



Annual Info-Comm and Transport Statistical Bulletin

(6th Edition, 9th March 2015)



Ministry of Information and Communications

Royal Government of Bhutan


FOREWORD

The Ministry of Information and Communications (MoIC) is pleased to publish the sixth edition of the Annual Info-Comm and Transport Statistical Bulletin 2015. The data and other information provided in this Bulletin are as of December 2014.

Unlike the past publications, this Bulletin has a small section containing some very basic information on the Postal sector in addition to the data on Telecommunications/ICT, Media, Surface Transport and Civil Aviation sectors. The information has been compiled from various primary sources and MoIC wishes to thank all the agencies for their cooperation. It has been formatted for easy understanding and the information may be used freely. Every effort has been made to ensure consistency of the data with the Statistical Yearbook of Bhutan and other similar publications. Additional statistical information has been added for quick analysis of trend and I commend the effort of the Statistical Officer, in particular.

For easier, wider and better access to information provided in this bulletin, 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 and users.

TASHI DELEK.



Kinley Dorji
Secretary
Ministry of Information and Communications

9th March 2015

Contents

I.	About the Annual Info-Comm and Transport Statistical Bulletin.....	4
II.	Summary of MoIC Indicators.....	5
	Chapter 1- Information Society.....	7
1.1.	ICT and Telecommunication Development	7
1.2.	ICT uptake in Bhutan	8
1.3.	Fixed-Line Telephony:	9
1.4.	Mobile Cellular Telephony.....	11
1.5.	Internet Services	13
1.6.	Basic Postal Infrastructure Information.....	19
1.7.	Media Profile: Current scenario	20
1.8.	Television and Film Industry:.....	21
	Chapter Two – Aviation and Surface Transport	25
1.	Aviation Sector:.....	25
1.1.	Airlines in Bhutan, by History, Aircraft fleet and Route.....	25
1.2.	Airport and Helipad.....	26
1.3.	International Air Services:.....	28
1.4.	Domestic Air Services	32
2.	Surface Transport	33
2.1.	Motor Vehicle growth trend:	33
2.2.	Vehicle Distribution and Ownership pattern, 2014	35
2.3.	Vehicle Growth Trend:	46
2.4.	Motor Vehicle Crashes and Casualties	49
2.5.	Causes of Motor Vehicles Crashes	52
2.6.	Other useful information	54

I. About the Annual Info-Comm and Transport Statistical Bulletin

The Annual Info-Comm. and Transport Statistical Bulletin, sixth in series after the establishment of the Ministry of Information & Communications (MoIC) in 2003, is aimed at disseminating up-to date information covering ICT, Postal, Media and Transport sectors i.e. Civil Aviation and Surface Transport.

The data in this report were collected and compiled by the Policy and Planning Division of MoIC with support from the Departments/Corporations/Private sector agencies such as the Department of Information Technology & Telecom, Department of Information & Media, Department of Civil Aviation, Road Safety & Transport Authority, Bhutan Telecom Limited, Tashi Info-Comm. Limited, Druk Air Corporation, Tashi Air, Traffic Division of the Royal Bhutan Police, Bhutan Postal Corporation, Bhutan Broadcasting Service Corporation, Bhutan Info-Comm and Media Authority, etc as the direct source of these information concerning their respective areas.

The statistical bulletin has been prepared based on 2014 data collected until December 2014, and therefore, valid as of that year. Although, attempt has been made to provide detailed statistical information keeping most parameters into account, MoIC will continue its endeavor to improve and include missing or inadequate information in subsequent publications.

This bulletin is divided into two chapters. Chapter one provides statistical information on Information Society broadly dealing with ICT, Telecommunications, Postal and Media 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 MoIC Indicators

Sector	Data (as of December 2014)
ICT:	
➤ Internet subscribers ¹	349,116 (251,441 in 2013)- 38.85 % increase
➤ Fixed Line telephone subscribers	23,823 (26,485 in 2013) –10 % decrease
➤ Number of Dzongkhags HQ's with Fixed Line connections	All 20 Dzongkhags
➤ Mobile Cellular subscribers	628,289 (544,337 in 2013) –15.4 % increase
➤ % of population availing Mobile services	84.32% (74.3% in 2013)- 13.5% 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 Geogs
➤ Number of Community Centers	195 (167 CCs connected with internet)
Media:	
➤ Television Stations	1 (BBS Channel 1 & 2)
➤ Radio Stations	7 (including Sherubtse FM).
➤ Number of Newspapers	11(Bhutan Youth newspaper license terminated).

¹ Internet subscribers here refer to those household/offices/individuals connected by Fixed Broadband, GPRS/EDGE/3G 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.

➤ Number of films produced and released in 2014	21
Surface Transport:	
➤ Vehicle Number	69,602 (67,926 in 2013) – 2.46 % increase
➤ Number of Taxis	4,109 (5,191 in 2013) – 20.8 % decrease
➤ Number of Motor Vehicles Crashes	791 (1,023 in 2013) – 22.68 % decrease
➤ Number of deaths due to vehicle crashes	76 (59 in 2013) – 28.8 % increase
➤ Number of injuries due to vehicle crashes	426 (601 in 2013) – 29.1 % decrease
➤ Revenue collected from June 2013-July 2014	295.07 M (283.511 M in 2012-2013)- 4.1% increase
➤ Number of Electric vehicles registered	61
Aviation:	
➤ Domestic Airports ²	3
➤ International Airport	1
➤ No. of Airlines operating domestic routes ³	1
➤ No. of Airlines operating international routes	2
➤ Air services routes ⁴	10 routes in five countries
➤ No. of Air Passengers (International sector)	296,422 (213,995 in 2013)- 38.5% increase
➤ No. of Air Passengers(Domestic sector)	3007 (2,727 in 2013)- 10.3% increase

² Gelephu and Yonphula domestic airports are currently under maintenance

³ Bhutan Airlines, a subsidiary of Tashi Air currently not operating domestic air service

⁴ Flight to Yangoon is currently suspended

Chapter 1- Information Society

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

1.1. ICT and Telecommunication Development

Bhutan Telecom Limited (BTL), Tashi InfoComm Limited (TICL), Samden Tech and Drukcom are the four licensed Internet Service Providers (ISPs) 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 1.1: Key ICT indicators- as of December, 2014

Sl. No.	Indicators	Number
1	Fixed line subscribers	23,823
2	Cellular Mobile subscribers	628,289
3	Internet subscribers ⁵ :	349,116
	i. Lease line subscribers	500
	ii. Fixed Broadband subscribers	24,979
	iii. GPRS/EDGE subscribers	107,972
	iv. Mobile Broadband subscribers, of which:	215,665
	a. 4G subscribers/users	421
	b. 3G subscribers/users	215,244
4	No. of Dzongkhags with 4G connections	1 ⁶
5	No. of Dzongkhags with 3G connections	15 ⁷
6	No. of Geogs with access to Mobile services	All 205 Geogs
7	No. of Dzongkhags head-offices with Fixed line and Mobile services	All 20 Dzongkhags
8	No. of Community Centers	195 (167 CCs are connected with internet)

⁵ Dial up internet connection discontinued by all ISP providers

⁶ 4G available only around Thimphu DHI Office area in Motithang and Bhutan Telecom office in Chubachu

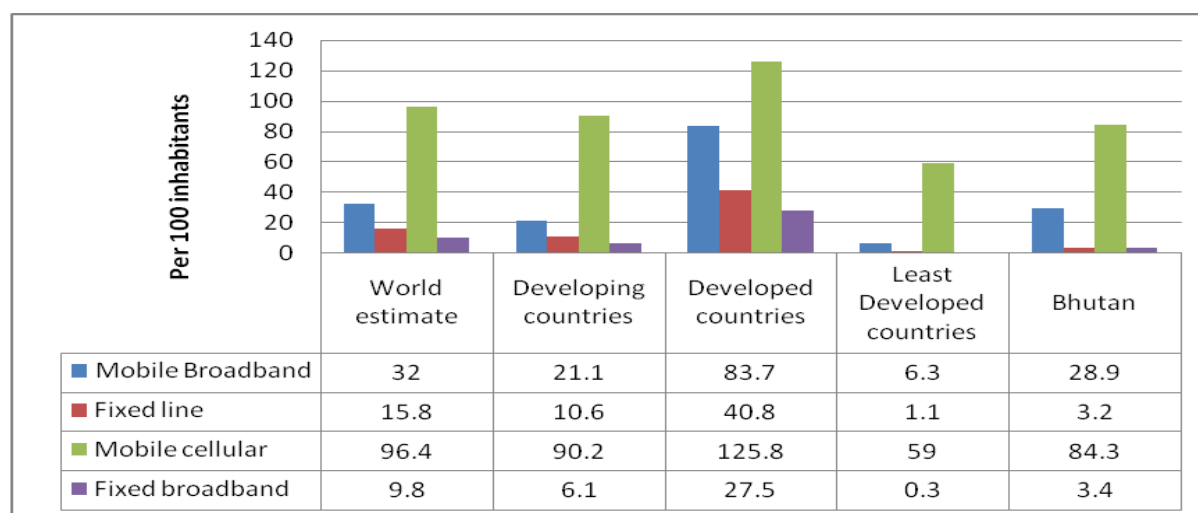
⁷ Only few areas under this 15 Dzongkhags are effectively covered

1.2. ICT uptake in Bhutan

ICT uptake in the country has continued to grow over the past one year. Mobile cellular penetration rate saw a notable increase of 15.4 % in 2014 despite a decrease of 2.9% in 2013 as explained in the relevant section below. As per 2014 International Telecommunication Union (ITU) publication⁸, Mobile subscription per 100 inhabitants is estimated to be 96.4 globally on an average compared to 84.32 in Bhutan.

Likewise, Internet subscriptions saw an increase of 38.85% compared to 2013. This increase is mainly attributed to the increase in the use of Mobile Broadband (3G+4G⁹) services. Since its introduction, Mobile Broadband users have been increasing at a rapid speed. In 2014, Mobile Broadband subscription saw an increase of 83.3% from 2013. According to 2014 ITU estimates, there are 32 and 21.1 Mobile Broadband subscribers/users per 100 inhabitants worldwide and Developing countries respectively. In the same period, Bhutan had 28.9 Mobile Broadband subscribers per 100 inhabitants, which is better than the Developing countries' average. In contrast however, fixed-line subscriptions have been declining in Bhutan and globally. ITU estimates the world Fixed-line subscriptions to be at 15.8 per 100 inhabitants against 3.2 in the case of Bhutan

Chart 1.1: Telecommunications/ICT subscriptions, by type and level of development, 2014



Source: ITU Measuring the Information Society Report 2014, Tashi Cell, Bhutan Telecom, Drukcom

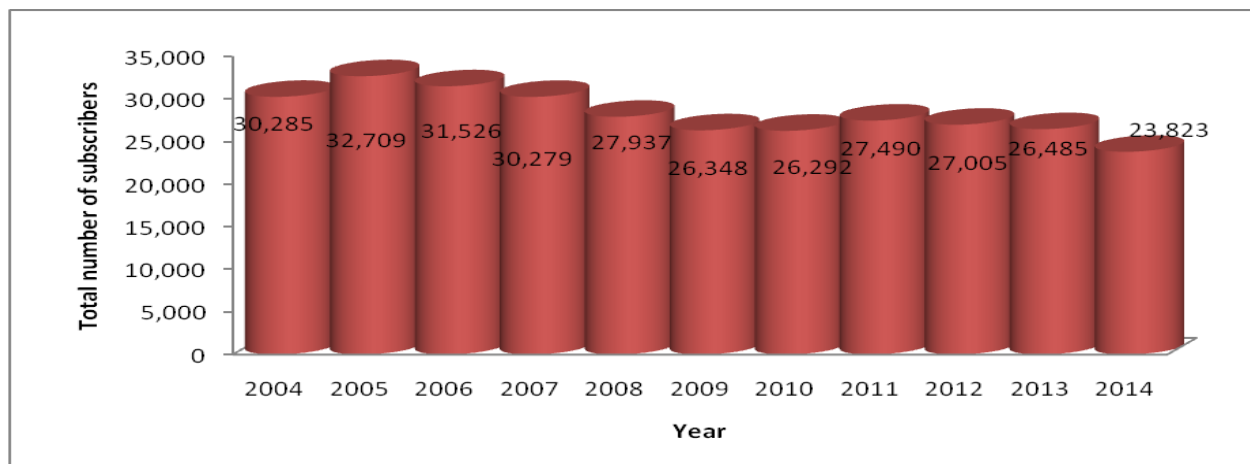
⁸ International Telecommunication Union's Measuring the Information Society Report, 2014 publication

⁹ 4G was introduced in the later part of 2013

1.3. Fixed-Line Telephony:

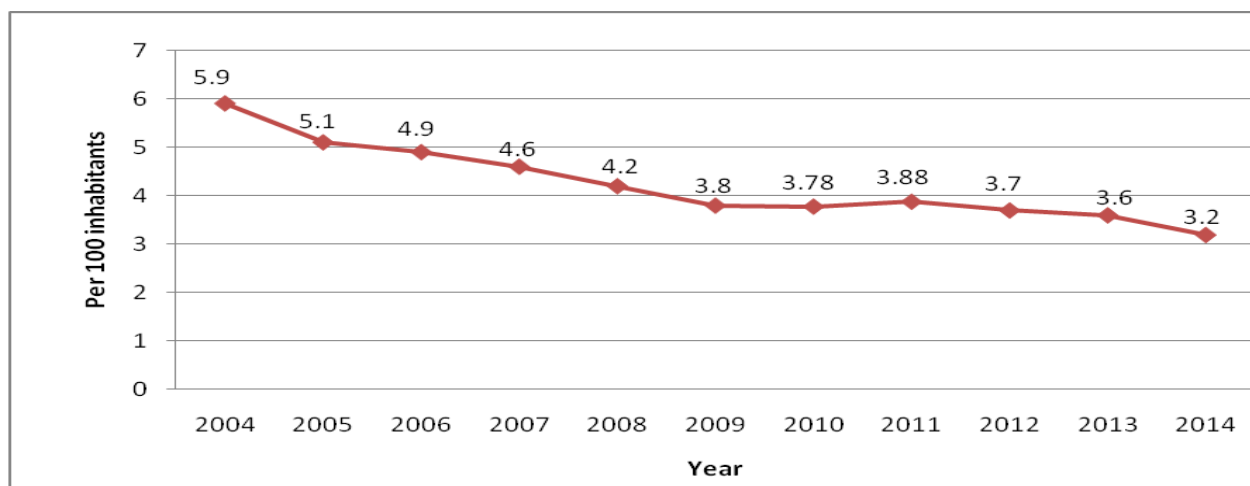
Fixed-line subscription is declining globally¹⁰ and Bhutan is no different. Fixed-line subscription peaked in 2005 with 32,700 subscribers, but since then the number of subscribers kept declining with the number reaching 23,823 by December, 2014.

Chart 1.2: Yearly Fixed-telephone line subscriptions, 2004-2014



Source: Bhutan Telecom

Chart 1.3: Fixed-telephone line subscriptions per 100 inhabitants, Bhutan, 2004-2014



Source: Bhutan Telecom

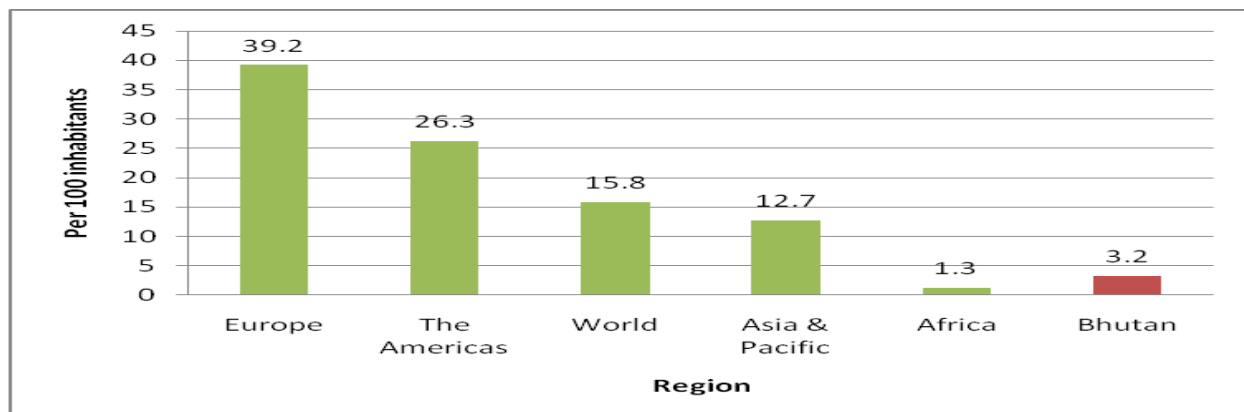
¹⁰ Based on Information Society publication published by ITU

Table 1.2: Fixed-telephone line subscriptions, by Dzongkhags, 2014

Sl. No	Dzongkhag	Connections (31/12/2014)
1	Thimphu	10417
2	Punakha	552
3	Wangdue Phodrang	1057
4	Gasa	45
5	Trongsa	416
6	Bumthang	662
7	Zhemgang	283
8	Trashigang	784
9	Tashi Yangtse	159
10	Monggar	705
11	Lhuntse	128
12	Samdrup Jongkhar	1063
13	Pema Gatshel	270
14	Sarpang	1217
15	Tsirang	272
16	Dagana	183
17	Chukha	2763
18	Samtse	723
19	Paro	1768
20	Haa	356
Grand Total		23823

Source: Bhutan Telecom

Chart 1.4: Fixed-telephone line subscriptions, by World Region and Bhutan, 2014.

