	13132	18357	65481
Newspaper	Bumthang	0	0	0	0	0
	Chukha	0	0	288	0	288
	Dagana	0	3	9	3	15
	Gasa	0	0	0	0	0
	Haa	0	0	0	0	0
	Lhuntse	0	0	0	0	0
	Mongar	0	0	36	0	36
	Paro	0	0	0	0	0
	Punakha	0	0	0	0	0
	Pemagatshel	0	0	0	0	0
	Samtse	0	0	0	0	0
	Sarpang	360	2	485	0	847
	Samdrup Jongkhar	0	0	887	0	887
	Thimphu	148	900	5	939	1992
	Trongsa	42	92	56	50	240
	Trashigang	0	0	0	0	0
	Tashi Yangtse	0	13	50	18	81
	Tsirang	0	0	6	0	6
	Wangdue Phodrang	0	0	0	0	0
	Zhemgang	0	0	0	0	0
	Sub-Total	550	1010	1822	1010	4392
Facsimile message	Bumthang	0	0	0	0	0
	Chukha	0	0	0	0	0
	Dagana	1	1	8	0	10
	Gasa	0	0	0	0	0
	Haa	0	0	0	0	0
	Lhuntse	0	0	0	0	0
	Mongar	0	0	4	0	4
	Paro	0	0	0	0	0
	Punakha	0	0	0	0	0
	Pemagatshel	0	0	0	0	0
	Samtse	0	0	0	0	0
	Sarpang	0	0	4	0	4

	Samdrup Jongkhar	1	0	0	0	1
	Thimphu	0	0	0	0	0
	Trongsa	0	0	0	0	0
	Trashigang	0	0	0	0	0
	Tashi Yangtse	0	0	0	0	0
	Tsirang	0	0	0	0	0
	Wangdue Phodrang	0	0	0	0	0
	Zhemgang	1	1	0	0	2
	Sub-Total	3	2	16	0	21

Source: Bhutan Post Ltd

Table 6: Quarterly International Postal statistics by type and Dzongkhag, Bhutan Post, 2021

Particulars	Region	1st Q	2nd Q	3rd Q	4th Q	Total
Express Mail Service	Asia	777	810	353	1043	2983
	Europe	31	33	2	34	100
	Africa	0	0	0	0	0
	North America	1221	1191	361	1201	3974
	South America	0	0	0	0	0
	Australia	529	955	31	783	2298
	Sub-Total	2558	2989	747	3061	9355
FedEx	Asia	13	14	0	29	56
	Europe	10	25	0	20	55
	Africa	1	0	0	0	1
	North America	2	9	0	9	20
	South America	0	2	0	1	3
	Australia	2	7	0	6	15
	Sub-Total	28	57	0	65	150
TNT	Asia	14	0	0	3	17
	Europe	0	0	0	0	0
	Africa	0	0	0	0	0
	North America	0	0	0	0	0
	South America	0	0	0	0	0
	Australia	0	0	0	5	5
	Sub-Total	14	0	0	73	87
Parcel	Asia	0	2	0	0	2

	Europe	0	0	0	0	0
	Africa	0	0	0	0	0
	North America	0	0	1	0	1
	South America	0	0	0	0	0
	Australia	0	0	0	0	0
	Sub-Total	0	2	1	211	214
Registered Mail	Asia	156	116	48	130	450
	Europe	0	0	0	0	0
	Africa	0	0	0	0	0
	North America	0	0	0	0	0
	South America	0	0	0	0	0
	Australia	0	0	0	0	0
	Sub-Total	156	116	48	130	450
Ordinary Mail	Asia	22	0	0	0	22
	Europe	0	0	0	0	0
	Africa	0	0	0	0	0
	North America	0	0	0	0	0
	South America	0	0	0	0	0
	Australia	0	0	0	0	0
	Sub-Total	22	0	0	0	22
Post Overnight Courier	Asia	0	0	0	0	0
	Europe	0	0	0	0	0
	Africa	0	0	0	0	0
	North America	0	0	0	0	0
	South America	0	0	0	0	0
	Australia	0	0	0	0	0
	Sub-Total	0	0	0	0	0
Facsimile message	Asia	0	0	0	0	0
	Europe	0	0	0	0	0
	Africa	0	0	0	0	0
	North America	0	0	0	0	0
	South America	0	0	0	0	0
	Australia	0	0	0	0	0
	Sub-Total	0	0	0	0	0

Source: Bhutan Postal Corporation

C. Media Profile: Current scenario

Print media in Bhutan comprises mainly of newspapers, magazines and other similar publications. Currently, there are seven licensed newspapers, two magazine publishers, 12 radio stations including campus radios, and ninety three cable operators in the country. The details are listed in Table 7,8,9 and 10.

1.4. Print Media

Table 7: List of Print Media Houses and their publication frequencies

Name of Newspaper	Started/launched	Frequency of publication	Remarks
Kuensel	1967	Started daily since 27 th April 2009	Launched as an internal Government bulletin
Bhutan Times	1 st April, 2006	Weekly (Sunday)	
Bhutan Today	30 th October, 2008	Weekly (Sunday)	
Business Bhutan	26 th September, 2009	Weekly (Saturday)	
The Journalist	20 th December, 2009	Weekly (Sunday)	
<i>Druk Nyetshuel</i>	<i>29th August, 2010</i>	<i>Weekly (Monday)</i>	<i>License cancelled</i>
Gyalchi Sharshog	12 th November, 2011	Weekly (Sunday)	
The Bhutanese	21 st February, 2012	Weekly (Saturday)	

Source: Bhutan Info-Comm and Media Authority (BICMA)

1.5. Radio Broadcasters

Table 8: List of radio broadcasting Station and their coverage, 2021

Sl. No	Name of Radio broadcaster	Lunched	Coverage	Remarks
1	Bhutan Broadcasting Services (BBS)	November, 1973	Nation wide	Additional channel (exclusive for Dzongkha) launched on 21 st February, 2013
2	Kuzoo FM	1 st September, 2006	Nation Wide	Two channels (Dzongkha and English)
3	Radio Valley	12 th April, 2007	Thimphu	

4	Centennial Radio	21 st September, 2008	Thimphu	
5	Sherubtse Community Radio	8 th May, 2009	On Campus	
6	JNEC Campus Radio	2021	Dewathang, Samdrup Jongkhar	
7	CST Campus radio	12 th July 2016	On Campus, Phuentsholing	
8	Edi Community Radio (Tarayana Foundation)	23 rd June 2016	Dechen Pelri, Gelephu	
9	Lhop Community Radio (Tarayana Foundation)	23 rd June 2016	Lhotukuchu Village, Dorokha, Samtse	
10	KYD 91.1 Community Radio (READ Bhutan)	19 th July 2016	Khotakpa, Yalang and Denchi, Pemagatshel	
11	Rigzhung Lungta Campus Radio Campus Radio	12 th March 2018	College of Language and Culture Studies, Taktse, Trongsa	
12	Campus Sherig FM (Samtse College of Education)	18 th June 2020	Samtse College of Education, Samtse	

Source: MoIC & Bhutan Info-Comm and Media Authority (BICMA)

1.6. Magazines

Table 9: List of magazines and frequencies of their publication 2021

Name of Newspaper	Started/lunched	Frequency of publication
Yewong	1 st September 2011	Tri-Annual
Happiness	14 th November 2017	Annually (<i>Currently not available</i>)
Inspire	14 th March 2019	Bi-Annually (<i>Currently not available</i>)
Bhutan Observer (BO) Focus	22 nd July 2016	Annually

Source: MoIC & Bhutan Info-Comm and Media Authority (BICMA)

1.7. Book Publication House

Table 10: List of book publication Houses and their location, 2021

Sl #	Name of the Publication House	Location
1	Bhutan Media Services	Thimphu
2	Bhutan Observer	Thimphu
3	DSB Publication	Thimphu
4	Joenzang Publishing House	Thimphu
5	Jomo Publications	Thimphu
6	K.C Publication	Thimphu
7	KMT Publisher	Thimphu
8	Koms Publication	Thimphu
9	Kuensel Corporation Limited	Thimphu
10	Loden Foundation Publication	Thimphu
11	Lorig Publication House	Paro
12	Loter Publication	Thimphu
13	Megah Publication	Thimphu
14	MIZA Books	Thimphu
15	P.T Publishing House	Thimphu
16	Riyang Books	Thimphu
17	Student Plus Bhutan	Thimphu
18	Thinley Pelbar Publisher	Phuentsholing
19	Word Factory	Thimphu
20	Yang Bum Publisher	Thimphu
21	Zoom Out Publishing House	Thimphu

Source: Bhutan InfoComm and Media Authority

1.8. Television Network

Bhutan Broadcasting Services (BBS) launched on 2nd June 1999 and currently has two channels: BBS 1, 2 & 3. Bhutan Broadcasting Service (BBS) is the sole nationwide television network operator in the country.

Table 11: Existing Television network stations, owned and operated by BBS, by Dzongkhag

Sl. No	Dzongkhag	No. of stations	Sl. No	Dzongkhag	No. of stations
1	Bumthang	1	11	Samtse	2
2	Chukha	2	12	Sarpang	2
3	Dagana	2	13	Samdrup Jongkhar	1

4	Gasa	1	14	Thimphu	2
5	Haa	1	15	Trongsa	1
6	Lhuntse	3	16	Trashigang	3
7	Monggar	1	17	Trashy Yangtse	1
8	Paro	1	18	Tsirang	1
9	Punakha	0	19	Wangdue Phodrang	1
10	Pema Gatshel	3	20	Zhemgang	2

Source: BBS (Bhutan Broadcasting Service)

1.9. Cable Television Services

In addition to BBS channels 1, 2 and 3, international television channels are broadcasted through network of cable television (CATV) operators located throughout the country. The details are provided in Table 10.

Table 12: Cable Television Operators, Bhutan, 2021

Sl #	Name of the Cable TV	No.	Dzongkhag	Sl #	Name of the Cable TV	No.	Dzongkhag
1	Gomchen Cable Service	4	Bumthang	50	Bishnu Cable Service	5	Samtse
2	Tashi Rabten Cable Service			51	Gurung Cable Service		
3	TD Cable Service			52	Namkhair Cable Service		
4	US Cable Service			53	RG Cable Service		
5	Cable Sat Club	6	Chukha	54	SKD Cable Service	7	Samdrup Jongkhar
6	Drukyul Cable Service			55	Anjan & Bro Cable Service		
7	GG Cable Service			56	Peacock Cable Service		
8	Karma Cable Service			57	Gomdhar Cable Service		
9	Kharung Cable Service			58	Phakpa Cable Service		

10	Tshela Cable Service			59	SD Cable Service		
11	NL Cable Service	4	Dagana	60	Tashi Wangmo Cable Service		
12	Lopchen Cable Service			61	Vajra Cable Service		
13	Norbu Cable Service			62	Drukcom Digital Private Limited	4	Thimphu
14	T & T Cable Service			63	Etho Metho Cable Service		
15	Gasa Soechu Limited	1	Gasa	64	Nakchung Cable Service		
16	Lekey Cable Service	1	Haa	65	Norling Cable Service		
17	Kuertop Cable Service	2	Lhuentse	66	Jhomo Cable Service	7	Trashigang
18	Namsel Norbu Cable Service			67	Kinga Cable Service		
19	Chaskar Cable Service	8	Mongar	68	Karma Zangmo Cable Service		
20	Gaden Cable Service			69	NP Cable Service		
21	Jangchubling Cable Service			70	Sakteng Cable Service		
22	KR Cable Service			71	SC Cable Service		
23	Leki Choden Cable Service			72	Tshering Norbu Cable Service		
24	LT Cable Service			73	Damyen Cable Service	2	Trashiyangtse
25	Yeshi Darjayling Cable Service			74	Gaki Phuntso Cable Service		
26	Zhonggar Digital Cable Service			75	Kuenzang Cable Service	3	Tsirang
27	Dogar Cable Service	4	Paro	76	Mendeygang Cable Service		

28	KPJ Cable Service			77	Thong Wai Gaden Cable Service	4	Trongsa
29	Sigma Cable Service			78	Puen Sum Cable Service		
30	TD Metho Cable Service			79	Sheja Rabsel Cable Service		
31	Dawa Cable Service	5	Pema Gatshel	80	Tangbi Cable Service	6	Wangdue Phodrang
32	Deojung Cable Service			81	Thinley Rabten Cable Service		
33	Funso Cable Service			82	Dragon Cable Service		
34	Lekthong Cable Service			83	Kuenphen Cable Service		
35	Nima Cable Service			84	Lhendup Yarphe! Cable Service		
36	Buddha Cable Service			85	Phuntsho Ngadhen Cable Service		
37	Damchen Cable Service	4	Punakha	86	RC Cable Service	5	Zhemgang
38	Punab Cable Service			87	TT Cable Service		
39	Tshochay Cable Service			88	Brothers Cable Service		
40	Goe Due Kuenjong Cable Service	10	Sarpang	89	Dawa Cable Service		
41	Norla Cable Service			90	DD Cable Service		
42	Gelephu Digital Network Cable Service			91	DWT Cable Service		
43	Subba Cable Service			92	Kelzang Cable Service		
44	Talo Cable Service						

45	Techno Cable Service			
46	Zhenphen Trulsum Zhedhay Cable Service			
47	TT Cable Service			
48	Gurung Star Cable Service			
49	Yoezer Cable Service			

Source: Bhutan Info-Comm. and Media Authority

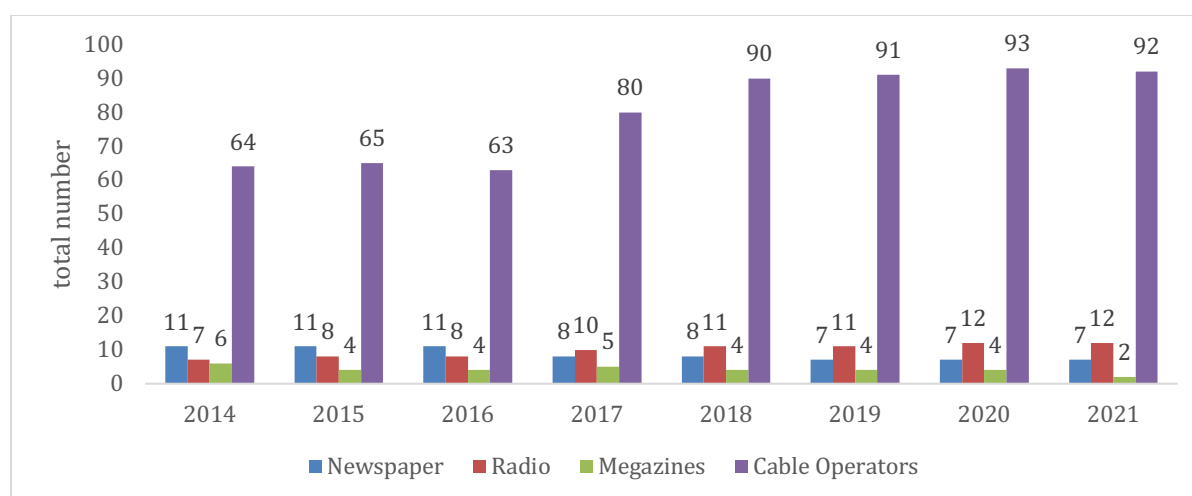
Table 13: List of Printing Press by type of operation and location, 2021

