



Annual Info-Comm and Transport Statistical Bulletin

(8th Edition, 2017)

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

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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 information 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 Ministry of Information and Communications. However, regencies dealing with with ICT, media, transport and postal services are the direct source of information concerning their respective areas.

The statistical bulletin provides data until December 2016, and therefore, valid as of that year. 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 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, general public, development partners, training institutions and students alike.

II. SUMMARY OF ICT, MEDIA AND TRANSPORT SECTOR INDICATORS

ICT	
➤ Internet subscribers ¹	565557 (455656 in 2015)- 24.12 % increase
➤ Fixed Line telephone subscribers	21081 (21811 in 2015) –3.35 % decrease
➤ Number of Dzongkhags HQ's with Fixed Line connections	All 20 Dzongkhags
➤ Mobile Cellular subscribers	698373 (675747 in 2015) –3.35 % increase
➤ % of population availing Mobile services	88.50% (87.06 % in 2015)- 1.44% increase
➤ Number of Dzongkhags HQ's with access to Mobile services	All 20 Dzongkhags
➤ Number of Geog HQ's with access to Mobile network	All 205 Gewogs
Information and Media	
➤ Television Stations	1 (BBS Channel 1 & 2)
➤ Radio Stations	8 (Including community and campus radio)
➤ Number of Newspapers	11 (Including Bhutan Observer ²)
➤ Number of Magazines	4
Surface Transport:	
➤ Vehicle Number	84297 (75190 in 2015) – 12.11 % increase
➤ Number of Taxis	4228 (3939 in 2015) – 7.34 % increase
➤ Number of Motor Vehicles Crashes	726 (715 in 2015) – 1.54% increase
➤ Number of deaths due to vehicle crashes	105 (99 in 2015) – 6.06 % increase
➤ Number of injuries due to vehicle crashes	355 (373 in 2015) – 4.83 % decrease
➤ Revenue collected (July 2015-June 2016)	374.288m (316.003m in 2014-15) - 18.44 % increase

¹ Internet subscribers here refer to those household/offices/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.

² Bhutan Observer limited to online version only, print version discontinued since 1st August 2013

Air Transport	
➤ Domestic Airports ³	3
➤ International Airport	1
➤ No. of Airlines operating domestic routes ⁴	1
➤ No. of Airlines operating international routes	2
➤ No. of Air Passengers (International sector)	340528 (293551 in 2015)- 16 % increase
➤ No. of Air Passengers(Domestic sector)	7147 (4676 in 2015)- 52.84% increase
➤ No. of Helicopter Service Operator	1

³ Yonphula domestic airports is currently under maintenance

⁴ Bhutan Airlines, a subsidiary of Tashi Air currently not operating domestic air service

CHAPTER 1- INFORMATION SOCIETY

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

A. ICT and Telecommunication Development

Bhutan Telecom Limited (BTL), Tashi InfoComm Limited (TICL) and Drukcom are the three licensed Internet Service Providers (ISPs)⁵ in the country. 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, all other ISPs are private sector ventures.

Table 1. Key ICT indicators- as of December 2016

Sl. No.	Indicators	Number
1	Fixed line subscribers	21081
2	Cellular Mobile subscribers	698373
3	Internet subscribers ⁶ :	565557
	i. Lease line subscribers	964
	ii. Fixed Broadband subscribers	16247
	iii. GPRS/EDGE subscribers	7919
	iv. Mobile Broadband subscribers, of which:	540427
	a. 4G subscribers/users	5168
	b. 3G subscribers/users	535259
4	No. of Geogs with access to Mobile services	All 205 Geogs
5	No. of Dzongkhags head-offices with Fixed line and Mobile services	All 20 Dzongkhags

1.1. Fixed-Line Telephony

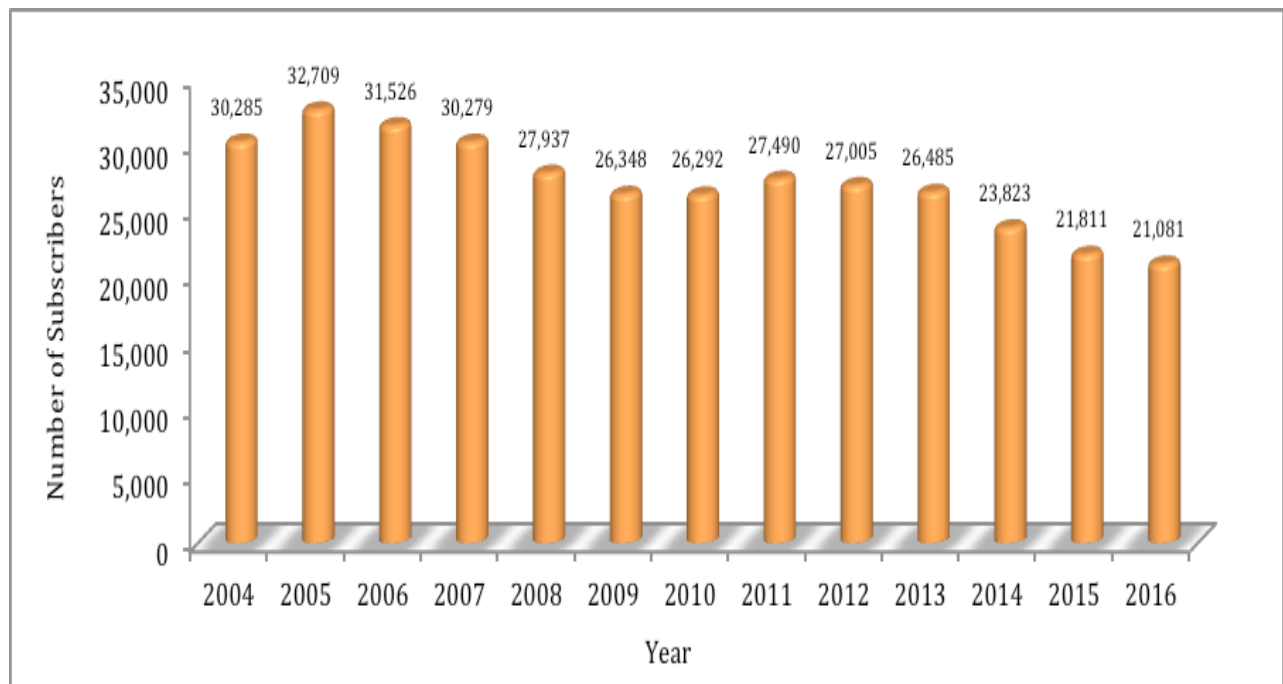
Fixed-line subscription is declining globally and same trend is happening in Bhutan. Fixed-line subscription peaked in 2005 with 32,709 subscribers and since then the number of subscribers kept declining with the number reaching 21081 as of December 2016. Fixed-telephone line subscriptions per 100 inhabitants⁷ stands at 2.67.

⁵ Samden Tech discontinued providing internet services

⁶ Dial up internet connection discontinued by all ISP providers

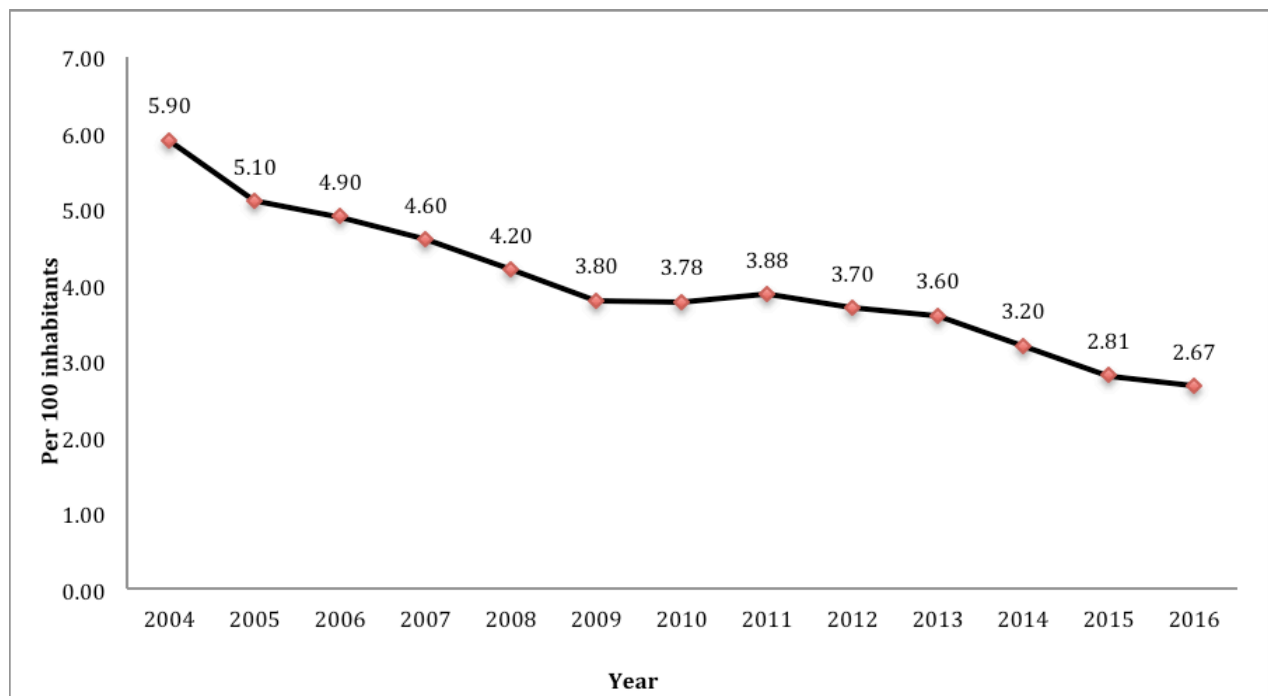
⁷ Total population of Bhutan as of 2016 December is taken as 789129 (NSB-estimates)

Chart 1: Yearly Fixed-telephone line subscriptions, 2004-2016



Source: Bhutan Telecom

Chart 2: Fixed-telephone line subscriptions per 100 inhabitants, Bhutan, 2004-2016



Source: Bhutan Telecom

Table 2: Fixed-telephone line subscriptions, by Dzongkhags, 2016

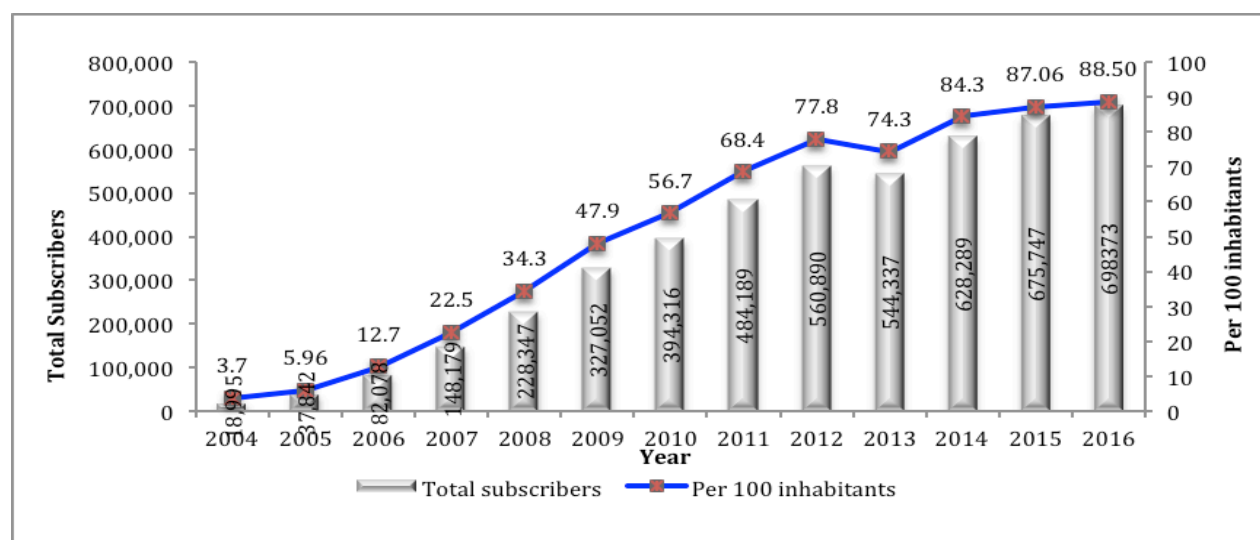
Sl.No	Dzongkhag	Connections (31/12/2016)	Sl.No	Dzongkhag	Connections (31/12/2016)
1	Thimphu	9,445	11	Tashi Yangtse	167
2	Punakha	424	12	Mongar	610
3	Wangduephodrang	734	13	Lhuntse	136
4	Gasa	65	14	Samdrupjonkhar	922
5	Paro	1,689	15	Pema Gatshel	211
6	Haa	301	16	Sarpang	1,031
7	Trongsa	380	17	Tsirang	224
8	Bumthang	503	18	Dagana	172
9	Zhemgang	300	19	Chukha	2,535
10	Trashigang	675	20	Samtse	557
Grand Total					21081

Source: Bhutan Telecom

1.2. Mobile Cellular Telephony

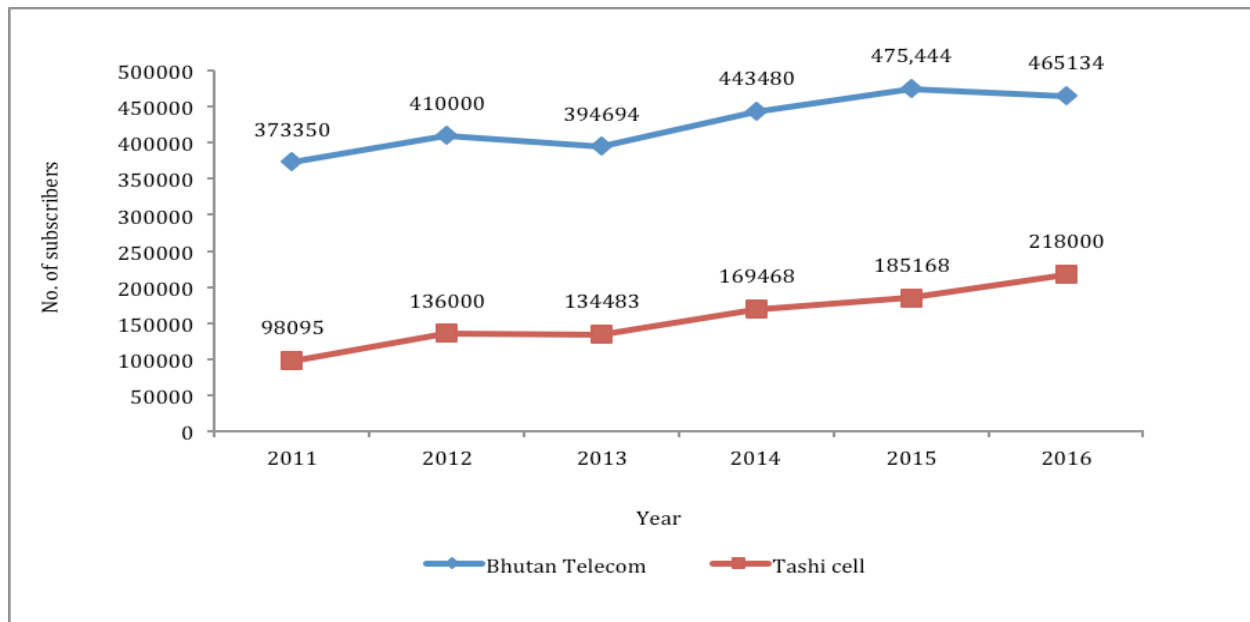
B-Mobile (Bhutan Telecom Ltd) and Tashi-Cell (Tashi Info-Comm. Ltd) mobile services are now available in all the 20 Dzongkhags. The two operators had a combined subscription base of 698373, i.e. an increase of 3.35 % from 2015. Of the total Mobile Cellular subscribers, B-Mobile had 475373 subscribers (or 68.07 % of market share) and Tashi-Cell had 223000 subscribers (or 31.93 % of market share). Consequently, Bhutan Telecom's market share decreased by 3.88 % and Tashi Cell's market share rose by 3.88 % in 2016.