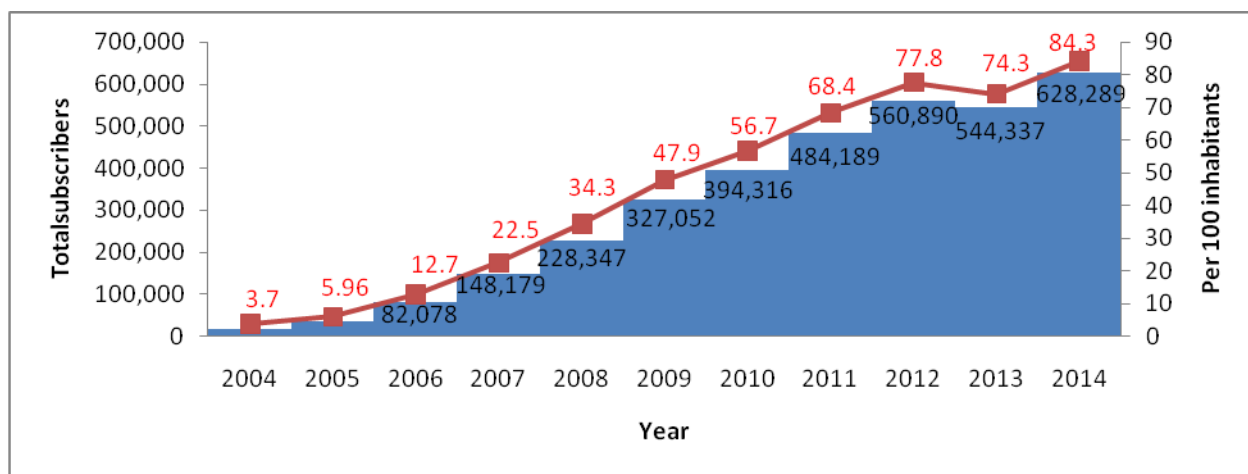


Source: Bhutan Telecom and ITU Measuring the Information Society Report 2014

1.4. Mobile Cellular Telephony

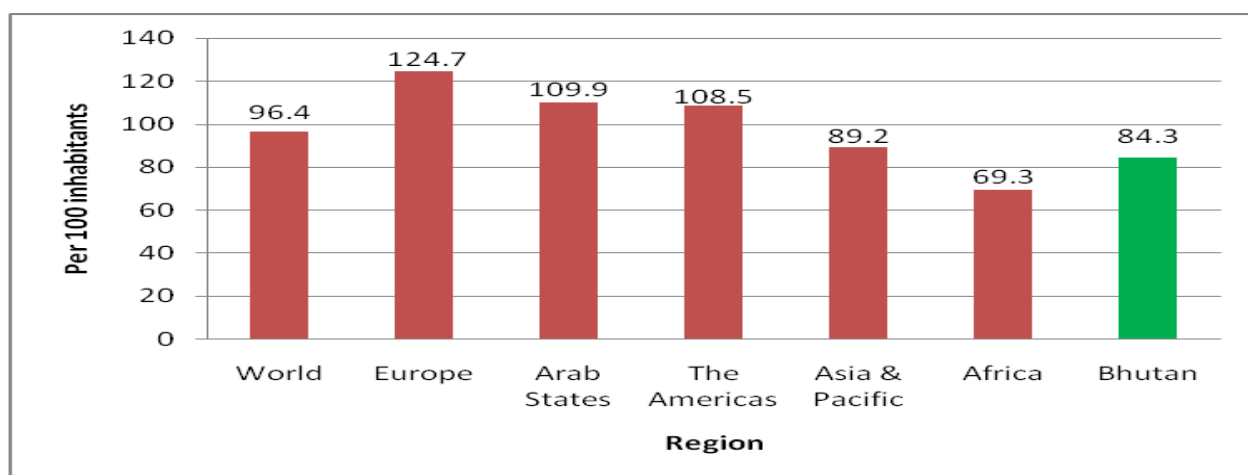
B-Mobile (Bhutan Telecom Ltd) and Tashi-Cell (Tashi Info-Comm. Ltd) mobile services are now available in all the 20 Dzongkhags. The two operators had a combined subscription base of 628,289, i.e. an increase of 15.4% from 2013. Of the total Mobile Cellular subscribers, B-Mobile had 454,543 subscribers (or 72.35 % market share) and Tashi-Cell had 173,746 subscribers (or 27.65% market share). Consequently, Bhutan Telecom's market share decreased by 2.35% and Tashi Cell's market share rose by 2.35 % in 2014.

Chart 1.5: Yearly Mobile Cellular subscriptions, 2004-2014.



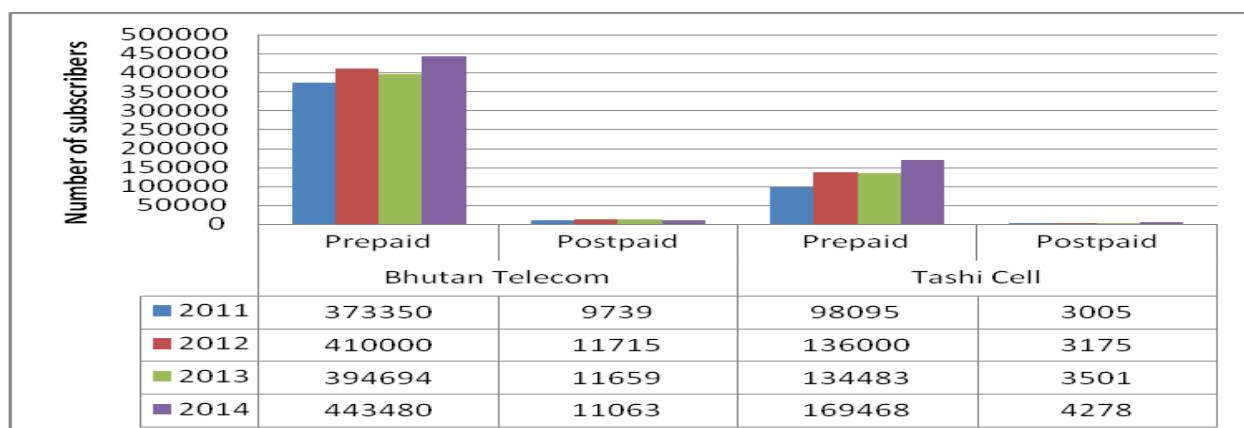
Source: Bhutan Telecom and Tashi Cell

Chart 1.6: Mobile cellular subscriptions, by World Region and Bhutan, 2014



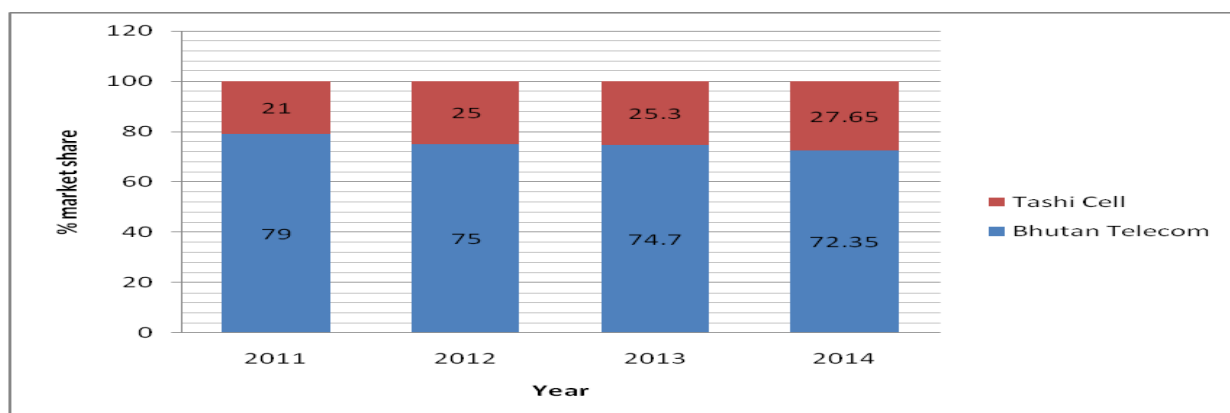
Source: Bhutan Telecom, Tashi Cell and ITU's Measuring the Information Society Report 2014

Chart 1.7: Yearly Mobile Cellular subscriptions, by Type and Operator, 2011-2014



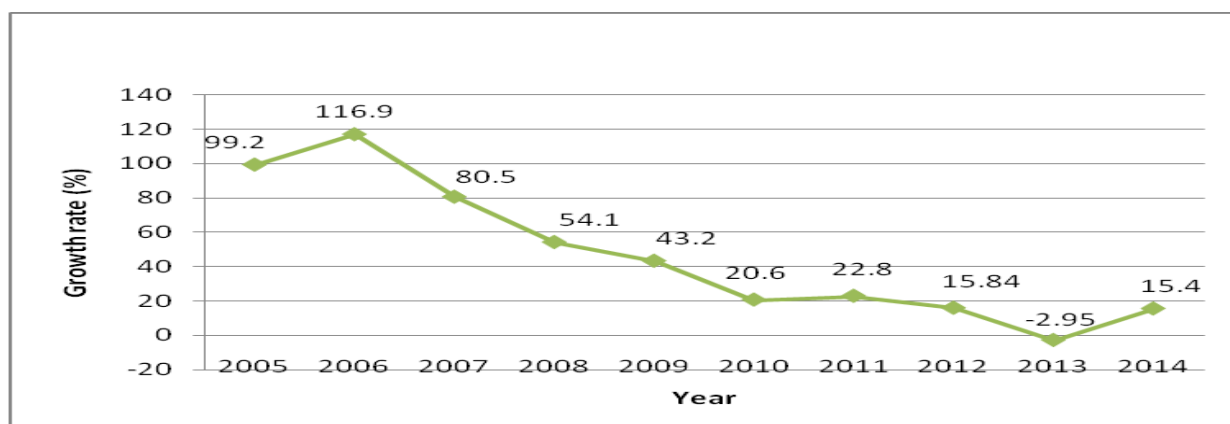
Source: Bhutan Telecom and Tashi Cell

Chart 1.8: Mobile subscriptions, by Market share and Operator, 2011-2014



Source: Bhutan Telecom and Tashi Cell

Chart 1.9: Yearly Mobile subscriptions growth/decrease rate, 2005-2014



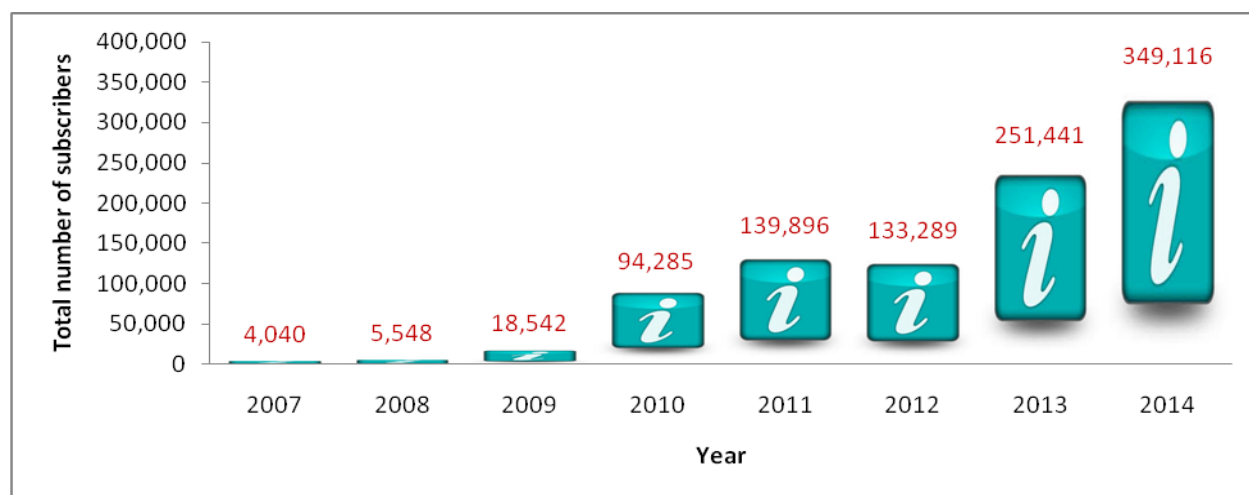
Source: Bhutan Telecom and Tashi Cell

1.5. Internet Services

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

Operators	Type of services provided	Coverage
<ul style="list-style-type: none"> Druknet, Bhutan Telecom Limited 	<ul style="list-style-type: none"> Lease line Fixed broadband EDGE/GPRS 3G 4G 	<ul style="list-style-type: none"> Country- wide Selected places 20 Dzongkhags 15 Dzongkhags (Selected places only) Thimphu only¹¹
<ul style="list-style-type: none"> Tashi Cell 	<ul style="list-style-type: none"> EDGE/GPRS 3G Lease line 	<ul style="list-style-type: none"> 20 Dzongkhags 8 Dzongkhags (Selected places only)
<ul style="list-style-type: none"> Samden Tech. 	<ul style="list-style-type: none"> Lease line 	<ul style="list-style-type: none"> Thimphu only
<ul style="list-style-type: none"> Drukcom 	<ul style="list-style-type: none"> Lease line Broadband (ADSL) 	<ul style="list-style-type: none"> Thimphu only Thimphu only

Chart 1.10: Yearly Internet subscriptions, 2007-2014¹²

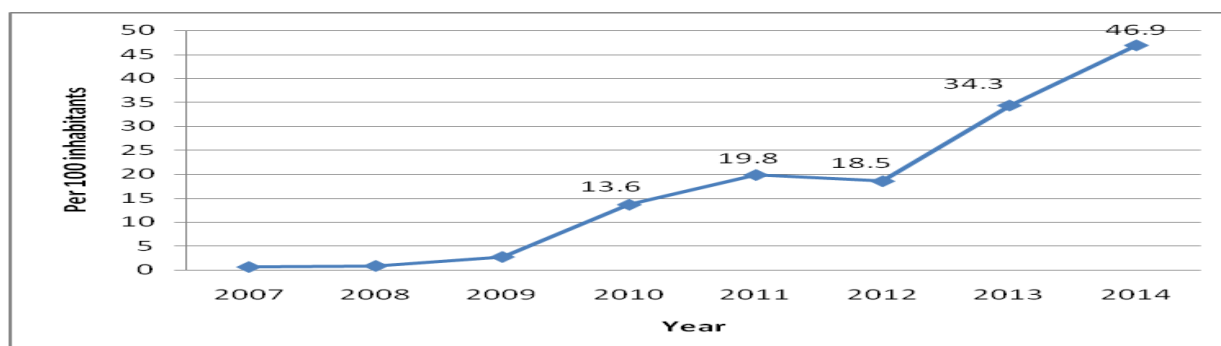


Source: ISPs (Bhutan)

¹¹ Around DHI and Bhutan Telecom's office only

¹² Only the actual numbers of Households/individual internet subscribers of Bhutan Telecom, Tashi Cell and Drukcom are taken into account.

Chart 1.11: Internet subscriptions per 100 inhabitants, Bhutan, 2007-2014

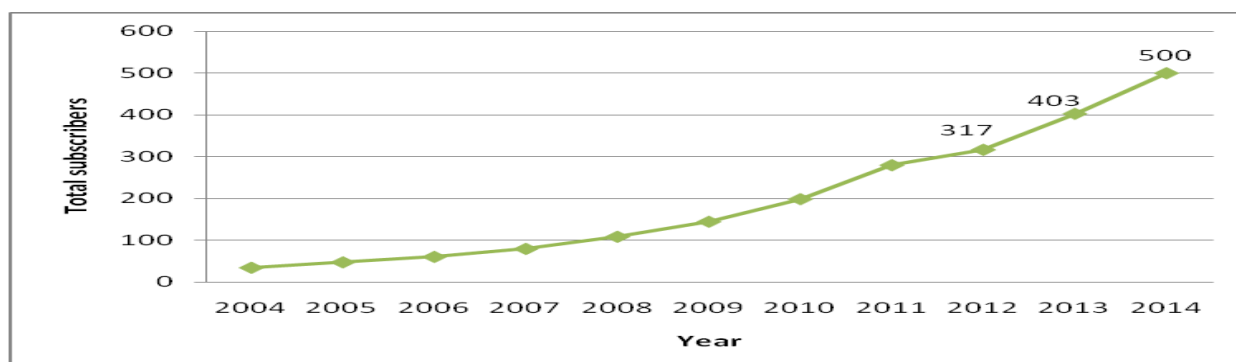


Source: ISPs (Bhutan)

Types of Internet connections:

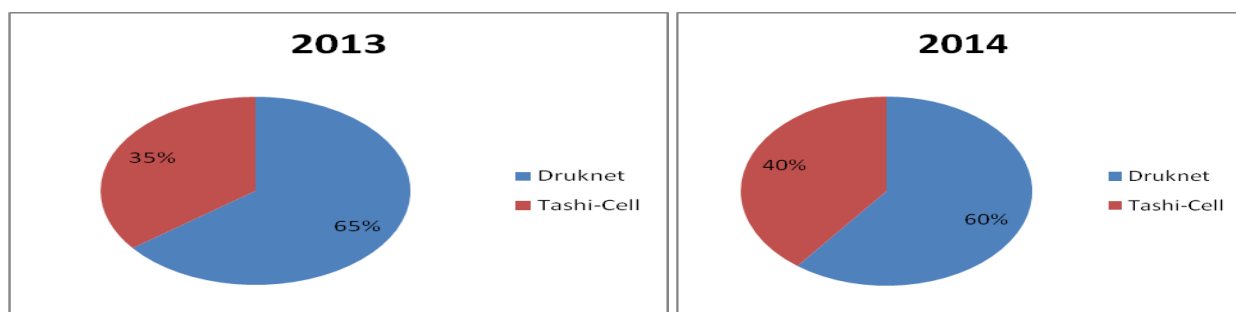
Lease Line Connection: Lease line subscription continues to grow at a steady rate despite the phenomenal growth of Fixed (wired) and Mobile Broadband. 97 new Lease Line subscribers were added in 2014, taking the total number of Lease Line Household/Organization subscriptions to 500.