Sl #	Name of Printing Press	Type	Location
1	Bhutan Printing Press	Cottage	Phuentshogling Throm
2	Bhutan Printing Solution	Small	Norzin Lam, Thimphu
3	Booster Printing Press	Small	Gelephu Throm
4	City Print	Cottage	Gatoen Lam, Phuentsholing
5	Darzang Prayer Flags Screen Printing	Cottage	Near Zimdra Milk Factory, Phuentsholing
6	Dekee Norphel Printing Press	Small	Thimphu Throm
7	Druk Printing House	General	Taba, Thimphu
8	Druk Printers	Small	Zangtopelri Complex, Thimphu
9	Green Dragon Printing	General	Changangkha, Thimphu
10	Gyalten Shabtog Press	Small	Industrail Estate, Phuentsholing
11	Image Arts, Prints and Rubber Seal	Small	Zangtopelri Complex, Thimphu
12	Junu Printers	Cottage	Changzamtog Industrial Estate, Thimphu
13	KMT Printing Press	General	Near Sol Forest, Phuentsholing
14	Kuendey Printers	Cottage	Upper Market, Samdrup Jongkhar
15	Kuensel Corporation Limited	General	Changzamtok industrial area, Thimphu
16	Lhak-Sam Printers	Cottage	Phuentsholing Throm
17	Lhamu Printing Press	Cottage	Lower Market, Phuentsholing
18	National Printing Press	Small	Changzamtog, Thimphu

19	National Printing Press	Cottage	Upper Market, Samdrup Jongkhar
20	Norbu Rabten Press	General	Near Le Meridian, Thimphu
21	Phama Printers	General	Langjophakha, Thimphu
22	PT Printing Press	General	Changzamtog, Thimphu
23	Q Repro Graphics	General	Lugar Complex, Thimphu
24	Rich Collection Printers	Cottage	Begana, Thimphu
25	Samden Printers	Small	Hongkong Market, Thimphu
26	Sherab Yoezer Printing Press	Small	Wangdi Plaza, Thimphu
27	Sherub Lham Press	Cottage	Gelephu Throm
28	Thinley Pelbar Printers	General	Khandothang, Samtse
29	TJ Colors (A Digital Print)	Cottage	Karsang Building, 4th floor, Norzin Lam, Thimphu
30	TJ Printing Press	Small	Changzamtog, Thimphu
31	TN Printing Press	General	Changjalu, Thimphu
32	Tshangpa Dung Dok Lhek Den Zhay Cha Printing Press	General	Kawajangsa, Thimphu
33	Tsholing Printing Press	Small	Jaffa Commercial Complex, Thimphu
34	United Printing Press	Small	Changangkha, Thimphu
35	Yoebar Prints	Small	Above Zangdopelri Complex, Thimphu
36	Yoez Graphics	Small	Chubachu, Thimphu

Source: Bhutan InfoComm and Media Authority

Chart 23: Scenario trend of the total number of Radio, Newspaper, Magazine in Bhutan, 2014-2021



Source: Bhutan InfoComm and Media Authority

CHAPTER 2-AVIATION AND SURFACE TRANSPORT

A. Civil Aviation

2.1. Airlines, Aircraft and route

Table 14: Details of Airline by History, fleet details, and Operation Route

Name of the Airline	Establishment Date	Aircraft fleet	Current operational routes	
			International	Domestic
Drukair (Royal Bhutan Airlines) - Drukair Corporation Ltd.	<ul style="list-style-type: none"> - 5th April, 1981 - International services launched on 11th February 1983 - Domestic services launched on 17th December 2011 	<ul style="list-style-type: none"> - Airbus A319 – 3 (each with a seating capacity of 118 passengers). - ATR- 42 - 600: 1 - A320neo: 1 	<ul style="list-style-type: none"> - New Delhi, India - Kolkata, India - Guwahati, India - Bagdogra, India - Gaya, India - Mumbai, India - Dhaka, Bangladesh - Kathmandu, Nepal - Bangkok, Thailand - Singapore 	<ul style="list-style-type: none"> - Bumthang - Yongphula - Gelephu
Tashi Air, (Bhutan Airlines)- Tashi Air Private Ltd.	<ul style="list-style-type: none"> - 4th December 2011 - International services began on 10th October 2013. - Domestic services launched on 17th December 2011 	<ul style="list-style-type: none"> - Airbus A319 - 2 (seating capacity of 126) 	<ul style="list-style-type: none"> - Bangkok, Thailand via Kolkata, India - Kathmandu, Nepal - Delhi, India 	Operation suspended since May 2012
Royal Bhutan Helicopter Services Limited (RBHSL)	<ul style="list-style-type: none"> - Established on August 10, 2015 - Service Operation commenced on November 2015 	<ul style="list-style-type: none"> - Airbus helicopter model –H130 (EC 130 T2) – 2 Nos. - Seating capacity 6 passengers and 1 pilot 	-	<ul style="list-style-type: none"> - Non-schedule flights. -Emergency services-medical evacuations and firefighting.

Source: Department of Air Transport, Druk Air, Bhutan Airlines & RBHSL

2.2 Airport Details

Table 15: Airport details, 2021

Type of airport(s)	Place	Altitude / Elevation above MSL	Runway length	Runway width	Aerodrome Reference Code
International airport	Paro	2237 m	2265 m	30 m	3C
Domestic	Yongphula	2573 m	1300 m	30 m	2C
Domestic	Bumthang	2550 m	1200 m	30 m	2C
Domestic	Gelephu	300 m	1500m	30 m	2C

Source: Department of Air Transport and Bhutan Civil Aviation Authority

2.3 International Air Services

Table 16: International Air Service launch date by Destination

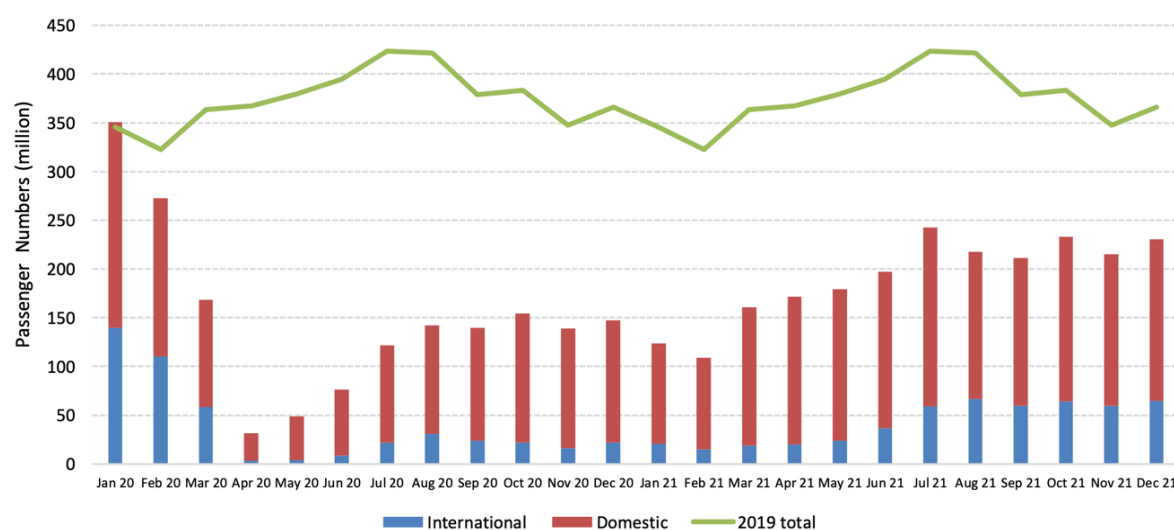
Destinations/Country	Services launched	Remarks
Kolkata, India	11 th February, 1983	
New Delhi, India	26 th November, 1988	
Gaya, India	26 th October, 2003	
Bagdogra, India	26 th October, 2010	Inaugural flight on 18 th June, 2009
Guwahati, India	31 st October, 2010	Inaugural flight on 26 th October, 2010
Mumbai, India	1 st May, 2014	
Kathmandu, Nepal	April, 1989	Flight test familiarization on 25 th October, 1987
Bangkok, Thailand	28 th June, 1989	
Dhaka, Bangladesh	30 th October, 1989	
Yangoon, Myanmar	6 th January, 1997	Suspended since 15 th December, 2004
Singapore	1 st September, 2012	

Source: Department of Air Transport

2.4. International Air Passengers

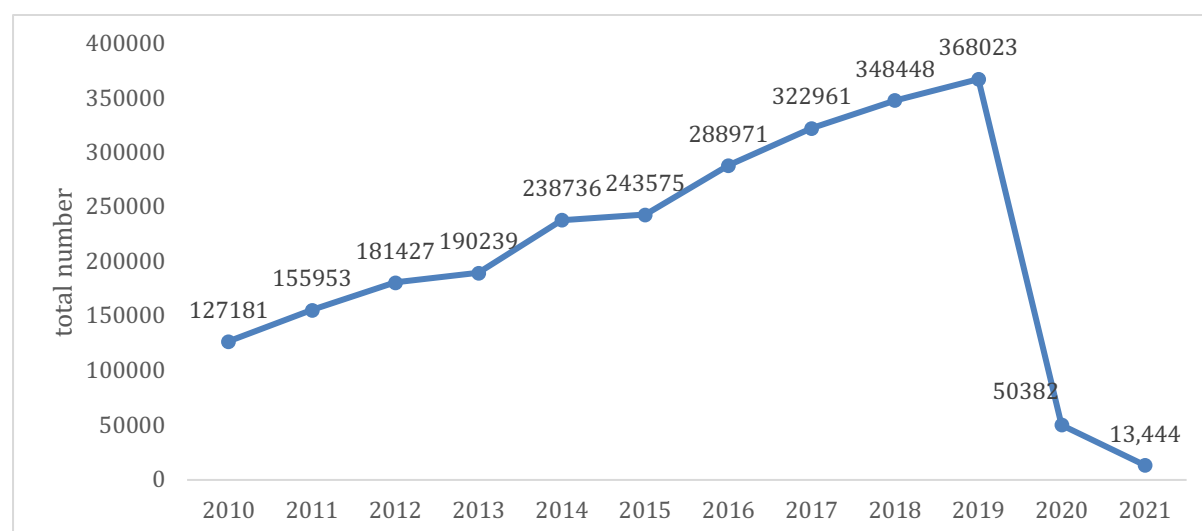
Like 2020, the Covid-19 pandemic and subsequent restrictions continue to adversely impact the aviation sector. The total number of international air passengers to and from Bhutan in 2021 saw a decrease of more than 72% in comparison to 2020. As per the estimates of the International Air Transport Association (IATA), international air passengers in 2021 decreased by 60% globally in comparison to the pre-Covid period (2019). Nonetheless, slow growth in international travelers was observed in 2021 in comparison to 2020 by the International Civil Aviation Organization (ICAO). The ICAO estimated that there were about 50 million international air passengers in 2021.

Chart 24: Monthly Global Air Passenger Trend, 2020-21 vs. 2019



Source: ICAO estimate

Chart 25: Year on Year International Air Passenger trend, Bhutan, 2010-2021



Source: Druk Air, Tashi Air and Bhutan Air Services

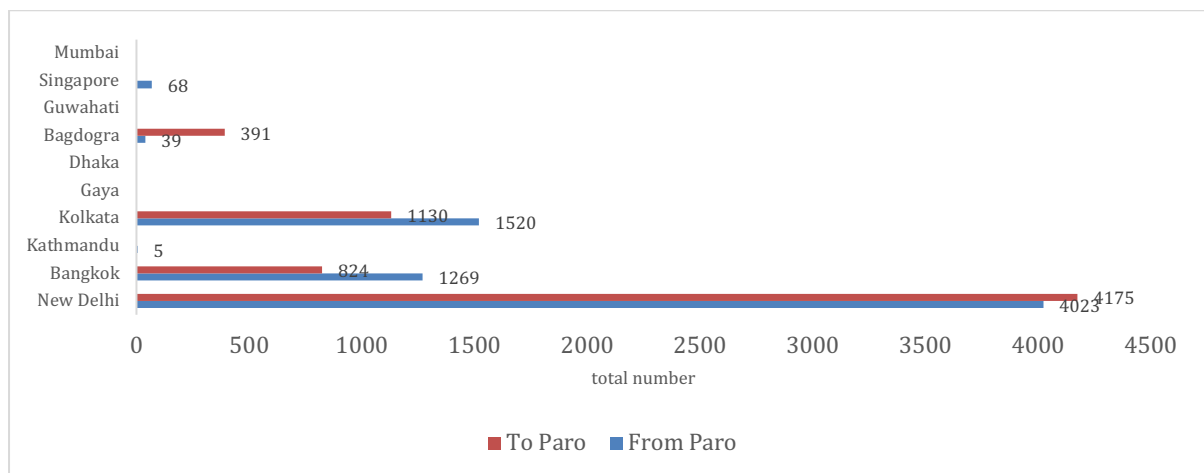
Table 17: Quarterly International Air Passenger flow by Sector, Bhutan, 2021¹⁴

From Paro to					
Sector	1st Q	2nd Q	3rd Q	4th Q	Sub-Total
New Delhi	1159	391	1002	1471	4023
Bangkok	182	159	128	800	1269
Kathmandu	0	0	5	0	5
Kolkata	188	163	434	735	1520
Gaya	0	0	0	0	0
Dhaka	0	0	0	0	0
Bagdogra	39	0	0	0	39
Guwahati	0	0	0	0	0
Singapore	0	0	65	3	68
Mumbai	0	0	0	0	0
Sub-Total					6924
To Paro from					
	1st Q	2nd Q	3rd Q	4th Q	Sub-Total
New Delhi	482	1003	1117	1573	4175
Bangkok	108	160	161	395	824
Kathmandu	0	0	0	0	0
Kolkata	87	202	293	548	1130
Gaya	0	0	0	0	0
Dhaka	0	0	0	0	0
Bagdogra	391	0	0	0	391
Guwahati	0	0	0	0	0
Singapore	0	0	0	0	0
Mumbai	0	0	0	0	0
Sub-Total					6520
Grand Total					13444

Source: Druk Air, BAS & Department of Air Transport

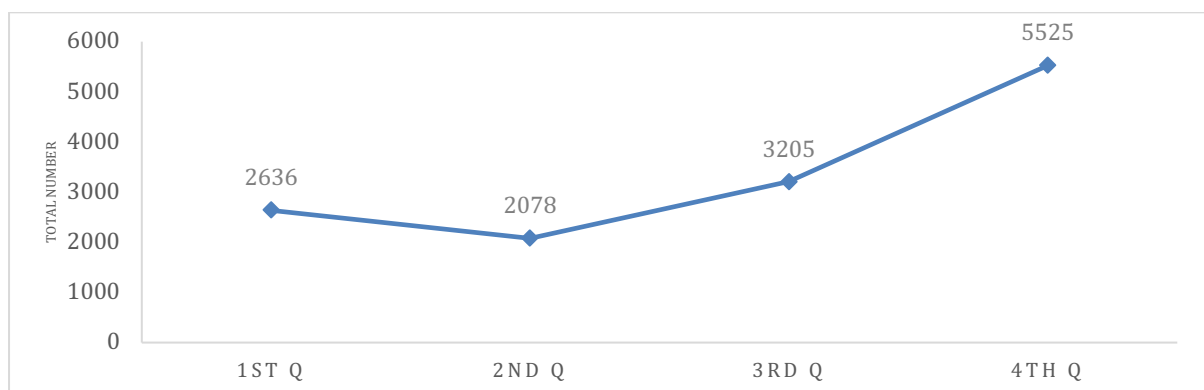
¹⁴ The figure excludes connecting sector figures and chartered passengers