Chart 3: Yearly Mobile Cellular subscriptions, 2004-2016



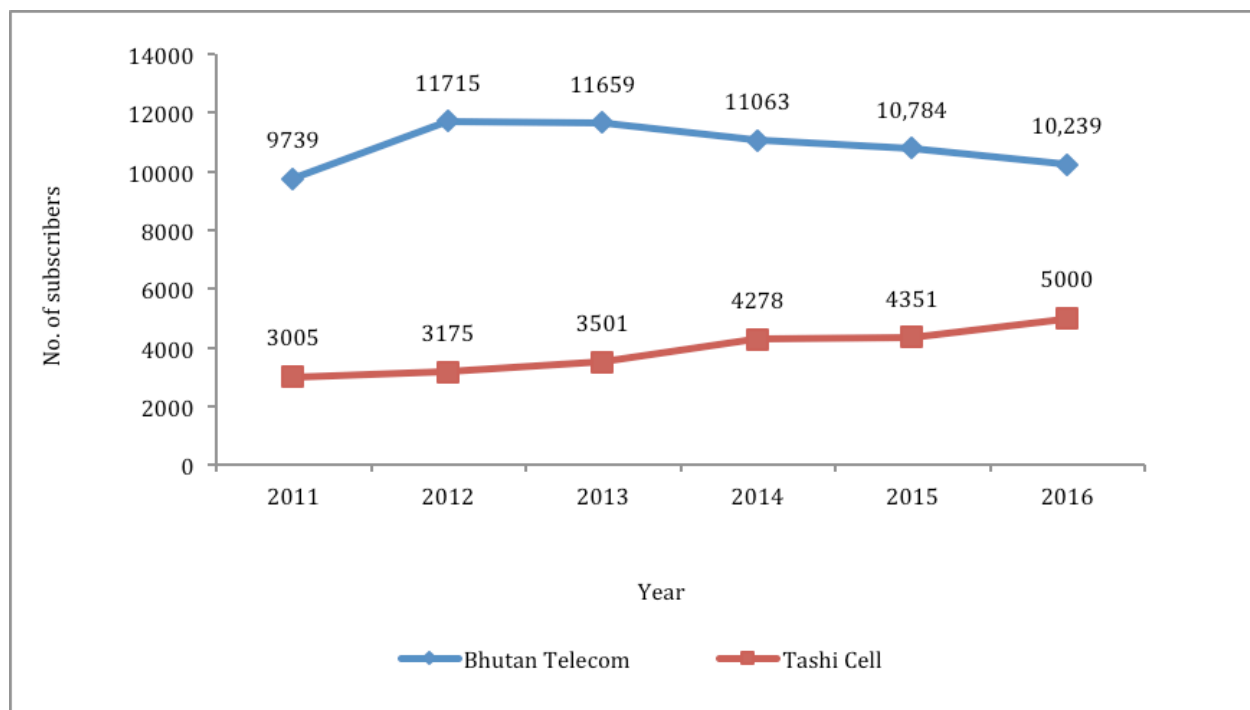
Source: Bhutan Telecom and Tashi Cell

Chart 4: Pre-paid mobile subscribers by operator, 2011-2016



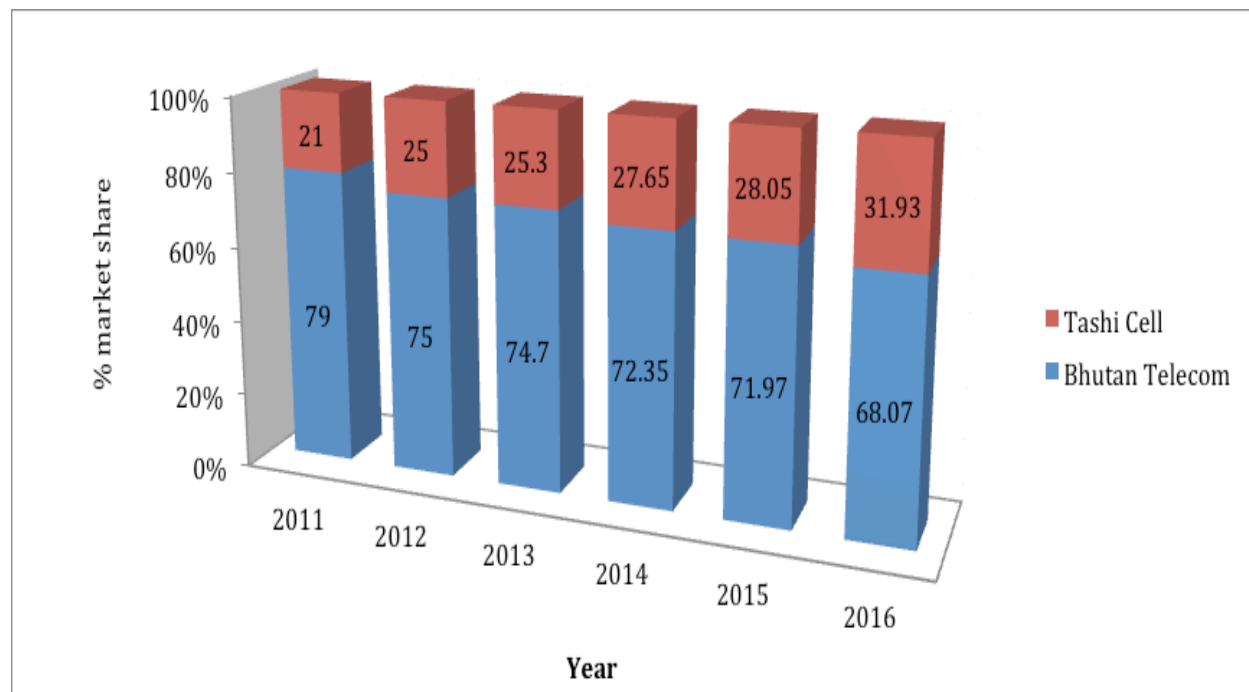
Source: Bhutan Telecom and Tashi Cell

Chart 5: Post-paid mobile subscribers by operator, 2011-2016



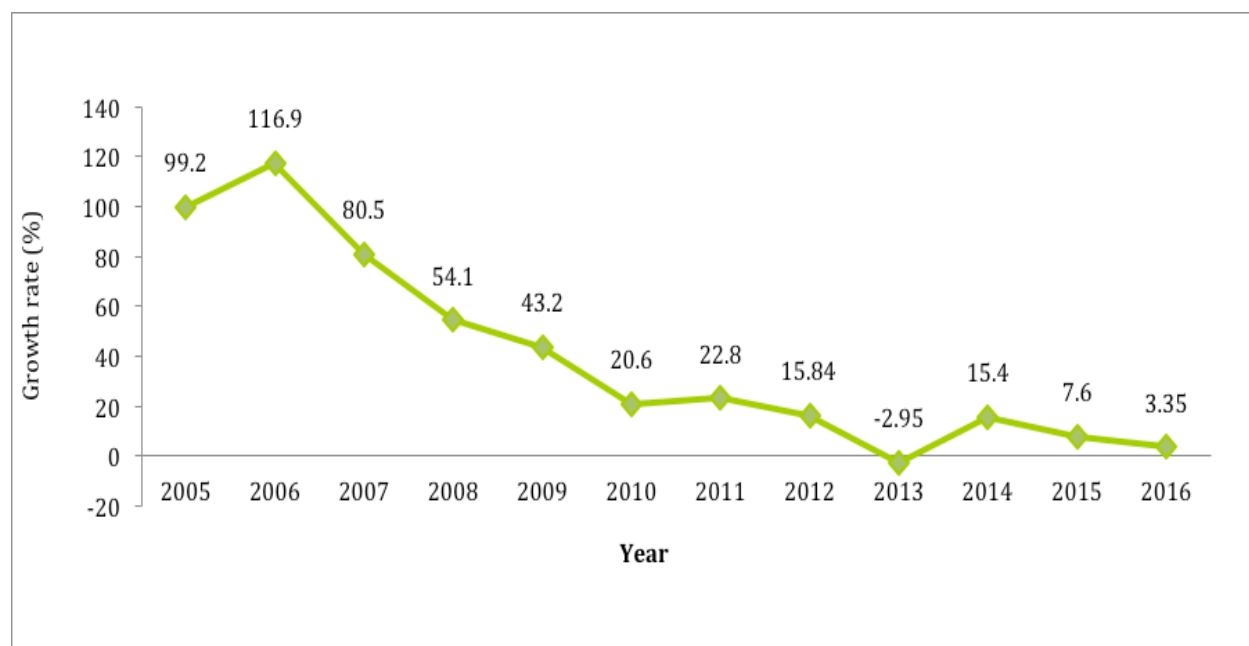
Source: Bhutan Telecom and Tashi Cell

Chart 6: Mobile subscriptions, by Market share and Operator, 2011-2016



Source: Bhutan Telecom and Tashi Cell

Chart 7: Yearly Mobile subscriptions growth/decrease rate, 2005-2016



Source: Bhutan Telecom and Tashi Cell

1.3. Internet Services

Druknet (Bhutan Telecom), Drukcom and Tashi-Cell (Tashi Info-Comm. Ltd.) are the three licensed Internet Service Providers (ISPs)⁸ in the country providing wide range of internet services as indicated below:

Table 3: Operators, service provided and coverage

Operators	Type of services provided	Coverage
Druknet, Bhutan Telecom Limited	Lease line	All 20 Dzongkhags
	Fixed broadband	Refer table 4 below
	EDGE/GPRS	All 20 Dzongkhags
	3G	All 20 Dzongkhags
	4G	Thimphu, Paro, Phuentsholing, Wangdue and Punakha
Tashi Cell	Leased Line	All 20 Dzongkhags (Depends on Line of Sight feasibility)
	EDGE/GPRS	All 20 Dzongkhags
	3G	All 20 Dzongkhags/
	4G	Thimphu, Paro, Phuentsholing, Wangdue and Punakha
DrukCom Pvt. Enterprise	Leased Line	Thimphu only
	Fixed broadband	Thimphu only

Source: Internet Service Providers (Bhutan)

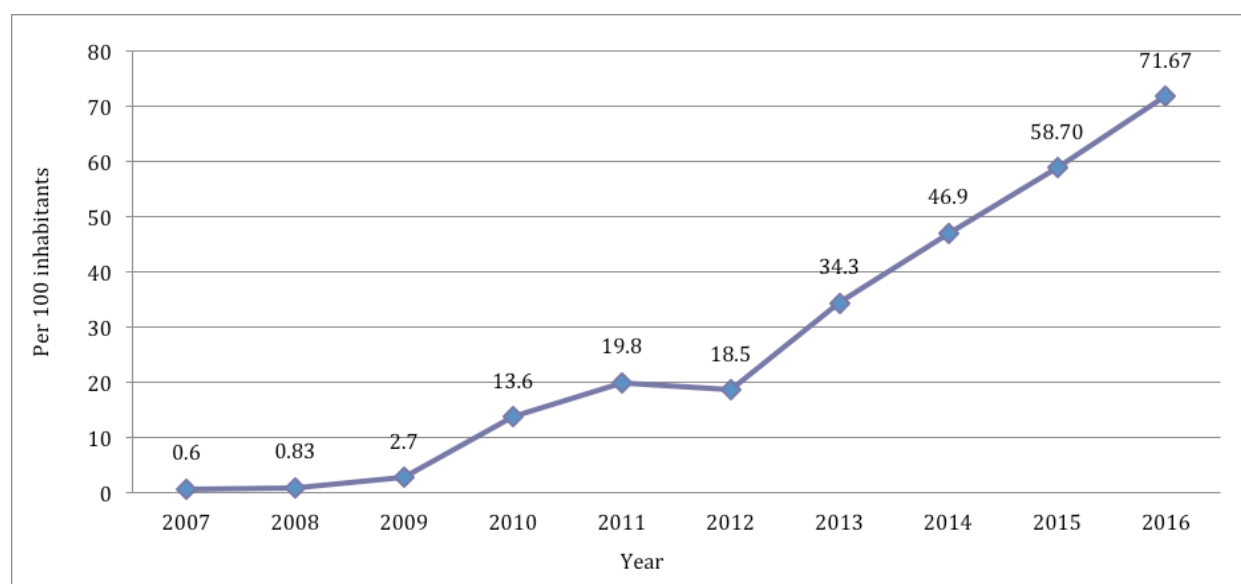
⁸ Samden Tech discontinued providing internet services

Region	Locations with BB Service
Western Region (Gasa, Haa, Paro, Punakha, Thimphu, Wangdue)	Thimphu, Satsam, Dechencholing, Punakha, Simtokha, Paro, Wangue, Haa, Lobesa, RTC, Khasadrapchu, Damthang, Gyenkhana, Gasa, Kamichu, Rurichu
South Western Region (Chukha, Phutsholing, Samtse)	Phuntsholing, Gedu, Pasakha, Tsimasham, Samtse, Gomtu, Chapcha, Chukha, Sipsu
Central Region (Bumthang, Sarpang, Trongsa, Tsirang, Zhemgang)	Damphu, Bumthang, Gelephu, Trongsa, Sarpang, zhemgang, Dagana, Dagapela, Chumey, Drujaygang, Tshangkha, Jigmecholing, Pangbang, Tingtibi
Eastern Region (Lhuntse, Mongar, Pema Gatsel, Samdrup Jongkhar, Trashigang, Trashy Yangtse)	Kanglung, Tashigang, Pema Gatsel, Samdrup Jongkhar, Mongar, Deothang, Trashy Yangtse, Khaling, Nganglam, Rangjung, Wamrong, Gyelposhing, Lhuntse, Drametse, Tsenkharla, Tsenkhari, Yongphula,

Year	Total number of subscribers
2007	4,040
2008	5,548
2009	18,542
2010	94,285
2011	139,896
2012	133,289
2013	251,441
2014	349,116
2015	455,656
2016	565,557

⁹ Only the actual numbers of Households/individual Internet subscribers of Bhutan Telecom, Tashi Cell and Drukcom are taken into account.