Chart 1.12: Lease-line subscriptions 2004-2014



Source: Druknet (Bhutan Telecom), Tashi Cell and Drukcom

Pie-Chart 1.1: Lease-line market share, by two biggest ISPs, 2013-2014



Source: Druknet (Bhutan Telecom) and Tashi Cell

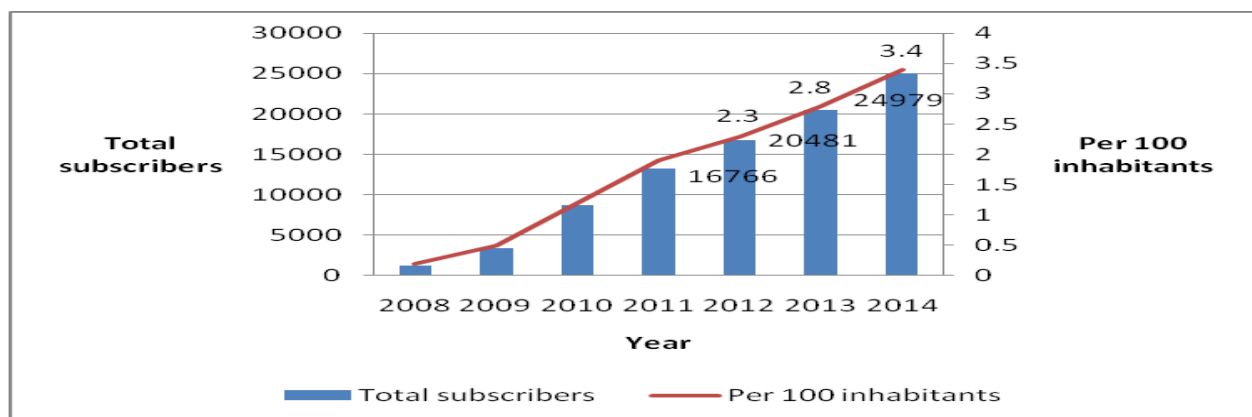
Broadband Connection:

Broadband Internet services were first introduced in the country in 2008. Broadband connections are generally classified into two: 1. Fixed (wired) Broadband and 2. Mobile Broadband (3G and 4G):

1. Fixed (wired) Broadband:

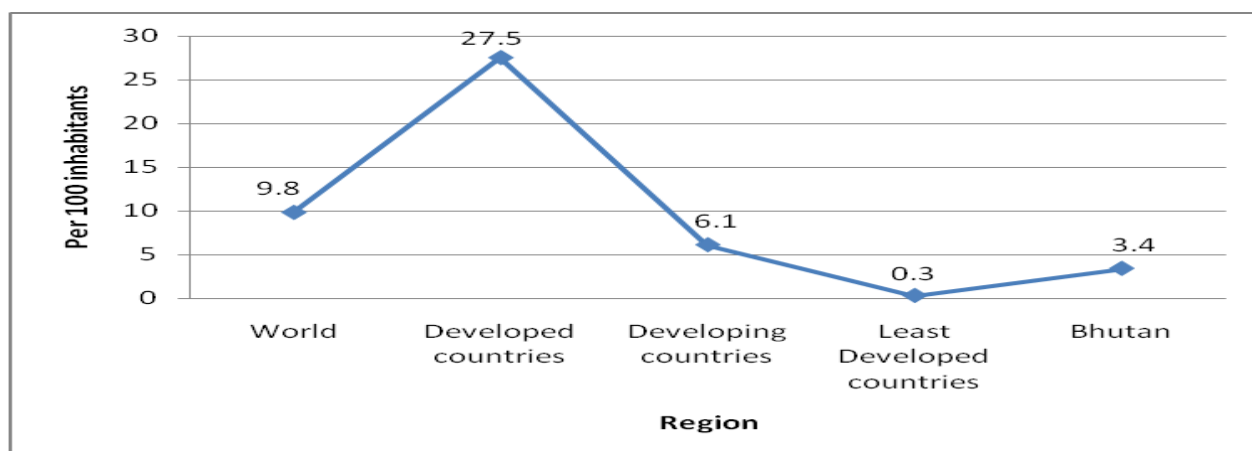
Druknet (Bhutan Telecom) and Drukcom are the two ISPs providing Fixed (wired) Broadband Internet services in the country. Fixed (wired) Broadband services are generally provided through ADSL or Fiber Optic. In 2014, Fixed (wired) Broadband Internet subscriptions reached 24,979 i.e. an increase of 21.96% or 4,498 over 2013. Currently, there are 3.4 Fixed (wired) Broadband subscribers per 100 inhabitants compared to the 2014 ITU's estimates of 9.8 and 6.1 per 100 inhabitants of the World average and Developing countries respectively.

Chart 1.13: Yearly Fixed (wired) Broadband subscriptions, 2008-2014



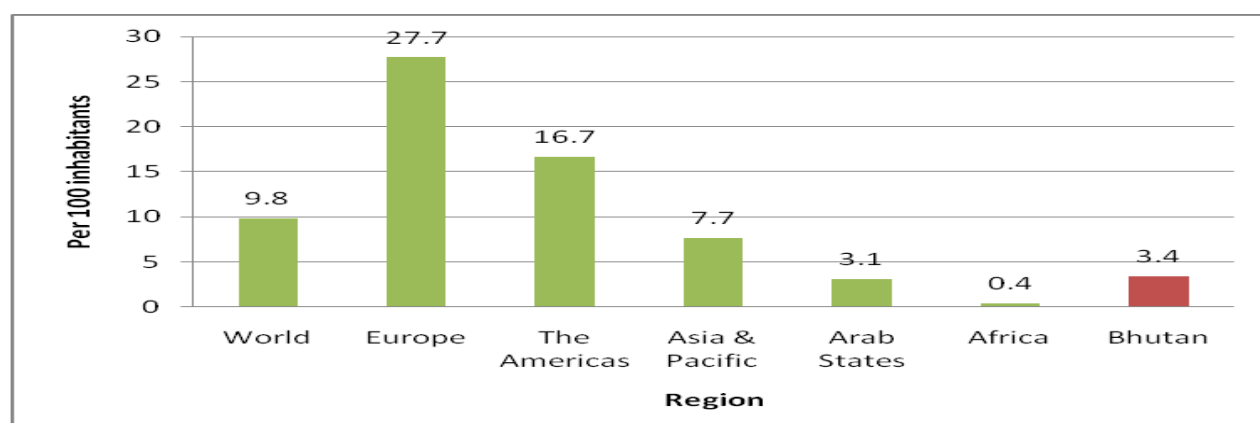
Source: Druknet (Bhutan Telecom) and Drukcom

Chart 1.14: Fixed (wired) Broadband subscriptions, by level of development, 2014



Source: Druknet (Bhutan Telecom), Drukcom and ITU Information Society Report 2014

Chart 1.15: Fixed (wired) Broadband subscriptions, by World Region and Bhutan, 2014

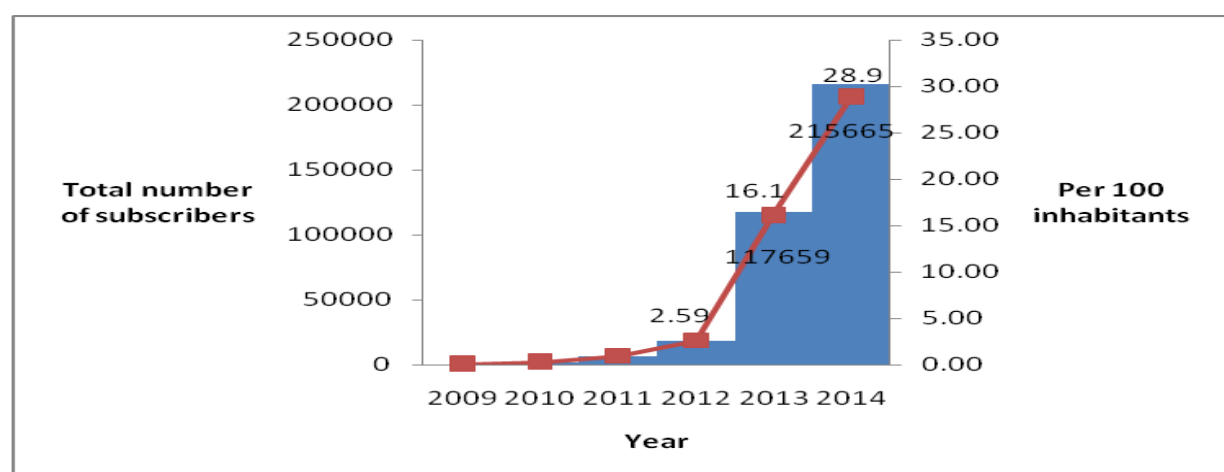


Source: Druknet (Bhutan Telecom), Drukcom and ITU Information Society Report 2014

2. Mobile Broadband:¹³

Mobile Broadband connections are generally classified as those connections having 3G or 4G connections. Mobile Broadband subscriptions have increased by 83.3% in 2014. According to 2014 ITU estimates, there are 32 and 21.1 Mobile Broadband subscribers per 100 inhabitants worldwide and Developing countries respectively. During this same period, Bhutan had 28.9 Mobile Broadband subscribers per 100 inhabitants, which is comparatively better than developing countries estimates.

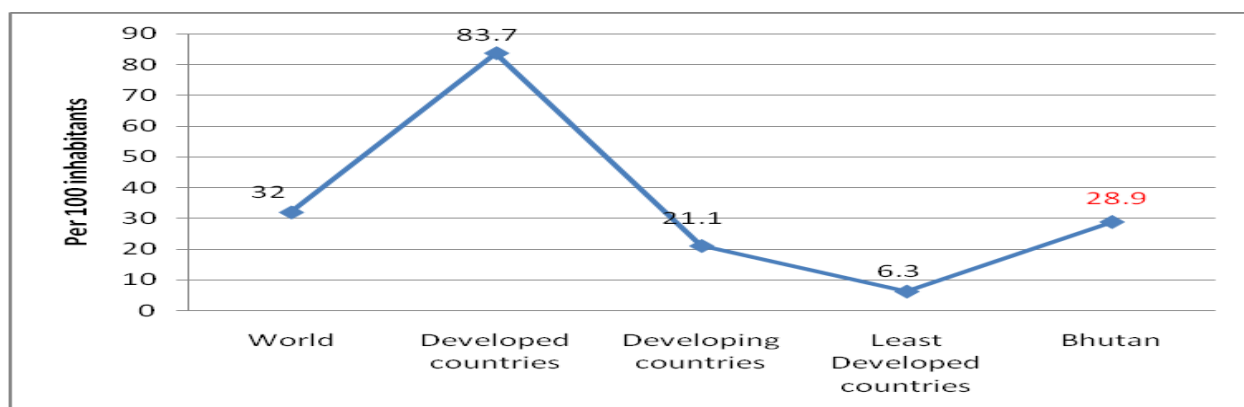
Chart 1.16: Yearly Mobile Broadband subscriptions, 2009-2014



Source: Druknet (Bhutan Telecom), Tashi Cell

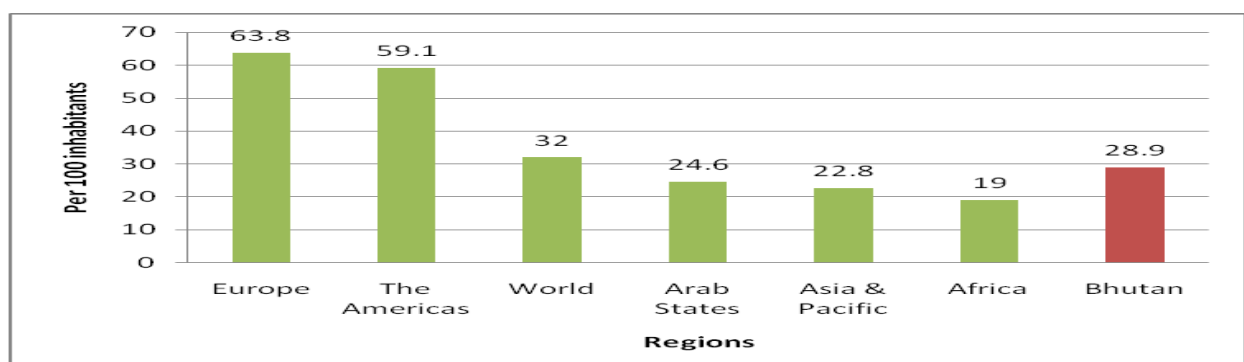
¹³ Refers to all devices such as mobile phone, laptops, tablets and others which have 3G/4G internet connections

Chart 1.17: Mobile Broadband subscriptions, by level of development, 2014



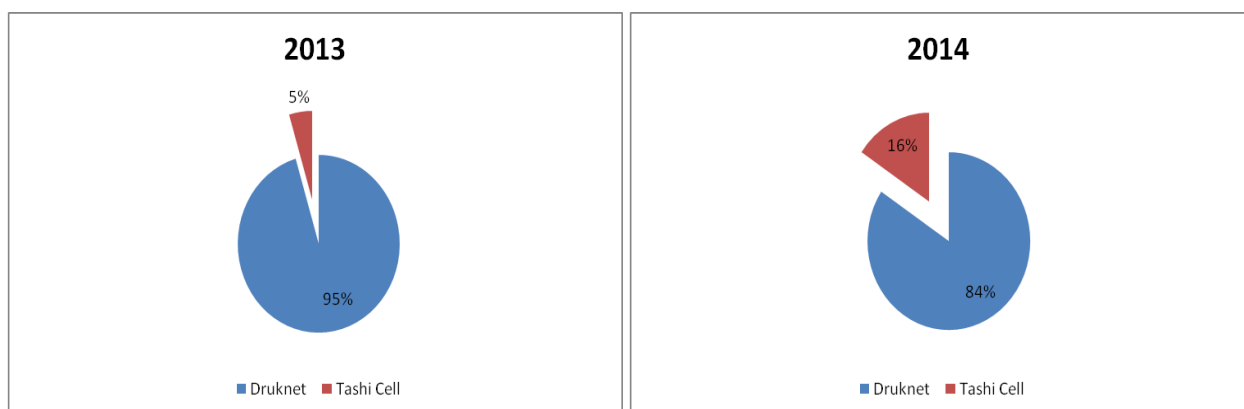
Source: Druknet (Bhutan Telecom), Tashi Cell and ITU Measuring the Information Society Report 2014

Chart 1.18: Mobile Broadband subscriptions, by World Region and Bhutan, 2014



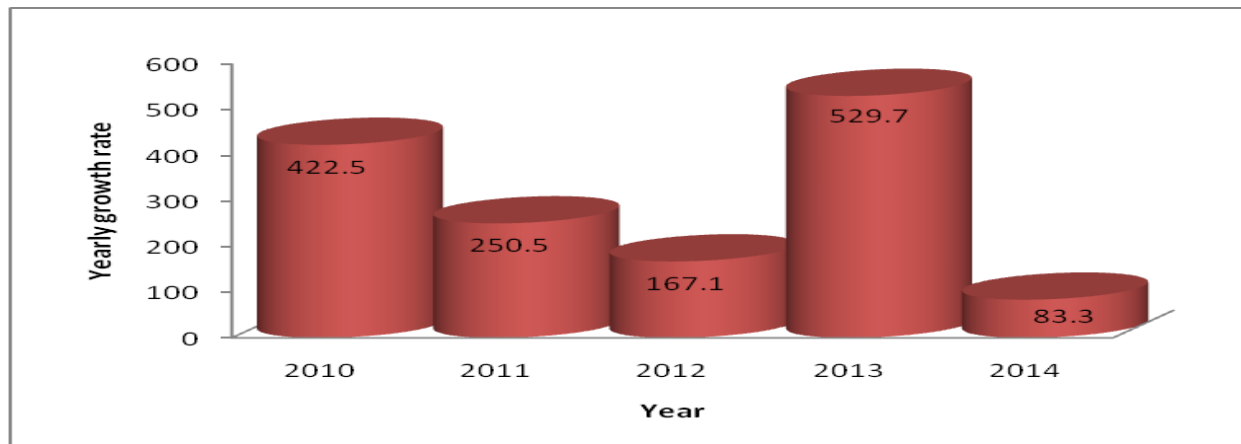
Source: Druknet (Bhutan Telecom), Tashi Cell and ITU Measuring the Information Society Report 2014

Pie-Chart 1.2: Mobile Broadband subscriptions, by Market Share, Bhutan, 2013-2014



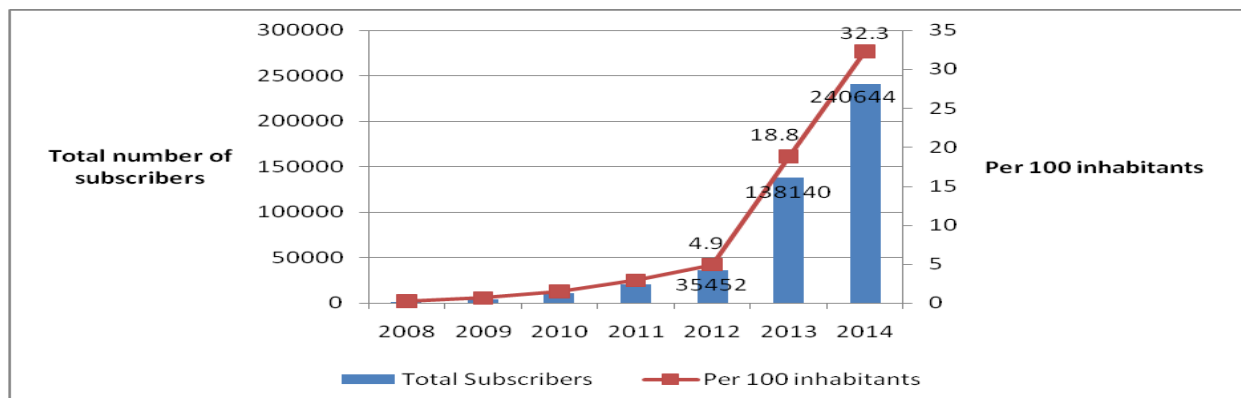
Source: Druknet (Bhutan Telecom) and Tashi Cell

Chart 1.19: Yearly Mobile Broadband subscriptions growth rate, 2010-2014



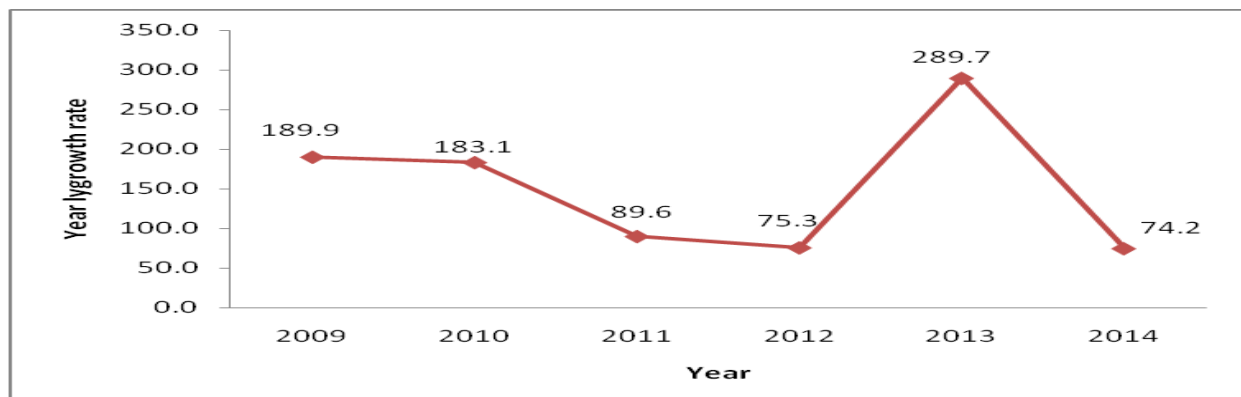
Source: Druknet (Bhutan Telecom), Tashi Cell

Chart 1.20: Broadband (Fixed (wired) and Mobile) subscriptions, 2008-2014



Source: ISPs (Bhutan)

Chart 1.21: Yearly Broadband growth/decrease rate, 2009-2014

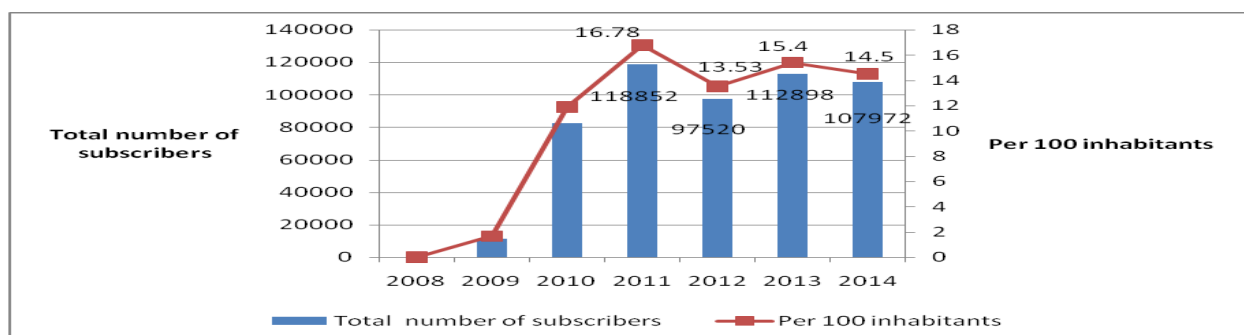


Source: ISPs (Bhutan)

Mobile Internet (GPRS/EDGE)

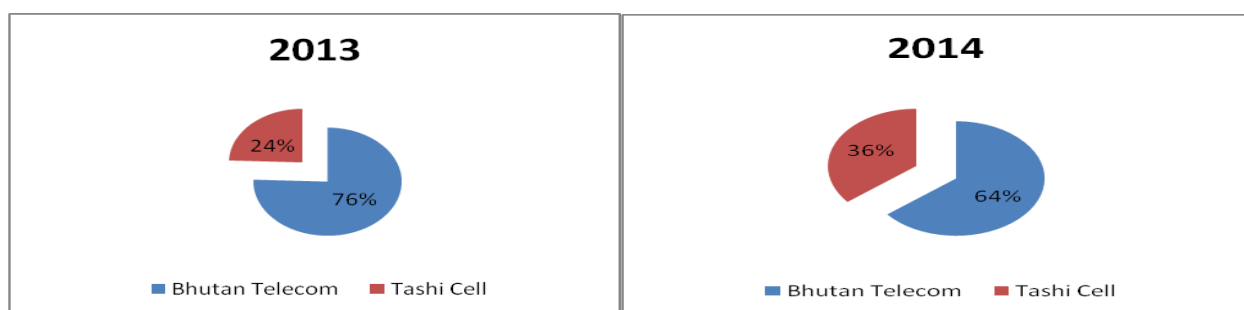
With the tremendous growth in Mobile Broadband subscriptions, the Mobile Internet (GPRS/EDGE) subscriptions/users decreased slightly from 112,898 subscribers in 2013 to 107,972 subscribers in 2014 i.e. a decrease of 4.4%.

