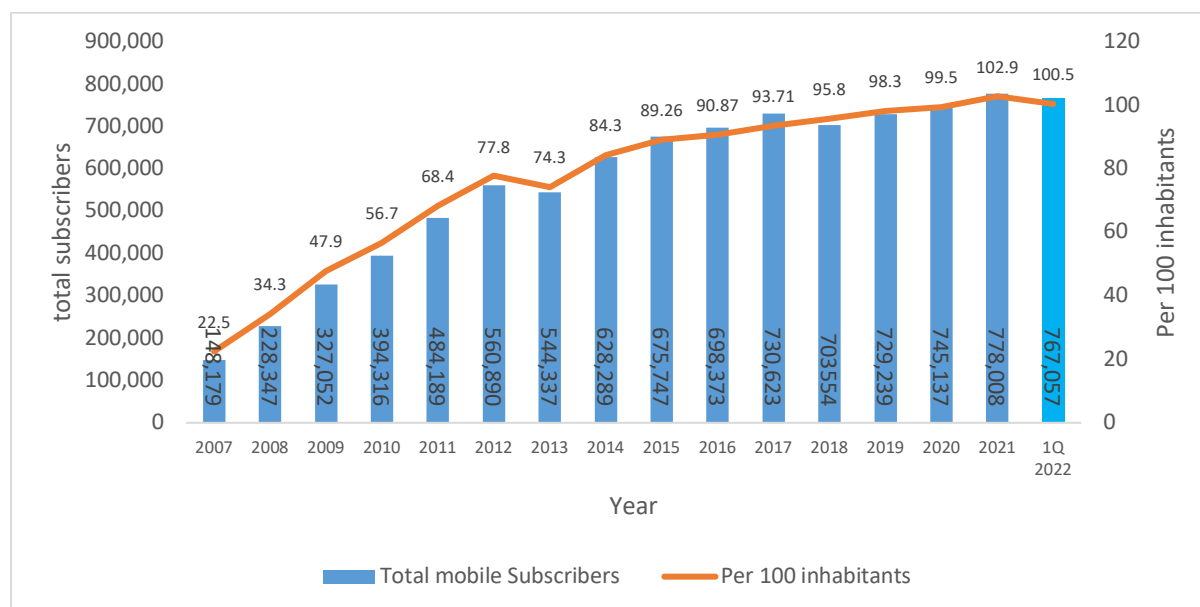


# 1<sup>st</sup> Quarterly(January - March) 2022 ICT/Telecom, Media, Postal, Aviation and Surface Transport Statistical Bulletin

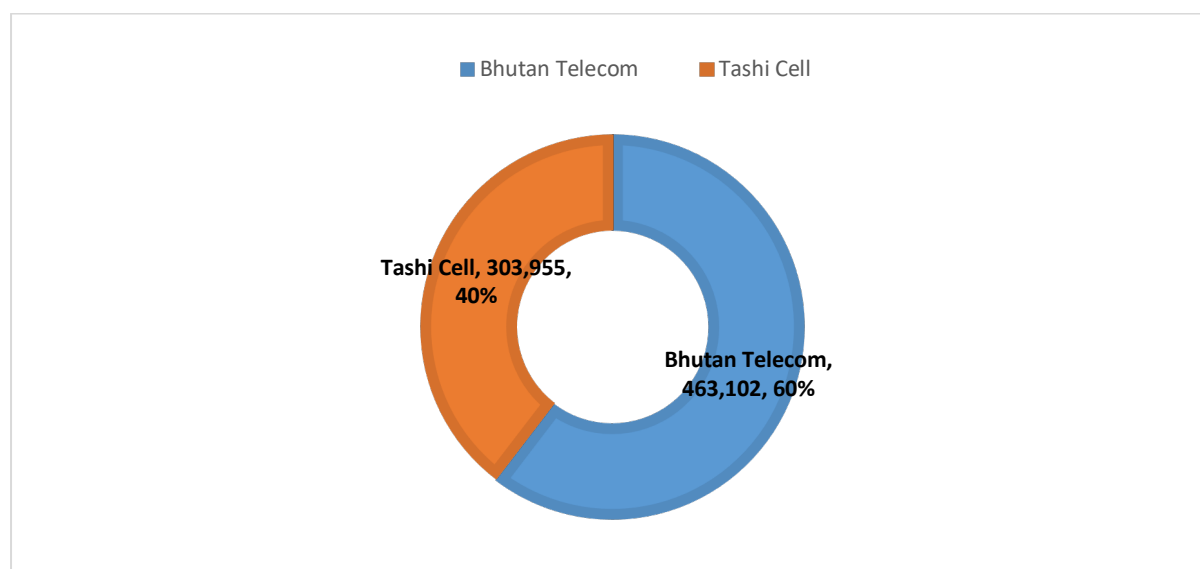
## 1. ICT/Telecommunications indicators:

### i. Mobile cellular subscription trend: 2007- 1<sup>st</sup> Q end 2022<sup>1</sup>



Source: Bhutan Telecom, Tashi Cell, BICMA, MoIC

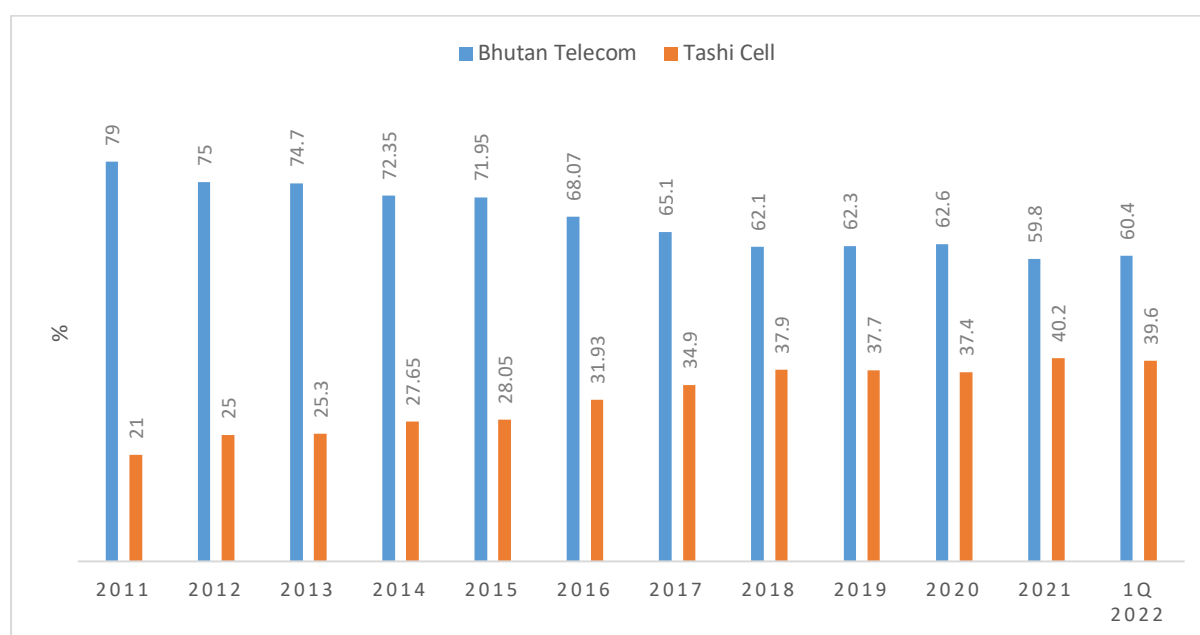
### ii. Mobile cellular subscriptions by Operator for 1<sup>st</sup> Q 2022