Chart 9: Internet subscriptions per 100 inhabitants, Bhutan, 2007-2016

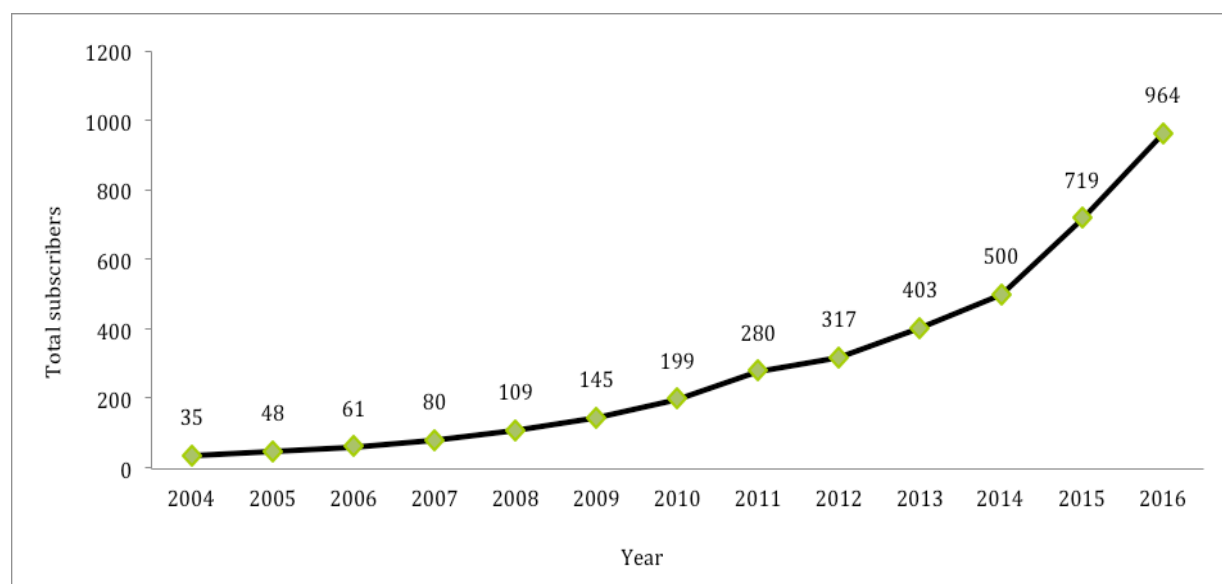


Source: *Source: Internet Service Providers (Bhutan)*

Types of Internet connections:

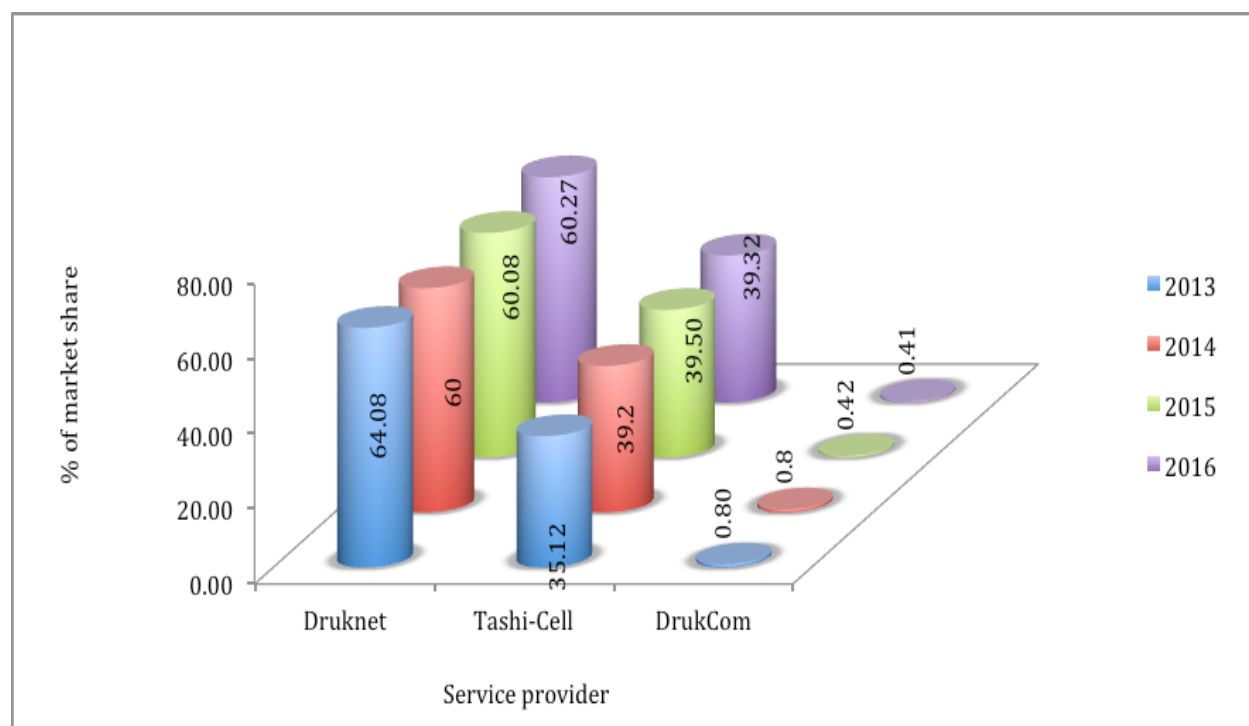
Lease Line Connection: Lease line subscription continues to grow at a steady rate despite the Mobile Broadband. 245 new Lease Line subscribers were added in 2016, taking the total number of Lease Line Household/Organization subscriptions to 964.

Chart 10: Lease-line subscriptions 2004-2016



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

Chart 11: Lease-line market share of ISPs, 2013-2016



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

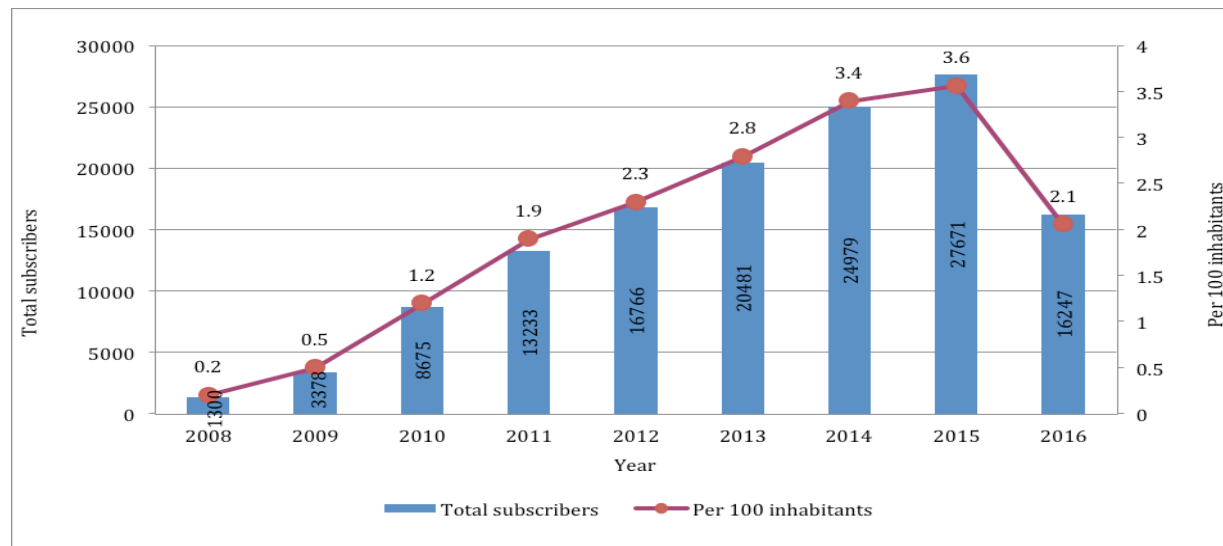
Broadband Connection

Broadband Internet services were first introduced in the country in 2008. Broadband connections are generally classified into two: Fixed (wired) Broadband and Mobile Broadband (3G and 4G):

Fixed (wired) Broadband:

Druknet (Bhutan Telecom) and Drukcom are the two ISPs providing Fixed (wired) Broadband Internet services in the country. Fixed (wired) Broadband services are generally provided through ADSL or Fiber Optic. In 2016, Fixed (wired) Broadband Internet subscriptions decreased to 16247 i.e. decrease of 41.29% or 11424 subscribers less than 2015. The decrease in Fixed (wired) Broadband Internet subscriptions can be attributed to increase in mobile broadband coverage. Currently Fixed (wired) Broadband subscribers per 100 inhabitants in the country stand at 2.1.

Chart 12: Yearly Fixed (wired) Broadband subscriptions, 2008-2016

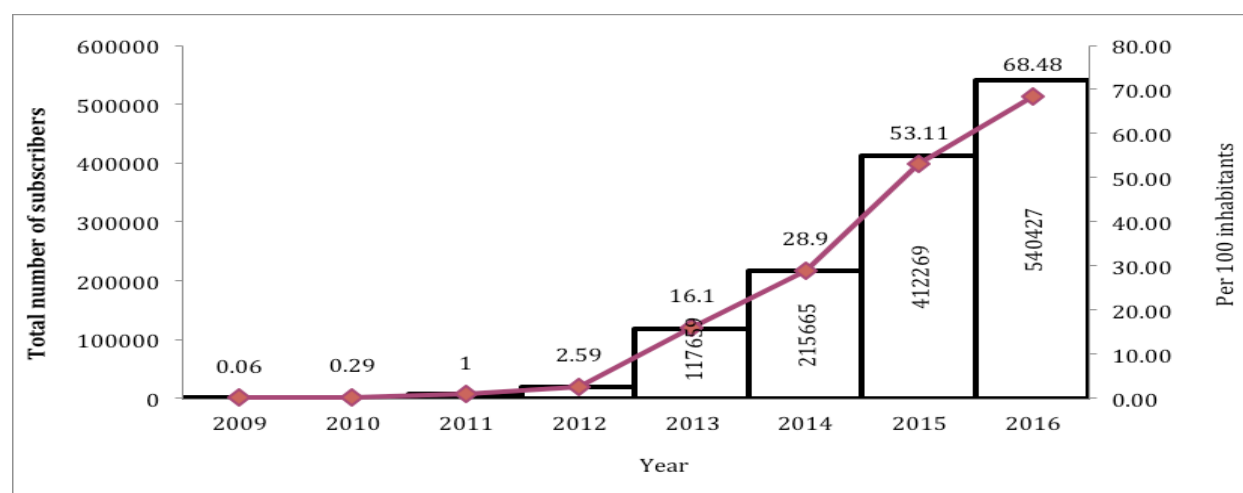


Source: Druknet (Bhutan Telecom) and Drukcom

Mobile Broadband:¹⁰

Mobile Broadband connections are generally classified as those connections having 3G or 4G connections. Mobile Broadband subscriptions in 2016 have reached 540427, 31.09% increase over the total number of subscribers in 2015. The mobile broadband subscription per 100 inhabitants in the country stands at 68.48.

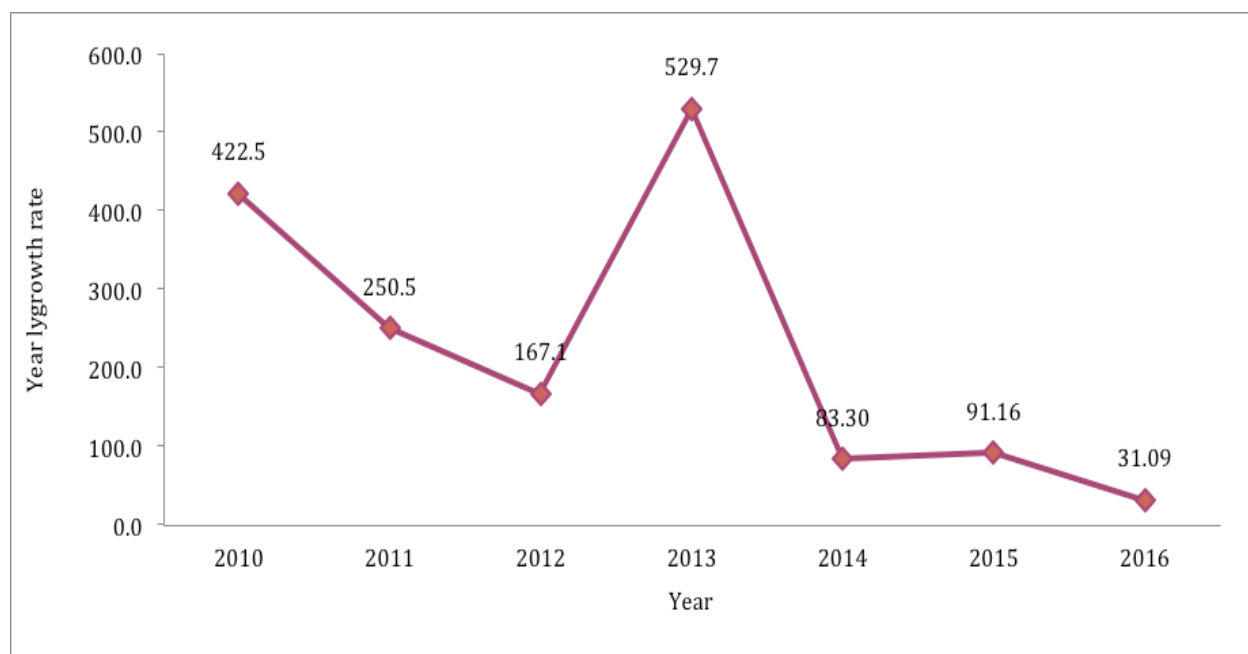
Chart 13: Yearly Mobile Broadband subscriptions, 2009-2016