Chart 1.22: Mobile Internet (GPRS/EDGE) subscriptions, 2008-2014



Source: Druknet (Bhutan Telecom), Tashi Cell

Pie-chart 1.3: Mobile Internet, by Market share, 2013-2014



Source: Druknet (Bhutan Telecom), Tashi Cell

1.6. Basic Postal Infrastructure Information

Table 1.3: Postal Infrastructure, 2008-2014 Bhutan

Postal Infrastructures	2008	2009	2010	2012	2013	2014
General Post Offices	2	2	4	4	4	4
Post Offices	41	41	40	39	40	40
Community Mail Offices	47	32	30	41	30	30
Total	127	112	114	128	74	74

Source: Bhutan Postal Corporation

1.7. 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. License for Bhutan Youth newspaper was terminated in 2014. Since 1st August, 2013 Bhutan Observer discontinued its print version and is available online only. There are seven licensed Radio Broadcasters, including BBS (Bhutan Broadcasting Service) – a state owned broadcaster, which also provides television services.

Following provides a chronology in the evolution of print media as of 2014 end:

Print Media:

- i. Kuensel, launched in 1967 as an internal Government bulletin and daily since 27th April 2009;
- ii. Bhutan Times, launched on 30th April, 2006;
- iii. Bhutan Observer, launched on 2nd June, 2006- limited online version;
- iv. Bhutan Today, launched on 30th October, 2008;
- v. Business Bhutan, launched on 26th September, 2009;
- vi. The Journalist, launched on 20th December, 2009;
- vii. Druk Nyetshuel launched on 29th August, 2010;
- viii. Druk Yoezer launched on 19th February, 2011;
- ix. Druk Gyalyong Sharshog, launched in 12th November, 2011;
- x. The Bhutanese, launched on 21st February, 2012;
- xi. Druk Melong, launched on 20th May, 2012;
- xii. *Bhutan Youth*, launched on 21st February, 2012 (license terminated).

Radio Broadcasters:

- i. Bhutan Broadcasting Services (BBS), launched on November, 1973. Additional Dzongkha only channel launched on 21st February, 2013;
- ii. Kuzoo FM launched, on 1st September, 2006;
- iii. Radio Valley launched, on 12th April, 2007;
- iv. Centennial Radio, launched on 21st September, 2008;
- v. Sherubtse Community Radio, launched on 8th May, 2009;
- vi. Radio High, launched on 5th August, 2010;
- vii. Radio Wave, launched on 12th October, 2010.

Television:

- i. Bhutan Broadcasting Services (BBS) launched on 2nd June 1999 and currently has two Channels: BBS 1 and BBS 2.

Magazines¹⁴:

- i. Yewong, launched on 1st October, 2009;
- ii. Druk Trowa, launched on November 2009;
- iii. Student Digest, launched on October 2010;
- iv. Bhutan Timeout, launched on 11th April 2012;
- v. Voyager, launched on 9th August 2013;
- vi. The Raven.

1.8. Television and Film Industry:

1.8.1. Television Network:

Bhutan Broadcasting Service (BBS) is the sole nationwide television network operator in the country. BBS also provides nationwide FM/ radio services.

Table 1.4: Existing Television network stations, owned and operated by BBS, by Dzongkhag, 2014

Sl. No	Dzongkhag	No. of stations	Sl. No	Dzongkhag	No. of stations
1	Bumthang	1	11	Samtse	1
2	Chukha	2	12	Sarpang	2
3	Dagana	1	13	Samdrupjongkhar	0
4	Gasa	0	14	Thimphu	2
5	Haa	1	15	Trongsa	1
6	Lhuntse	2	16	Trashigang	3
7	Monggar	1	17	Trashi Yangtse	1
8	Paro	1	18	Tsirang	1
9	Punakha	0	19	Wangdue Phodrang	1
10	Pema Gatshel	2	20	Zhemgang	1

Source: BBS (Bhutan Broadcasting Service)

¹⁴ Source: Bhutan Media Foundation

1.8.2. Cable Television Services:

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

Table 1.5: Cable Television Operators, Bhutan, 2014

Dzongkhag	Number of Operator(s)	Name
Bumthang	3	1. M/s T.D Cable Network. 2. M/s Tashi Rabten Cable Network, Chumey. 3. M/s USD Cable.
Chukha	4	1. M/s Cable Sat Club (Phuentsholing) 2. M/s Tshela Cable Service (Phuentsholing) 3. M/s Kharung Cable TV Network, Gedu 4. M/s Karma Cable, Chukha
Dagana	4	1. M/s Kalikhola Cable Service, Lhamoy Zinkha. 2. M/S T and T Cable. 3. M/s CT Cable, Dagapela 4. M/S Nima Cable, Drujegang
Gasa	0	
Haa	1	1. M/s Lekey Cable Network.
Lhuntse	1	1. M/s Namsel Norbu Cable Service.
Monggar	4	1. M/s K.R Cable TV Service. 2. M/s Sonam Dhendup Cables, Gyelposhing. 3. M/s Yiwong Cable Service Sangore. 4. M/s Yeshe Darjeeling Cable, Yadi
Paro	2	1. M/s Sigma Cable Service. 2. M/S TD Metho Cable, Drugyel.
Punakha	4	1. M/S Punab Cable. 2. M/s Tshochay Cables, Thinleygang. 3. M/s Damchen Cable Service, Lobesa. 4. M/S Tee Dee Cable, Kabesa.
Pema Gatshel	3	1. M/s Nima Cable, Nganglam. 2. M/s Dawa Cable Network Nganglam. 3. M/s Deojung Cable Service, Rinchenthang, Nganglam.
Sarpang	5	1. M/S J Choda Cable. 2. M/s Nima Cable Network, Gelephu

		3. M/s Yoezer Cable, Jigmeling. 4. M/s Yoedzel cable, Gelephu Tshongkhang, Gelephu 5. M/s SNS Cable Network, Gelephu
Samtse	5	1. M/s SKD Cable TV Service. 2. M/s R.G Cable Service, Gomtu. 3. M/S Namkhair Cable Service, Dorokha 4. M/S Gurung Cable Network, Tendu. 5. M/s Tshering Cable, Yoeseltse.
Samdrup Jongkhar	4	1. M/s Phakpa Cable Service. 2. Ms/s Anjan & Bro Cable. 3. M/s S.T Cable. 4. M/s Tashi Wangmo Cable, Jomotshangkha.
Thimphu	3	1. M/s Norling Cable TV. 2. M/s Nakchung Cable Service, K/drapchu. 3. M/s Etho Metho Cable Service.
Trashigang	5	1. M/s N.P Cable Service, Kanglung. 2. M/s S.C Cable Service, Khaling. 3. M/s TC Cable Service, Wamrong. 4. M/s Kinga Cable, Bartsham. 5. M/s Tshering Norbu Cable.
Trashi Yangtse	2	1. M/s Damnyen Cable Service. 2. M/s Gaki Phuntsho, Doksum.
Tsirang	2	1. M/S Yuden Cable Service. 2. Migma Cable, Mendeygang.
Trongsa	2	1. M/s J.N Cable Service. 2. M/s Tshodak Cable.
Wangdue Phodrang	6	1. M/S TT Cable Service. 2. M/s Damchen Cable Service, Bajothang 3. M/s RC Cable Service. 4. M/s Kuenphen Cable Services, Nobding 5. M/s Dragon Cable Service. 6. M/S Phuntsho Ngaden Cable, Bajothang
Zhemgang	4	1. M/s Kezang Cable. 2. M/S Dawa Cable, Yebilaptsha. 3. M/s D.D Cable Service, Buli 4. M/s Uphel Pelring Cable Services, Panbang.
Grand Total	64	

Source: Bhutan Info-Comm. and Media Authority

1.8.2: Film Statistics:

Table 1.6: List of Films produced and released in 2014

Sl. NO.	Film	Production house
1	Mermaid 2	Tshomem Production
2	Drang Gollay	Kuenphen Dorji Picts
3	Kushuthara(The Pattern of Love)	Bhutan Infotainment
4	Sho Sho Wai	Singyel Pictures
5	Chogyal Dremed Kuendhen	Norling Drayang
6	Sheychi Ngagi	Yoed dhen Picts
7	Baeyul (the hidden Paradise)	Yarkay Production
8	Gazoom	Dhenphel Production
9	Nga Ga Mo	Karma Norzoey Drukdra Production
10	Loetay Hingtay	Precious Picture
11	Jignang	Thujay Kuenchab Entertainment
12	Zhingkhram	Sem Thuen Puencha Production
13	Samoo	Pejam Rigsel Pictures
14	Mendrel	Choezang Motion Picture
15	Sayi Lhamo	Atsara Entertainment
16	Meto Pema	Reitna Bhada Production
17	Mother Land	Dawa Yoezer Production
18	The Promise of Pemai Tshewang Tashi	Thukro Production
19	Gaa Gee Laab moo	Kalapingkha Entertainment
20	Nga Kinley Chegi Super Man	Drugi Melong
21	Terma	Kamala Studio

Source: Film Association of Bhutan, 2014

Chapter Two – Aviation and Surface Transport

1. Aviation Sector:

1.1. Airlines in Bhutan, by History, Aircraft fleet and Route:

Name of the Airline	Establishment Date	Aircraft fleet	Current operational routes	
			International	Domestic ¹⁵
Drukair, Royal Bhutan Airlines (Drukair Corporation Limited)	5 th April, 1981 International services launched on 11 th February, 1983 Domestic services launched on 17 th December 2011	Airbus A319 – 3 (each with a seating capacity of 114 passengers). ATR- 42 - 1 (with seating capacity of 48 passengers).	New Delhi, India Kolkata, India Guwahati, India Bagdogra, India Gaya, India Mumbai, India Dhaka, Bangladesh Kathmandu, Nepal Bangkok, Thailand Singapore Yangon, Myanmar ¹⁶	Yonphula Bumthang Gelephu
Tashi Air, Bhutan Airlines (Tashi Air Private limited)	4 th December, 2011 International services began on 10 th October, 2013. Domestics services to Yonphula and Bumthang launched on 17 th December, 2011 but suspended since May 2012	Airbus A319 – 2 (seating capacity of 122)	Bangkok, Thailand via Kolkata, India Kathmandu, Nepal	

¹⁵ Domestic air services to Gelephu and Yonphula currently not operating due to up-gradation works

¹⁶ Currently suspended

1.1.1. Airline Crew Statistics:

Table 2.1: Airline Crew statistics, by Airline, 2014

Crew	Drukair	Tashi Air
Bhutanese Captain	6	4
Expatriate Captain	8	0
Senior First Officer	3	1
First Officer	6	2
Expatriate First Officer	0	3
Trainee Pilot	2	2
Total	25	12

Source: Drukair and Tashi Air

1.2. Airport and Helipad

1.2.1. Airport Details

Type of airport(s)¹⁷	Place	Altitude / Elevation above MSL	Runway length	Runway width	Aerodrome Reference classification
International airport	Paro	2237 M	2265 m	30 m	4C
Domestic	Yonphula	2780 M	1300 m	30m	2B
Domestic	Bumthang	2550 M	1200 m	30m	2B
Domestic	Gelephu	300 M	1500m	30m	2B

Source: Department of Civil Aviation

¹⁷ Gelephu and Yonphula domestic airports being enhanced

1.2.2: Number of Helipads¹⁸: 61

Table 2.2: Helipad Information

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	Lhuentse	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	
8	Paro	Gunichawa	3			Yonphula	
		Sooe		16	Trashi Yangtse		0
		Chekha		17	Tsirang	Tsirang	2
9	Punakha	Punakha	3			Goshi	

¹⁸ Helipads in this context mean areas where a helicopter can land and not necessarily black topped surface especially dedicated for helicopter operation

		Takshikha		18	Trongsa	Trongsa	1
		Koina		19	Wangdue Phodrang	Wangdi Phodrang	1
10	Pema Gatshel		0	20	Zhemgang	Zhemgang	2
11	Sarpang	Gelephu				Panbang	
		Batasu		Grand Total			61
		Beteni	8				
		Kalikhola					
		Sarpang					
		Gongkhula					
		Piping					
		Hatisar (Lodrai)					

Source: Department of Civil Aviation

1.3. International Air Services:

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	

1.3.1. International Air Passengers:

The national airline Drukair and the country's first privately owned airline Tashi Air, together carried 296, 422 international air passengers in 2014, an increase of 38.5 % compared to 2013.

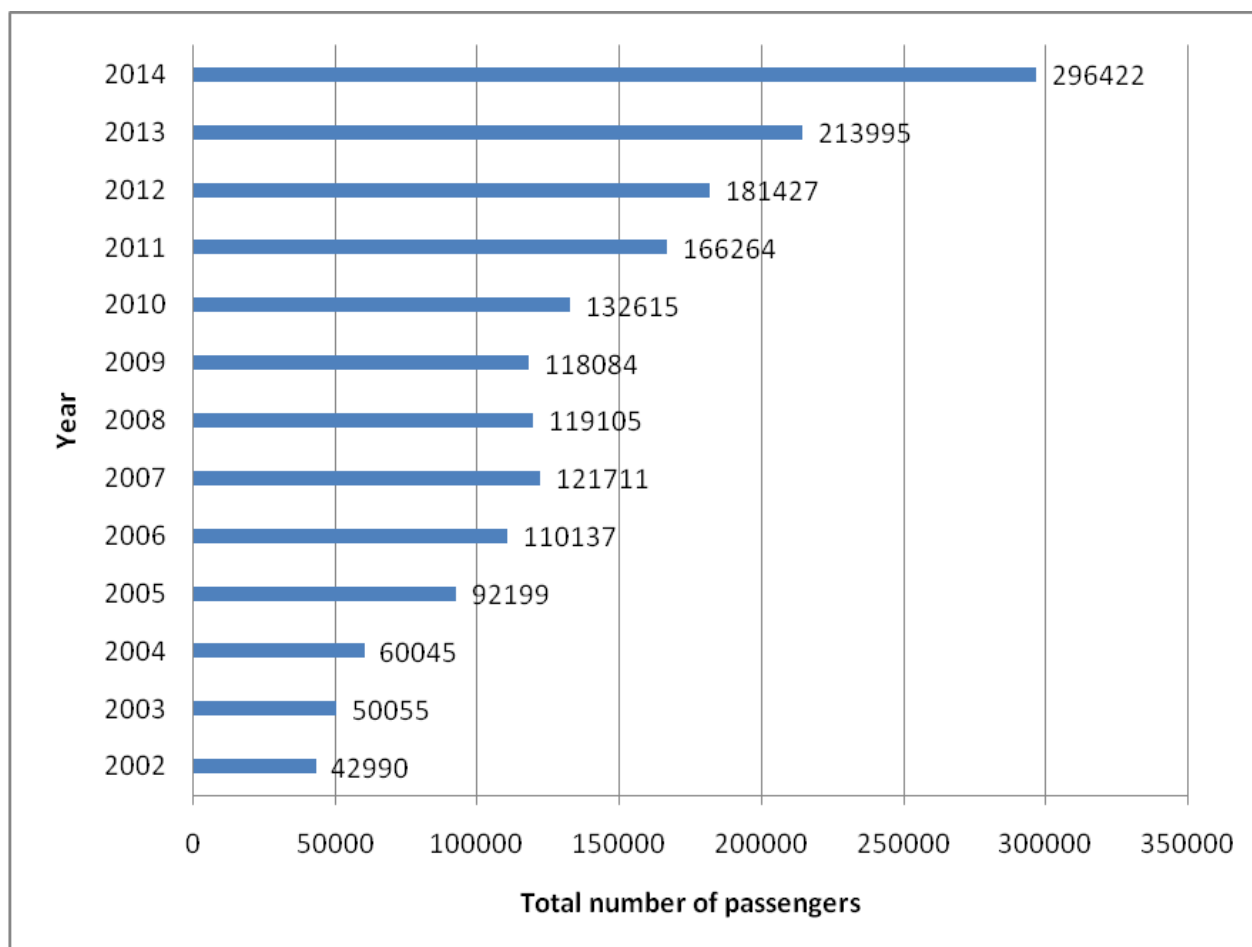
Table 2.3: International Air Passenger flow, by Airline and Sector, 2014