Chart 26: Total Number of International Air Passengers to and from Paro International Airport, by Destinations, 2021



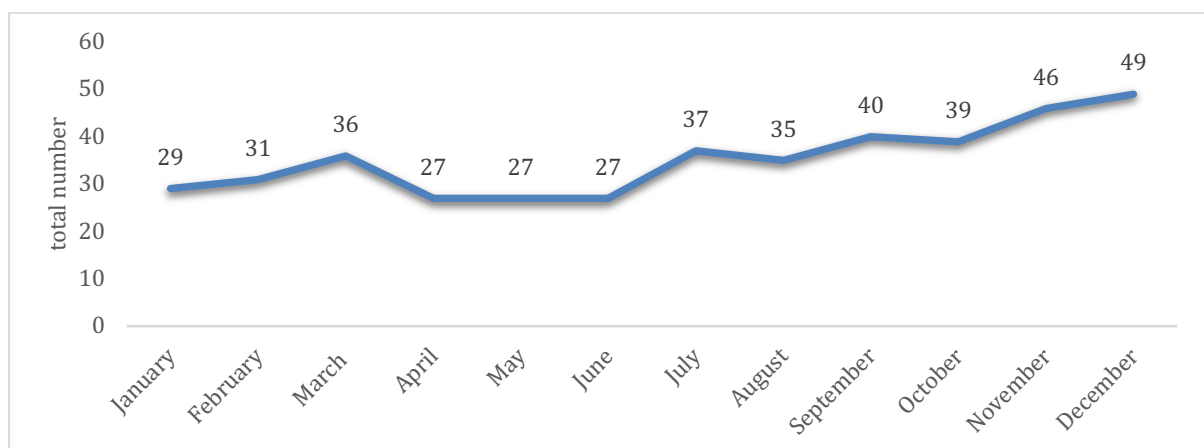
Source: Druk Air and BAS

Chart 27: Quarterly International Air Passengers, Paro International Airport in 2021



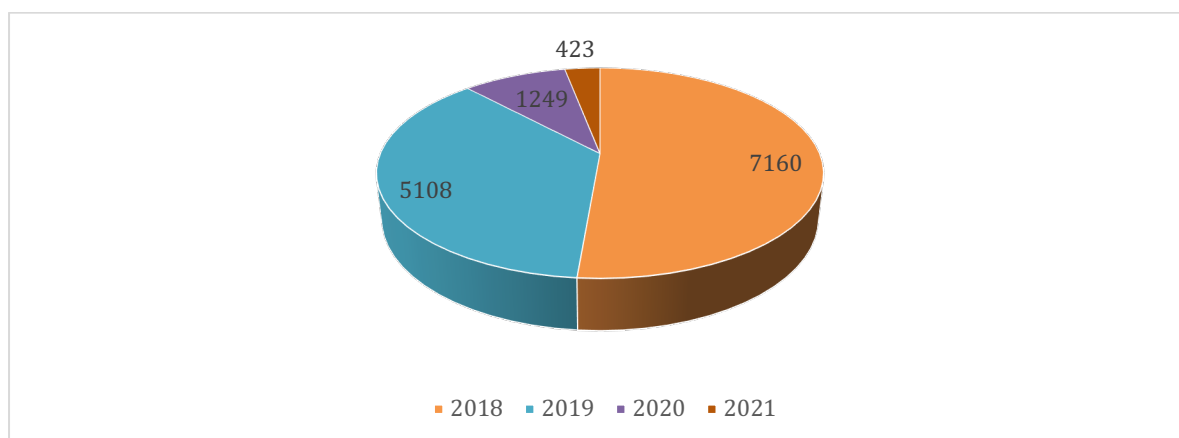
Source: Drukair, BAS

Chart 28: Total number of international flights including cargo flight To and From Bhutan, 2021



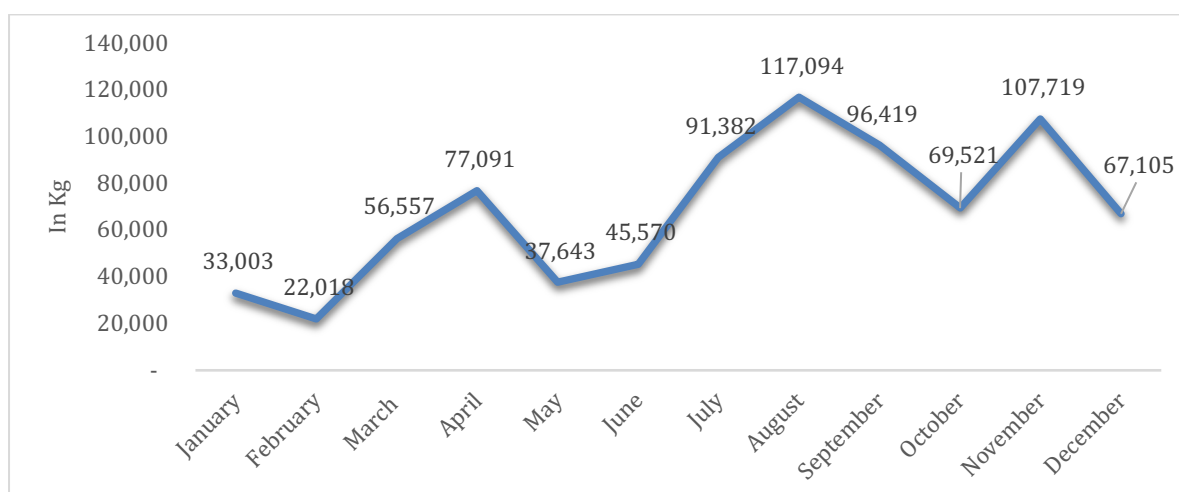
Source: Druk Air, Bhutan airlines, BAS

Chart 29: Yearly international passenger and cargo flights, 2018-2021



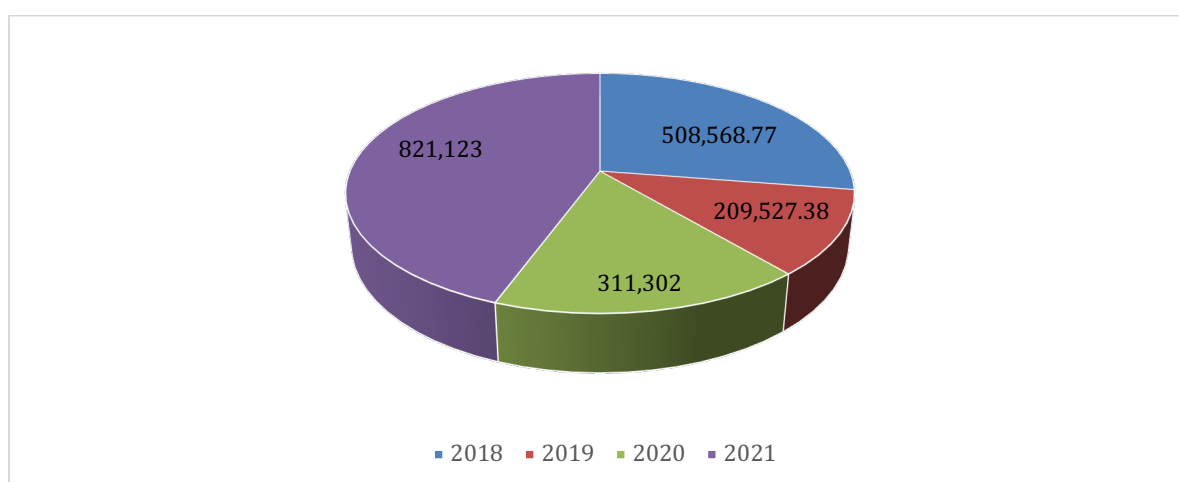
Source: Drukair, Bhutan Airlines, BAS, Bhutan Air Services & Department of Air Transport

Chart 30: Monthly International Cargo transported by the two airlines in 2021



Source: Drukair and Bhutan Airlines

Chart 31: Yearly international cargo transported by the airlines, 2018-2021



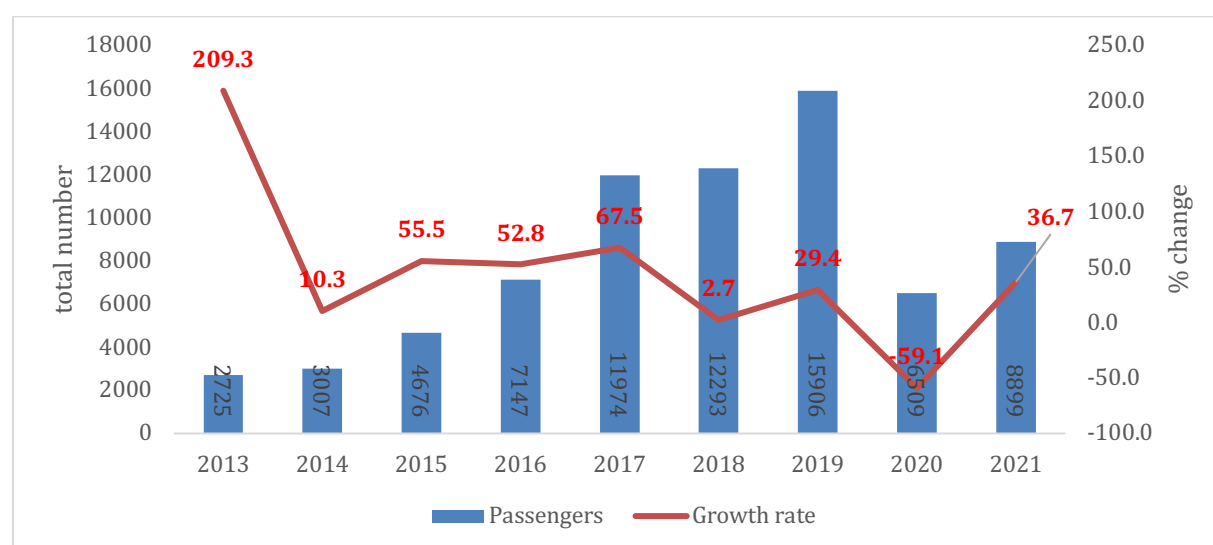
Source: Drukair, Bhutan Airlines, BAS, Bhutan Air Services & Department of Air Transport

2.5. Domestic Air Services

Domestic Air Service in Bhutan started on 17th December 2011 with flights to Bumthang and Yongphula followed by Gelephu on 25th October 2012. Currently, Drukair is the only domestic fixed airwing air service provider in the country.

Unlike the international air passenger sector, the domestic air sector saw an increase in travelers in comparison to 2020. In 2021, the domestic air passengers increased by about 37% in comparison to 2020 with a total of about 8,899 passengers using the domestic air services.

Chart 32: Year on Year Domestic Air Passengers and Growth Rate, 2013-2021



Source: Druk Air

Table 18: Monthly domestic air passenger flow, by Sector, 2021

Sector	Jan	Feb	Mar	April	May	June	July	Aug.	Sept	Oct.	Nov.	Dec	Total
PBH-BUT	0	29	45	27	4	29	46	25	55	51	13	18	342
BUT-PBH	0	21	32	16	9	11	99	18	21	42	48	3	320
PBH-GLU	0	0	0	0	0	0	0	0	0	0	0	0	0
GLU-PBH	0	0	0	0	0	0	0	0	0	0	0	0	0
GLU-BUT	0	0	0	0	0	0	0	0	0	0	0	0	0
BUT-GLU	0	0	0	0	0	0	0	0	0	0	0	0	0
YON-BUT	0	22	18	2	10	12	5	20		12	6	7	114

BUT-YON	0	9	9	0	0	0	0	2	0	11	6	5	42
GLU-YON	0	0	0	0	0	0	0	0	0	0	0	0	0
YON-GLU	0	0	0	0	0	0	0	0	0	0	0	0	0
PBH-YON	0	328	336	319	193	131	327	216	362	287	515	767	3781
YON-PBH	0	343	386	408	171	256	299	202	400	349	524	962	4300

Source: Department of Air Transport, Drukair

Table 19: Total number of monthly domestic flights, 2021

Sector	Jan	Feb	Mar	April	May	June	Jul y	Au g	Sept	Oct	No v	Dec	Total
PBH-BUT	0	4	4	5	3	4	5	2	4	7	4	3	45
BUT-PBH	0	4	4	5	3	4	5	2	4	7	4	3	45
PBH-GLU	0	0	0	0	0	0	0	0	0	0	0	0	0
GLU-PBH	0	0	0	0	0	0	0	0	0	0	0	0	0
GLU-BUT	0	0	0	0	0	0	0	0	0	0	0	0	0
BUT-GLU	0	0	0	0	0	0	0	0	0	0	0	0	0
YON-BUT	0	2	1	2	2	1	0	1	0	3	2	1	15
BUT-YON	0	2	2	3	1	2	2	1	1	2	2	2	20
GLU-YON	0	0	0	0	0	0	0	0	0	0	0	0	0
YON-GLU	0	0	0	0	0	0	0	0	0	0	0	0	0
PBH-YON	0	10	14	14	8	10	11	9	12	11	16	25	140
YON-PBH	0	10	14	15	8	10	11	9	12	11	16	25	141

Source: Drukair

2.6. Helicopter Services

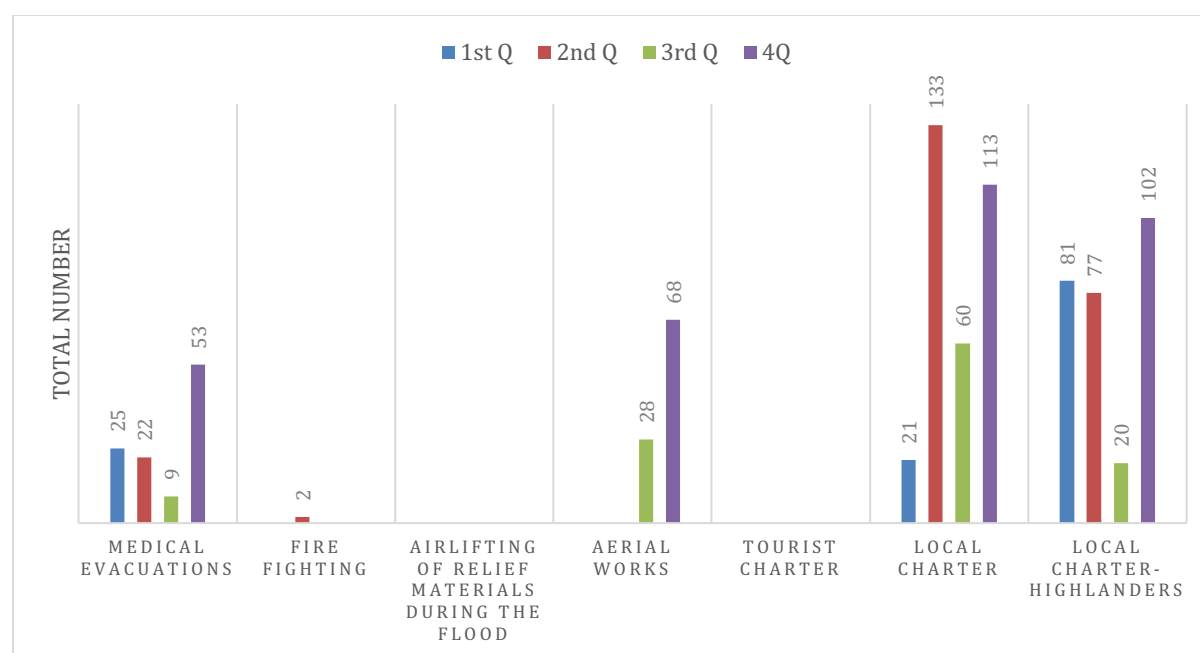
Helicopter services in the country is being operated by the Royal Bhutan Helicopter Services Limited (RBHSL). RBHSL is also the only helicopter service provider in the country providing helicopter services for medical evacuations, firefighting, airlifting of relief materials, local charter and tourist charter.