Source: Druknet (Bhutan Telecom), Tashi Cell

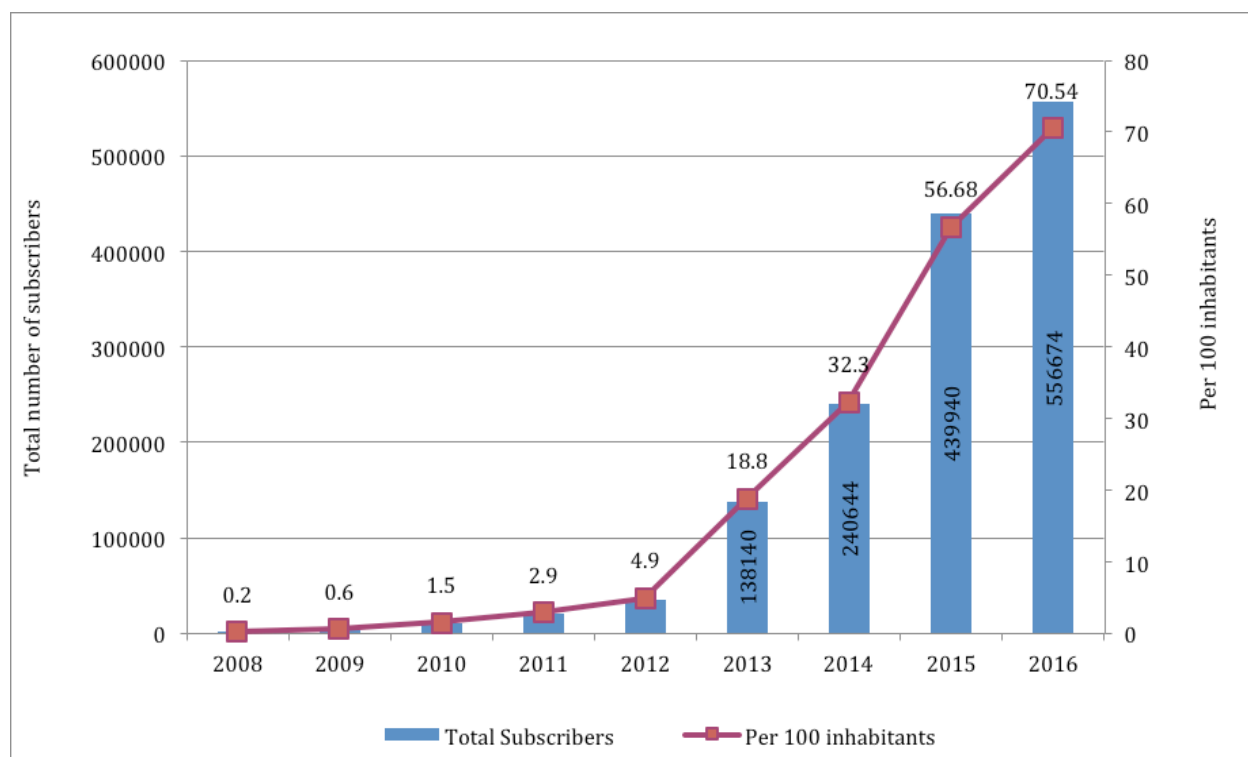
¹⁰ Refers to all devices such as mobile phone, laptops, tablets and others which have 3G/4G internet connections

Chart 14: Yearly Mobile Broadband subscriptions growth rate, 2010-2016



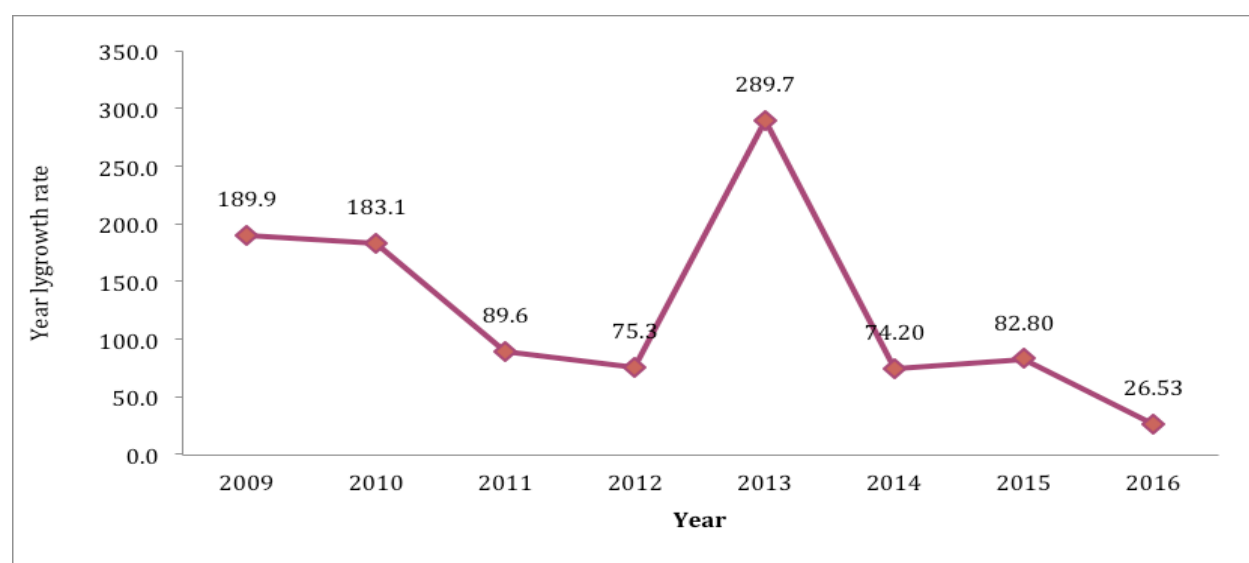
Source: Druknet (Bhutan Telecom), Tashi Cell

Chart 15: Total Broadband subscriptions (Fixed -wired & Mobile), 2008-2016



Source: Internet Service Providers (Bhutan)

Chart 16: Total broadband (Fixed -wired & Mobile) growth/decrease rate, 2009-2016



Source: Source: Internet Service Providers (Bhutan)

B. Basic Postal Infrastructure Information

The Postal Service in Bhutan was 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. It was called the Department of Posts and Telegraphs and placed under the Ministry of Communications. This was the initial step taken by the Royal Government to provide a uniform means of communication throughout the country. In 1996 Bhutan Post became autonomous Commercial Corporation¹¹. Today, the Postal network consists of 4 General office, 36 Post offices and 34 Community mail Offices providing postal and other services.

Table 5: Postal Infrastructure, 2008-2016 Bhutan

Postal Infrastructures	2008	2009	2010	2012	2013	2014	2015	2016
General Post Offices ¹²	2	2	4	4	4	4	4	4
Post Offices ¹³	41	41	40	39	40	40	36	36
Community Mail Offices ¹⁴	47	32	30	41	30	30	35	34
Total	90	75	74	84	74	74	75	74

Source: Bhutan Postal Corporation Ltd.

¹¹ Bhutan Post website

¹² General Post Offices covers- Thimphu, Gelephu, Phuentsholing and Samdrupjongkhar

¹³ Post Offices Covers- Dzongkhags, Dungkhags and few Satellite towns

¹⁴ Community Mail Offices covers- Dungkhags and Gewogs

Table 6: Services provided by Bhutan Post

Categories	Services
Domestic Mail	Express Mail Service
	Parcel
	Registered Mail
	Ordinary Mail
	Urgent Mail
	Newspaper
	Facsimile message
International Mail	Express Mail Service
	Parcel
	FedEx
	Registered mail
	Ordinary mail
	Post Overnight Courier
	Facsimile message
Financial Service	Western Union Money Transfer
	Domestic Fax Money Order
	Electronic Money Order to India
	Pension Payment
Philately	Philatelic Stamps Postage Stamps
	Stamp Pack
	Postage Stamps
	Personalized Stamps
	Revenue and Judicial Stamps
	First day cover
	Stamp album
	Post cards
	Tee-shirt, magnets and cups
Passenger Transport Service	Thimphu to Phuentsholing and vice versa (daily)
	Phuentsholing to Kolkata and vice versa (Thrice a week)
Postal Museum	
Cargo and Customs Clearance from Phuentsholing	

Source: Bhutan Postal Corporation Ltd.

C. Media Profile: Current scenario

Print media in Bhutan comprises mainly of newspapers, magazines and other similar publications. Currently, there are 11 licensed newspapers in the country including Bhutan Observer, which is limited to online version only. There are 8 licensed Radio Broadcasters, including BBS (Bhutan Broadcasting Service) – a state owned broadcaster, which also provides television services.

1.4. Print Media

Table 7: Different newspapers and their 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 Observer	2 nd June, 2006	Published Weekly (Friday) in bilingual. Print version discontinued since 1 st August 2013	Now limited to online version only,
Bhutan Today	30 th October, 2008	Bi-weekly (Thursday & Sunday)	
Business Bhutan	26 th September, 2009	Weekly (Saturday)	
The Journalist	20 th December, 2009	Weekly (Sunday)	
Druk Nyetshuel	29 th August, 2010	Weekly (Saturday)	
Druk Yoedzer	19 th February, 2011	Weekly (Saturday)	
Gyalchi Sharshog	12 th November, 2011	Weekly (Sunday)	
The Bhutanese	21 st February, 2012	Weekly (Saturday)	
Druk Melong	20 th May, 2012	Weekly (Saturday)	
Bhutan Youth	21 st February, 2012		License terminated in 2014

Source: MoIC

1.5. Radio Broadcasters

Table 8: List of radio broadcasters

Name of Radio broadcaster	Started/lunched	Coverage	Remarks
Bhutan Broadcasting Services (BBS)	November, 1973	Nation wide	Additional channel (exclusive for Dzongkha) launched on 21 st February, 2013
Kuzoo FM	1 st September, 2006	Nation Wide	Two channels (Dzongkha and English)
Radio Valley	12 th April, 2007	Thimphu	
Centennial Radio	21 st September, 2008	Thimphu	
Sherubtse Community Radio	8 th May, 2009	On Campus	
Radio High	5 th August, 2010	-	Off Air
Radio Wave	12 th October, 2010	-	Off Air
Yiga Radio	17 th December, 2013	Thimphu	

Source: MoIC

1.6. Magazines

Table 9: List of magazines and their frequencies

Name of Newspaper	Started/lunched	Frequency of publication	Remarks
Yewong	1 st September, 2011	Tri-Annual	
Druk Trowa	November 2009	-	Discontinued
Student Digest	October 2010	-	Discontinued
Bhutan Timeout	4 th April 2012	Bi- Annual	
Voyager	9 th August 2014	Quarterly	
The Raven	2012	Monthly	Last published in 2014

Source: MoIC

1.7. Television Network

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

Table 10: Existing Television network stations, owned & operated by BBS, 2016

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	Samdrupjongkhar	1
4	Gasa	1	14	Thimphu	2
5	Haa	1	15	Trongsa	1
6	Lhuntse	3	16	Trashigang	3
7	Monggar	1	17	Trashigang	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)

1.8. Cable Television Services

In addition to BBS channels 1 & 2, international television channels are broadcasted through the cable television (CATV) operators.

Table 11: Cable Television Operators, Bhutan, 2016

SL. No	List of Cable Operator		
1	M/S Gurung Cable Network	33	M/s Yoezer Cable
2	M/s Tshering Cable,	34	M/S Dawa Cable Service
3	M/S Namkhair Cable Service	35	M/s Tshochay Cables
4	M/s TC Cable Service	36	M/s Nima Cable Network
5	M/s Tshodak Cable	37	M/s EthoMetho Cable Service
6	M/s Yeshe Darjeeling Cable	38	M/s S.C Cable Service
7	M/S PhuntshoNgaden Cable,	39	M/S T and T Cable
8	M/s Kinga Cable Service	40	M/s TsheringNorbu Cable
9	M/S Tee Dee Cable	41	M/s SonamDhendup Cable

10	M/s GakiPhuntsho Cable Service	42	M/S TT Cable Service
11	M/s Dragon Cable Service	43	M/S Punab Cable
12	M/s USD Cable Service	44	M/s NamselNorbu Cable Service
13	Migma Cable, Mendeygang	45	M/s N.P Cable Service
14	M/s RC Cable Service	46	M/s Nakchung Cable Service
15	M/S Nima Cable Service	47	M/s Damnyen Cable Service
16	M/s Kuenphen Cable Services	48	M/S Yuden Cable Service
17	M/s UphelPelring Cable Services	49	M/s Tshela Cable Service
18	M/s TashiWangmo Cable	50	M/S J Choda Cable
19	M/s Deojung Cable Service	51	M/s Norling Cable TV
20	M/s CT Cable	52	M/s Cable Sat Club
21	M/s Damchen Cable Service	53	M/s Lekey Cable Network
22	M/s S.Tcable Service	54	M/s Kharung Cable TV Network
23	M/s Yiwong Cable Service	55	M/s Karma Cable
24	M/s Kalikhola Cable Service	56	M/s SNS Cable Network
25	Ms/s Anjan& Bro Cable	57	M/s Sigma Cable Service
26	M/s Dawa Cable Network	58	M/s T.D Cable Network
27	M/s Yoedsel cable Service	59	M/s SKD Cable TV Service
28	M/s D.D Cable Service	60	M/s R.G Cable Service
29	M/s Nima Cable	61	M/s J.N Cable Service
30	M/s Phakpa Cable Service	62	M/s Kezang Cable
31	M/S TD Metho Cable	63	M/s K.R Cable TV Service
32	M/s TashiRabten Cable Network		

Source: Bhutan Info-Comm. and Media Authority

CHAPTER 2 – AVIATION AND SURFACE TRANSPORT

A. Civil Aviation

2.1. Airlines, Aircraft and route

Table 12: Airlines in Bhutan, by History, Aircraft fleet and 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 - 1 (with seating capacity of 48 passengers). 	<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
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 122) 	<ul style="list-style-type: none"> - Bangkok, Thailand via Kolkata, India - Kathmandu, Nepal - Gaya - Delhi 	<ul style="list-style-type: none"> - 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 passenger and 1 pilot 	-	<ul style="list-style-type: none"> - Non-schedule flights. -Emergency services- medical evacuations and fire fighting.