Source: BICMA, Bhutan Telecom and Tashi Cell

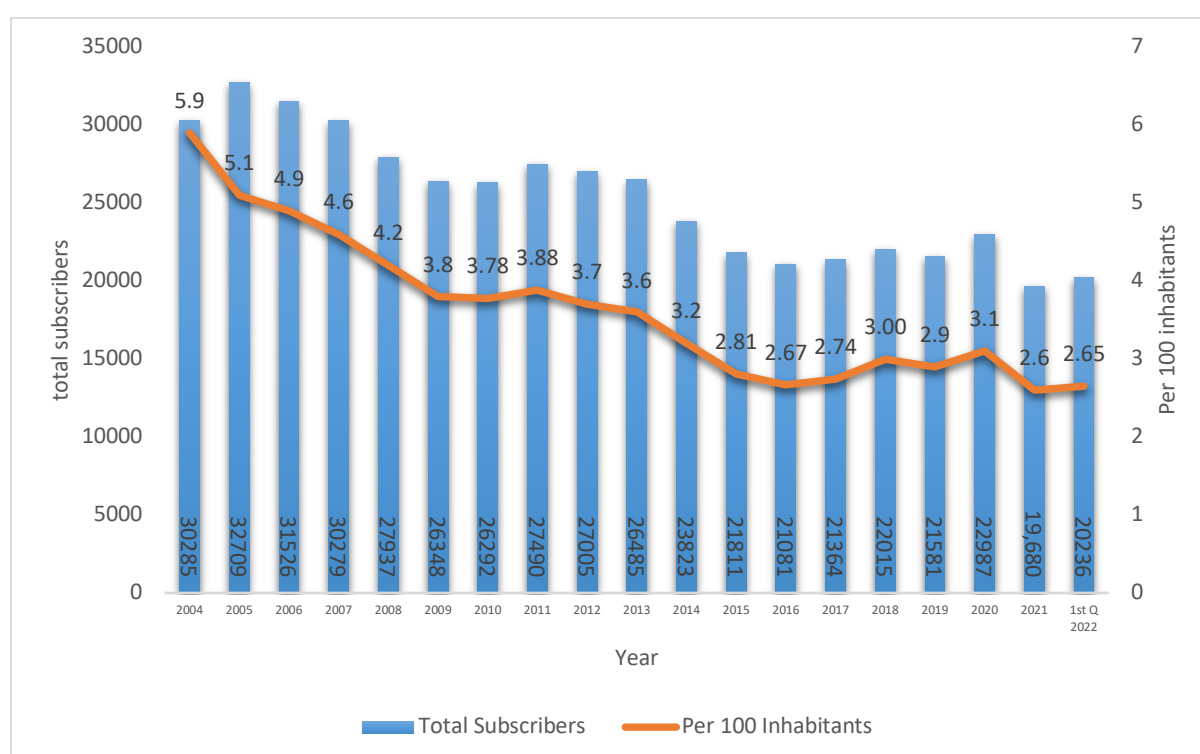
<sup>1</sup> The total number of mobile subscribers is inclusive of 26,672 and 25,243 passive subscribers for Bhutan Telecom and Tashi Cell respectively

iii. Mobile cellular market share trend by Operator, 2011- 2022 (as of 1Q end)