Sector	Drukair	Tashi Air	Sub-Total
From Paro to			
New Delhi	18280	0	18280
Bangkok	28984	16722	45706
Kathmandu	21515	4378	25893
Kolkata	9337	5326	14663
Gaya	992	0	992
Dhaka	4595	0	4595
Bagdogra	2209	0	2209
Guwahati	1306	0	1306
Singapore	3915	0	3915
Mumbai	3187	0	3187
Sub-Total			120746
To Paro from			
New Delhi	18242	25	18267
Bangkok	27296	17110	44406
Kathmandu	21604	4009	25613
Kolkata	8323	5010	13333
Gaya	891	0	891
Dhaka	4886	0	4886
Bagdogra	2560	0	2560
Guwahati	1043	0	1043
Singapore	3635	0	3635
Mumbai	3356	0	3356
Sub-Total			117990
Other connecting sectors:			
Kathmandu - New Delhi	2255	0	2255
New Delhi- Kathmandu	464	0	464
Gaya- Bangkok	701	0	701
Bangkok-Gaya	738	0	738
Dhaka- Bangkok	2127	0	2127
Bangkok- Dhaka	1277	0	1277

Bagdogra- Bangkok	2691	0	2691
Bangkok-Bagdogra	2401	0	2401
Guwahati-Bangkok	1840	0	1840
Bangkok- Guwahati	1599	0	1599
Kolkata-Singapore	3877	0	3877
Singapore-Kolkata	4212	0	4212
Kolkata-Bangkok	0	16876	16876
Bangkok-Kolkata	0	16628	16628
Sub-Total			57686
Grand Total Passenger Flow			296,422

Source: Drukair and Tashi Air

Chart 2.1: Annual International Air Passenger Flow (International Routes), 2002-2014



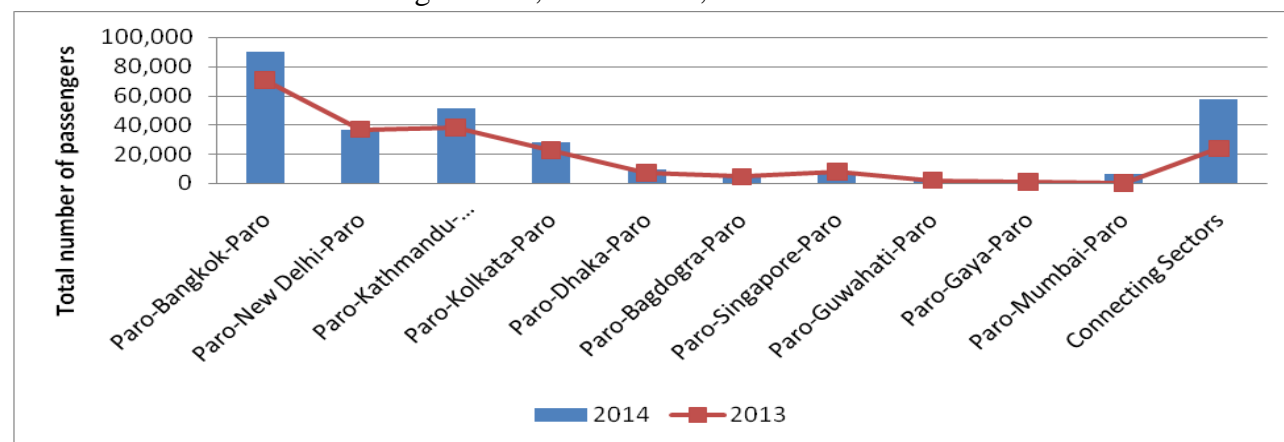
Source: Drukair and Tashi Air

Table 2.4: International Passengers, by Sector and flow share, 2014

Sector(s)	No. of passengers (2013)	No. of passengers (2014)	% share among sectors (2014)	% Increase / decrease from 2013
Paro-Bangkok-Paro	70,519	90,112	30.4	27.8
Paro-New Delhi-Paro	36,734	36,547	12.3	-0.5
Paro-Kathmandu-Paro	38,077	51,506	17.4	35.3
Paro-Kolkata-Paro	22,741	27,996	9.4	23.1
Paro-Dhaka-Paro	7,165	9,481	3.2	32.3
Paro-Bagdogra-Paro	4,404	4,769	1.6	8.3
Paro-Singapore-Paro	7,667	7,550	2.5	-1.5
Paro-Guwahati-Paro	1,932	2,349	0.8	21.6
Paro-Gaya-Paro	1000	1883	0.6	88.3
Paro-Mumbai-Paro	0	6543	2.2	
Connecting sector ¹⁹	23,756	57,686	19.5	142.8
Grand Total	213,995	296,422	100.0	38.5

Source: Drukair and Tashi Air

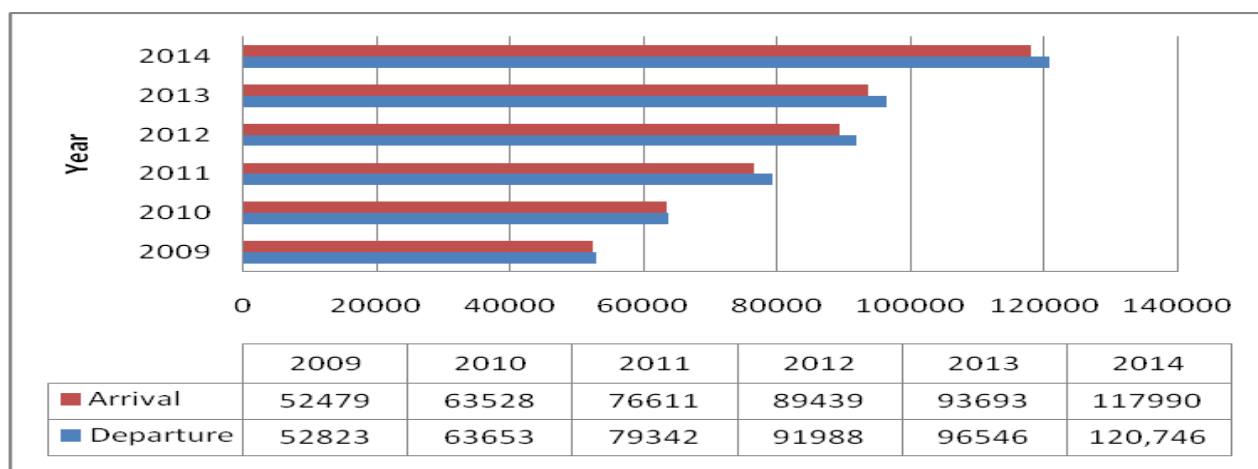
Chart 2.2: International Passengers flow, Sector wise, 2013 & 2014



Source: Drukair and Tashi Air

¹⁹ Kathmandu-New Delhi-Kathmandu, Gaya-Bangkok-Gaya, Dhaka-Bangkok-Dhaka, Bagdogra-Bangkok-Bagdogra, Guwahati-Bangkok-Guwahati, Kolkata-Singapore-Kolkata, Kolkata-Bangkok-Kolkata

Chart 2.3: International Passengers (Departure and Arrival) handled by Paro International Airport, 2009-2014



Source: Drukair and Tashi Air

1.4. 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 two domestic air service operators. However, Tashi Air has currently suspended its domestic operations. Further, scheduled flights to Yonphula and Gelephu are also suspended due to the ongoing up-gradation works at the Yonphula and Gelephu domestic airports.

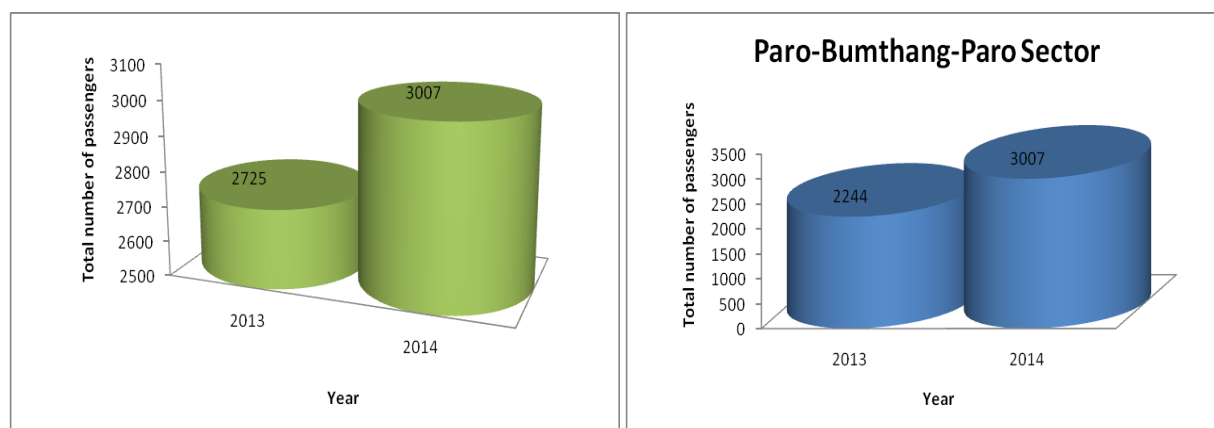
The total number of domestic air passengers increased by 10.3% in 2014 compared to 2013.

Table 2.5: Domestic Passenger Flow, 2014

Sector	International passengers	Local passengers	Total Passengers	Number of Flights
Paro-Bumthang	919	444	1,363	131
Bumthang-Paro	1,217	427	1,644	132
Total	2,136	871	3,007	263

Source: Drukair

Chart 2.4: Domestic Air passengers, by year (right) and sector (left), 2013-14



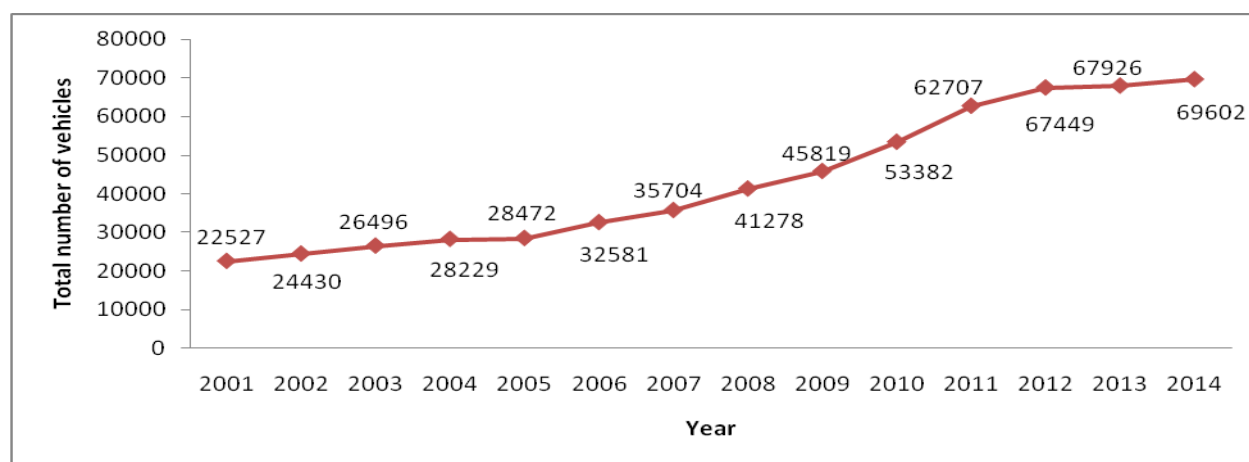
Source: Drukair

2. Surface Transport

2.1. Motor Vehicle growth trend:

With an average annual growth rate of 11%, the total number of vehicles has been steadily increasing in Bhutan. However, after the enforcement of temporary prohibition on the import of vehicles, vehicle growth decreased to 0.71% in 2013. Nevertheless, after lifting the prohibition on the import of vehicles in June 2014, the total number of vehicles (as of December 2014) reached 69,602²⁰ compared to 67,926 vehicles in 2013, i.e. an increase of 2.5%.

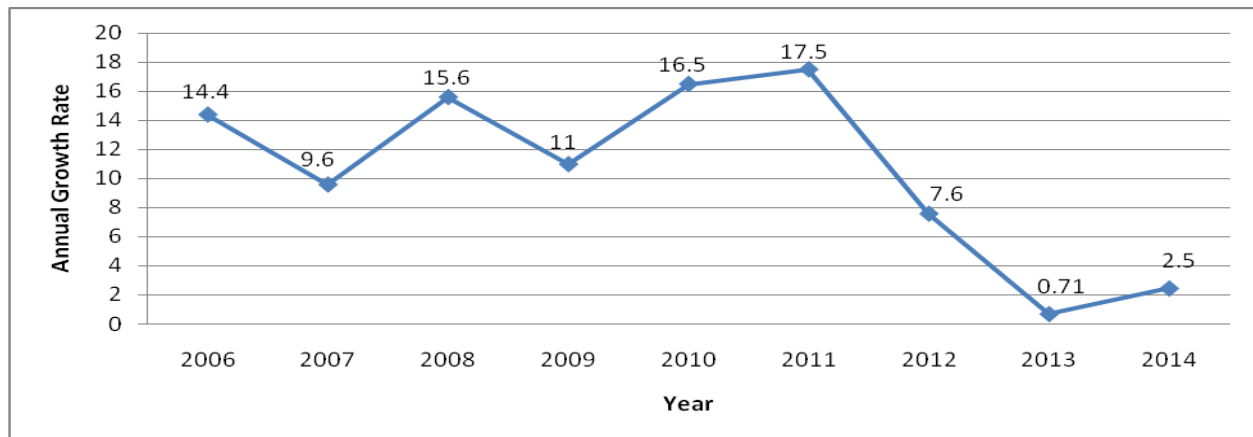
Chart 2.5: Vehicle Growth Trend, 2001-2014



Source: Road Safety and Transport Authority

²⁰ The total number of vehicles is calculated by deregistering the off road vehicles from the total number of vehicles in 2013 and then by adding the total number of vehicles imported in 2014.

Chart 2.6: Annual Vehicle Growth Rate, 2006-2014



Source: Road Safety and Transport Authority

Table 2.6: Total number of vehicles, by Year and Type, 2001-2014

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

Source: Road Safety and Transport Authority

2.2. Vehicle Distribution and Ownership pattern, 2014

In terms of vehicle distribution, 52.9% (a decrease of 0.3% from 2013) of total vehicles are registered under Thimphu²¹ region, 36.2% under Phuentsholing²² region, 4.9% (an increase of 0.2% from 2013) under Gelephu²³ region, 5.9% under Samdrupjongkhar²⁴ region (a decrease of 0.06% from 2013) and 0.1 % under newly created Monggar region²⁵. In terms of ownership, Government agencies²⁶ and Public Sector Corporations own about 8.5% of the total vehicles, 91.3% are owned by Private Organizations/Individuals and the remaining 0.2% is registered with the Diplomatic missions in Bhutan and as BHT.

²¹ Covers six Dzongkhags: Thimphu, Paro, Haa, Wangdue, Punakha and Gasa

²² Covers two Dzongkhags: Chhukha and Samtse

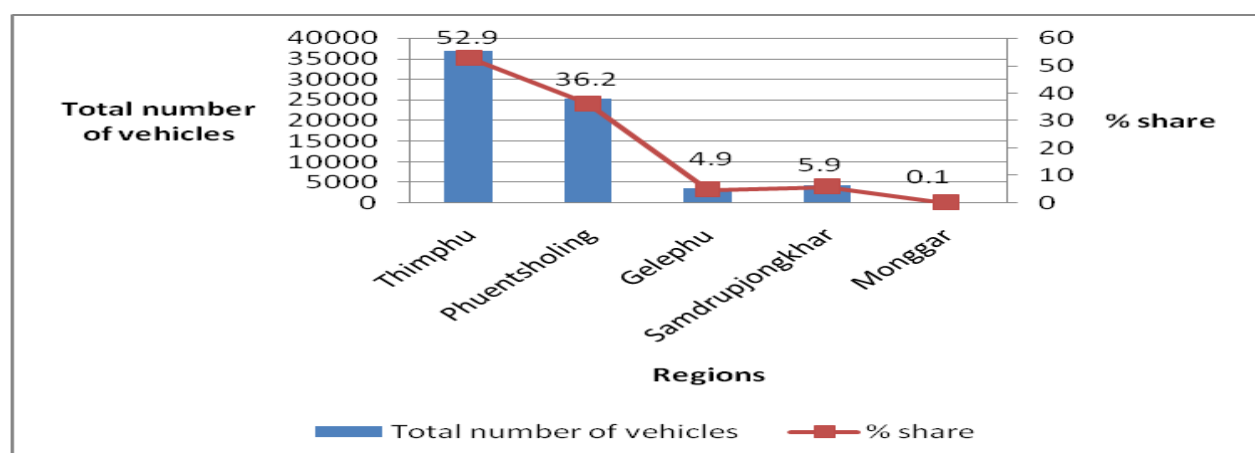
²³ Covers six Dzongkhags: Gelephu, Zhemgang, Trongsa, Bumthang, Tsirang and Dagana

²⁴ 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.

²⁵ 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.