Source: Department of Air Transport & RBHSL

2.2 Airline Crew Statistics

Table 13: Airline Crew statistics, by Airline, 2016

Crew	Drukair	Tashi Air	Royal Bhutan Helicopter Services
Bhutanese Captain	6	6	0
Expatriate Captain	7	0	2
Senior First Officer	1	1	0
First Officer	9	1	0
Expatriate First Officer	0	2	0
Trainee Pilot	3	2	3
Total	26	12	05

Source: Department of Air Transport

2.3 Airport Details

Table 14: Airport statistics by Airline, 2016

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	Yonphula	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

2.4 Helipads¹⁵

Table 15: Number of Helipad and associated details

Sl. No	Dzongkhag	Location name	No. of Helipad	Sl. No	Dzongkhag	Location name	No. of Helipad	
1	Bumthang	Bumthang	2	12	Samtse	Samtse	6	
		Kakthang				Duktengang		
2	Chukha	Phuentsholing	4					Tendu
		Chimakoti				Sibsoo		
		Chapcha				Gomtu		
		Sinchinajal (Tala)				Chamchu		
3	Dagana	Dagana	1	13	Samdrup Jongkhar	Samdrup Jongkhar	7	
4	Gasa	Gasa	2					Deothang
		Lunana						Diafam
5	Haa	Haa	4					Nanglam
		Damthang				Bhangtar		
		Takha				Samrang		
		Sarithang				Manas		
6	Lhuentse	Lhuntse	3	14	Thimphu	Thimphu (Lungtenphu)	3	
	Tangmachu	Thimphu						
	Takpong	Lingshi Makang						
7	Monggar	Mongar	4	15	Trashigang	Tashigang	5	
		Singur				Tobrang		
		Gyelposhing				Saktang		
		Kheng-yanmari				Kanglung		

¹⁵ Helipads in this context mean areas where a helicopter can land and not necessarily black topped surface especially dedicated for helicopter operation

8	Paro	Gunichawa	3			Yonphula	
		Sooe		16	Trash Yangtse		0
		Chekha		17	Tsirang	Tsirang	2
9	Punakha	Punakha	3			Goshi	
		Takshikha		18	Trongsa	Trongsa	1
		Koina		19	Wangdue Phodrang	Wangdi Phodrang	1
10	Pema Gatshel		0	20	Zhemgang	Zhemgang	2
11	Sarpang	Gelephu	8			Panbang	
		Batasu		Grand Total			61
		Beteni					
		Kalikhola					
		Sarpang					
		Gongkhula					
		Piping					
		Hatisar (Lodrai)					

Source: Department of Air Transport

2.5 International Air Services

Table 16: Routes and Destination country

Points/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, 1986	
Yangon, Myanmar	6 th January, 1997	Suspended since 15 th December, 2004
Singapore	1 st September, 2012	

Source: Department of Air Transport

2.6. International Air Passengers

The national airline Drukair and the country's first privately owned airline Tashi Air, together carried 340528 international air passengers in 2016, an increase of 16 % compared to 2015.

Table 17: International Air Passenger flow, by Airline and Sector, 2016

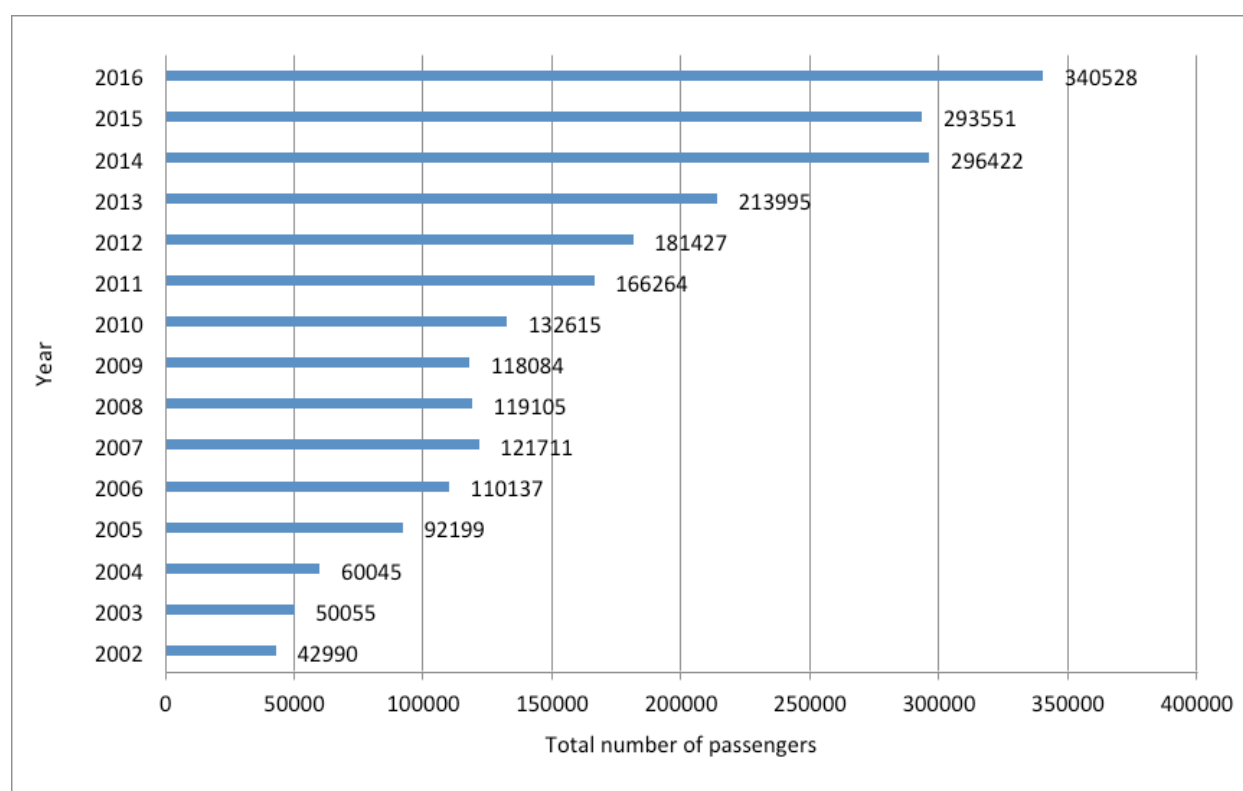
Sector	Drukair	Tashi Air	Sub-Total
From Paro to			
New Delhi	23684	8620	32304
Bangkok	27573	20201	47774
Kathmandu	13912	6354	20266
Kolkata	13908	11741	25649
Gaya	1353	209	1562
Dhaka	7907	0	7907
Bagdogra	1771	0	1771
Guwahati	1600	0	1600
Singapore	6170	0	6170
Mumbai	915	0	915
Siem Reap	0	0	0
Doha	0		0
Sub-Total	98793	47125	145918

To Paro from			0
New Delhi	24481	7509	31990
Bangkok	27851	19739	47590
Kathmandu	13898	5819	19717
Kolkata	13374	10755	24129
Gaya	777	53	830
Dhaka	7993	0	7993
Bagdogra	2141	0	2141
Guwahati	1638	0	1638
Singapore	6110	0	6110
Mumbai	915	0	915
Yangon	0	0	0
Siem Reap	0	0	0
Doha	0	0	0
Sub-Total	99178	45875	145053
Other connecting sectors:			
Kathmandu – New Delhi	1601	0	1601
New Delhi- Kathmandu	736	0	736
Gaya- Bangkok	399	208	607
Bangkok-Gaya	486	289	775
Dhaka- Bangkok	0	0	0
Bangkok- Dhaka	0	0	0
Bagdogra- Bangkok	2513	0	2513
Bangkok-Bagdogra	2009	0	2009
Guwahati-Bangkok	2003	0	2003
Bangkok- Guwahati	1577	0	1577
Kolkata-Singapore	5734	0	5734

Singapore-Kolkata	5356	0	5356
Kolkata-Bangkok	1926	12145	14071
Bangkok-Kolkata	3571	11004	14575
Sub-Total	27911	23646	51557
Grand Total	225882	114646	340528

Source: Druk Air & Tashi Air

Chart 17: Annual International Air Passenger Flow (International Routes), 2002-2016



Source: Druk Air & Tashi Air

2.7. Domestic Air Services

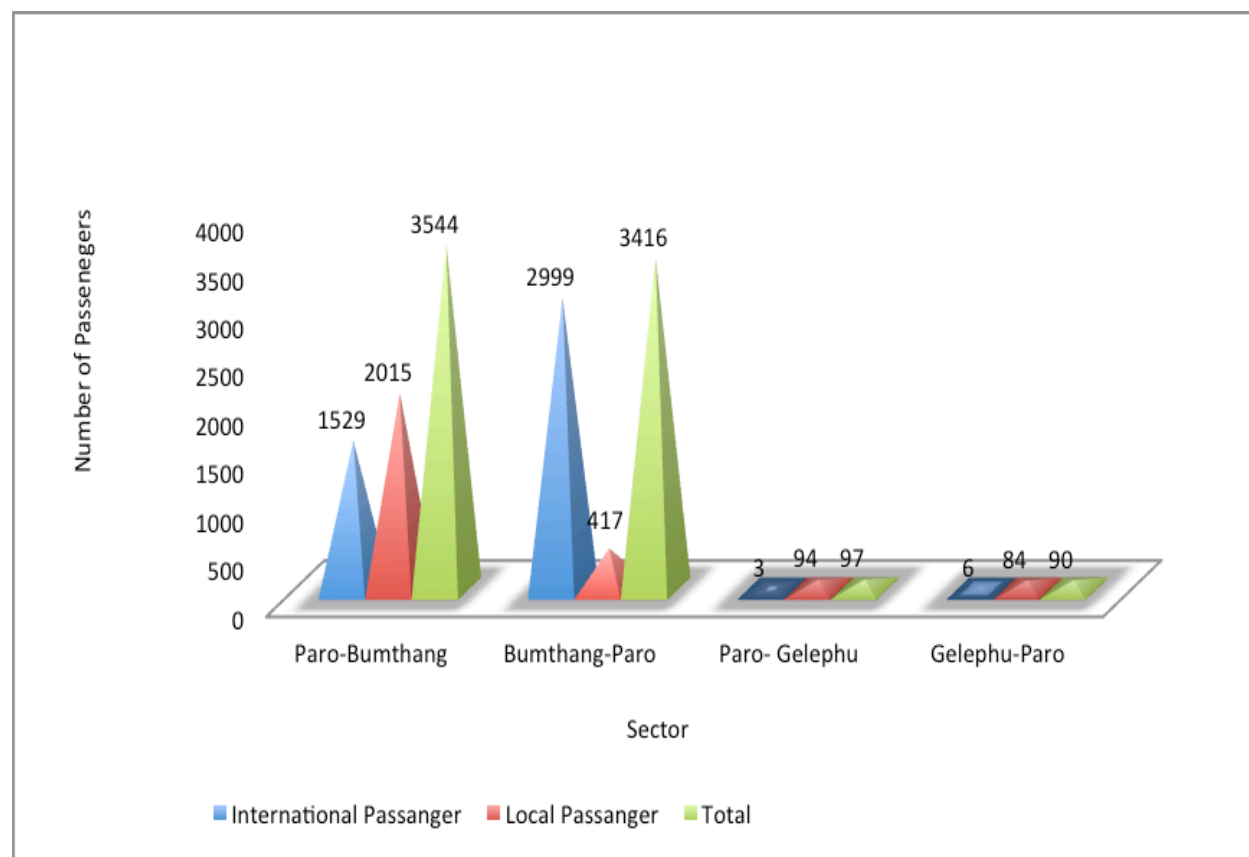
Domestic Air Service in Bhutan started on 17th December, 2011 with flights to Bumthang and Yonphula followed by Gelephu on 25th October, 2012. Drukair and Tashi Air are currently the since May 2012. Further, scheduled flight to Yonphula is suspended due to the ongoing up-gradation works at the domestic airport.

Table 18: Domestic sector passenger flow and number of flight, 2015 & 2016

Sector	International passengers		Local passengers		Total Passengers		Number of Flights	
	2015	2016	2015	2016	2015	2016	2015	2016
Paro-Bumthang	1196	1529	836	2015	2032	3544	143	178
Bumthang-Paro	2592	2999	8	417	2600	3416	143	178
Paro- Yonphula	0	0	0	0	0		0	0
Yonphula- Paro	0	0	0	0	0		0	0
Paro- Gelephu	0	3	33	94	33	97	3	31
Gelephu-Paro	0	6	11	84	11	90	3	31
Total	3788	4537	888	2610	4676	7147	292	418

Source: Department of Air Transport

Chart 18: Passenger flow by Sector and type 2016



Source: Department of Air Transport

2.8. Helicopter Services

Table 19: Helicopter Services and number of flight in 2016

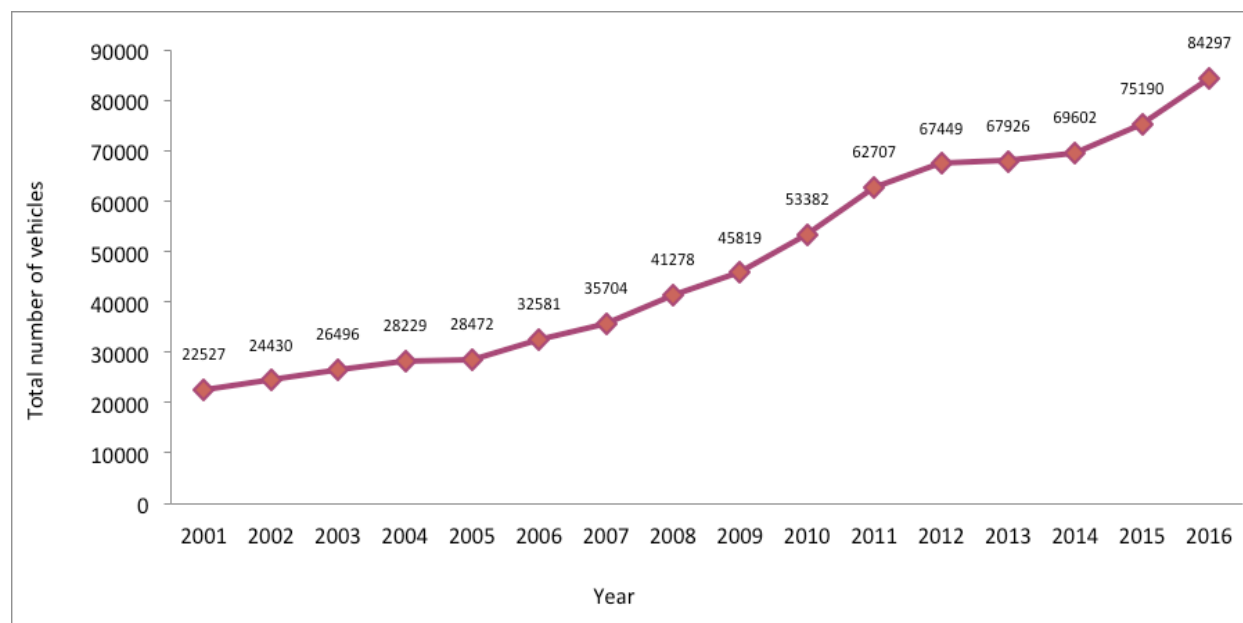
Type of services	NO. OF FLIGHTS
Medical evacuations	133
Fire Fighting	06
Airlifting of relief materials during the flood	4
Aerial Works	45
Tourist Charter	121
Local Charter	117
Local charter- Highlanders	37

B. Surface Transport

2.9. Motor Vehicle growth trend

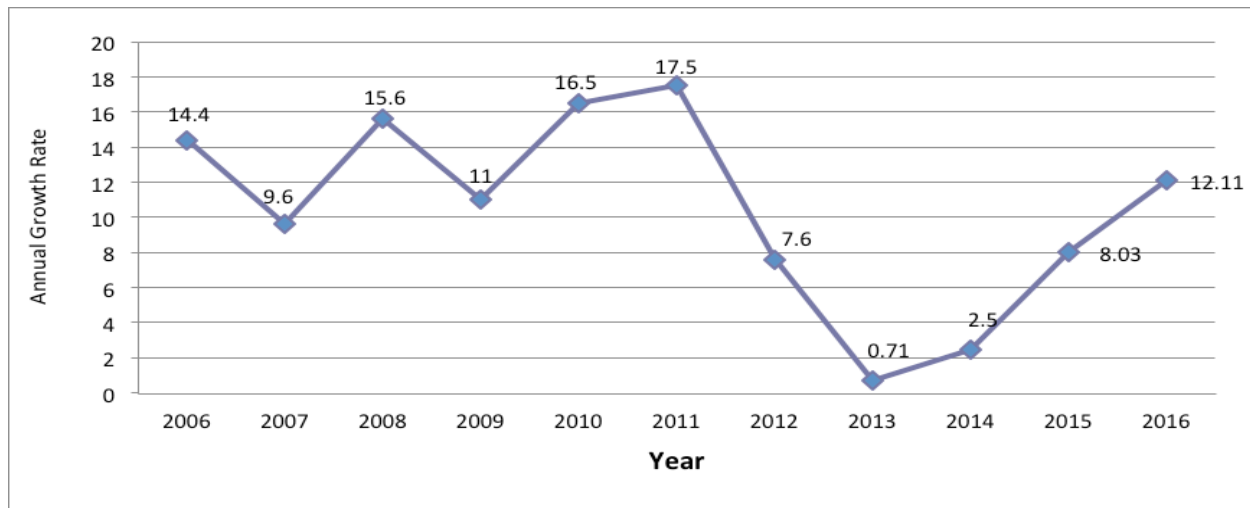
Total number of vehicles in the country as of December 2016 reached 84297 compared to 75190 vehicles in 2015, which 12.11 % increase over last one year.