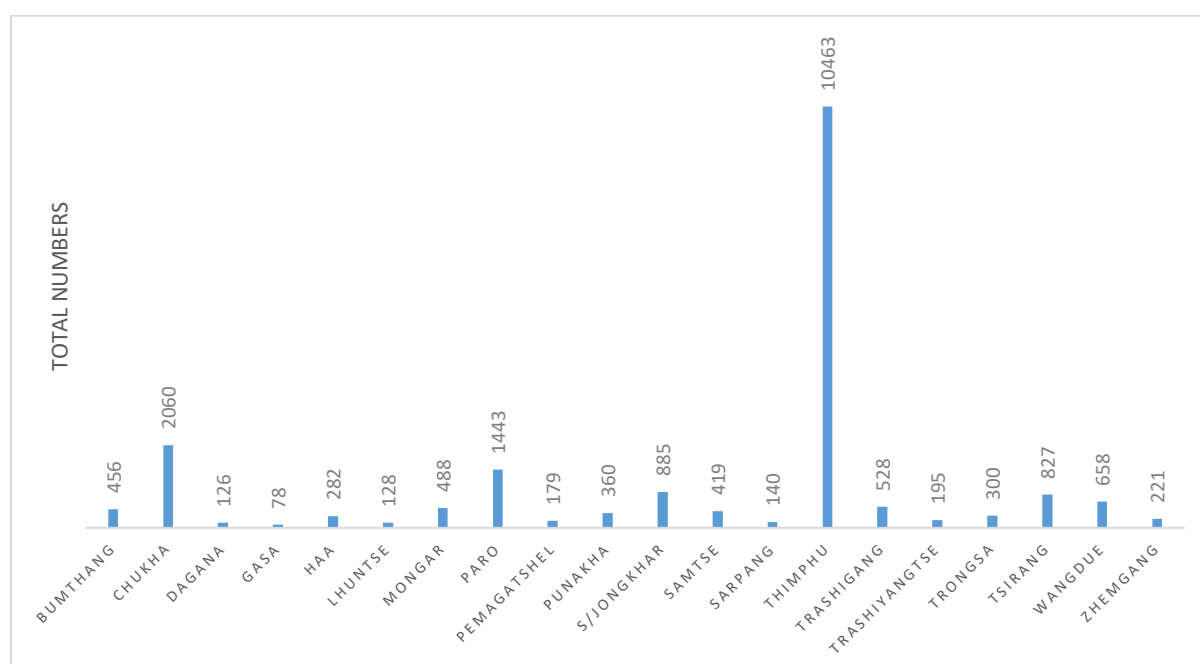
Source: Bhutan Telecom and Tashi Cell

iv. Total fixed-telephone line subscriptions trend, 2004-2022 (as of 1Q end)



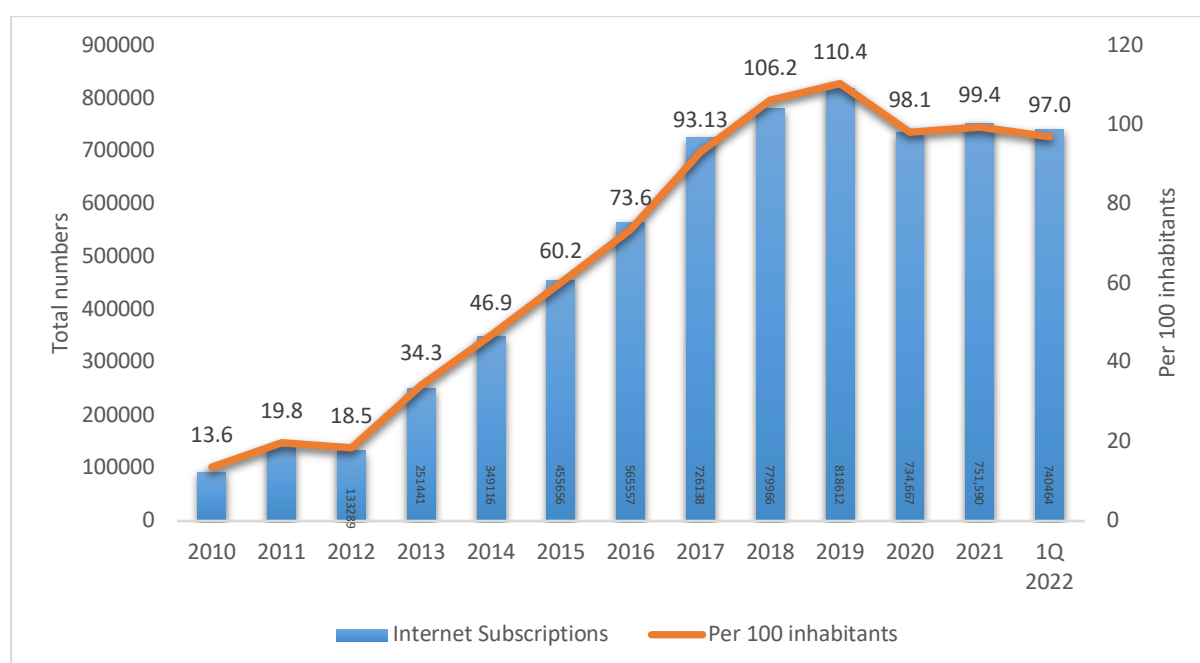
Source: Bhutan Telecom

v. Total Fixed-Telephone line subscriptions by Dzongkhag, 1<sup>st</sup> Quarter 2022