Table 20: Helicopter services, by purpose and number of flights, 2016-2021

Particulars	2016	2017	2018	2019	2020	2021
Medical evacuations	133	159	180	119	83	109
Fire Fighting	6	4	20		2	2
Airlifting of relief materials during the flood	4	0	0	0	0	0
Aerial Works	45	20	3	3	8	96
Tourist Charter	121	110	173	173	26	0
Local Charter	117	85	106	110	40	327
Local charter-Highlanders	37	40	179	154	158	280

Source: Royal Bhutan Helicopter Services Ltd.

Chart 33: Quarterly Helicopter flight Statistics by purpose 2021



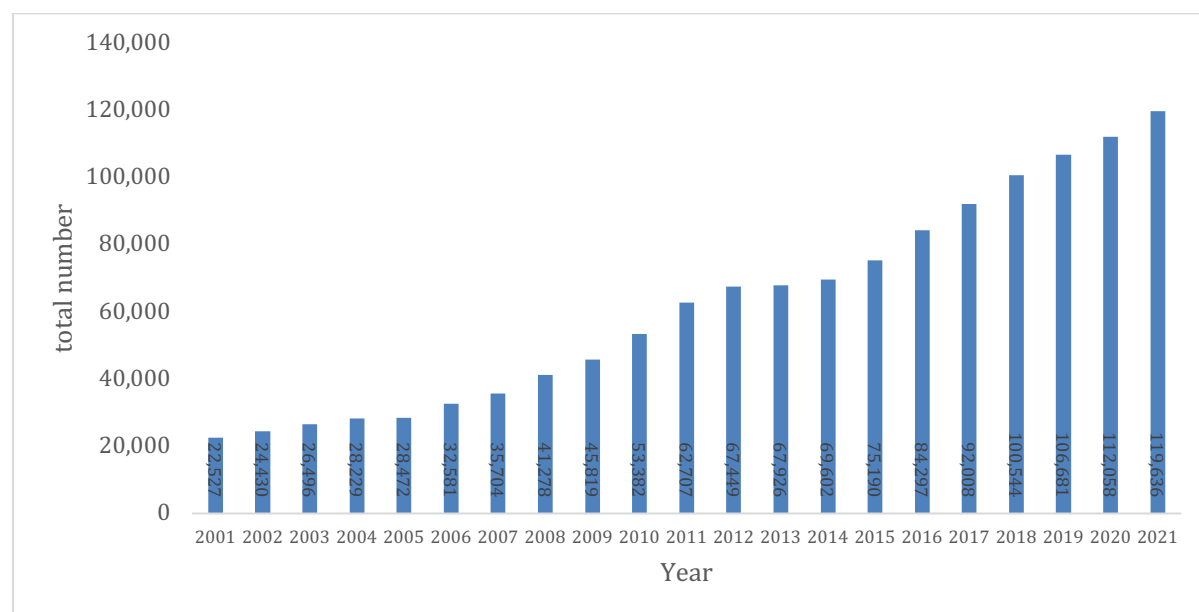
Source: Royal Bhutan Helicopter Service Ltd.

B. Surface Transport

2.7. Motor Vehicle growth trend

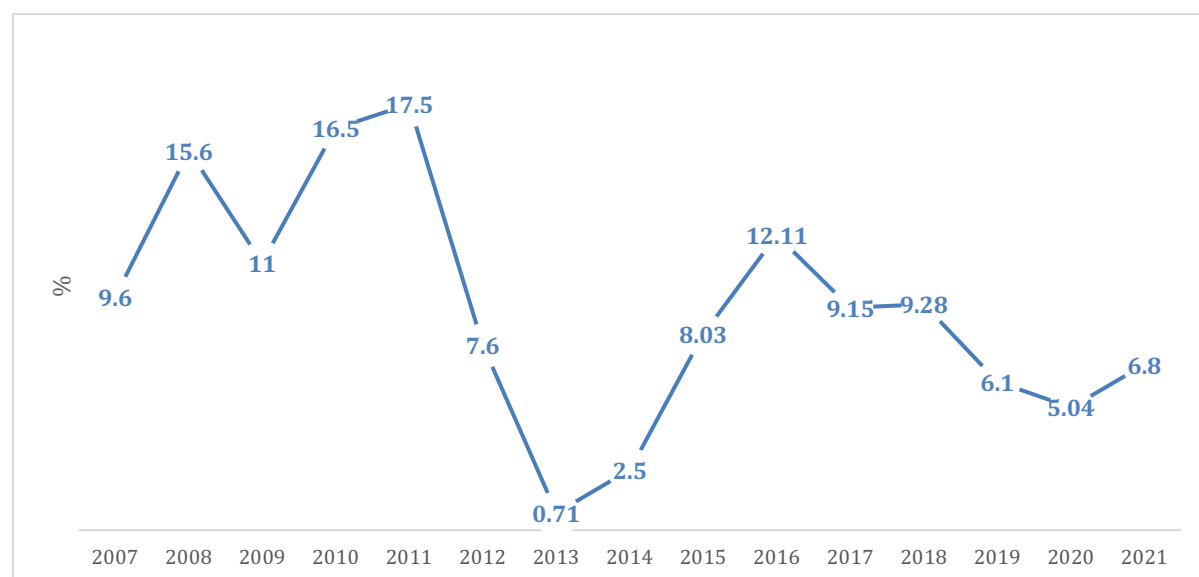
Total number of motor vehicles registered in the country, as of December 2021, stands at 119,636 compared to 112,058 vehicles in 2020 i.e. an increase of about 6.8% over the last one year.

Chart 34: Total number of registered vehicles, 2001-2021



Source: Road Safety and Transport Authority

Chart 35: Yearly Registered Vehicle Growth Rate in Bhutan, 2007-2021



Source: Road Safety and Transport Authority, MoIC

Table 21: Total number of registered vehicles by Type, 2002-2021

Year	Category											
	Heavy	HB ¹⁵	Medium	MB	Light	TW	PT	Tra	EME	Other	EV	Taxi
2002	2747	n.a	770	n.a	10199	8371	n.a	n.a	464	456	n.a	1423
2003	4841	n.a	308	n.a	11575	7507	n.a	n.a	321	384	n.a	1560
2004	4345	n.a	n.a	n.a	12425	7707	n.a	n.a	1682	388	n.a	1682
2005	4352	n.a	n.a	n.a	14365	6703	n.a	n.a	511	491	n.a	2050
2006	4176	n.a	343	n.a	17355	7903	79	109	555	23	n.a	2038
2007	4547	n.a	467	n.a	19798	7458	109	474	633	n.a	n.a	2218
2008	4624	n.a	659	n.a	24244	7734	151	611	744	n.a	n.a	2511
2009	5198	n.a	786	n.a	27145	8027	692	183	929	n.a	n.a	2859
2010	6568	n.a	1007	n.a	31162	8820	756	210	1260	n.a	n.a	3599
2011	7996	n.a	1261	n.a	36150	9434	1030	278	1702	n.a	n.a	4856
2012	8443	n.a	1330	n.a	39254	9739	1128	283	1918	n.a	n.a	5354
2013	8544	n.a	1347	n.a	39596	9750	1209	318	1971	n.a	n.a	5191
2014	8474	n.a	1392	n.a	41924	9988	1381	329	2005	n.a	n.a	4109
2015	8566	n.a	1482	n.a	47734	8978	1715	384	2208	184	n.a	3939
2016	9480	n.a	1605	n.a	54280	9641	1944	421	2595	103	n.a	4228
2017	9766	428	1415	313	59653	10165	2213	462	3044	n.a	94	4455
2018	11152	479	1494	334	64925	10874	2758	487	3271	n.a	98	4672
2019	11678	539	1561	362	69075	11344	2948	495	3386	n.a	112	5181

¹⁵ Reference: Heavy: Heavy Vehicles, HB: Heavy Buses, Medium: Medium Vehicles, MB: Medium Buses, Light: light vehicles, TW: Two Wheelers, PT: Power Tiller, Tra: Tractors, EME: Earth Moving Equipment vehicles, EV: Electric Vehicles

2020	11800	555	1610	372	72818	11666	3280	507	3535	na	133	5782
2021	12096	593	1733	383	78181	12119	3809	554	3948	na	197	6023 ¹⁶

- Note: Total number of EV is 248. 197 pvt. EV and 51 taxi

Source: Road Safety and Transport Authority

2.8. Vehicle Distribution and Ownership pattern, 2021

In terms of vehicle ownership and distribution, 54.1% of the total vehicles are registered under Thimphu¹⁷ region, 32.1% under Phuentsholing¹⁸ region, 6.8% under Gelephu¹⁹ region, 4.7% under Samdrup Jongkhar²⁰ region and 2.3% under Monggar region²¹ respectively.

Table 22: Total number of vehicles registered by type and ownership as of December 2021

Region	O/ship	HV	HB	MV	M B	LV	TW	PT	TR	EME	TAXI	EV		Total
												Pvt	Taxi	
Thimphu	Govt	513	106	59	22	1861	497	513	78	161	0	42	0	3852
Pling		490	138	154	24	791	669	15	22	110	0	13	0	2426
Gelephu		64	14	19	3	238	123	68	13	104	0	0	0	646
S/Jongkhar		45	12	31	4	210	228	64	34	47	0	0	0	675
Monggar		3	10	11	2	98	12	50	3	5	0	0	0	194
Sub total		1115	280	274	55	3198	1529	710	150	427	0	55	0	7793
Thimphu	Pvt	2919	132	323	213	45072	4048	2635	123	1252	3942	119	44	60822
Pling		6905	138	855	102	21134	3788	71	168	1698	1113	16	6	35994
Gelephu		542	28	191	9	4459	1214	130	75	229	611	4	1	7493
S/Jongkhar		485	10	48	0	2559	1203	244	28	231	113	0	0	4921
Monggar		130	5	42	4	1726	332	19	10	111	193	1	0	2573
Sub total		10981	313	1459	328	74950	10585	3099	404	3521	5972	140	51	111803

¹⁶ The figure includes 51 EV taxis.

¹⁷ Covers six Dzongkhags: Thimphu, Paro, Haa, Wangdue, Punakha and Gasa

¹⁸ Covers two Dzongkhags: Chhukha and Samtse

¹⁹ Covers six Dzongkhags: Gelephu, Zhemgang, Trongsa, Bumthang, Tsirang and Dagana

²⁰ Covers two Dzongkhags: Samdrup Jongkhar and Pema Gatsel. Since August 2014, Trashigang, Trashi Yangtse, Monggar and Lhuntse Dzongkhags were transferred to Monggar region. However, all vehicles registered and plying in this four Dzongkhags prior to August 2014 are recorded and kept with the Samdrup Jongkhar region.

²¹ Started functioning since August 2014 and will cover four Dzongkhags: Monggar, Trashigang, Trashi Yangtse and Lhuntse. Number of vehicles and % share of vehicles for Monggar region is very low as the data indicates the number of vehicles registered on or after august 2014 only.

Thimphu	Diplomat	0	0	0	0	33	5	0	0	0	0	2	0	40
Pling		0	0	0	0	0	0	0	0	0	0	0	0	0
Gelephu		0	0	0	0	0	0	0	0	0	0	0	0	0
S/Jongkhar		0	0	0	0	0	0	0	0	0	0	0	0	0
Monggar		0	0	0	0	0	0	0	0	0	0	0	0	0
Sub total		0	0	0	0	33	5	0	0	0	0	2	0	40
Grand Total		12096	593	1733	383	78181	12119	3809	554	3948	5972	197	51	119636

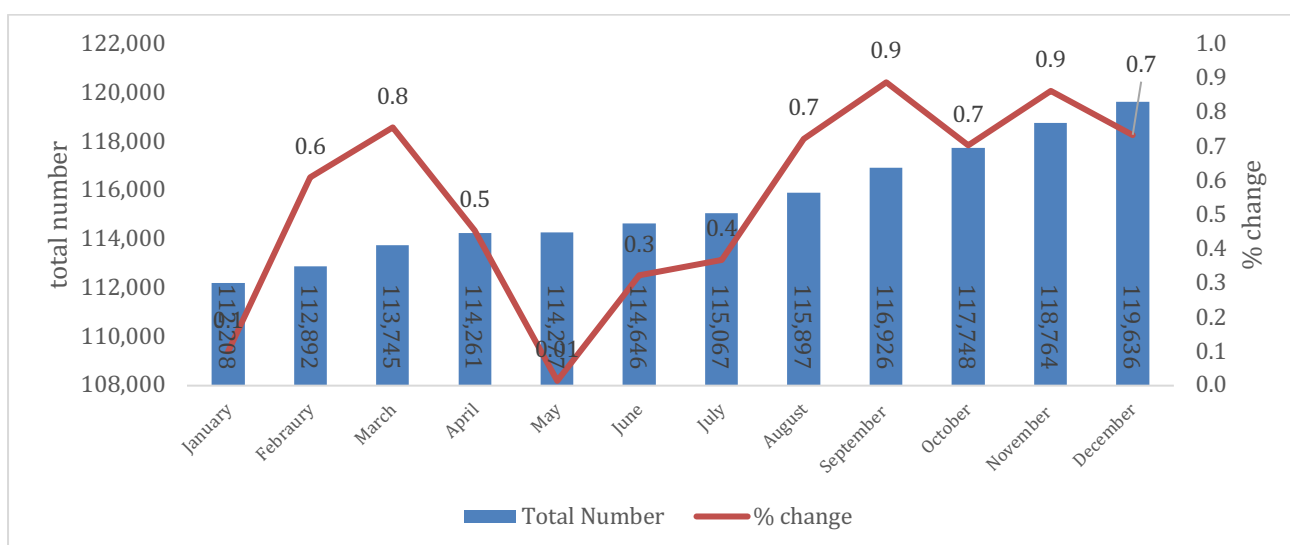
Source: Road Safety and Transport Authority

Table 23: Total number of registered Vehicles by region and % Share from 2016-2021