Chart 19: Vehicle Growth Trend, 2001-2016



Source: Road Safety and Transport Authority

Chart 20: Annual Vehicle Growth Rate, 2006-2016



Source: Road Safety and Transport Authority

Table 20: Total number of vehicles, by Year and Type, 2001-2016

Year	Category									Total vehicles
	Heavy	Medium	Light	Two wheeler	Taxi	Power Tiller	Tractor	EME	Other	
2001	2863	697	9915	8165	201	n.a	n.a	408	278	22527
2002	2747	770	10199	8371	1423	n.a	n.a	464	456	24430
2003	4841	308	11575	7507	1560	n.a	n.a	321	384	26496
2004	4345	n.a	12425	7707	1682	n.a	n.a	1682	388	28229
2005	4352	n.a	14365	6703	2050	n.a	n.a	511	491	28472
2006	4176	343	17355	7903	2038	79	109	555	23	32581
2007	4547	467	19798	7458	2218	109	474	633	n.a	35704
2008	4624	659	24244	7734	2511	151	611	744	n.a	41278
2009	5198	786	27145	8027	2859	692	183	929	n.a	45819
2010	6568	1007	31162	8820	3599	756	210	1260	n.a	53382
2011	7996	1261	36150	9434	4856	1030	278	1702	n.a	62707
2012	8443	1330	39254	9739	5354	1128	283	1918	n.a	67449

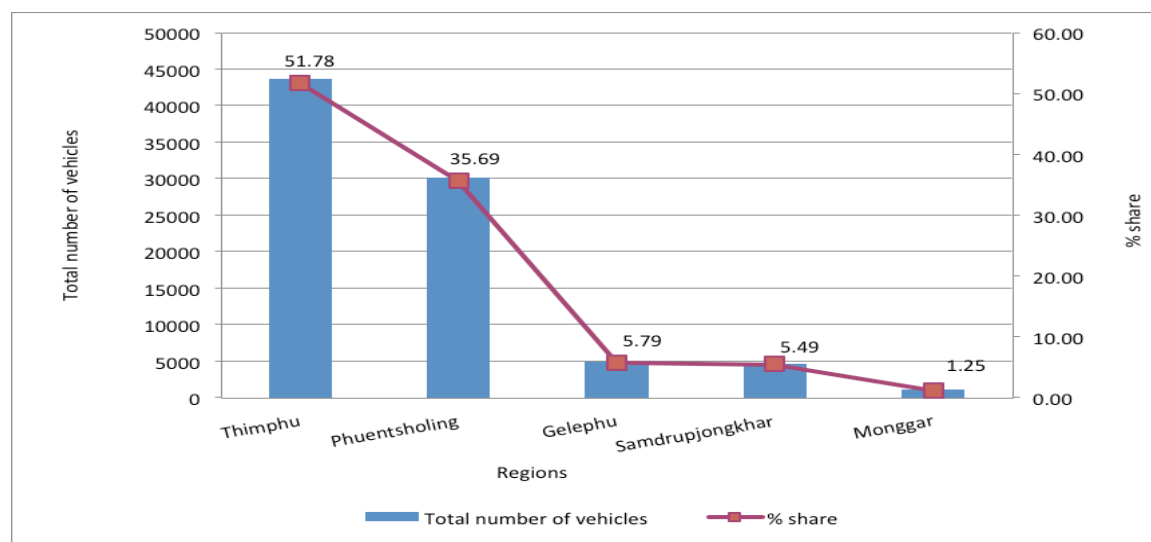
2013	8544	1347	39596	9750	5191	1209	318	1971	n.a	67926
2014	8474	1392	41924	9988	4109	1381	329	2005	n.a	69602
2015	8566	1482	47734	8978	3939	1715	384	2208	184	75190
2016	9480	1605	54280	9641	4228	1944	421	2595	103	84297

Source: Road Safety and Transport Authority

2.10. Vehicle Distribution and Ownership pattern, 2015

In terms of vehicle distribution, 51.78% of total vehicles are registered under Thimphu¹⁶ region, 35.69% under Phuentsholing¹⁷ region, 5.79% under Gelephu¹⁸ region, 5.49% under Samdrupjongkhar¹⁹ region and 1.25% under Monggar region²⁰.

Chart 21: Total number of Vehicles, by Region and % Share, 2016



Source: Road Safety and Transport Authority

¹⁶ Covers six Dzongkhags: Thimphu, Paro, Haa, Wangdue, Punakha and Gasa

¹⁷ Covers two Dzongkhags: Chhukha and Samtse

¹⁸ Covers six Dzongkhags: Gelephu, Zhemgang, Trongsa, Bumthang, Tsirang and Dagana

¹⁹ Covers two Dzongkhags: Samdrupjongkhar and Pema Gatshel. Since August 2014, Trashigang, Trashy 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.

²⁰ Started functioning since August 2014 and will cover four Dzongkhags: Monggar, Trashigang, Trashy 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.

Table 21: Total number of registered Vehicles, by Region and % Share, 2012-2016

Region	Total number of vehicles					% share of registered vehicles				
	2016	2015	2014	2013	2012	2016	2015	2014	2013	2012
Thimphu	43652	38760	36796	36130	35965	51.78	51.55	52.9	53.2	53.3
P/ling	30082	27558	25196	24578	24416	35.69	36.65	36.2	36.2	36.2
Gelephu	4885	4064	3407	3172	3102	5.79	5.40	4.9	4.7	4.6
S/Jongkhar	4627	4329	4103	4046	3966	5.49	5.76	5.9	5.96	5.9
Monggar	1051	479	100	0	0	1.25	0.64	0.1	0.0	0
Total	84297	75190	69,602	67,926	67,449	100	100	100	100	100

Source: Road Safety and Transport Authority

Table 22: Vehicles owned by Government and Public Sector Corporations, 2001-2016

Year	Category									Total
	Heavy	Medium	Light	Two Wheeler	Power Tiller	Tractor	EME	Taxi	Other	
2001	618	193	1262	467	0	0	126	0	0	2666
2002	490	189	1234	560	0	0	131	0	0	2604
2003	692	78	1176	484	0	0	63	0	0	2493
2004	871	0	1267	506	0	0	63	0	0	2707
2005	952	0	1472	640	0	0	127	0	0	3191
2006	922	72	1517	1277	3	69	156	0	15	4031
2007	914	108	1604	715	30	13	168	0	0	3552
2008	903	139	1820	806	40	16	173	0	0	3897
2009	952	170	2000	839	40	17	192	0	0	4210
2010	992	192	2133	1047	43	17	198	0	0	4622
2011	1099	211	2278	1406	56	21	238	0	0	5309
2012	1132	226	2531	1460	58	21	241	0	0	5669
2013	1176	226	2510	1463	58	89	250	0	0	5772
2014	1176	231	2572	1454	162	91	253	0	0	5939
2015	1185	238	2512	1400	333	113	266	0	184	6231
2016	1237	259	2654	1417	388	119	278	0	29	6381

Source: Road Safety and Transport Authority

Table 23: Vehicles owned by Private Organizations/Individuals, 2001-2016

Year	Category									Total
	Heavy	Medium	Light	Two Wheeler	Power Tiller	Tractor	EME	Taxi	other	
2001	2244	505	7515	5989	0	0	282	1199	201	17935
2002	2255	581	8837	7811	0	0	333	1423	381	21621
2003	2799	230	10252	7023	0	0	258	1560	356	22478
2004	3474	0	11371	7201	0	0	258	1682	356	24342
2005	3400	0	12790	5998	0	0	382	2050	312	24932
2006	3236	271	15739	6626	76	40	399	2038	8	28433
2007	3633	359	18069	6743	79	460	465	2218	0	32026
2008	3721	520	22297	6928	111	595	561	2511	0	37244
2009	4246	616	25018	7180	143	675	737	2859	0	41474
2010	5576	815	28898	7769	167	739	1062	3599	0	48625
2011	6897	1050	33737	8023	222	1009	1478	4856	0	57272
2012	7311	1104	36588	8274	225	1107	1677	5354	0	61640
2013	7368	1121	36973	8282	1151	229	1721	5191	0	62036
2014	7298	1161	39252	8529	1219	238	1752	4109	0	63558
2015	7381	1244	45222	7578	1382	271	1942	3939	0	68959
2016	8243	1346	51541	8223	1556	302	2317	4228	74	77830

Source: Road Safety and Transport Authority

Table 24: Total number of Vehicles- by Region, Type and Ownerships, 2016

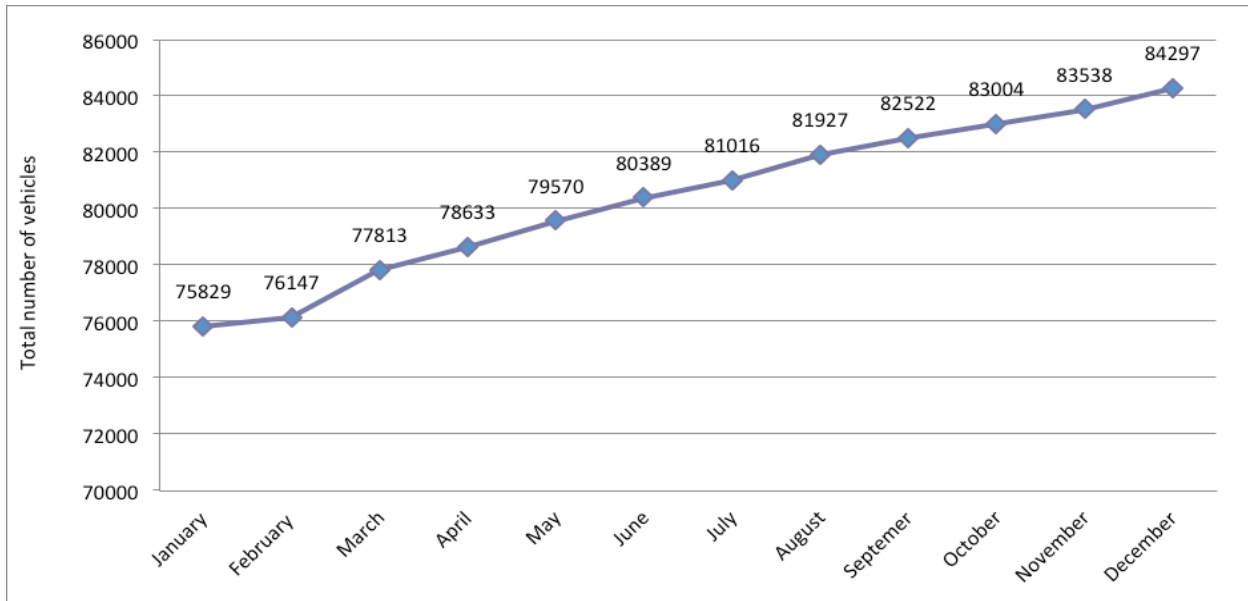
Region	O/ship	HV	MV	LV	TW	PT	T/tor	EME	Taxi	Others	Total
Thimphu	Govt.	567	43	1418	460	302	62	138	0	22	3012
P/ling		547	154	757	607	0	19	58	0	7	2149
Gelephu		68	18	205	116	28	6	42	0	0	483
S/J		50	37	227	233	40	30	40	0	0	657

<i>Monggar</i>		5	7	47	1	18	2	0	0	0	80
Sub-total		1237	259	2654	1417	388	119	278	0	29	6381
<i>Thimphu</i>	Pvt.	2271	357	30416	2656	1116	87	755	2832	64	40554
<i>P/ling</i>		5205	823	16205	3115	67	152	1345	1015	6	27933
<i>Gelephu</i>		334	107	2381	1046	118	28	95	289	4	4402
<i>S/J</i>		392	42	1939	1195	245	28	86	43	0	3970
<i>Monggar</i>		41	17	600	211	10	7	36	49	0	971
Sub-total		8243	1346	51541	8223	1556	302	2317	4228	74	77830
<i>Thimphu</i>	BHT	0	0	49	0	0	0	0	0	0	49
<i>P/ling</i>		0	0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0	0
<i>S/J</i>		0	0	0	0	0	0	0	0	0	0
<i>Monggar</i>		0	0	0	0	0	0	0	0	0	0
Sub-total		0	0	49	0	0	0	0	0	0	49
<i>Thimphu</i>	Diplomats	0	0	36	1	0	0	0	0	0	37
<i>P/ling</i>		0	0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0	0
<i>S/J</i>		0	0	0	0	0	0	0	0	0	0
<i>Monggar</i>		0	0	0	0	0	0	0	0	0	0
Sub-total		0	0	36	1	0	0	0	0	0	37
Grand Total		9480	1605	54280	9641	1944	421	2595	4228	103	84297