Source: Bhutan Telecom

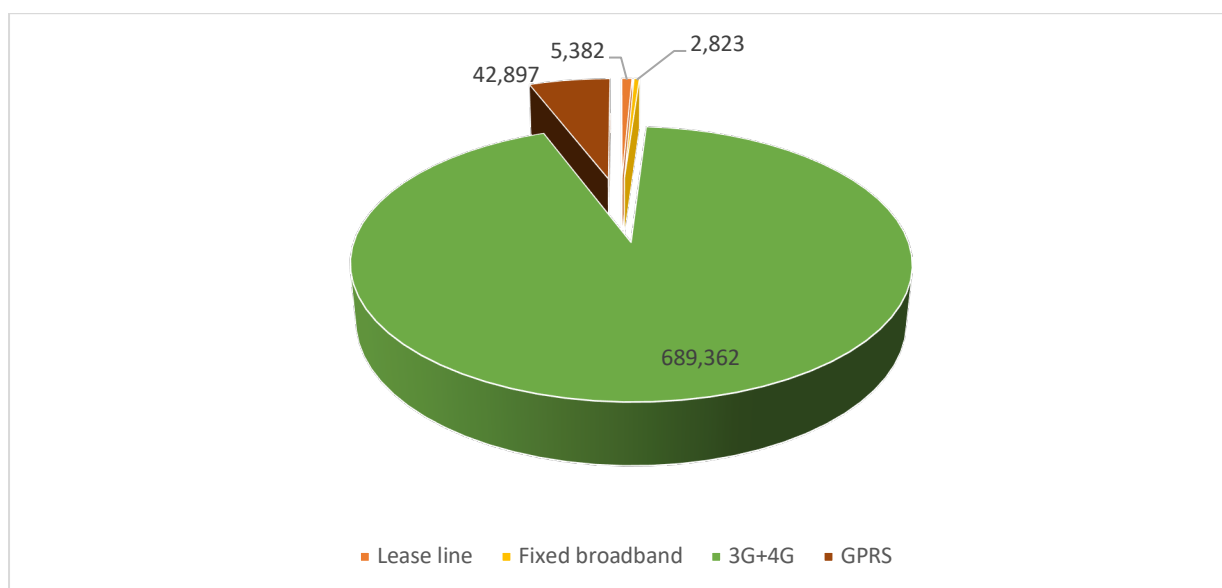
vi. Total internet subscriptions trend<sup>2</sup> , 2010- 2022(as of 1Q end)



Source: All ISPs

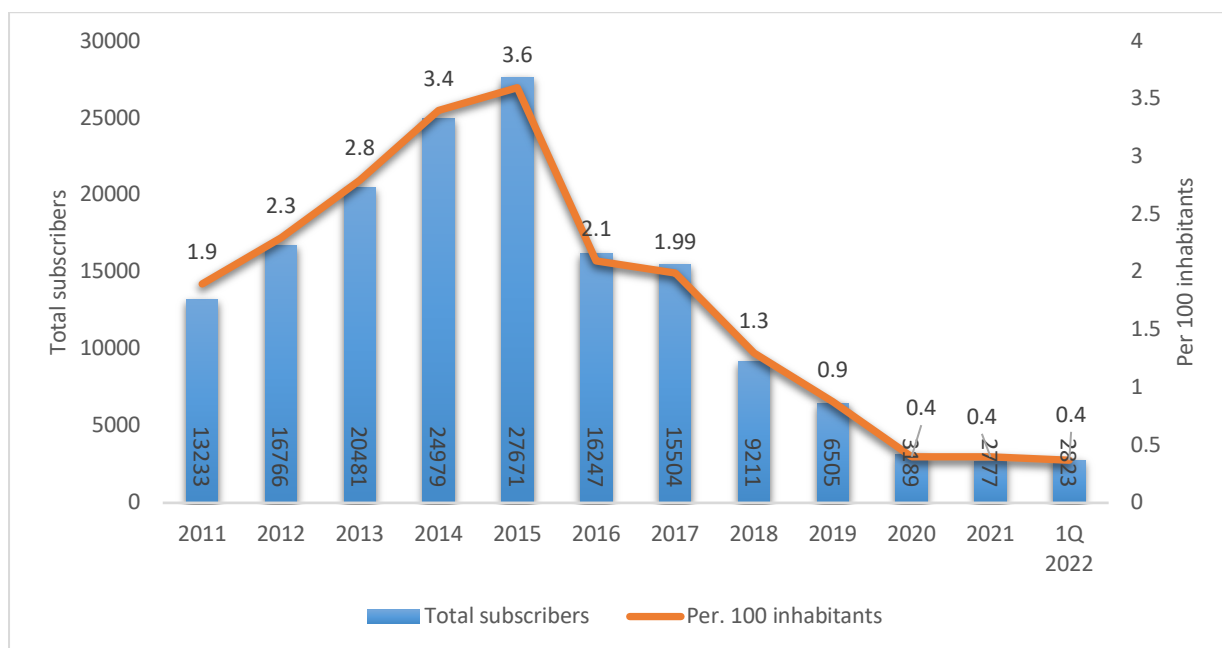
<sup>2</sup> Refers to Household, Individuals, Offices connected with all types of internet connections. Subscription of dual sim ownership is not segregated