Region	Total number of registered vehicles						% share of registered vehicles					
	2021	2020	2019	2018	2017	2016	2021	2020	2019	2018	2017	2016
Thimphu	64,714	59405	55801	52,322	47,753	43,652	54.1	53.0	52.04	52.04	51.9	51.78
P/ling	38,420	37417	36447	34,707	32,134	30,082	6.8	33.4	32.53	34.52	34.9	35.69
Gelephu	8,139	7410	6965	6,462	5,731	4,885	32.1	6.6	6.06	6.43	6.2	5.79
S/Jongkhar	5,596	5452	5356	5,194	4,938	4,627	4.7	4.9	4.87	5.17	5.3	5.49
Monggar	2,767	2374	2112	1,859	1,452	1,051	2.3	2.1	1.74	1.85	1.6	1.25
Total	119,636	112058	106681	100544	92008	84297						

Source: Road Safety and Transport Authority

Chart 36: Monthly motor vehicle registration trend in 2021



Source: Road Safety and Transport Authority

Table 24: Total number of motor vehicles registered by Government/ Public Sector Corporations by Type, 2001-2021

Year	Category												Total
	HV	HB	MV	MB	LV	TW	PT	TR	EME	Taxi	other	EV	
2001	618	n.a	193	n.a	1262	467	0	0	126	0	0	n.a	2666
2002	490	n.a	189	n.a	1234	560	0	0	131	0	0	n.a	2604
2003	692	n.a	78	n.a	1176	484	0	0	63	0	0	n.a	2493
2004	871	n.a	0	n.a	1267	506	0	0	63	0	0	n.a	2707
2005	952	n.a	0	n.a	1472	640	0	0	127	0	0	n.a	3191
2006	922	n.a	72	n.a	1517	1277	3	69	156	0	15	n.a	4031
2007	914	n.a	108	n.a	1604	715	30	13	168	0	0	n.a	3552
2008	903	n.a	139	n.a	1820	806	40	16	173	0	0	n.a	3897
2009	952	n.a	170	n.a	2000	839	40	17	192	0	0	n.a	4210
2010	992	n.a	192	n.a	2133	1047	43	17	198	0	0	n.a	4622
2011	1099	n.a	211	n.a	2278	1406	56	21	238	0	0	n.a	5309
2012	1132	n.a	226	n.a	2531	1460	58	21	241	0	0	n.a	5669
2013	1176	n.a	226	n.a	2510	1463	58	89	250	0	0	n.a	5772
2014	1176	n.a	231	n.a	2572	1454	162	91	253	0	0	n.a	5939
2015	1185	n.a	238	n.a	2512	1400	333	113	266	0	184	n.a	6231
2016	1237	n.a	259	n.a	2654	1417	388	119	278	0	29	n.a	6381
2017	1048	213	234	41	2914	1426	479	127	345	0	0	27	6,854
2018	1053	217	229	45	2889	1427	701	130	356	0	0	26	7,073
2019	1067	239	236	48	2966	1453	703	134	358	0	0	29	7,233
2020	1094	247	245	52	3073	1500	708	138	394	0	0	36	7487
2021	1115	280	274	55	3198	1529	710	150	427	0	0	55	7793

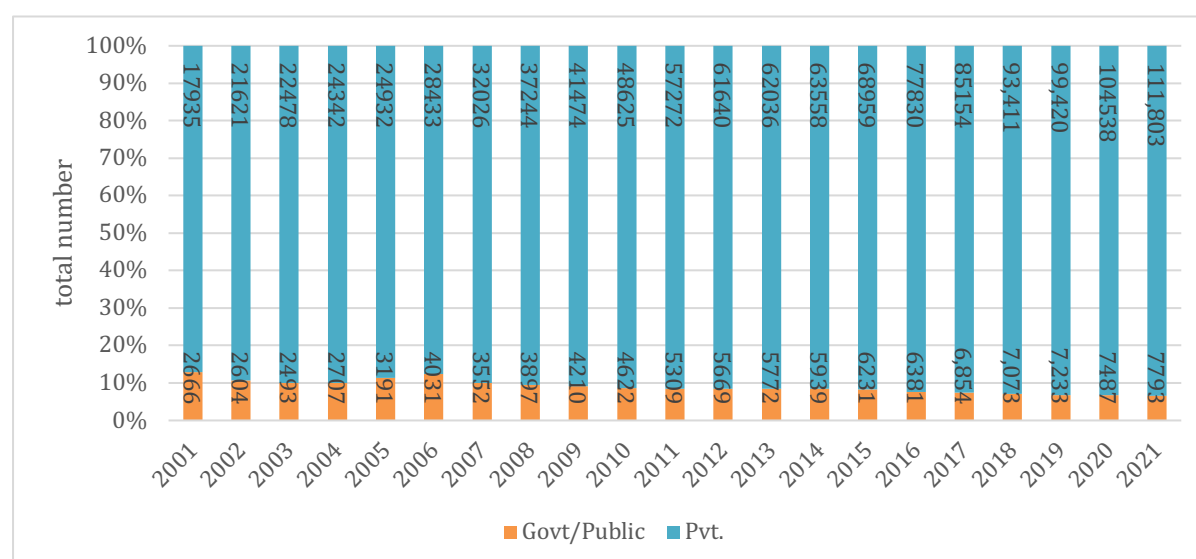
Source: Road Safety and Transport Authority

Table 25: Total number of motor vehicles registered by Private Organizations/Individuals, by type, 2001-2020

Year	Category												Total
	HV	HB	MV	MB	LV	TW	PT	TR	EME	Taxi	OT	EV	
2001	2244	n.a	505	n.a	7515	5989	0	0	282	1199	201	n.a	17935
2002	2255	n.a	581	n.a	8837	7811	0	0	333	1423	381	n.a	21621
2003	2799	n.a	230	n.a	10252	7023	0	0	258	1560	356	n.a	22478
2004	3474	n.a	0	n.a	11371	7201	0	0	258	1682	356	n.a	24342
2005	3400	n.a	0	n.a	12790	5998	0	0	382	2050	312	n.a	24932
2006	3236	n.a	271	n.a	15739	6626	76	40	399	2038	8	n.a	28433
2007	3633	n.a	359	n.a	18069	6743	79	460	465	2218	0	n.a	32026
2008	3721	n.a	520	n.a	22297	6928	111	595	561	2511	0	n.a	37244
2009	4246	n.a	616	n.a	25018	7180	143	675	737	2859	0	n.a	41474
2010	5576	n.a	815	n.a	28898	7769	167	739	1062	3599	0	n.a	48625
2011	6897	n.a	1050	n.a	33737	8023	222	1009	1478	4856	0	n.a	57272
2012	7311	n.a	1104	n.a	36588	8274	225	1107	1677	5354	0	n.a	61640
2013	7368	n.a	1121	n.a	36973	8282	1151	229	1721	5191	0	n.a	62036
2014	7298	n.a	1161	n.a	39252	8529	1219	238	1752	4109	0	n.a	63558
2015	7381	n.a	1244	n.a	45222	7578	1382	271	1942	3939	0	n.a	68959
2016	8243	n.a	1346	n.a	51541	8223	1556	302	2317	4228	74	n.a	77830
2017	8718	215	1181	272	56739	8739	1734	335	2699	4455	n.a	67	85154
2018	10,099	262	1,265	289	61,977	9,447	2,057	357	2915	5672	n.a	71	93,411
2019	10,611	300	1,325	314	69,075	9,889	2,245	361	3028	5181	n.a	82	99,420
2020	10,706	308	1365	320	69,716	10,163	2,572	369	3141	5782	na	96	104538
2021	10,981	313	1459	328	74,950	10,585	3,099	404	3,521	6023	na	140	111,803

Source: Road Safety and Transport Authority

Chart 37: Yearly motor vehicle registration trend between Govt./ Public entities and Private entities, 2001-2021



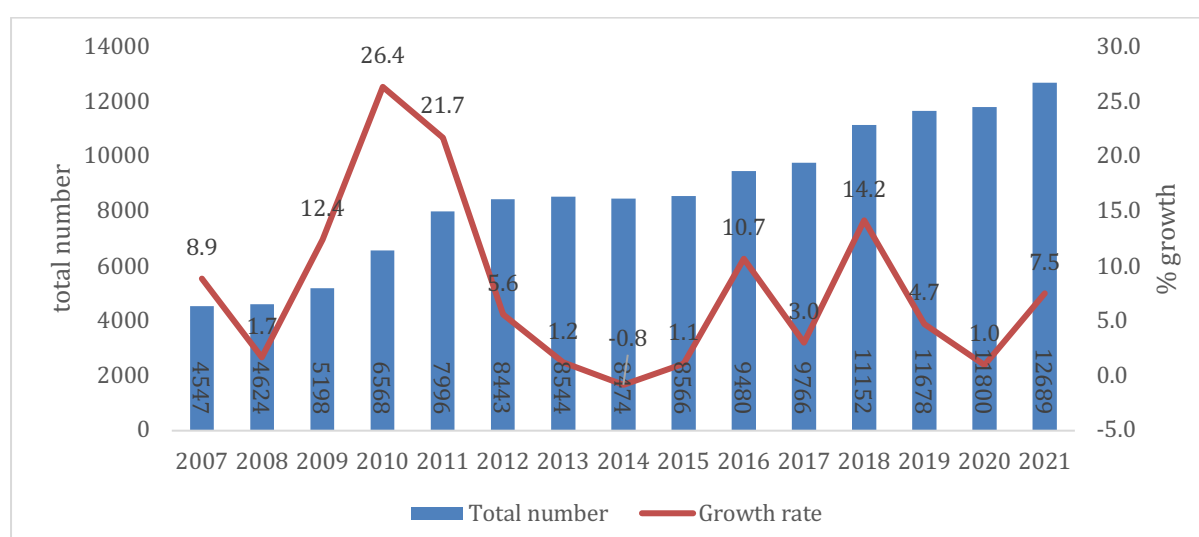
Source: Road Safety and Transport Authority

2.9. Vehicle Growth Trend by type

Heavy Vehicles²²:

In 2021, the total number of Heavy vehicle increased by about 7.5% or 889 more vehicles after adjusting for new and off-road vehicles from last year. Thereby, taking the total number of heavy vehicles in the country to 12,689.

Chart 38: Total number of Heavy Vehicles and % Annual Growth, 2007-2021



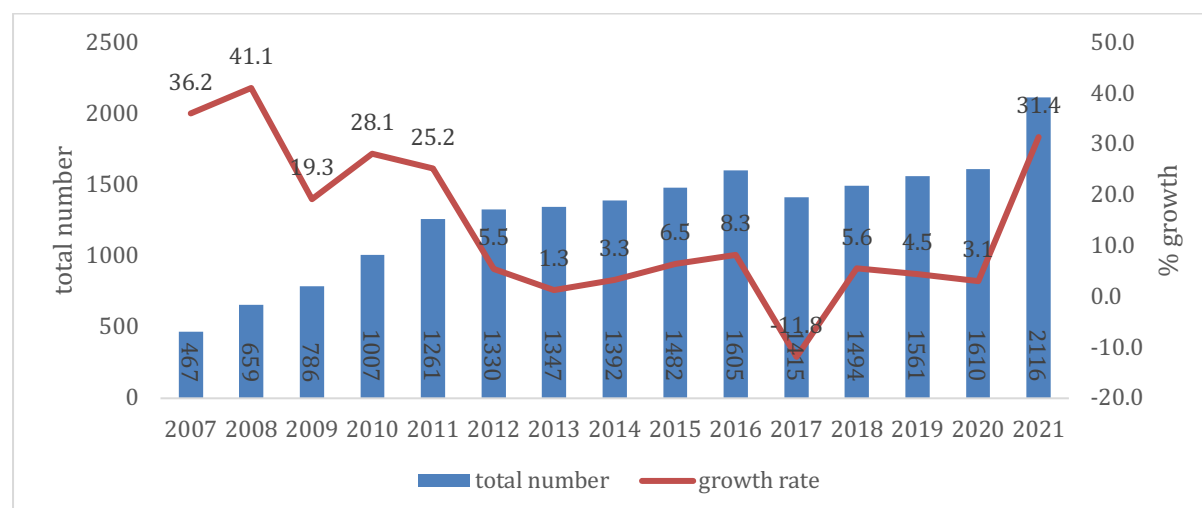
Source: Road Safety and Transport Authority

²² Heavy vehicle is defined as motor vehicles exceeding 10 tons gross vehicle weight or a bus seating more than 25 adults (including the driver) and these are generally trucks for freight and passenger buses (including buses owned by institutions and schools)

Medium Vehicles²³:

The total number of Medium vehicles in 2021, after adjusting new and off-road vehicles, increased by about 506 numbers or by 31.4% compared to 2020.

Chart 39: Total number of Medium vehicles and % Annual Growth, 2007-2021

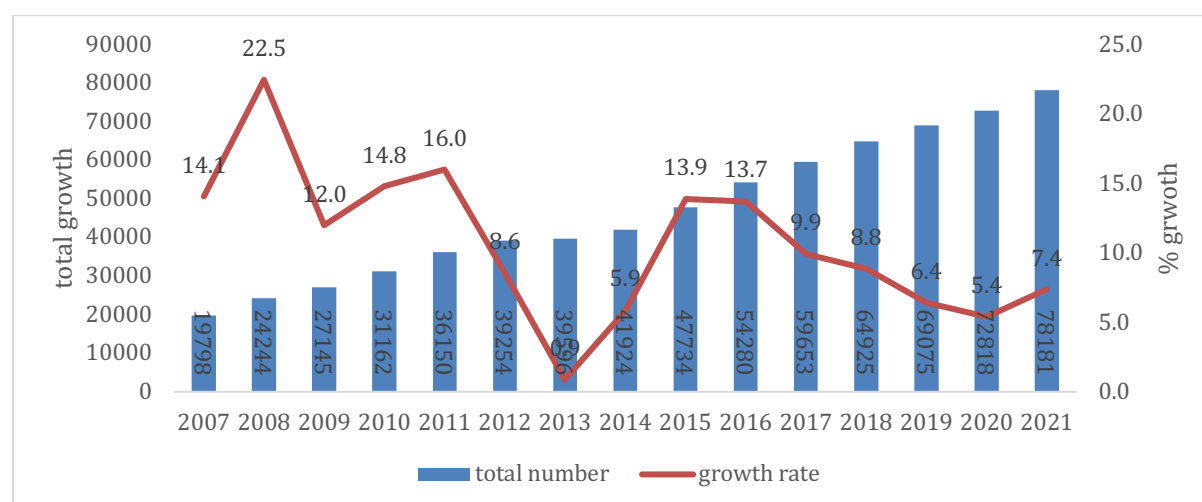


Source: Road Safety and Transport Authority

Light Vehicles²⁴:

After adjusting new and off-road vehicles, 5,363 more light vehicles were registered in 2021 i.e. an increase of 7.4% from 2020, taking the total number of light vehicles to 78,181.