²⁶ The number excludes vehicles owned by armed forces

Chart 2.7: Total number of Vehicles, by Region and % Share, 2014



Source: Road Safety and Transport Authority

Table 2.7: Total number of registered Vehicles, by Region and % Share, 2012-2014

Region/ Year	Total number of vehicles			% share of registered vehicles		
	2014	2013	2012	2014	2013	2012
Thimphu	36796	36130	35965	52.9	53.2	53.3
Phuentsholing	25196	24578	24416	36.2	36.2	36.2
Gelephu	3407	3172	3102	4.9	4.7	4.6
Samdrupjongkhar	4103	4046	3966	5.9	5.96	5.9
Monggar	100	0	0	0.1	0.0	0
Total	69,602	67,926	67,449	100	100	100

Source: Road Safety and Transport Authority

Table 2.8: Vehicles owned by Government and Public Sector Corporations, 2001-2014

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

Source: Road Safety and Transport Authority

Table 2.9: Vehicles owned by Private Organizations/Individuals, 2001-2014

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

Source: Road Safety and Transport Authority

Table 2.10: Total number of Vehicles- by Region, Month, Type and Ownerships, 2014:

January

Region	Owner-ship	HV	MV	LV	TW	PT	Trac.	EME	Taxi	Total
Thimphu	Govt.	549	35	1487	521	49	47	116	0	2804
Phuentsholing		517	135	643	585	0	17	57	0	1954
Gelephu		60	18	163	114	0	5	37	0	397
Samdrupjongkhar		49	38	224	240	9	20	40	0	620
Sub-total		1175	226	2517	1460	58	89	250	0	5775
Thimphu	Private	2155	272	22322	3632	740	68	503	3507	33199
Phuentsholing		4579	736	11932	2585	66	124	1125	1474	22621
Gelephu		263	76	1227	893	103	11	49	149	2771
Samdrupjongkhar		356	40	1495	1163	242	26	43	59	3424
Sub-total		7353	1124	36976	8273	1151	229	1720	5189	62015
Thimphu	BHT	0	0	56	0	0	0	0	0	56
Phuentsholing		0	0	0	0	0	0	0	0	0
Gelephu		0	0	0	0	0	0	0	0	0
Samdrupjongkhar		0	0	0	0	0	0	0	0	0
Sub-total		0	0	56	0	0	0	0	0	56
Thimphu	Dip-lomats	0	0	56	5	0	0	0	0	61
Phuentsholing		0	0	0	0	0	0	0	0	0
Gelephu		0	0	0	0	0	0	0	0	0
Samdrupjongkhar		0	0	0	0	0	0	0	0	0
Sub-total		0	0	56	5	0	0	0	0	61
Grand Total		8528	1350	39605	9738	1209	318	1970	5189	67907

February

Region	Owner-ship	HV	MV	LV	TW	PT	Trac.	EME	Taxi	Total
Thimphu	Govt.	549	35	1487	521	49	47	116	0	2804
Phuentsholing		518	135	644	588	0	17	57	0	1959
Gelephu		60	18	163	114	0	5	37	0	397
Samdrupjongkhar		49	38	224	240	9	20	40	0	620
Sub-total		1176	226	2518	1463	58	89	250	0	5780
Thimphu	Private	2153	272	22319	3630	749	68	504	3503	33198
Phuentsholing		4575	733	11931	2584	66	124	1126	1474	22613
Gelephu		264	76	1227	893	104	11	49	149	2773
Samdrupjongkhar		355	40	1495	1162	242	26	44	59	3423
Sub-total		7347	1121	36972	8269	1161	229	1723	5185	62007
Thimphu	BHT	0	0	56	0	0	0	0	0	56
Phuentsholing		0	0	0	0	0	0	0	0	0
Gelephu		0	0	0	0	0	0	0	0	0

<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	56	0	0	0	0	0	56
<i>Thimphu</i>	Dip- lomats	0	0	57	5	0	0	0	0	62
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	57	5	0	0	0	0	62
Grand Total		8523	1347	39603	9737	1219	318	1973	5185	67905

March

Region	Owner ship	HV	MV	LV	TW	PT	Trac	EME	Taxi	Total
<i>Thimphu</i>	Govt.	549	34	1486	516	49	47	116	0	2797
<i>Phuentsholing</i>		520	135	644	588	0	17	57	0	1961
<i>Gelephu</i>		61	17	164	114	0	5	37	0	398
<i>Samdrupjongkhar</i>		47	36	222	240	9	20	40	0	614
Sub-total		1177	222	2516	1458	58	89	250	0	5770
<i>Thimphu</i>	Private	2151	276	22334	3632	754	68	504	3498	33217
<i>Phuentsholing</i>		4558	733	11945	2583	66	124	1126	1474	22609
<i>Gelephu</i>		264	77	1228	891	104	11	49	148	2772
<i>Samdrupjongkhar</i>		355	40	1496	1162	242	26	44	59	3424
Sub-total		7328	1126	37003	8268	1166	229	1723	5179	62022
<i>Thimphu</i>	BHT	0	0	56	0	0	0	0	0	56
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	56	0	0	0	0	0	56
<i>Thimphu</i>	Dip- lomats	0	0	57	5	0	0	0	0	62
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	57	5	0	0	0	0	62
Grand Total		8505	1348	39632	9731	1224	318	1973	5179	67910

April

Region	Owner ship	HV	MV	LV	TW	PT	Trac.	EME	Taxi	Total
<i>Thimphu</i>	Govt.	549	34	1509	515	49	47	116	0	2819
<i>Phuentsholing</i>		520	135	645	588	0	17	59	0	1964
<i>Gelephu</i>		61	16	164	114	0	5	37	0	397
<i>Samdrupjongkhar</i>		47	36	221	239	9	20	40	0	612
Sub-total		1177	221	2539	1456	58	89	252	0	5792

<i>Thimphu</i>	Private	2153	275	22357	3633	761	68	504	3491	33242
<i>Phuentsholing</i>		4557	733	11969	2616	66	124	1127	1473	22665
<i>Gelephu</i>		264	77	1232	890	104	11	49	148	2775
<i>Samdrupjongkhar</i>		356	40	1496	1162	242	26	44	59	3425
Sub-total		7330	1125	37054	8301	1173	229	1724	5171	62107
<i>Thimphu</i>	BHT	0	0	55	0	0	0	0	0	55
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	55	0	0	0	0	0	55
<i>Thimphu</i>	Dip-lomats	0	0	54	5	0	0	0	0	59
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	54	5	0	0	0	0	59
Grand Total		8507	1346	39702	9762	1231	318	1976	5171	68013

May

Region	Owner ship	HV	MV	LV	TW	PT	Trac.	EME	Taxi	Total
<i>Thimphu</i>	Govt.	549	34	1509	514	64	47	116	0	2833
<i>Phuentsholing</i>		521	136	645	588	0	17	59	0	1966
<i>Gelephu</i>		61	16	165	114	0	6	37	0	399
<i>Samdrupjongkhar</i>		47	36	221	239	10	20	41	0	614
Sub-total		1178	222	2540	1455	74	90	253	0	5812
<i>Thimphu</i>	Private	2152	275	22368	3635	774	68	504	3489	33265
<i>Phuentsholing</i>		4552	732	11967	2616	66	124	1131	1471	22659
<i>Gelephu</i>		264	77	1232	890	104	11	49	148	2775
<i>Samdrupjongkhar</i>		356	40	1496	1162	243	26	44	59	3426
Sub-total		7324	1124	37063	8303	1187	229	1728	5167	62125
<i>Thimphu</i>	BHT	0	0	55	0	0	0	0	0	55
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	55	0	0	0	0	0	55
<i>Thimphu</i>	Dip-lomats	0	0	54	5	0	0	0	0	59
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	54	5	0	0	0	0	59
Grand Total		8502	1346	39712	9763	1261	319	1981	5167	68051

June

Region	Owner ship	HV	MV	LV	TW	PT	Trac.	EME	Taxi	Total
Thimphu	Govt.	549	34	1511	513	77	47	116	0	2847
Phuentsholing		521	136	649	589	0	17	59	0	1971
Gelephu		61	16	165	113	0	6	37	0	398
Samdrupjongkhar		47	36	221	239	10	20	41	0	614
Sub-total		1178	222	2546	1454	87	90	253	0	5830
Thimphu	Private	2151	277	22394	3636	789	68	507	3483	33305
Phuentsholing		4545	737	11987	2615	66	125	1128	1470	22673
Gelephu		264	77	1237	889	104	13	49	148	2781
Samdrupjongkhar		356	40	1497	1162	244	26	44	58	3427
Sub-total		7316	1131	37115	8302	1203	232	1728	5159	62186
Thimphu	BHT	0	0	55	0	0	0	0	0	55
Phuentsholing		0	0	0	0	0	0	0	0	0
Gelephu		0	0	0	0	0	0	0	0	0
Samdrupjongkhar		0	0	0	0	0	0	0	0	0
Sub-total		0	0	55	0	0	0	0	0	55
Thimphu	Dip-lomats	0	0	53	5	0	0	0	0	58
Phuentsholing		0	0	0	0	0	0	0	0	0
Gelephu		0	0	0	0	0	0	0	0	0
Samdrupjongkhar		0	0	0	0	0	0	0	0	0
Sub-total		0	0	53	5	0	0	0	0	58
Grand Total		8494	1353	39769	9761	1290	322	1981	5159	68129

July

Region	Owner ship	HV	MV	LV	TW	PT	Trac	EME	Taxi	Total
Thimphu	Govt.	552	34	1515	514	77	47	116	0	2855
Phuentsholing		520	136	649	589	0	17	59	0	1970
Gelephu		61	16	165	113	0	6	37	0	398
Samdrupjongkhar		47	36	221	239	11	20	41	0	615
Sub-total		1180	222	2550	1455	88	90	253	0	5838
Thimphu	Private	2153	280	22410	3635	800	68	510	3480	33336
Phuentsholing		4541	740	11992	2614	66	125	1130	1468	22676
Gelephu		265	77	1238	887	104	15	49	148	2783
Samdrupjongkhar		356	40	1498	1162	244	26	44	58	3428
Sub-total		7315	1137	37138	8298	1214	234	1733	5154	62223
Thimphu	BHT	0	0	55	0	0	0	0	0	55
Phuentsholing		0	0	0	0	0	0	0	0	0
Gelephu		0	0	0	0	0	0	0	0	0
Samdrupjongkhar		0	0	0	0	0	0	0	0	0

Sub-total		0	0	55	0	0	0	0	0	55
<i>Thimphu</i>	Dip-lomats	0	0	52	5	0	0	0	0	57
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	52	5	0	0	0	0	57
Grand Total		8495	1359	39795	9758	1302	324	1986	5154	68173

August

Region	Owner ship	HV	MV	LV	TW	PT	Trac	EME	Taxi	Total
<i>Thimphu</i>	Govt.	551	34	1517	520	77	47	118	0	2864
<i>Phuentsholing</i>		521	136	657	588	0	17	59	0	1978
<i>Gelephu</i>		61	16	164	113	0	6	37	0	397
<i>Samdrupjongkhar</i>		46	36	221	239	11	20	41	0	614
<i>Monggar</i>		0	0	0	0	0	0	0	0	0
Sub-total		1179	222	2559	1460	88	90	255	0	5853
<i>Thimphu</i>	Private	2144	280	22502	3642	803	68	516	3475	33430
<i>Phuentsholing</i>		4540	740	12074	2617	66	125	1129	1467	22758
<i>Gelephu</i>		265	77	1256	889	104	15	49	147	2802
<i>Samdrupjongkhar</i>		356	40	1502	1162	244	26	44	58	3432
<i>Monggar</i>		0	0	3	0	0	0	0	0	3
Sub-total		7305	1137	37337	8310	1217	234	1738	5147	62425
<i>Thimphu</i>	BHT	0	0	55	0	0	0	0	0	55
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
<i>Monggar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	55	0	0	0	0	0	55
<i>Thimphu</i>	Dip-lomats	0	0	49	5	0	0	0	0	54
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
<i>Monggar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	49	5	0	0	0	0	54
Grand Total		8484	1359	40000	9775	1305	324	1993	5147	68387

September

Region	Owner ship	HV	MV	LV	TW	PT	Trac	EME	Taxi	Total
<i>Thimphu</i>	Govt.	544	38	1516	520	78	47	118	0	2861

<i>Phuentsholing</i>		520	136	653	588	0	17	59	0	1973
<i>Gelephu</i>		61	16	164	113	0	6	37	0	397
<i>Samdrupjongkhar</i>		46	36	221	239	11	20	40	0	613
<i>Monggar</i>		0	0	0	0	0	0	0	0	0
Sub-total		1171	226	2554	1460	89	90	254	0	5844
<i>Thimphu</i>	Private	2145	280	22677	3666	803	68	519	3475	33633
<i>Phuentsholing</i>		4533	743	12159	2627	66	125	1131	1465	22849
<i>Gelephu</i>		265	78	1288	888	104	15	49	147	2834
<i>Samdrupjongkhar</i>		356	40	1504	1158	244	26	44	58	3430
<i>Monggar</i>		0	0	6	39	0	0	0	0	45
Sub-total		7299	1141	37634	8378	1217	234	1743	5145	62791
<i>Thimphu</i>	BHT	0	0	55	0	0	0	0	0	55
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
<i>Monggar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	55	0	0	0	0	0	55
<i>Thimphu</i>	Dip-lomats	0	0	49	5	0	0	0	0	54
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
<i>Monggar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	49	5	0	0	0	0	54
Grand Total		8470	1367	40292	9843	1306	324	1997	5145	68744

October

Region	Owner ship	HV	MV	LV	TW	PT	Trac	EME	Taxi	Total
<i>Thimphu</i>	Govt.	544	39	1516	520	80	47	118	0	2864
<i>Phuentsholing</i>		524	138	655	588	0	17	59	0	1981
<i>Gelephu</i>		61	16	164	113	26	6	37	0	423
<i>Samdrupjongkhar</i>		48	36	221	236	40	20	40	0	641
<i>Monggar</i>		0	0	0	0	0	0	0	0	0
Sub-total		1177	229	2556	1457	146	90	254	0	5909
<i>Thimphu</i>	Private	2141	283	22769	3691	803	69	519	3472	33747
<i>Phuentsholing</i>		4534	745	12272	2642	66	125	1133	1463	22980
<i>Gelephu</i>		265	78	1326	893	104	15	50	147	2878
<i>Samdrupjongkhar</i>		356	40	1509	1162	244	26	44	58	3439
<i>Monggar</i>		0	0	22	42	0	0	0	0	64
Sub-total		7296	1146	37898	8430	1217	235	1746	5140	63108
<i>Thimphu</i>	BHT	0	0	55	0	0	0	0	0	55
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0

<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
<i>Monggar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	55	0	0	0	0	0	55
<i>Thimphu</i>	Dip- lomats	0	0	49	5	0	0	0	0	54
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
<i>Monggar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	49	5	0	0	0	0	54
Grand Total		8473	1375	40558	9892	1363	325	2000	5140	69126

November

Region	Owner- ship	HV	MV	LV	TW	PT	Trac	EME	Taxi	Total
<i>Thimphu</i>	Govt.	545	39	1519	520	93	47	118	0	2881
<i>Phuentsholing</i>		523	138	660	588	0	17	59	0	1985
<i>Gelephu</i>		61	18	164	113	26	6	37	0	425
<i>Samdrupjongkhar</i>		48	36	222	235	40	20	40	0	641
<i>Monggar</i>		0	0	1	0	0	0	0	0	1
Sub-total		1177	231	2566	1456	159	90	254	0	5933
<i>Thimphu</i>	Private	2137	285	23039	3722	804	69	519	2709	33284
<i>Phuentsholing</i>		4530	749	12456	2666	66	124	1131	1197	22919
<i>Gelephu</i>		265	79	1351	897	105	15	50	158	2920
<i>Samdrupjongkhar</i>		356	40	1518	1161	244	26	45	54	3444
<i>Monggar</i>		0	0	33	43	0	1	0	0	77
Sub-total		7288	1153	38397	8489	1219	235	1745	4118	62644
<i>Thimphu</i>	BHT	0	0	55	0	0	0	0	0	55
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
<i>Monggar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	55	0	0	0	0	0	55
<i>Thimphu</i>	Dip- lomats	0	0	48	5	0	0	0	0	53
<i>Phuentsholing</i>		0	0	0	0	0	0	0	0	0
<i>Gelephu</i>		0	0	0	0	0	0	0	0	0
<i>Samdrupjongkhar</i>		0	0	0	0	0	0	0	0	0
<i>Monggar</i>		0	0	0	0	0	0	0	0	0
Sub-total		0	0	48	5	0	0	0	0	53
Grand Total		8465	1384	41066	9950	1378	325	1999	4118	68685

December ²⁷

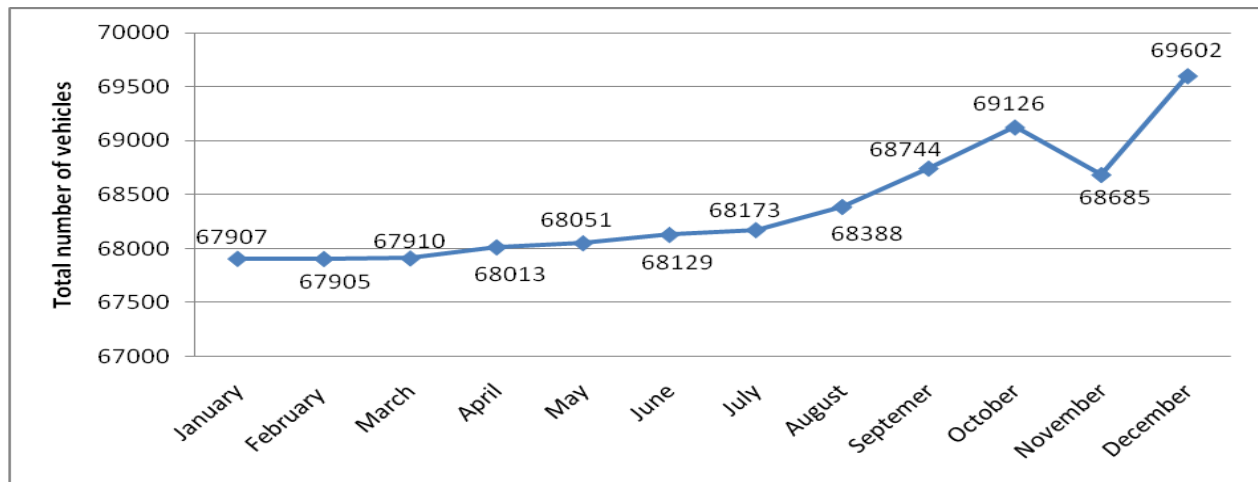
Region	Owner-ship	HV ²⁸	MV	LV	TW	PT	Trac.	EME	Taxi	Total
Thimphu	Govt.	545	39	1520	520	95	47	118	0	2884
Phuentsholing		523	139	668	588	0	17	58	0	1993
Gelephu		61	18	162	111	27	6	37	0	422
Samdrupjongkhar		47	35	221	235	40	20	40	0	638
Monggar		0	0	1	0	0	1	0	0	2
Sub-total		1176	231	2572	1454	162	91	253	0	5939
Thimphu	Private	2139	288	23530	3746	804	70	523	2707	33807
Phuentsholing		4535	752	12720	2680	66	124	1134	1192	23203
Gelephu		267	81	1409	900	105	17	50	156	2985
Samdrupjongkhar		357	40	1539	1160	244	26	45	54	3465
Monggar		0	0	54	43	0	1	0	0	98
Sub-total		7298	1161	39252	8529	1219	238	1752	4109	63558
Thimphu	BHT	0	0	55	0	0	0	0	0	55
Phuentsholing		0	0	0	0	0	0	0	0	0
Gelephu		0	0	0	0	0	0	0	0	0
Samdrupjongkhar		0	0	0	0	0	0	0	0	0
Monggar									0	0
Sub-total		0	0	55	0	0	0	0	0	55
Thimphu	Dip-lomats	0	0	45	5	0	0	0	0	50
Phuentsholing		0	0	0	0	0	0	0	0	0
Gelephu		0	0	0	0	0	0	0	0	0
Samdrupjongkhar		0	0	0	0	0	0	0	0	0
Monggar									0	0
Sub-total		0	0	45	5	0	0	0	0	50
Grand Total		8474	1392	41924	9988	1381	329	2005	4109	69602

Source: Road Safety and Transport Authority, 2014

²⁷ **Vehicle Statistics 2014**

²⁸ HV: Heavy Vehicle; MV: Medium Vehicle; LV: Light Vehicle; PT: Power Tiller; Trac: Tractor; TW: Two Wheeler; EME: Earth Moving Equipment

Chat 2.8: Monthly Motor Vehicle Growth, 2014



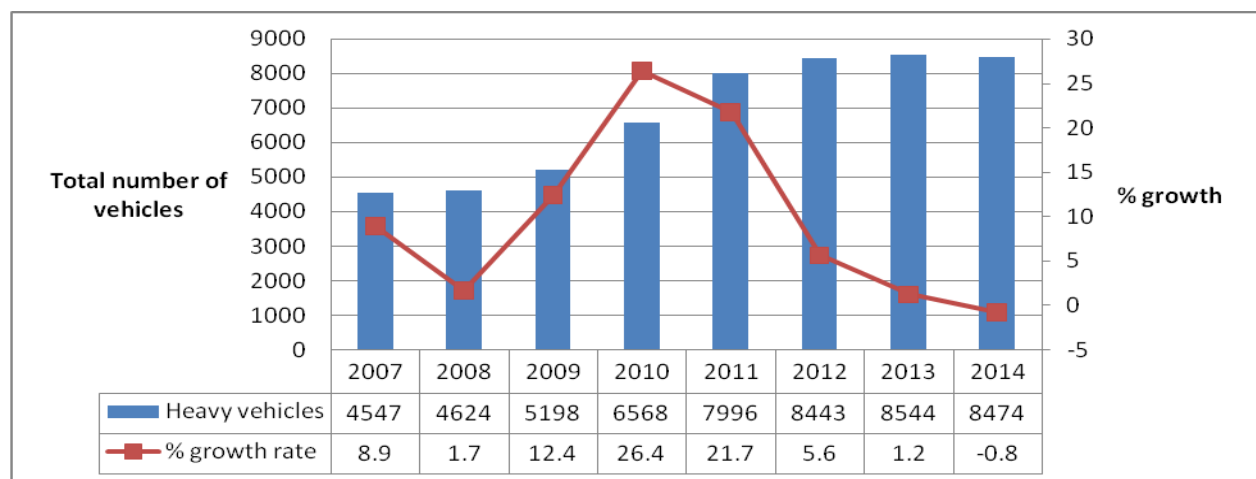
Source: Road Safety and Transport Authority

2.3. Vehicle Growth Trend:

2.3.1. Heavy Vehicles²⁹:

In 2014, the Heavy vehicle category saw a decrease of 0.8 % i.e. 70 less vehicles after adjusting new and off road vehicles, thereby taking its total to 8,474.