Source: Road Safety and Transport Authority

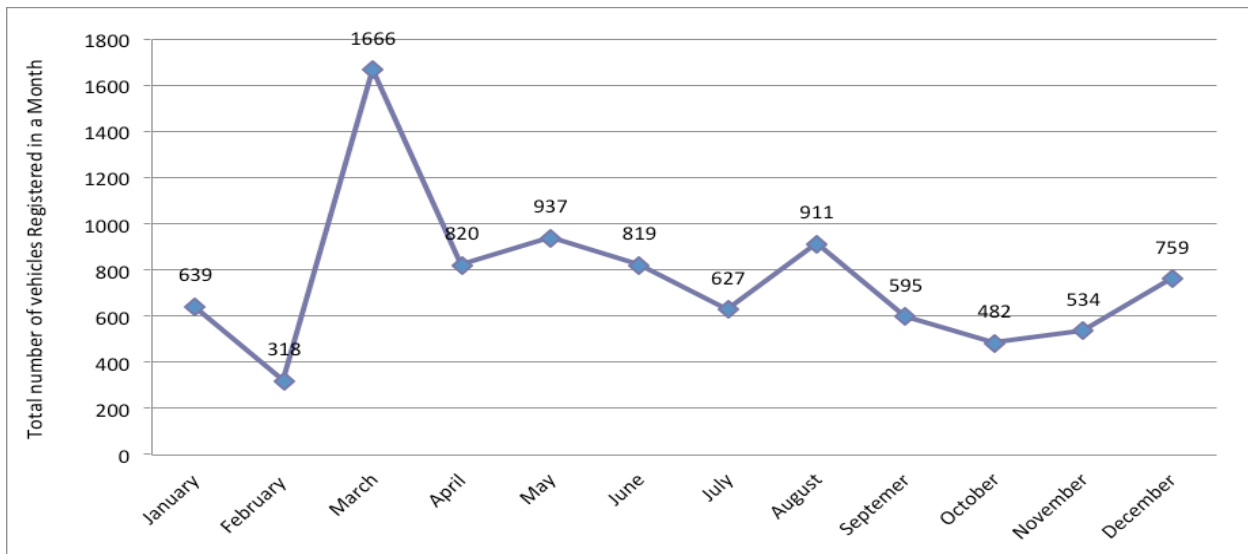
2.11. Vehicle Growth Trend by type

Chat 22: Monthly Motor Vehicle Growth by type, 2016



Source: Road Safety and Transport Authority

Chat 23: Number of new vehicle registered- Monthly in 2016

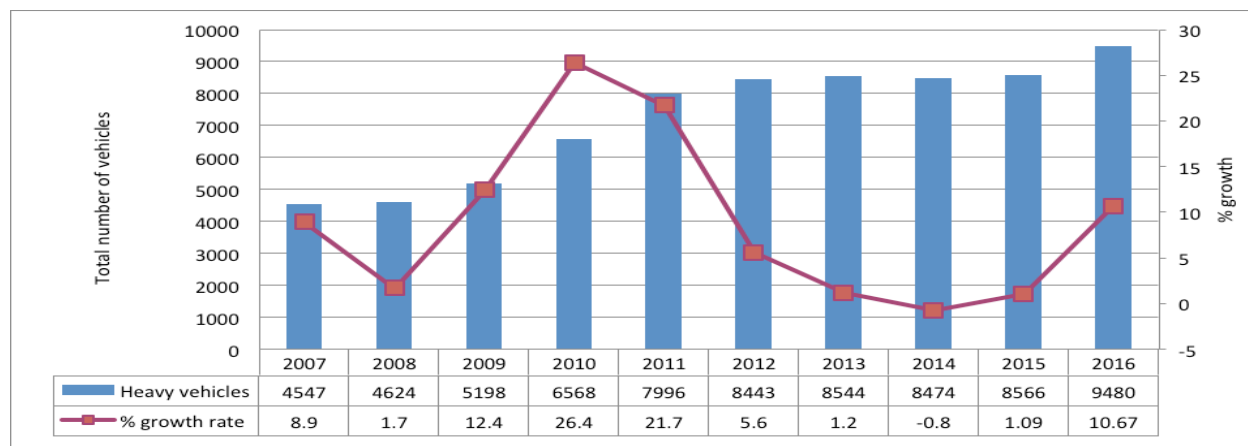


Source: Road Safety and Transport Authority

Heavy Vehicles²¹

In 2016, the Heavy vehicle category saw an increased by 10.67% i.e. 914 more vehicles after adjusting new and off road vehicles, thereby taking its total to 9480.

Chart 24: Total number of Heavy Vehicles and % Annual Growth, 2007-2016

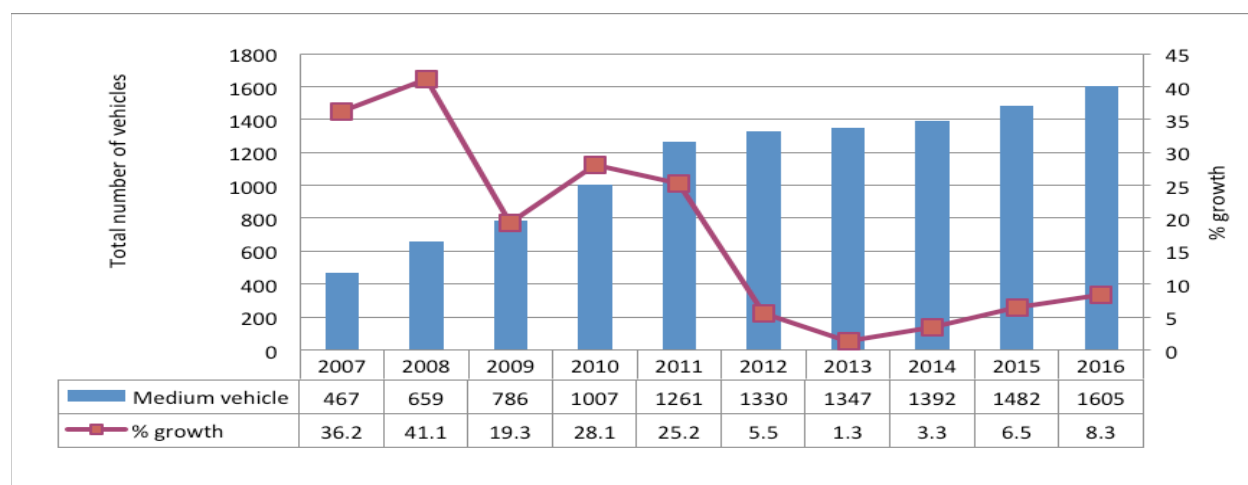


Source: Road Safety and Transport Authority

Medium Vehicles²²

Total number of Medium vehicles in 2016, after adjusting new and off road vehicles, increased by about 123 numbers or by 8.3% compared to 2015.

Chart 25: Total number of Medium vehicles and % Annual Growth, 2007-2016



Source: Road Safety and Transport Authority

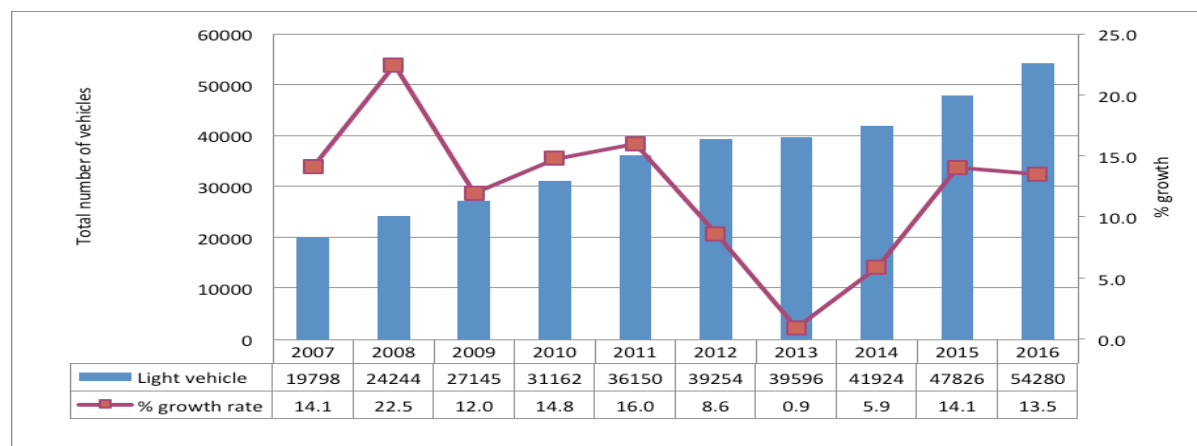
²¹ Heavy vehicle is defined as motor vehicles exceeding 10 tons gross vehicle weight or a bus seating more than 25 adults (including the driver) and these are generally trucks for freight and passenger buses

²² Medium vehicles means a motor vehicle exceeding 3 tons but not exceeding 10 tons gross vehicle weight or a bus seating between 13 and 24 passengers

Light Vehicles²³:

After adjusting new and off road vehicles, 6454 light vehicles were added to the Bhutanese roads in 2016 i.e. an increase of 13.5% from 2015, taking the total number of light vehicles to 54280.

Chart 26: Total number of Light vehicles and % Annual Growth, 2007-2016

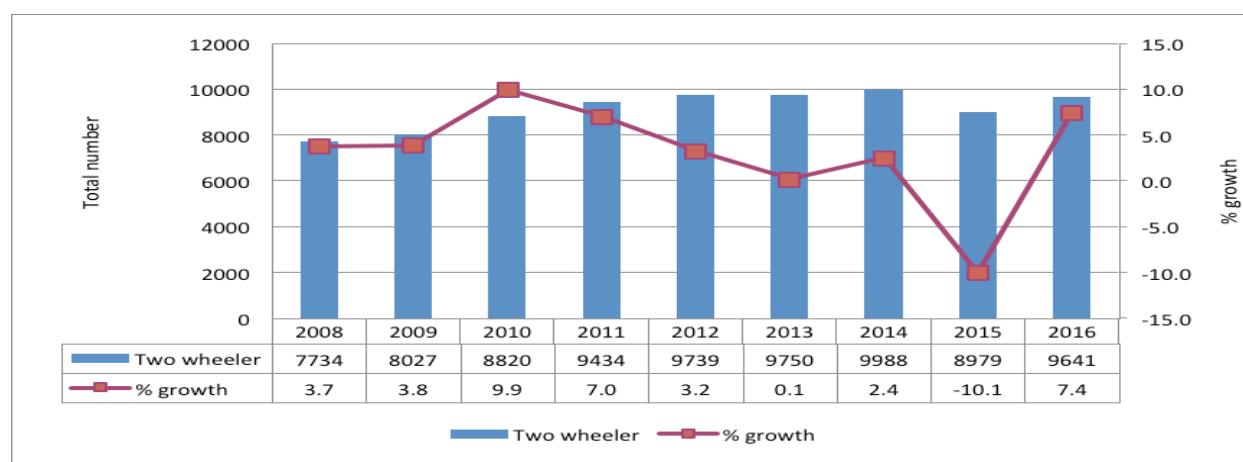


Source: Road Safety and Transport Authority

Two Wheelers²⁴

In 2016, the Two-wheelers segment saw an increase of 662 numbers or 7.4% after adjusting new and off road vehicles, taking the total number of two-wheelers to 9641.

Chart 27: Total number of two-wheelers and % growth, 2008-2016



Source: Road Safety and Transport Authority

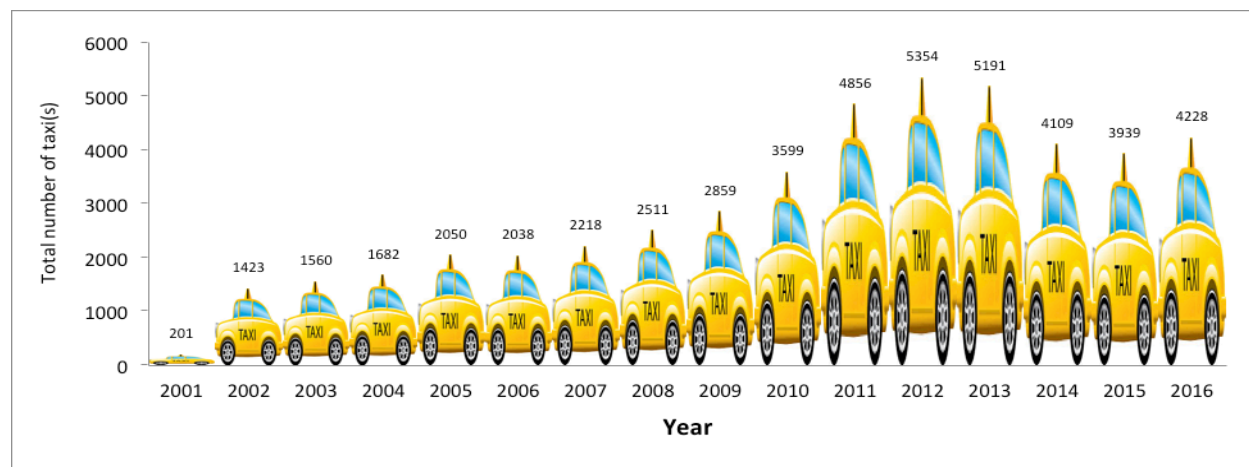
²³ Light vehicles means a motor vehicle (which is not a two-wheeler) seating not more than 12 adults (including the driver) and not exceeding 3 tones gross vehicle weight

²⁴ Two wheelers means a two-wheeled motor vehicle which has its own motive power but not human or animal power

Taxi

Total number of Taxis in the country increased by about 7.3% in 2016 or by 289 numbers compared to 2015. In 2016, Thimphu region saw an increase in the number of taxis by 6.8%, Phuentsholing region decrease by 1.5% and Samdrupjongkhar region decreased by 2.3%. However, in Gelephu region the number of taxi increased by 48.2% and Monger region saw a increase of 138.9% in 2016.