Chart 40: Total number of Light vehicles and % Annual Growth, 2007-2021



Source: Road Safety and Transport Authority

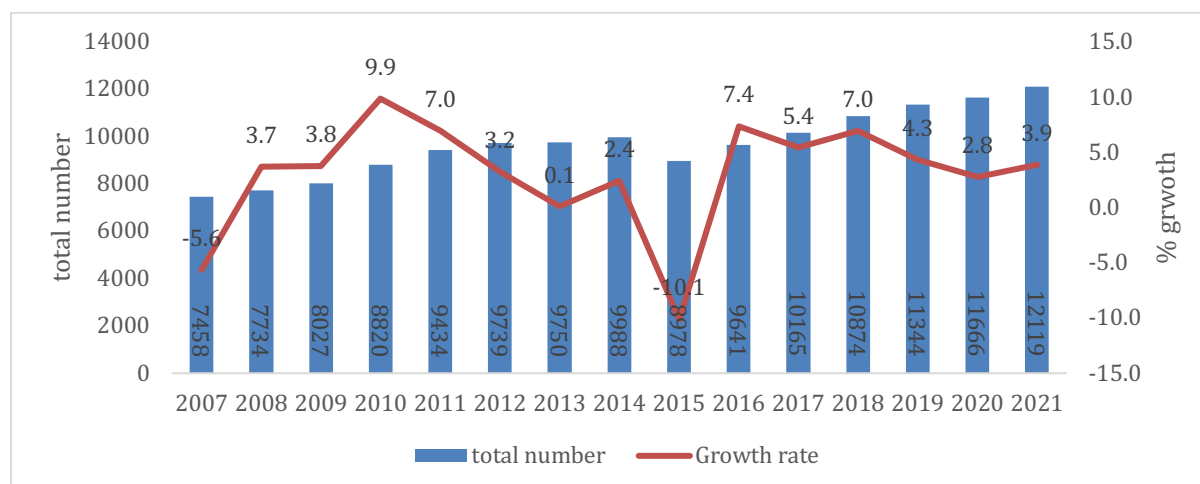
²³ Medium vehicles mean a motor vehicle exceeding 3 tons but not exceeding 10 tons gross vehicle weight or a bus seating between 13 and 24 passengers

²⁴ Light vehicles mean a motor vehicle (which is not a two-wheeler) seating not more than 12 adults (including the driver) and not exceeding 3 tones gross vehicle weight

Two Wheelers²⁵:

In 2021, the Two-wheelers segment saw an increase of 453 or 3.9% after adjusting new and off-road vehicles, taking the total number of two-wheelers in the country to 12,119

Chart 41: Total number of two-wheelers and % annual growth, 2007-2021

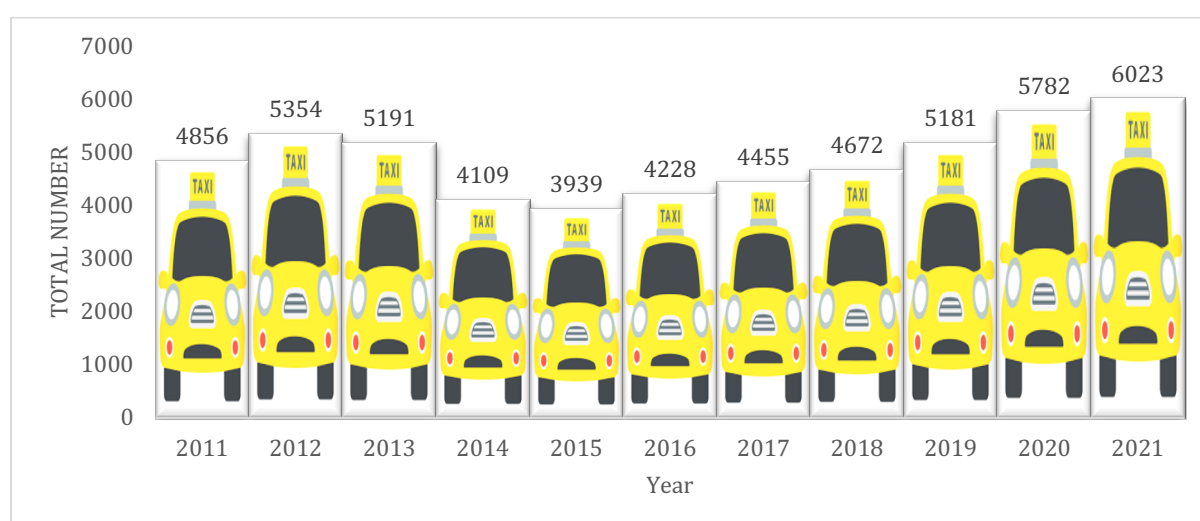


Source: Road Safety and Transport Authority

Taxi

The total number of Taxis in the country increased by about 4.2% in 2021 or by 241 numbers compared to 2020. In 2021, the Samdrup Jongkhar region saw an increase in the number of Taxis by about 6.6%, the highest increase in 2021 in comparison to other regions. The Samdrup Jongkhar region was followed by the Mongar region with 4.9%, Thimphu and Gelephu Region by 4.8%, and the Phuentsholing Region by 1.4%.

Chart 42: Total number of taxis²⁶ in Bhutan, 2011-2021



Source: Road Safety and Transport Authority

²⁵ Two wheelers mean a two-wheeled motor vehicle which has its own motive power but not human or animal power

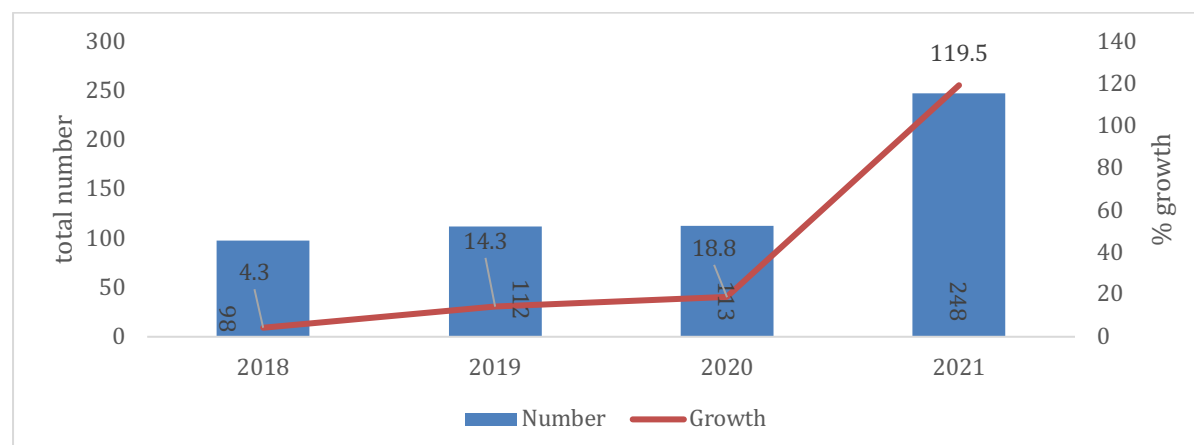
²⁶ Reverification of total number of taxis led to decrease in the total number in 2015

Table 26: Yearly Taxi ownership and Growth trend by Region, 2011-2021

Region	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Nationwide	4856	5354	5191	4109	3939	4228	4455	4672	5181	5782	6023
% Growth	34.9	10.3	-3.04	-20.8	-4.1	7.3	5.37	4.87	10.9	11.6	4.2
Thimphu	3305	3617	3508	2707	2652	2832	2926	3024	3344	3804	3986
% Growth	32.84	9.4	-3.01	-22.8	-2.03	6.8	3.3	3.35	10.6	13.8	4.8
% Share (region wise)	68.1	67.6	67.6	65.9	67.33	66.98	65.68	64.73	64.5	65.8	66.2
P/Ling	1343	1514	1475	1192	1030	1015	969	938	1034	1104	1119
% Growth	37.6	12.7	-2.6	-19.2	-13.59	-1.5	-4.5	-3.2	10.2	6.8	1.4
% Share (region wise)	27.7	28.3	28.4	29	26.15	24.01	21.8	20.08	19.96	19.09	18.6
Gelephu	151	160	149	156	195	289	394	470	534	584	612
% Growth	55.67	6	-6.9	4.7	25	48.2	36.33	19.29	13.6	9.4	4.8
% Share (region wise)	3.11	3	2.9	3.8	4.95	6.84	8.8	10.06	10.3	10.1	10.2
S/Jongkhar	57	63	59	54	44	43	68	89	99	106	113
% Growth	50	10.5	-6.3	-8.5	-18.5	-2.3	58.14	30.88	11.2	7.1	6.6
% Share (region wise)	1.17	1.2	1.1	1.3	1.12	1.02	1.5	1.9	1.9	1.8	1.9
Mongar	0	0	0	0	18	43	98	151	170	184	193
% Growth	-	-	-	-	-	138.9	127.9	54.08	12.6	8.2	4.9
% Share (region wise)	-	-	-	-	0.46	1.02	2.2	3.23	3.3	3.2	3.2

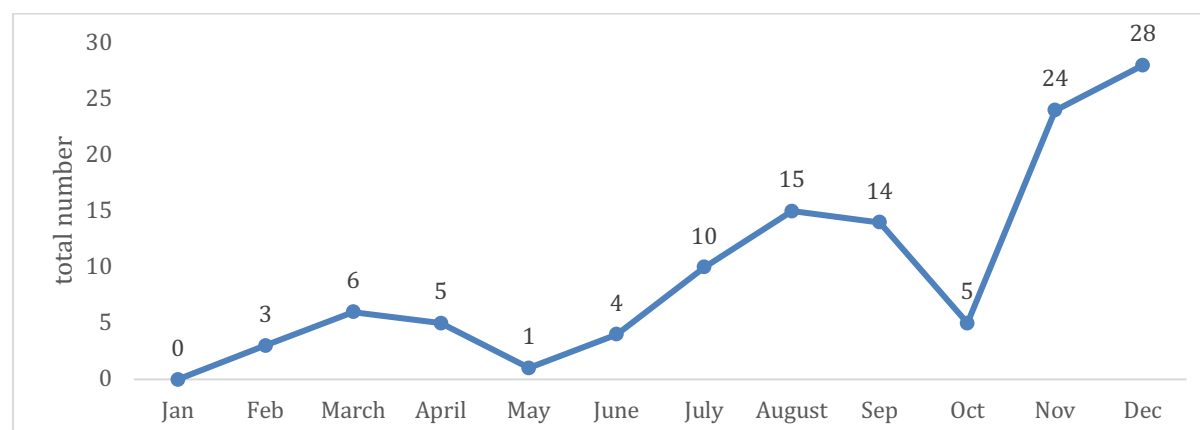
Source: Road Safety and Transport Authority

Chart 43: Year on Year Electric Vehicle registration trend, 2018-2021



Source: Road Safety and Transport Authority

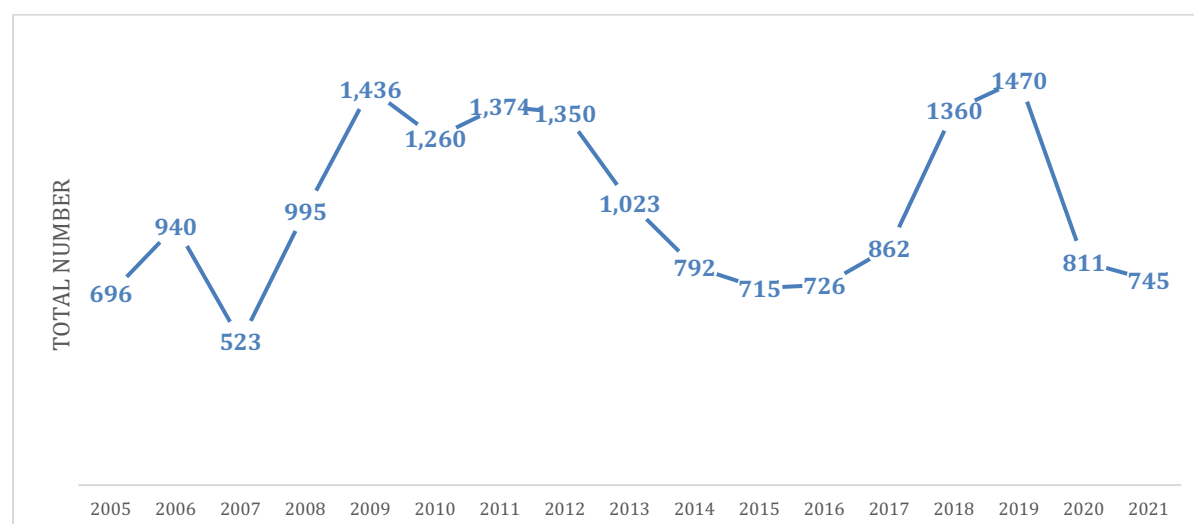
Chart 44: Monthly Electric Vehicle registration trend in 2021



Source: Road Safety and Transport Authority

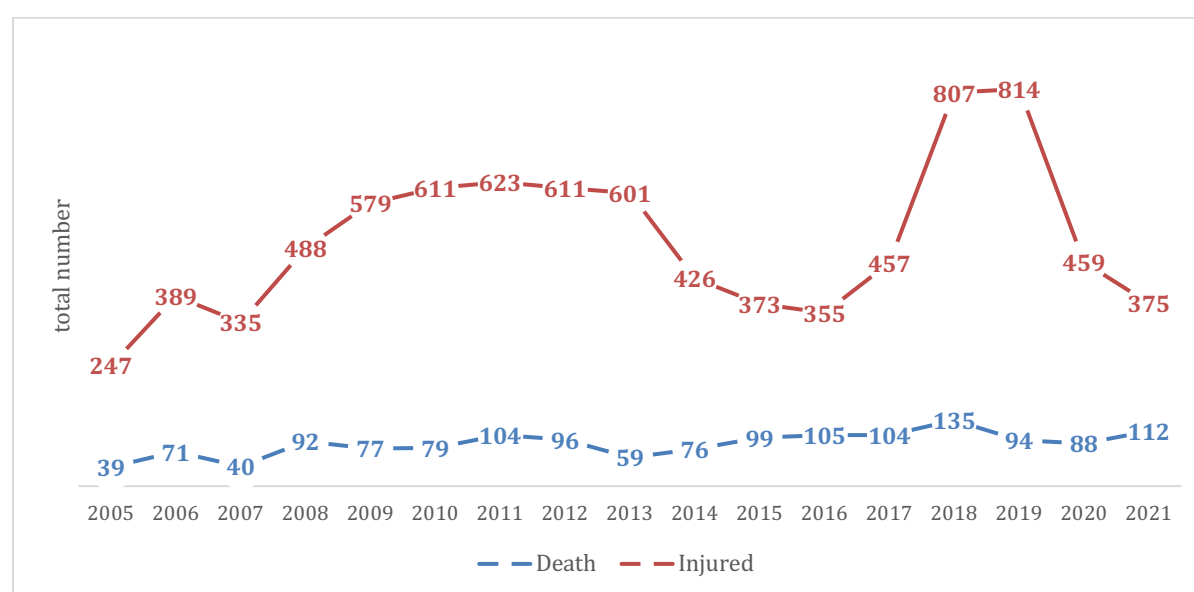
2.10. Motor Vehicle Crashes and Casualties