Chart 2.9: Total number of Heavy Vehicles and % Annual Growth, 2007-2014



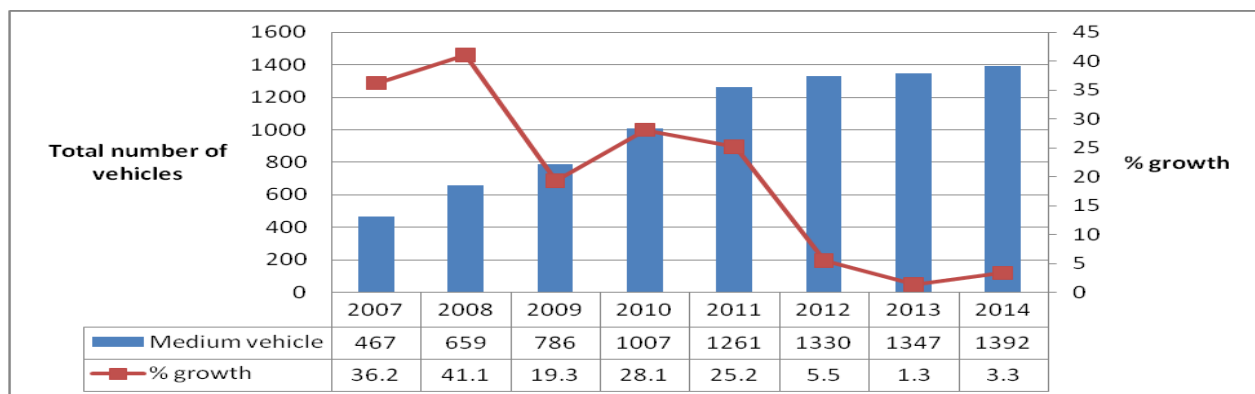
Source: Road Safety and Transport Authority

²⁹ 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

2.3.2. Medium Vehicles³⁰:

Total number of Medium vehicles, after adjusting new and off road vehicles, increased by about 45 numbers or by 3.3% compared to 2013.

Chart 2.10: Total number of Medium vehicles and % Annual Growth, 2007-2014

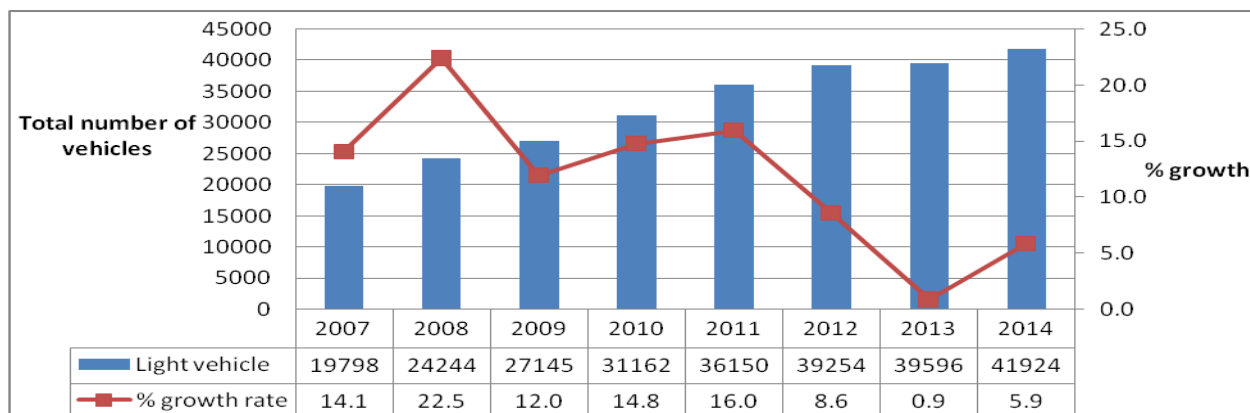


Source: Road Safety and Transport Authority

2.3.3. Light Vehicles³¹:

After adjusting new and off road vehicles, 2,328 light vehicles were added to the Bhutanese roads in 2014 i.e. an increase of 5.9 % from 2013, taking the total number of light vehicles to 41,924.

Chart 2.11: Total number of Light vehicles and % Annual Growth, 2007-2014



Source: Road Safety and Transport Authority

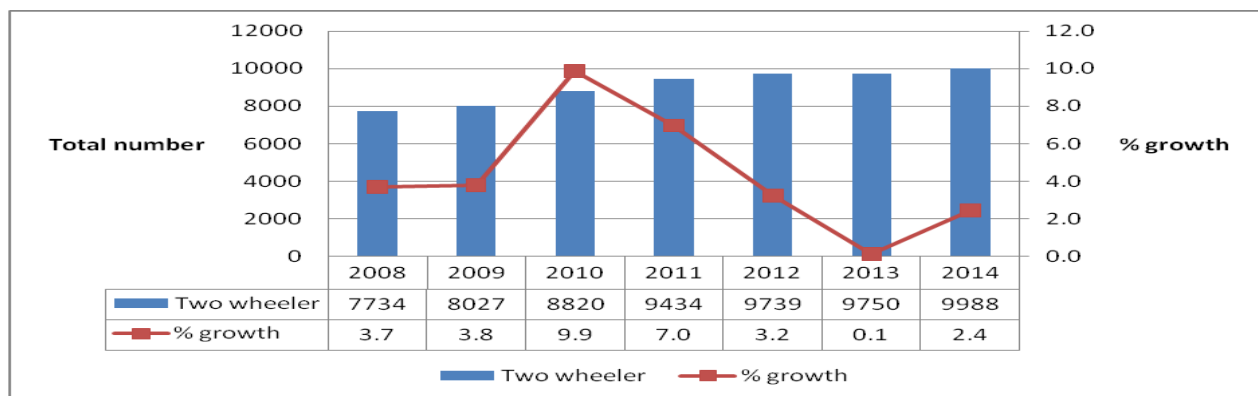
³⁰ Medium vehicles means a motor vehicle exceeding 3 tons but not exceeding 10 tons gross vehicle weight or a bus seating between 13 and 24 passengers

³¹ 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

2.3.4. Two Wheelers³²:

In 2013, the Two-wheelers segment saw an increase of 238 numbers or 2.4% after adjusting new and off road vehicles, taking the total number of two-wheelers to 9,988.

Chart 2.12: Total number of two-wheelers and % growth, 2008-2014

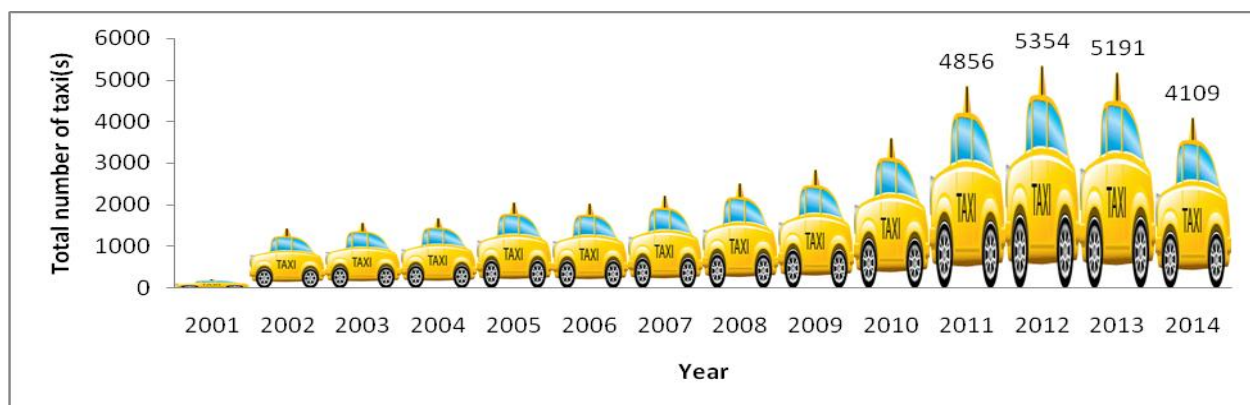


Source: Road Safety and Transport Authority

2.3.5. Taxi:

Total number of Taxis in the country decreased by about 20.8% in 2014 or by 1082 numbers compared to 2013. Unlike the previous year, in 2014 Thimphu region saw the maximum drop in the number of taxis i.e by 22.8% followed by Phuentsholing and Samdrupjongkhar region. However, Gelephu region saw its taxi numbers increase by 4.7%.

Chart 2.13: Total number of taxis³³, 2001-2014.



Source: Road Safety and Transport Authority

³² Two wheelers means a two-wheeled motor vehicle which has its own motive power but not human or animal power

³³ Reverfication of total number of taxis led to decrease in the total number.

Table 2.11: Taxi distribution, by Year and Region, 2009-2014

Sl. No.	Region	Number of Taxis					
		2009	2010	2011	2012	2013	2014
	Nation Wide	2859	3599	4856	5354	5191	4109
	% Growth	13.9	25.9	34.9	10.3	-3.04	-20.8
1	Thimphu	1983	2488	3305	3617	3508	2707
	% Growth	13.44	25.47	32.84	9.4	-3.01	-22.8
	% Share (region wise)	69.4	69.1	68.1	67.6	67.6	65.9
2	Phuentsholing	773	976	1343	1514	1475	1192
	% Growth	17.84	26.26	37.6	12.7	-2.6	-19.2
	% Share (region wise)	27	27.12	27.7	28.3	28.4	29
3	Gelephu	60	97	151	160	149	156
	% Growth	30.4	61.67	55.67	6	-6.9	4.7
	% Share (region wise)	2.1	2.7	3.11	3	2.9	3.8
4	Samdrupjongkhar	43	38	57	63	59	54
	% Growth	38.71	-11.63	50	10.5	-6.3	-8.5
	% Share (region wise)	1.5	1.1	1.17	1.2	1.1	1.3
5	Monggar ³⁴						

Source: Road Safety and Transport Authority

2.4. Motor Vehicle Crashes and Casualties

2.4.1. Motor Vehicle Crashes and Casualties:

Table 2.12: Motor Vehicle Crashes and Casualties, 2005-2014

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

³⁴ Monggar region created in August, 2014. All the taxis / vehicles plying on this region were registered under Samdrupjongkhar. Vehicle data was not transferred to Mongar region due to administrative burden.

2010	1,260	79	611
2011	1,374	104	623
2012	1,350	96	611
2013	1,023	59	601
2014	792	76	426

Source: Traffic Police, Royal Bhutan Police

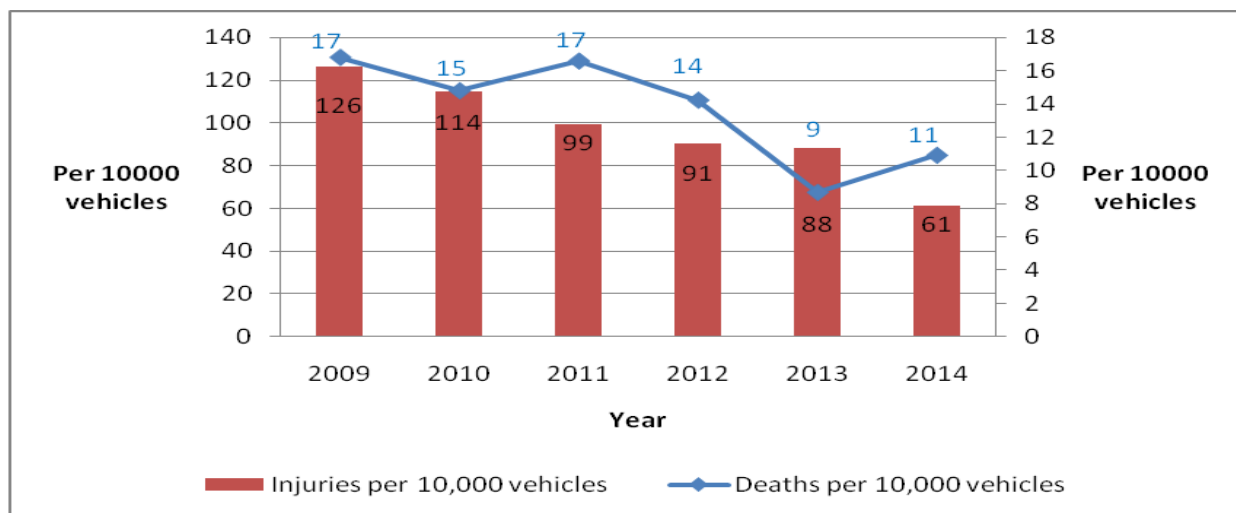
Table 2.13: Detailed Motor Vehicle Crashes and Casualties, by Police Station, 2014

Name of Police Station	Motor Vehicle Accidents	Deaths	Injuries	Pedestrian Accident	Student
Thimphu Traffic Police station	602	10	225	39	1
Paro Police Station	41	5	30	7	0
Haa Police Station	0	0	0	0	0
Punakha Police Station	4	5	5	0	0
Wangdue Phodrang Police Station	14	7	18	0	0
Gasa Police Station	0	0	0	0	0
Phuentsholing Police Station	34	1	16	1	1
Pasakha Police Station	1	0	1	0	0
Gedu Police Station	23	12	56	0	7
Tsimasham Police Station	26	3	8	2	1
Samtse Police Station	1	1	0	0	0
Gomtu Police Station	1	0	3	0	0
Sipsoo Police Station	0	0	0	0	0
Chengmari Police Station	0	0	0	0	0
Dorokha Police Station	1	0	7	0	0
Gelephu Police Station	5	8	15	0	0
Zhemgang Police Station	1	1	3	0	0
Sarpang Police Station	5	2	4	0	0
Pangbang Police Station	1	0	1	0	0
Tsirang Police Station	0	0	0	0	0
Dagapela Police Station	0	0	0	0	0

Dagana Police Station	6	3	7	1	0
Trongsa Police Station	4	1	6	0	0
Bumthang Police Station	2	0	0	0	0
Samdrup Jongkhar Police Station	8	0	1	0	0
Pema Gatshe Police Station	0	0	0	0	0
Nganglam Police Station	2	0	2	0	0
Jomotshangkha Police Station	1	5	2	0	0
Trashigang Police Station	2	1	0	0	0
Wamrong Police Station	0	0	0	0	0
Trashi Yangtse Police Station	0	0	0	0	0
Monger Police Station	1	3	2	0	0
Lhuntse Police Station	0	0	0	0	0
Gyelposhing Police Station	5	8	14	0	0
Total	791	76	426	50	10

Source: Traffic Division, Royal Bhutan Police

Chart 2.14: Number of Deaths and Injuries per 10,000 vehicles, 2009-2014



Source: Traffic Division, Royal Bhutan Police

2.5. Causes of Motor Vehicles Crashes

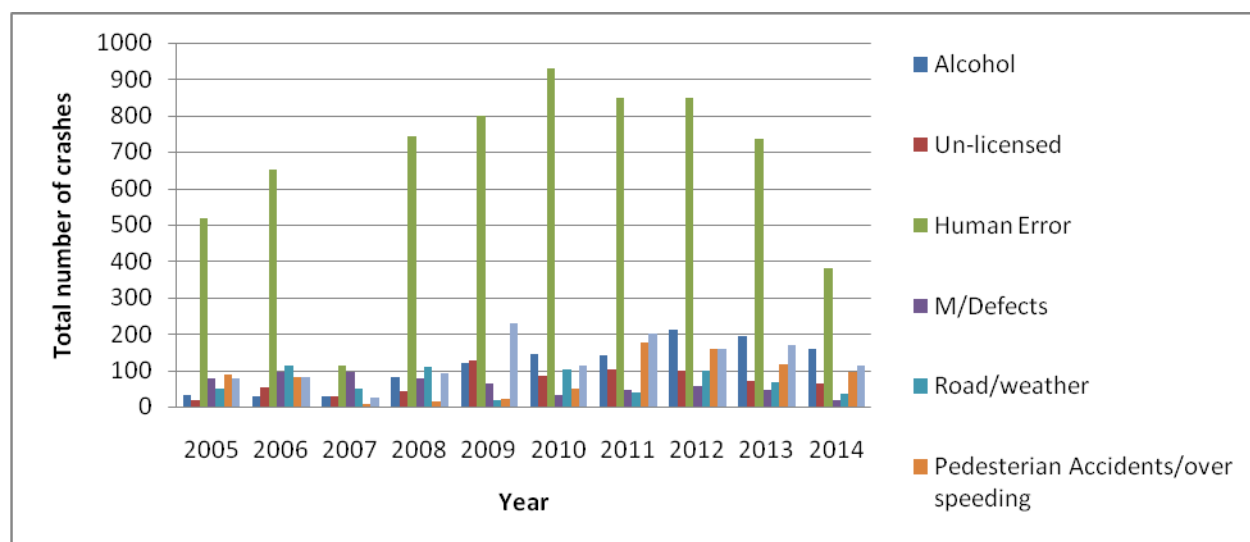
Table 2.14: Showing Causes of Motor Vehicle Crashes, 2014