Chart 28: Total number of taxis²⁵, 2001-2016



Source: Road Safety and Transport Authority

Table 25: Taxi distribution, by Year and Region, 2009-2016

Sl. No.	Region	Number of Taxis							2016
		2009	2010	2011	2012	2013	2014	2015	
	Nation Wide	2859	3599	4856	5354	5191	4109	3939	4228
	% Growth	13.9	25.9	34.9	10.3	-3.04	-20.8	-4.1	7.3
1	Thimphu	1983	2488	3305	3617	3508	2707	2652	2832
	% Growth	13.44	25.47	32.84	9.4	-3.01	-22.8	-2.03	6.8
	% Share (region wise)	69.4	69.1	68.1	67.6	67.6	65.9	67.33	66.98
2	P/Ling	773	976	1343	1514	1475	1192	1030	1015
	% Growth	17.84	26.26	37.6	12.7	-2.6	-19.2	-13.59	-1.5
	% Share (region wise)	27	27.12	27.7	28.3	28.4	29	26.15	24.01

²⁵ Reverification of total number of taxis led to decrease in the total number in 2015

3	Gelephu	60	97	151	160	149	156	195	289
	% Growth	30.4	61.67	55.67	6	-6.9	4.7	25.0	48.2
	% Share (region wise)	2.1	2.7	3.11	3	2.9	3.8	4.95	6.84
4	S/Jongkhar	43	38	57	63	59	54	44	43
	% Growth	38.71	-11.63	50	10.5	-6.3	-8.5	-18.5	-2.3
	% Share (region wise)	1.5	1.1	1.17	1.2	1.1	1.3	1.12	1.02
5	Monggar	0	0	0	0	0	0	18	43
	% Growth	-	-	-	-	-	-	-	138.9
	% Share (region wise)	-	-	-	-	-	-	0.46	1.02

Source: Road Safety and Transport Authority

2.12. Motor Vehicle Crashes and Casualties

Table 26: Motor Vehicle Crashes and Casualties, 2005-2016

Year	Number of motor vehicle crashes	Death	Injured
2005	696	39	247
2006	940	71	389
2007	523	40	335
2008	995	92	488
2009	1,436	77	579
2010	1,260	79	611
2011	1,374	104	623
2012	1,350	96	611
2013	1,023	59	601
2014	792	76	426
2015	715	99	373
2016	726	105	355

Source: Road Safety and Transport Authority

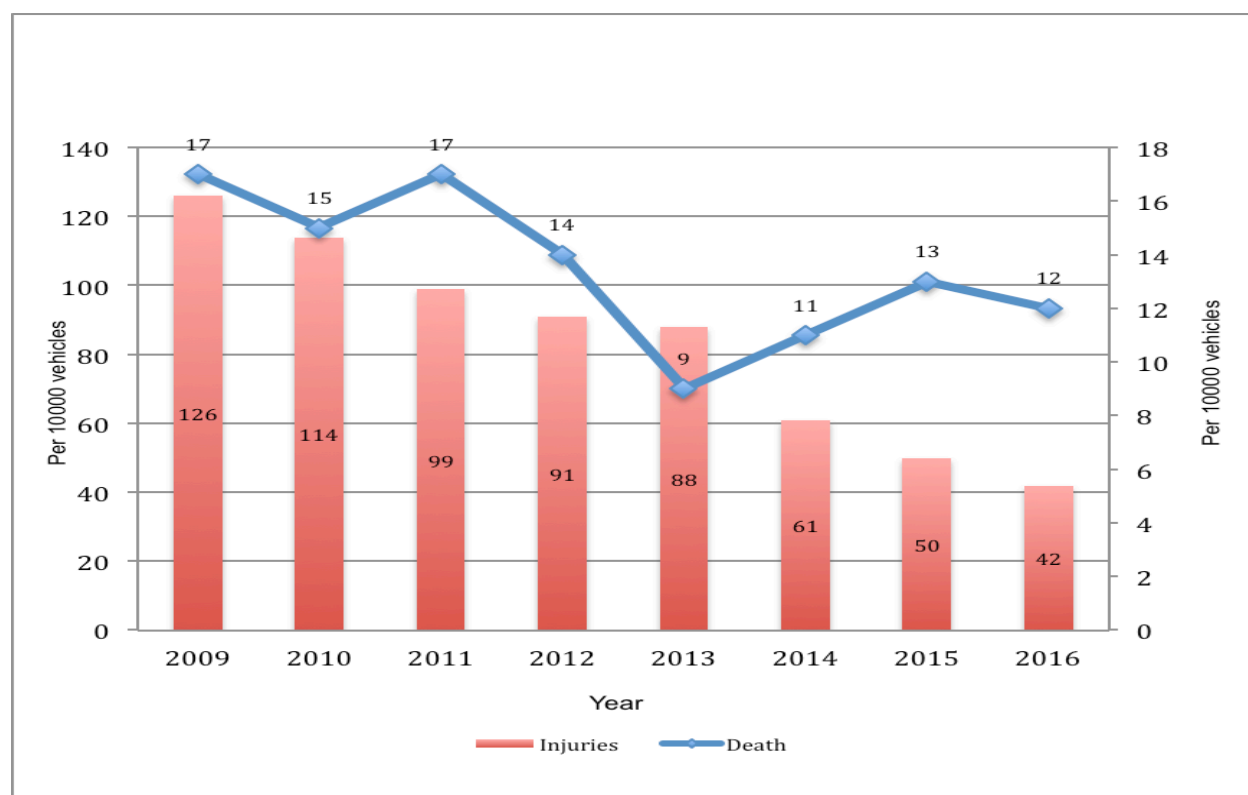
Table 27: Detailed Motor Vehicle Crashes and Casualties, by Police Station, 2016

Name of Police Station	Motor Vehicle Crashes & No. of Cases					
	Self / Off road	Collision	Pedestrian	Hit & Run	Fatal	Total crashes
T/phu, Traffic	199	213	43	63	10	528
Paro	22	17	6	14	3	62
Haa	1	0	0	0	0	1
Punakha	0	0	0	0	4	4
Gasa	0	0	0	0	0	0
P/Ling Traffic Branch	3	7	2	2	2	16
Pasakha	2	0	0	1	2	5
Gedu	2	2	0	0	6	10
Tshimasham	0	1	0	2	2	5
Lhamoizingkha	1	0	0	0	0	1
Samtse	1	0	0	0	2	3
Gomtu	1	0	0	0	1	2
Sipsu	0	0	0	0	0	0
Norbugang	0	0	0	0	1	1
Dorokha	1	0	0	0	1	2
Gelephu	2	1	0	2	3	8
Sarpang	0	0	0	0	3	3
Zhemgang	1	0	0	0	2	3
Panbang	3	0	0	0	2	5
Tsirang	2	1	0	0	0	3
Dagapela	0	0	0	0	0	0
Dagana	1	0	0	0	0	1
Trongsa	2	0	0	0	4	6
S/Jongkhar	2	0	0	0	3	5
Pema Gatshel	2	0	0	0	0	2
Nanglam	0	0	0	0	1	1
Jomotshangkha	0	1	0	0	2	3
Trashigang	6	0	0	0	5	11

Wamrong	1	0	0	0	4	5
T/Yangtse	0	0	0	0	3	3
Thrimshing	0	0	0	0	0	0
Monger	1	0	0	0	5	6
Lhuntsi	0	0	0	0	2	2
Gyelposhing	2	0	0	0	2	4
Weringla	0	0	0	0	0	0
Wangdue	4	1	0	1	7	13
Zhawakha CPC	0	0	0	0	1	1
Bumthang	0	0	0	0	1	1
Total	262	244	51	85	84	726

Source: Road Safety and Transport Authority and Traffic Police

Chart 29: Number of Deaths and Injuries per 10,000 vehicles, 2009-2016



Source: Road Safety and Transport Authority

Causes of Motor Vehicles Crashes

Table 28: Showing Causes of Motor Vehicle Crashes, 2015

Dzongkhag	Total no. MVA	Cause of Accident																				
		Drivers Error								Road Condition						Weather condition			Mechanical failure			
		Using of cell phone	Speeding	Drink driving	Tail gating	Not keeping left	Not giving right of way	Unsafe over taking	Unlicensed	Reverse when unsafe	Unsafe U-turn	Others	Potholes	Sinking Road	Falling boulders	Others	Rain	Foggy	Others	Brake fail	Steering failure	Others
Paro	61	0	6	8	1	0	1	1	3	2	0	45	0	0	0	0	0	1	1	2	0	0
Haa	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
P/Kha	4	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0	0
Gasa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chukha	37	0	5	9	1	0	0	1	2	0	0	17	0	0	0	1	1	1	0	3	0	0
Samtse	9	0	0	1	0	0	0	0	1	0	0	5	0	0	0	0	0	0	0	0	1	1
Sarpang	10	0	2	0	0	0	0	0	0	1	0	8	0	0	0	0	0	0	0	0	0	0
Z/gang	9	0	0	1	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	1	1	1
Tsirang	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Dagana	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Trongsa	6	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	0	1	0	2	0	0
S/Jongkhar	8	0	2	0	0	0	0	0	1	0	0	2	0	0	0	2	0	1	0	0	0	0
P/Gatshel	3	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
T/Gang	16	0	0	2	0	0	0	0	1	0	0	9	0	0	1	1	2	2	0	0	0	1
T/Yangtse	3	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	1
Monger	10	0	0	0	0	0	0	1	3	0	0	1	0	0	0	5	0	0	0	0	0	0
Lhuntse	2	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
W/di	14	0	1	2	0	0	0	0	1	1	0	7	0	0	0	2	0		1	0	0	1
B/thang	1	0	1	1	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0
T/phu	528	0	27	136	48	32	47	17	59	29	3	229	1	1	2	0	0	0	0	1	0	1
Total	726	0	47	161	50	32	48	20	74	33	5	338	2	1	4	13	3	6	2	11	2	6

Source: Road Safety and Transport Authority.

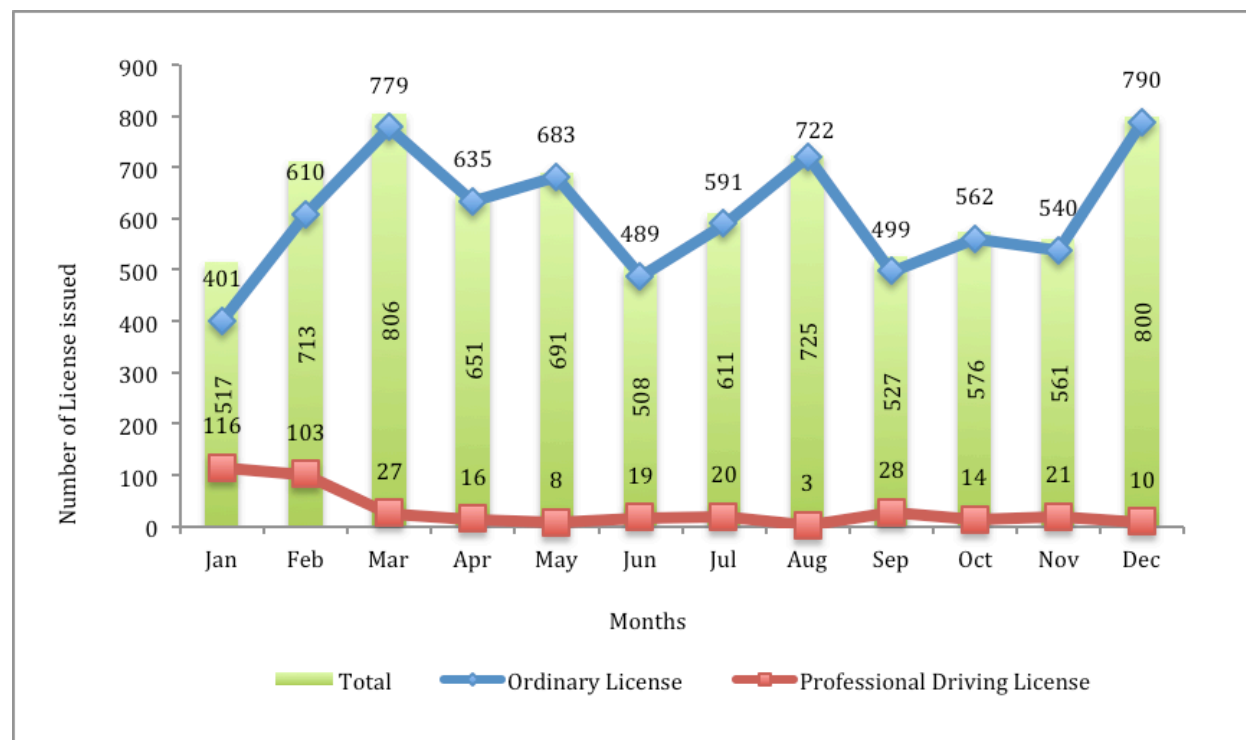
2.13. Driving license

Table 29: Type and Region wise Issuance of Driving License in 2016

Sl. No	Region	Ordinary License	Professional Driving License	Total (Exclusive of PD)
1	Thimphu	373	9	56007
2	Phuntsholing	170	0	12884
3	Gelephu	122	1	14466
4	Samdrupjongkhar	65	0	10018
5	Monggar	60	0	1260
	Grand Total	790	10	111342

Source: Road Safety and Transport Authority

Chart 30: Issuance of driving license by type in 2016 – Monthly



Source: Road Safety and Transport Authority

2.14. Revenue from Motor Vehicles and related sources

Chart 31: Total Revenue collected by RSTA, July 2009-June 2016



Source: Road Safety and Transport Authority

Table 30: Region wise passenger flow in 2016

Month	Thimphu	Phuntsholing	Gelephu	S/Jongkhar	Monggar
Jan	31357	30959	23618	5063	5605
Feb	28624	28332	17261	4409	5952
March	28971	24723	16903	3645	3630
April	28823	23384	15458	3306	3394
May	29815	28096	16257	3313	3027
June	31950	24008	15038	3399	4200
July	27885	25813	15253	4200	4578
August	26897	24714	13425	4081	3542

September	24489	23643	13277	2933	3195
October	25847	29291	17247	3253	3439
November	29127	26758	16043	3922	3760
December	32129	31906	21721	5276	3849
Total	345914	321627	201501	46800	48171

2.15. Urban Transport (City bus services)

Thimphu Thromde

Urban transport (city bus services) in Thimphu is operated by Bhutan Postal Corporation Ltd. and three other private operators. There are total combined bus fleet of 52 operating on 15 routes and with limited frequencies. Ridership is very high during the morning and evening rush hours but comparatively low during daytime.

Chart 31: Number of buses and operators in Thimphu, 2016

Operator	Types	Nos	Year Purchased
Bhutan Post	Coaster Bus	12	2008
	Tata Bus	3	2010
	Golden Dragon	11	2012
	GAC Bus	2	2012
	Eicher	18	
Lama Transport Service	Eicher Bus	3	BP-1-A2939 (2011) BP-1-A3299 (2012) BP-1-A3389 (2013)
Bumpa Transport Service	Eicher Bus	2	BP-1-A3387 (2013) BP-1-A3515 (2014)
K.Wangyel Transport Service	Eicher Bus	1	BP-1-A3868 (2016)
Total number of bus		52	

Source: Bhutan Post & RSTA

Phuentsholing Thromde

Bhutan post is the only operator that provides city bus services in Phuentsholing. There two buses operating on one route.

Table 32: Number of city buses in Phuentsholing

Operator	Types	Nos.	Year Purchased
Bhutan Post	Tata bus	2	2010

Source: Bhutan Post

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 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 is calculated number of users with internet connections by total population multiplied by 100.

4. Fixed Broadband Internet subscribers

Fixed broadband Internet subscribers refers to subscribers who pay for high speed access to the public Internet at speeds equals to, or greater than, 256 kbps. Fixed broadband internet subscribers per 100 inhabitants is 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.