Chart 45: Yearly Motor vehicle related accident trend, 2005-2021



Source: Traffic Police, Royal Bhutan Police

Chart 47: Year on Year motor vehicle fatalities and injuries trend, 2021



Source: Traffic Police, Royal Bhutan Police

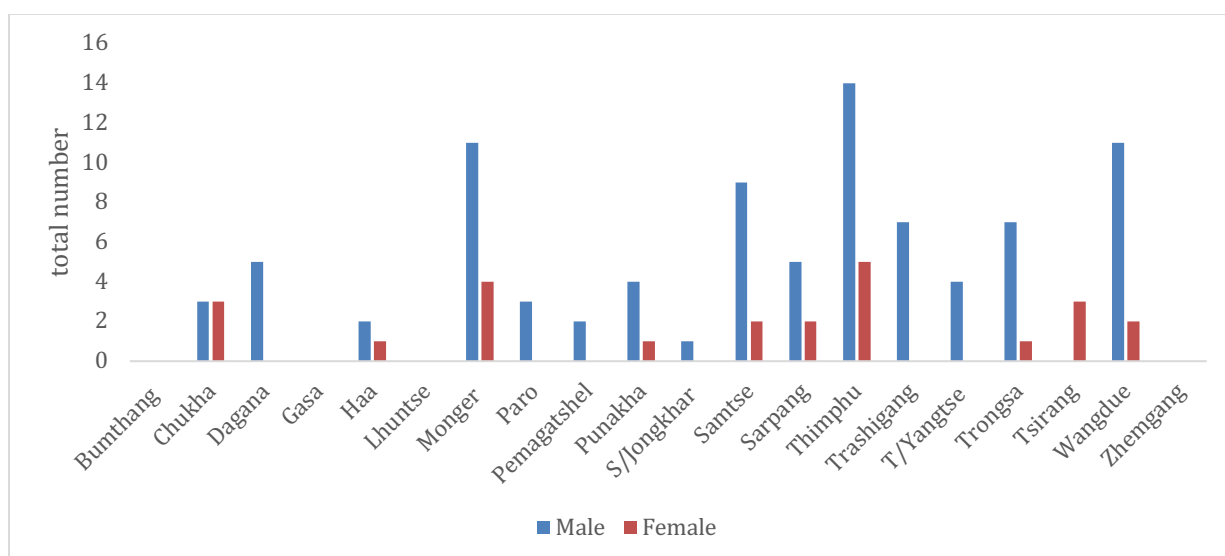
Table 27: Monthly Motor vehicle accidents, Fatalities and injuries by Dzongkhag and Gender in 2021

	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Bumthang	0	0	0	1	0	0	0	1	1	0	0	0	3
Chukha	8	13	16	11	5	3	11	10	6	8	12	13	116
Dagana	0	3	0	0	1	3	0	0	2	6	0	1	16
Gasa	0	0	2	1	1	1	2	0	1	0	0	0	8
Haa	0	0	3	0	2	0	1	4	5	4	2	2	23
Lhuntse	0	1	0	0	0	0	0	0	1	0	0	1	3
Mongar	1	1	0	2	2	1	1	1	0	1	3	2	15
Paro	0	11	5	8	21	12	13	11	23	10	17	10	141
Pema-Gatshel	3	0	1	0	2	1	1	1	7	1	0	1	18
Punakha	4	5	9	3	6	1	5	3	2	6	2	7	53
Samdrup/Jongkhar	0	2	4	2	0	2	2	1	1	0	0	1	15
Samtse	0	5	9	3	2	1	3	4	7	4	6	12	56
Sarpang	0	0	3	1	0	0	2	0	2	1	1	4	14
Thimphu	0	7	10	9	16	20	12	19	10	10	9	9	131

Trashi-gang	2	2	2	2	1	3	3	5	3	2	5	1	31
T/Yangtse	0	2	2	0	0	0	3	1	0	0	0	1	9
Trongsa	0	0	0	1	2	1	1	6	2	2	3	0	18
Tsirang	1	2	1	7	2	3	2	2	3	1	5	3	32
Wangdue	5	5	0	1	1	7	3	3	0	0	1	3	29
Zhemgang	0	2	1	4	0	2	1	0	1	1	2	0	14
Total	24	61	68	56	64	61	66	72	77	57	68	71	745

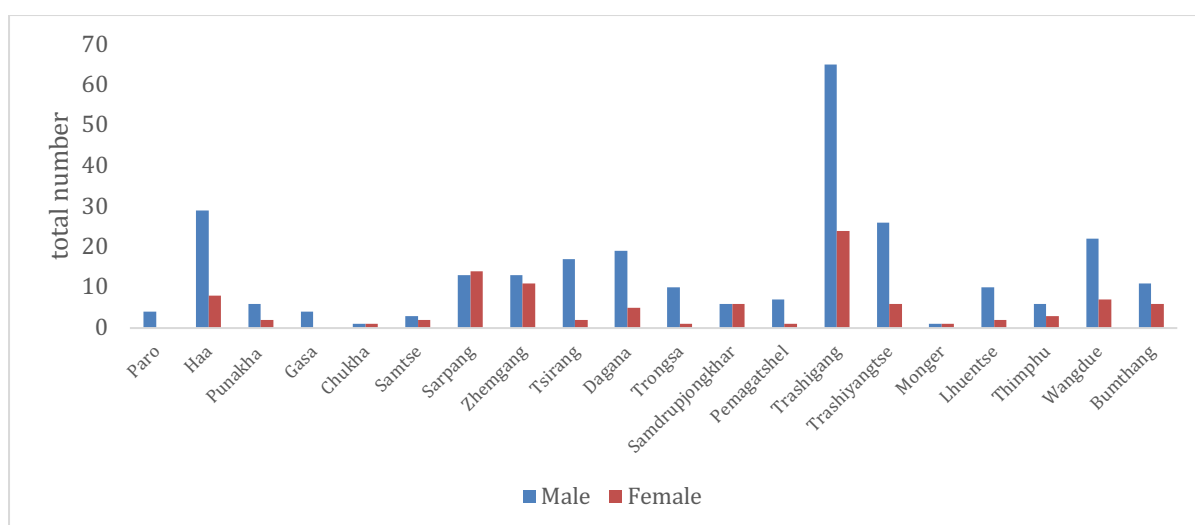
Source: Road Safety and Transport Authority and Traffic Police

Chart 48: Total number of fatalities by Dzongkhag and Gender in 2021



Source: Traffic Police, Royal Bhutan Police

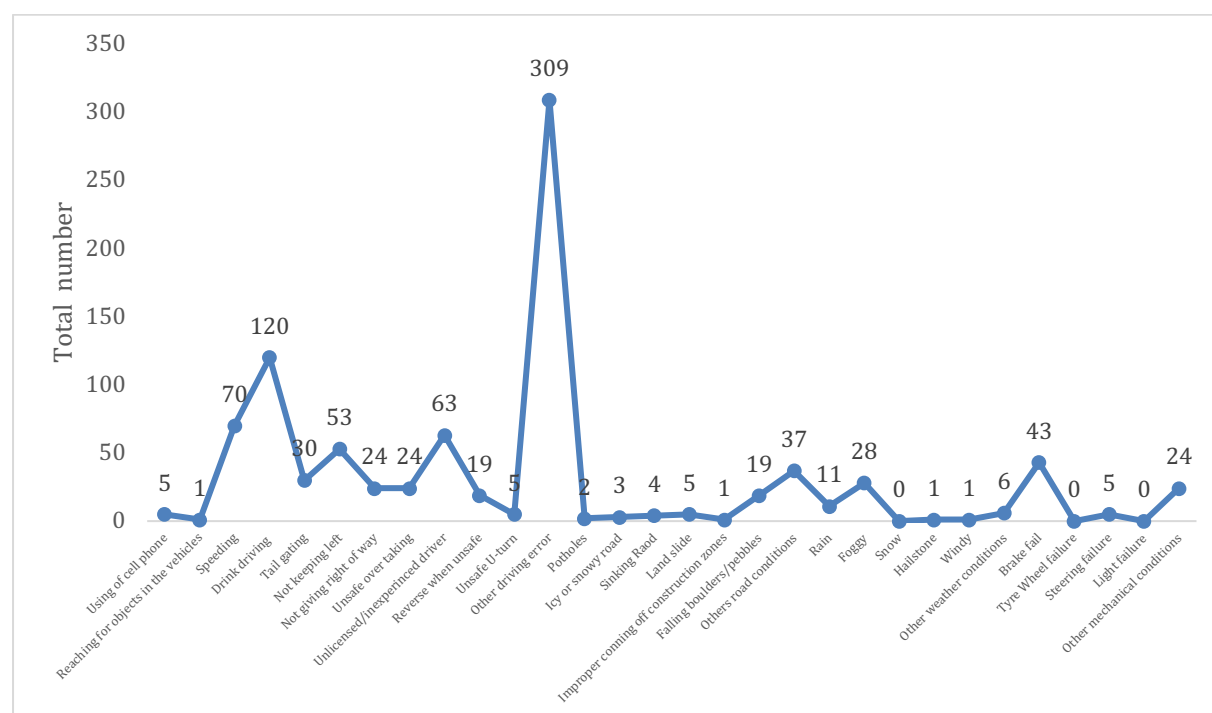
Chart 49: Total number of injuries by Dzongkhag and Gender in 2021



Source: Traffic Police, Royal Bhutan Police

In 2021, Human Error (other driving errors) made up the most causes leading to a motor vehicle accident. It was followed by Drink driving, Speeding, and unlicensed/inexperienced driving. Likewise, road conditions and mechanical failures also lead to motor vehicle accidents.

Chart 50: Causes of Motor Vehicle Accidents in 2021



Source: Traffic Police, Royal Bhutan Police

2.11. Motor vehicle traffic violation statistics, by inspection day, 2021

Table 28: Motor vehicle traffic violation statistics and fines imposed by inspection day, 2021

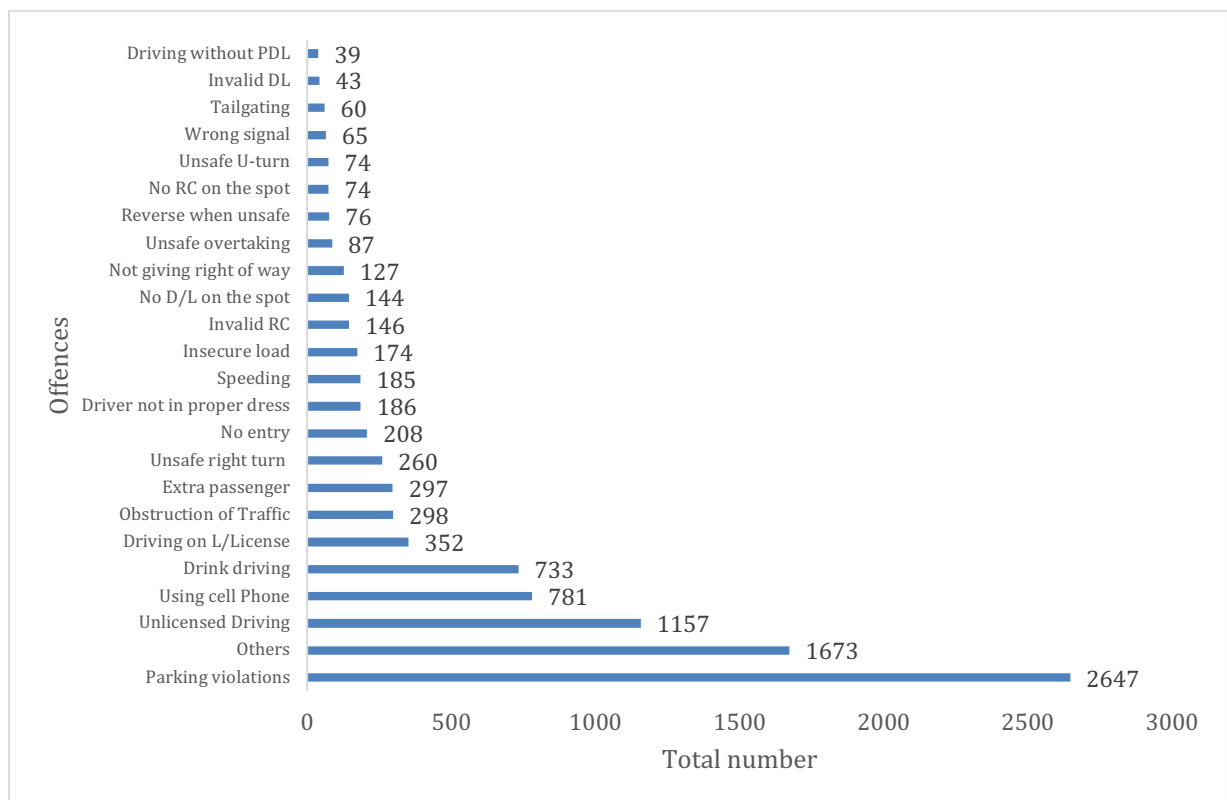
Report	Zero Tolerance day Report	Highway checking Report	Daily Traffic violation report	Total
Unlicensed Driving	695	700	1157	2552
No D/L on the spot	263	98	144	505
Driving on L/License	112	141	352	605
Driving without PDL	13	12	39	64
Drink driving	303	432	733	1468
Extra passenger	148	162	297	607
Using cell Phone	244	256	781	1281
Parking violations	550	81	2647	3278
Speeding	25	7	185	217

Over load	25	51	8	84
No entry	48	15	208	271
No RC on the spot	167	44	74	285
No emission paper	2	4	0	6
No fitness paper	20	2	12	34
Not giving right of way	27	8	127	162
Unsafe overtaking	20	24	87	131
Insecure load	58	93	174	325
Unsafe U-turn	9	7	74	90
Not keeping left	4	4	20	28
Wrong signal	13	4	65	82
Invalid RC	465	219	146	830
Invalid DL	97	47	43	187
Driver not in proper dress	65	57	186	308
Tailgating	18	2	60	80
Obstruction of Traffic	47	19	298	364
Faulty tires	57	16	22	95
Unsafe right turn	83	1	260	344
Using Vacuum horn	1	0	2	3
No. plates obscure/not as per standard	29	21	22	72
Lighting System	52	13	36	101
Reverse when unsafe	14	6	76	96
Others	451	250	1673	2374
TIN issued	4125	2796	10011	16932
Fine imposed(Nu.)	4,503,200	3,555,150	9,833,150	17,891,500

Source: Road Safety and Transport Authority

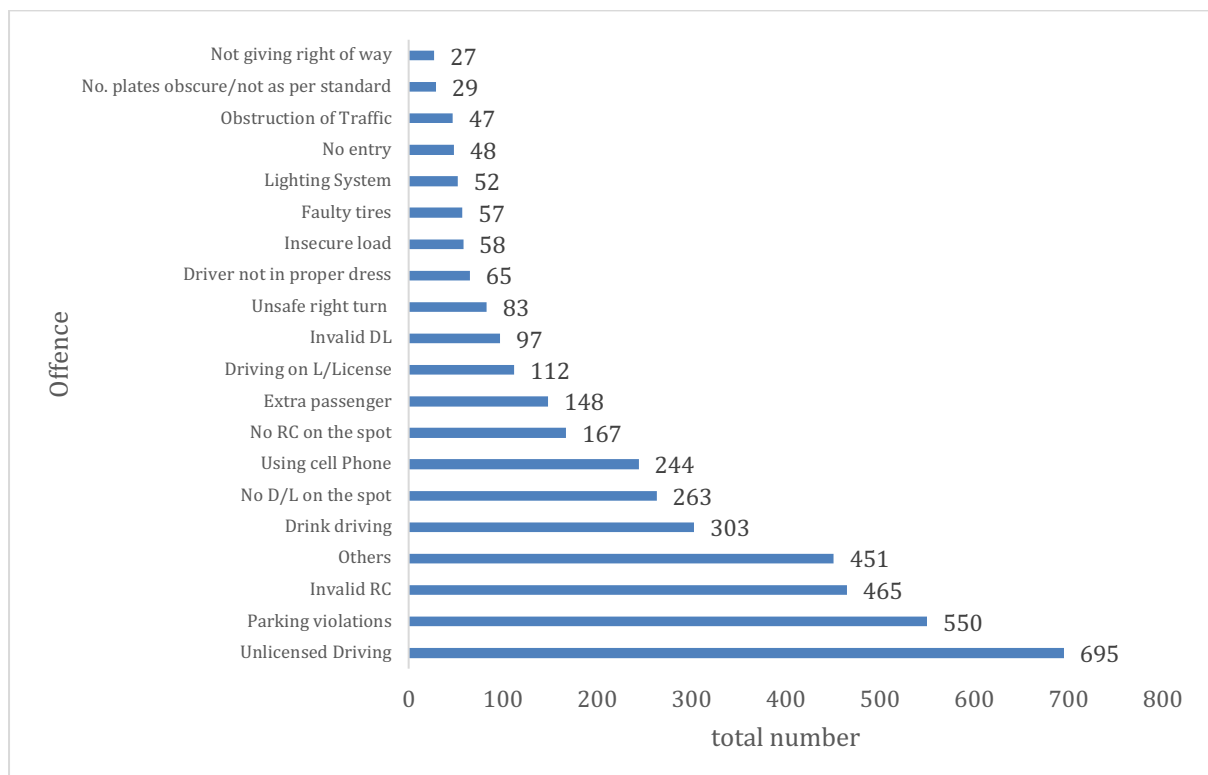
Likewise, parking violation was recorded as the biggest daily traffic violation. It was followed by unlicensed driving, using the cell phones and drink driving respectively. Unlicensed driving, parking violation and invalid vehicle registration certificate were the highest offences found during the Zero Tolerance day inspection. For the Highway inspection, unlicensed driving, drink driving and use of cell phones were the major offense.