Name of Police Station	Causes of the Accidents						
	Alcohol	Un- license	Mechani cal defect	Hit & Run	Speeding	Road / Weather Condition	Human Error
Thimphu Traffic Police station	142	48	2	107	17	14	273
Paro Police Station	8	4	2	2	9	5	28
Haa Police Station	0	0	0	0	0	0	0
Punakha Police Station	1	0	0	0	1	0	2
Wangdue Phodrang Police Station	2	1	3	1	1	1	9
Gasa Police Station	0	0	0	0	0	0	0
Phuentsholing Police Station	4	3	1	2	10	3	26
Pasakha Police Station	0	0	0	0	0	0	1
Gedu Police Station	1	0	4	0	0	4	11
Tsimasham Police Station	0	0	0	0	1	4	16
Samtse Police Station	0	0	0	0	1	0	1
Gomtu Police Station	0	0	0	0	0	1	0
Sipsoo Police Station	0	0	0	0	0	0	0
Chengmari Police Station	0	0	0	0	0	0	0
Dorokha Police Station	0	1	0	0	0	0	1
Gelephu Police Station	0	0	2	0	1	0	2
Zhemgang Police Station	0	0	0	0	1	0	1

Sarpang Police Station	1	0	0	0	2	0	2
Pangbang Police Station	0	1	0	0	0	0	0
Tsirang Police Station	0	0	0	0	0	0	0
Dagapela Police Station	0	0	0	0	0	0	0
Dagana Police Station	1	2	2	0	0	0	2
Trongsa Police Station	0	0	0	0	0	1	1
Bumthang Police Station	0	0	0	0	0	0	1
Samdrup Jongkhar Police Station	0	1	2	0	0	1	4
Pema Gatshe Police Station	0	0	0	0	0	0	0
Nganglam Police Station	0	0	1	0	1	0	1
Jomotshangkha Police Station	0	0	0	0	0	1	0
Trashigang Police Station	0	1	0	0	1	0	0
Wamrong Police Station	0	0	0	0	0	0	0
Trashhi Yangtse Police Station	0	0	0	0	0	0	0
Monger Police Station	0	0	0	0	0	0	0
Lhuntse Police Station	0	0	0	0	0	0	0
Gyelposhing Police Station	0	0	0	0	0	0	0
Total	160	62	19	112	46	35	382

Source: Traffic Division, Royal Bhutan Police

Chart 2.15: Causes of Motor Vehicle Crashes, 2005-2014



Source: Traffic Division, Royal Bhutan Police

As shown in chart 2.15, “Human Error” remains the main cause of motor vehicle crashes in the country.

2.6. Other useful information

2.6.1. Driving license issued:

Table 2.15: Driving License Issuance details, monthly, 2014

January					
Sl. No	Region	Ordinary License	Professional License	Driving	Total (Exclusive of PD)
1	Thimphu	158		28	46746
2	Phuentsholing	11		9	9913
3	Gelephu	95		6	11097
4	Samdrupjongkhar	64		14	8560
	Grand Total	76316		15079	91395
February					
Sl. No	Region	Ordinary License	Professional License	Driving	Total (Exclusive of PD)
1	Thimphu	134		18	46880
2	Phuentsholing	80		13	9993
3	Gelephu	122		22	11219
4	Samdrupjongkhar	79		12	8639
	Grand Total	76731		15144	91875

March				
Sl. No	Region	Ordinary License	Professional Driving License	Total (Exclusive of PD)
1	Thimphu	176	38	47056
2	Phuentsholing	125	15	10118
3	Gelephu	110	14	11329
4	Samdrupjongkhar	71	14	8710
	Grand Total	77213	15225	92438
April				
Sl. No	Region	Ordinary License	Professional Driving License	Total (Exclusive of PD)
1	Thimphu	238	19	47294
2	Phuentsholing	109	17	10227
3	Gelephu	91	10	11420
4	Samdrupjongkhar	25	4	8735
	Grand Total	77676	15275	92951
May				
Sl. No	Region	Ordinary License	Professional Driving License	Total (Exclusive of PD)
1	Thimphu	229	27	47523
2	Phuentsholing	88	9	10315
3	Gelephu	107	6	11527
4	Samdrupjongkhar	67	3	8802
	Grand Total	78167	15320	93487
June				
Sl. No	Region	Ordinary License	Professional Driving License	Total (Exclusive of PD)
1	Thimphu	295	11	47818
2	Phuentsholing	29	6	10344
3	Gelephu	110	3	11637
4	Samdrupjongkhar	58	14	8860
	Grand Total	78659	15354	94013
July				
Sl. No	Region	Ordinary License	Professional Driving License	Total (Exclusive of PD)
1	Thimphu	207	3	48025
2	Phuentsholing	22	3	10366
3	Gelephu	65	10	11702
4	Samdrupjongkhar	18	2	8878
	Grand Total	78971	15372	94343
August				
Sl. No	Region	Ordinary License	Professional Driving License	Total (Exclusive of PD)

1	Thimphu	311	0	48336
2	Phuentsholing	86	4	10452
3	Gelephu	121	8	11823
4	Samdrupjongkhar	25	0	8903
5	Monggar	31	0	31
	Grand Total	79545	15384	94929
September				
Sl. No	Region	Ordinary License	Professional Driving License	Total (Exclusive of PD)
1	Thimphu	160	2	48496
2	Phuentsholing	51	2	10503
3	Gelephu	93	4	11916
4	Samdrupjongkhar	44	0	8947
5	Monggar	17	0	48
	Grand Total	79909	15384	95293
October				
Sl. No	Region	Ordinary License	Professional Driving License	Total (Exclusive of PD)
1	Thimphu	194	3	48690
2	Phuentsholing	105	2	10608
3	Gelephu	84	3	12000
4	Samdrupjongkhar	45	0	8992
5	Monggar	51	0	99
	Grand Total	80387	15385	95772
November				
Sl. No	Region	Ordinary License	Professional Driving License	Total (Exclusive of PD)
1	Thimphu	236	2	48926
2	Phuentsholing	45	0	10653
3	Gelephu	102	15	12102
4	Samdrupjongkhar	27	0	9019
5	Monggar	22	0	121
	Grand Total	80821	15390	96211
December				
Sl. No	Region	Ordinary License	Professional Driving License	Total (Exclusive of PD)
1	Thimphu	233	13	49159
2	Phuentsholing	36	0	10689
3	Gelephu	123	8	12225
4	Samdrupjongkhar	29	0	9048
5	Monggar	13	0	134
	Grand Total	81254	15404	96658

Source: Road Safety and Transport Authority

2.6.2. Revenue from Motor Vehicles and related sources:

Chart 2.16: Total Revenue collected by RSTA, July 2009-June 2014



Source: Road Safety and Transport Authority

2.6.3. Vehicles Imported in 2014

Table 2.16: New Vehicles import details, monthly-2014

Month/ Ownership	Type								Total
	HV	MV	LV	TW	PT	TRAC	EME	TAXI	
January									
Government	0	0	8	0	0	0	0	0	8
Private	10	3	10	2	0	0	1	0	26
Diplomats	0	0	0	0	0	0	0	0	0
Sub-Total	10	3	18	2	0	0	1	0	34
February									
Government	1	0	2	3	0	0	0	0	6
Private	9	0	0	1	10	0	3	0	23
Diplomats	0	0	2	0	0	0	0	0	2
Sub-Total	10	0	4	4	10	0	3	0	31
March									
Government	3	0	1	0	0	0	0	0	4
Private	2	1	26	0	5	0	5	0	39
Diplomats	0	0	0	0	0	0	0	0	0
Sub-Total	5	1	27	0	5	0	5	0	43

April									
Government	1	0	27	0	0	0	2	0	30
Private	10	0	37	35	7	0	1	0	90
Diplomats	0	0	0	0	0	0	0	0	0
Sub-Total	11	0	64	35	7	0	3	0	120
May									
Government	1	1	1	0	16	1	1	0	21
Private	6	0	14	3	14	0	6	0	43
Diplomats	0	0	0	0	0	0	0	0	0
Sub-Total	7	1	15	3	30	1	7	0	64
June									
Government	0	1	7	1	13	0	0	0	22
Private	5	7	48	0	16	3	4	0	83
Diplomats	0	0	0	0	0	0	0	0	0
Sub-Total	5	8	55	1	29	3	4	0	105
July									
Government	4	0	4	1	1	0	0	0	10
Private	8	6	21	0	11	2	5	0	53
Diplomats	0	0	0	0	0	0	0	0	0
Sub-Total	12	6	25	1	12	2	5	0	63
August									
Government	1	0	10	6	0	0	2	0	19
Private	3	0	195	14	3	0	7	0	222
Diplomats	0	0	0	0	0	0	0	0	0
Sub-Total	4	0	205	20	3	0	9	0	241
September									
Government	0	4	1	0	1	0	0	0	6
Private	6	4	287	74	0	0	4	3	378
Diplomats	0	0	0	0	0	0	0	0	0
Sub-Total	6	8	288	74	1	0	4	3	384
October									
Government	7	3	3	0	57	0	0	0	70
Private	8	5	261	49	0	1	3	0	327
Diplomats	0	0	0	0	0	0	0	0	0
Sub-Total	15	8	264	49	57	1	3	0	397
November									
Government	1	2	10	0	13	0	0	0	26
Private	6	7	498	61	2	1	2	1	578

Diplomats	0	0	0	0	0	0	0	0	0
Sub-Total	7	9	508	61	15	1	2	1	604
December									
Government	1	3	16	0	3	1	0	0	24
Private	23	6	836	47	0	3	6	1	922
Diplomats	0	0	0	0	0	0	0	0	0
Sub-Total	24	9	852	47	3	4	6	1	946
Grand Total	116	53	2325	297	172	12	52	5	3032

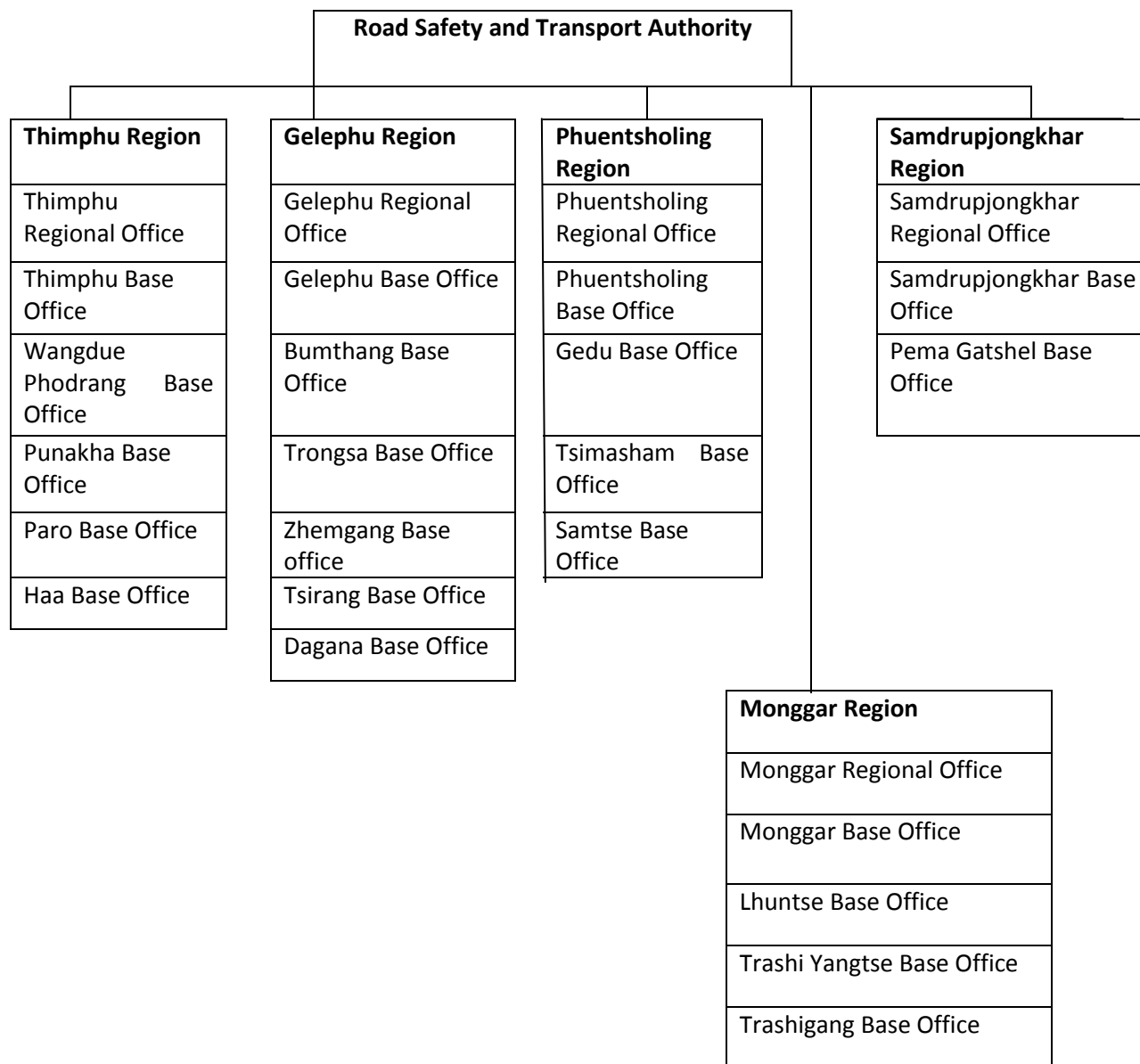
2.6.4. MoIC staff strength

Post	Secretariat	Department of Information Technology and Telecom	Department of Information and Media	Department of Civil Aviation	Road Safety and Transport Authority	TOTAL
EX-1	1	0	0	0	0	1
EX-II	0	0	1	0	1	2
EX-III	0	1	0	1	0	2
P1	2	2	2	6	4	16
P2	6	4	0	3	0	13
P3	3	8	0	6	4	21
P4	5	26	3	13	3	50
P5	10	4	3	5	13	35
S1	2	2	2	16	20	42
S2	1	2	0	20	20	43
S3	1	0	0	14	20	35
S4	1	0	2	39	20	62
S5	5	2	1	100	14	122
O1	0	1	1	5	4	11
O2	1	0	0	1	2	4
O3	2	2	1	7	2	14
O4	4	1	0	4	3	12
GSP	4	1	1	3	5	14
ESP	3	1	1	14	16	35
	51	57	18	257	151	534

Source: Human Resource Division, MoIC

2.6.5. Information on Road Safety and Transport Authority structure

Details on regional and base office under Road Safety and Transport Authority are given below:



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.

Annexure 1

3G Coverage: 3G service is available in the following places:
1. Thimphu
Effective coverage areas: Taba, Dechenphodrang, Lanjophakha, Mothitang, Town, NPP Colony, Kalabazar, Changzamto, Changjiji, Lungtenphu, Olakha, Simtokha, Hospital, IT Park (Almost all part of Thimphu)
Partial coverage areas: Above Dechencholing Army Camp, Beyond Thimphu gate Babesa.
2. Phuentsholing
Effective coverage areas: Whole Town Area, Omchu, Damdara, Exchange Area, etc.
Partial coverage areas: Kabetar, Adjacent area to the above mentioned sites
3. Paro
Effective coverage areas: Town, Bondey, Airport, Sansam, Tsendona
Partial coverage areas: Area adjacent to the above mentioned sites
4. Wangdue
Effective coverage areas: Bajo Town, Army Colony
Partial coverage areas: Beyond Old Wangdue Town, Dzong Area
5. Rinchending & CST
Effective coverage areas: CST college, Army Quarters, Resort at Rinchending , Checkpost
Partial coverage areas: Road leading to Pasakha , Road leading to Rametey
6. Gedu
Effective coverage areas: College Area (Hostel and Adm. area), Town, Exchange
Partial coverage areas: Beyond the upper and lower town
7. Gelephu
Effective coverage areas: Town, Rabdeling, Zomlingthang
Partial coverage areas: Area adjacent to above mentioned sites
8. Samdrupjongkhar
Effective coverage areas: Town Area, Hospital Area, Dzong Area
Partial coverage areas: Daranga India
9. Kanglung
Effective coverage areas: Town, College Area, Dantak Camp

10. Mongar
Effective coverage areas: Town, Hospital Area, Dzong Area, Wangchuk Resort, Exchange, RSTA office, School Area (High school as well as LSS)
11. Damphu
Effective coverage areas: Damphu town, Damphu Higher Secondary school, Damphu lower secondary school, Tsirang Dzong, Dhajey, Tsirang rabdey dratshang and residential areas below it.
12. Samtse
Effective coverage areas: Samtse town, College of Education, Gurung Basti, RBA, Devithang, Hospital, AWP & BFPL, Main Checkpost, VIP Residence, RRCO and Dzong Area
Partial Coverage areas: Gairigoan and BPC colony, and Bhudhuni
13. Trongsa
Effective coverage areas: Sherubling, Trongsa town and the Dzong area
14. Jakar
Effective Coverage areas: New Court Area, Whole Chamkhar town, Jalikhar Area, Bathpalathang, Domestic airport, Kenchosum Lhakhang, RNR-CE, Kharchu Dratshang, Wangdicholing Resort Area, Garpang Power substation, Jakar Village & Police colony, Jakar Dzong, Jakar High School, Lamoigonpa (UWICE), Wangdicholing Middle Secondary School, Wangdicholing Dzong and New Town & Hospital area.
15. Trashigang
Effective Coverage areas: Main town, RSTA office, MoLHR office, Upper market, Police station, Telecom exchange
Partial Coverage areas: Dzong area
16. Trashiyangtse
Effective coverage areas: whole town area, Hospital area, Bhimkhar, Tsharzam, Bayling area, Langmadung, Chortencora. (important & required places are fully covered)
Partial coverage areas: BWS office, Sep, BOD/Brengchung, old Dzong, Lichin, Bumdeling high way some portion.