Chart 51: Daily traffic Offence statistics in 2021



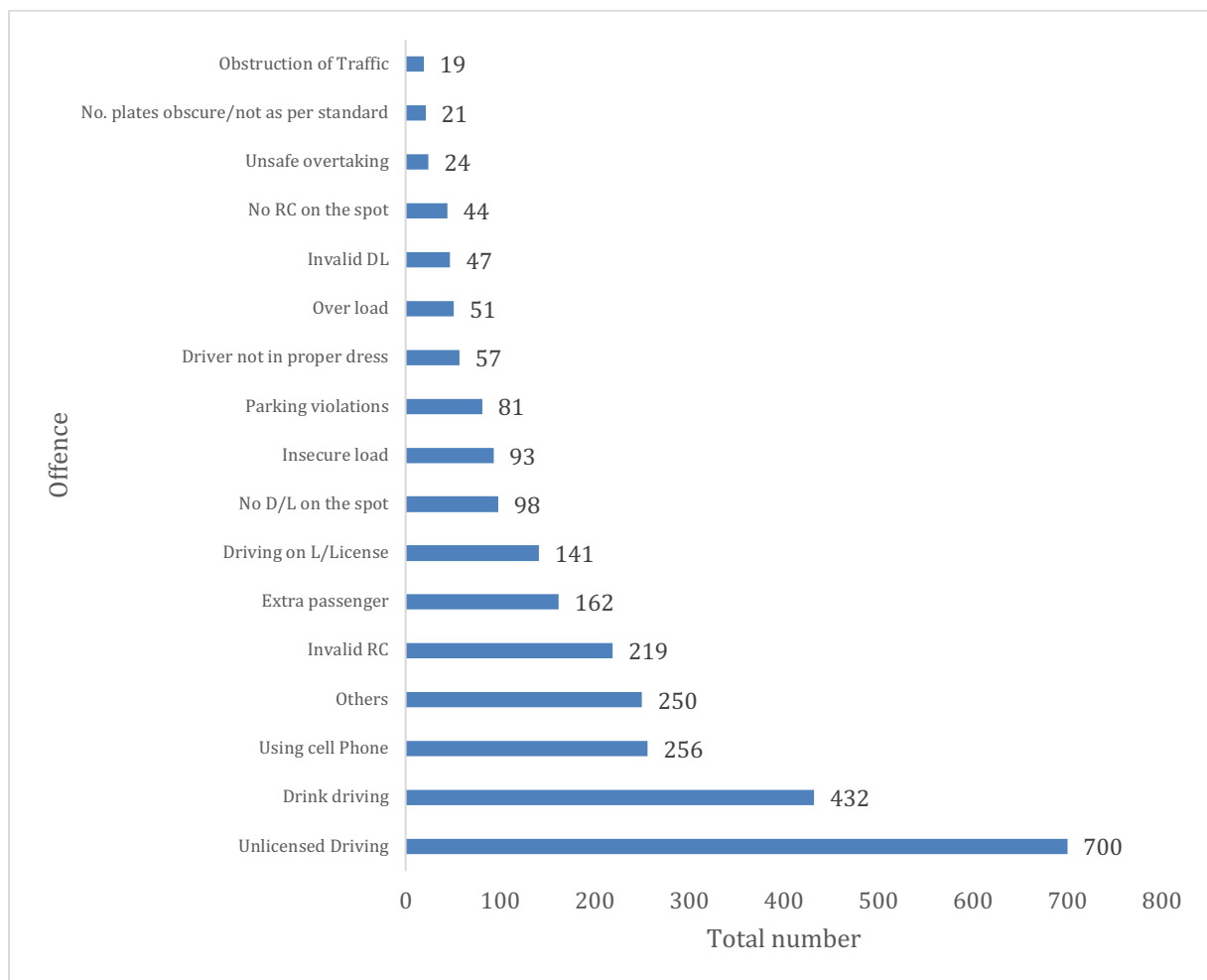
Source: Road Safety and Transport Authority

Chart 52: Zero Tolerance Day Offence Statistics in 2021



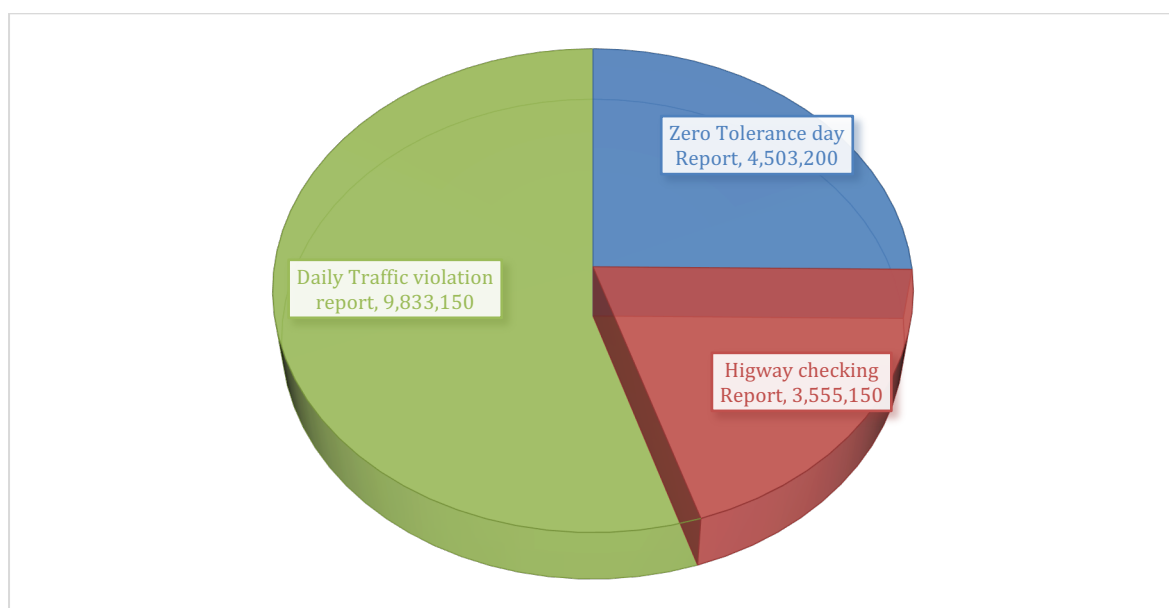
Source: Road Safety and Transport Authority

Chart 53: Highway Inspection Offence Statistics in 2021



Source: Road Safety and Transport Authority

Chart 54: Total fines imposed during inspection day in 2021

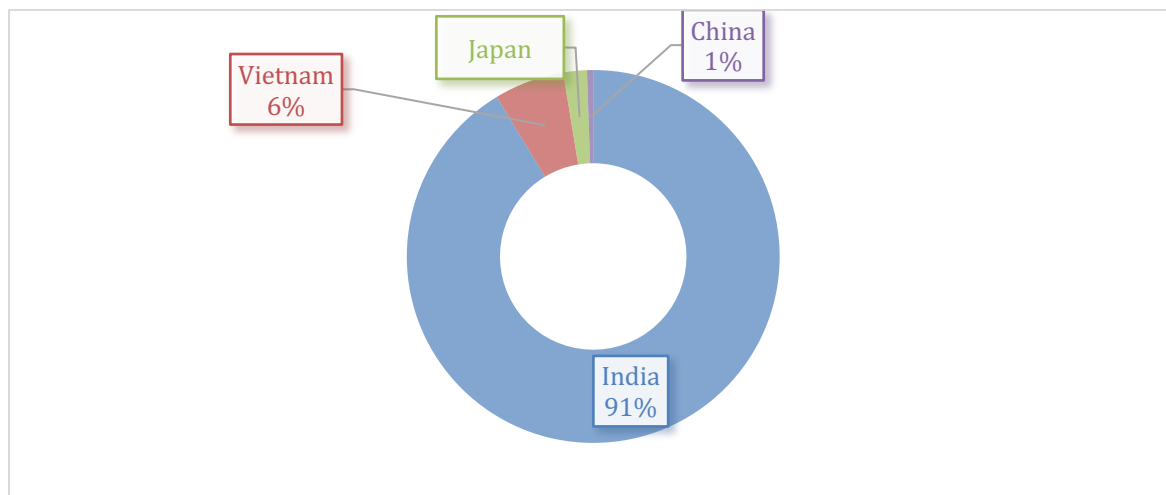


Source: Road Safety and Transport Authority

2.11. Vehicle import by preference 2021

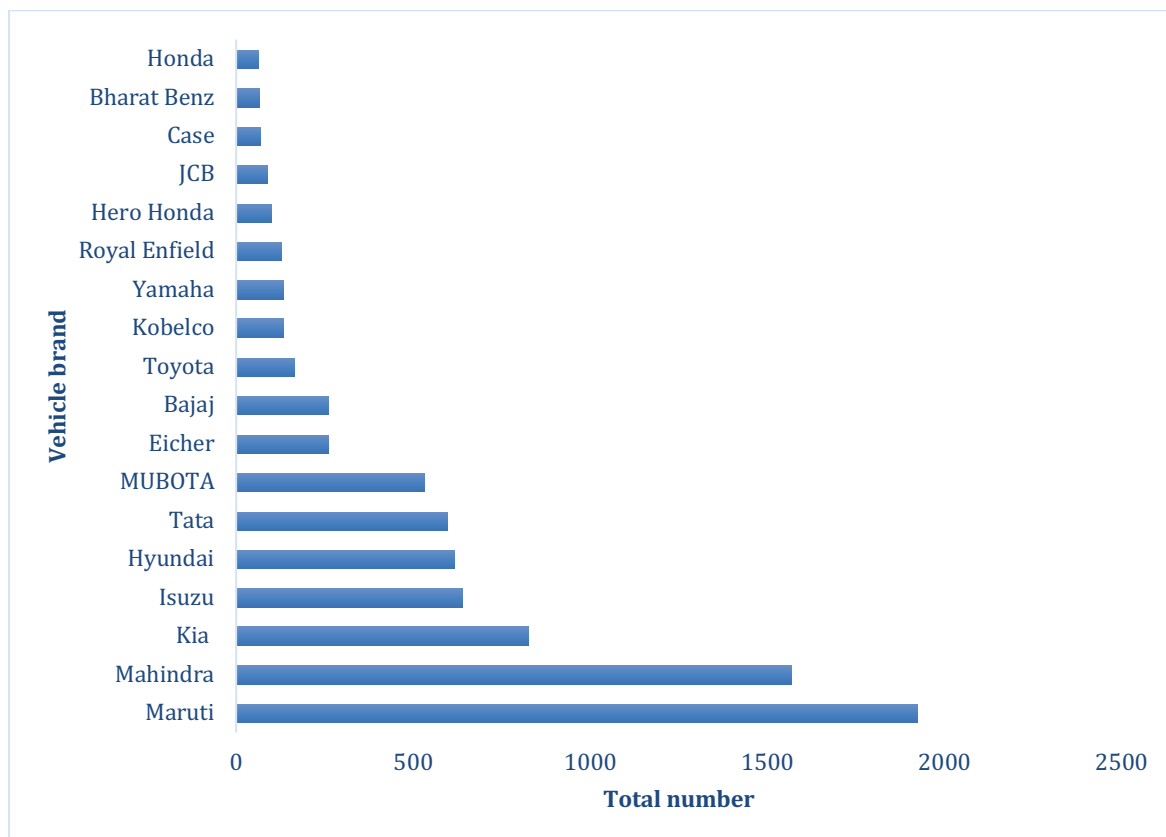
In 2021, almost 91% of the total vehicle imported in the Country was from India. Likewise, the most preferred vehicle brand for import was Maruti followed by Hyundai, Mahindra, and Kia (Chart 56 for more details).

Chart 55: Proportion of Vehicle Import by Country of Origin in 2021



Source: Road Safety and Transport Authority

Chart 56: Vehicle Import preference by brand in Bhutan 2021



Source: Road Safety and Transport Authority

III. TECHNICAL NOTES

1. Fixed Telephone Lines per 100 Inhabitants

Fixed Telephone lines refer to telephone lines connecting a customer's equipment i.e. telephone set to Public Switched Telephone Network and which have a dedicated port on public payphones. Fixed telephone line per 100 inhabitants is calculated by dividing the number of fixed lines by the population and multiplying by 100.

2. Mobile cellular per 100 inhabitants.

Mobile cellular per 100 inhabitants is obtained by dividing the number of mobile cellular subscriptions by the population and multiplying by 100.

3. Internet users per 100 inhabitants

Internet users in the bulletin refers only to those who are connected with either lease line or dial-up connections. Internet users per 100 inhabitants are the calculated number of users with internet connections by the total population multiplied by 100.

4. Fixed Broadband Internet subscribers

Refer to subscribers who pay for high-speed access to the public Internet at speeds equal to, or greater than, 256 kbps. Fixed broadband internet subscribers per 100 inhabitants are calculated by dividing the population of the country and by multiplying by 100.

5. Mobile Broadband Subscriber per 100 inhabitants

Mobile broadband internet subscribers per 100 inhabitants is calculated by dividing the population of the country and by multiplying by 100.