vii. Total internet subscription by connection type for 1<sup>st</sup> Quarter 2022



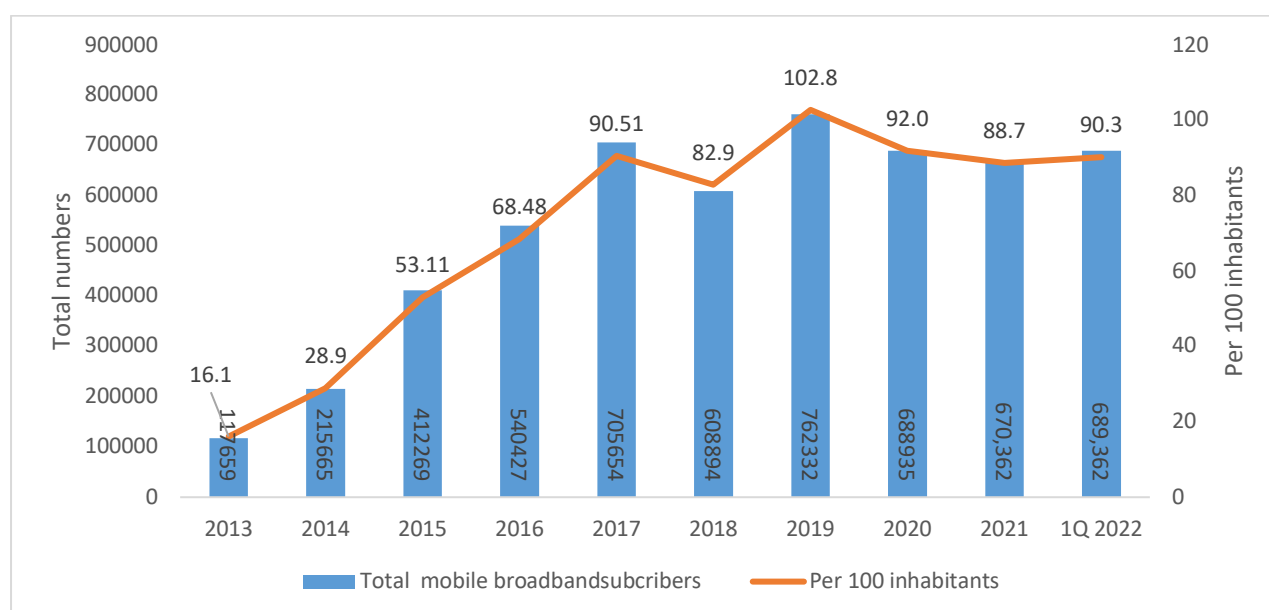
Source: All ISPs

viii. Total fixed-broadband subscriptions trend, 2011- 2022 (as of 1Q end)



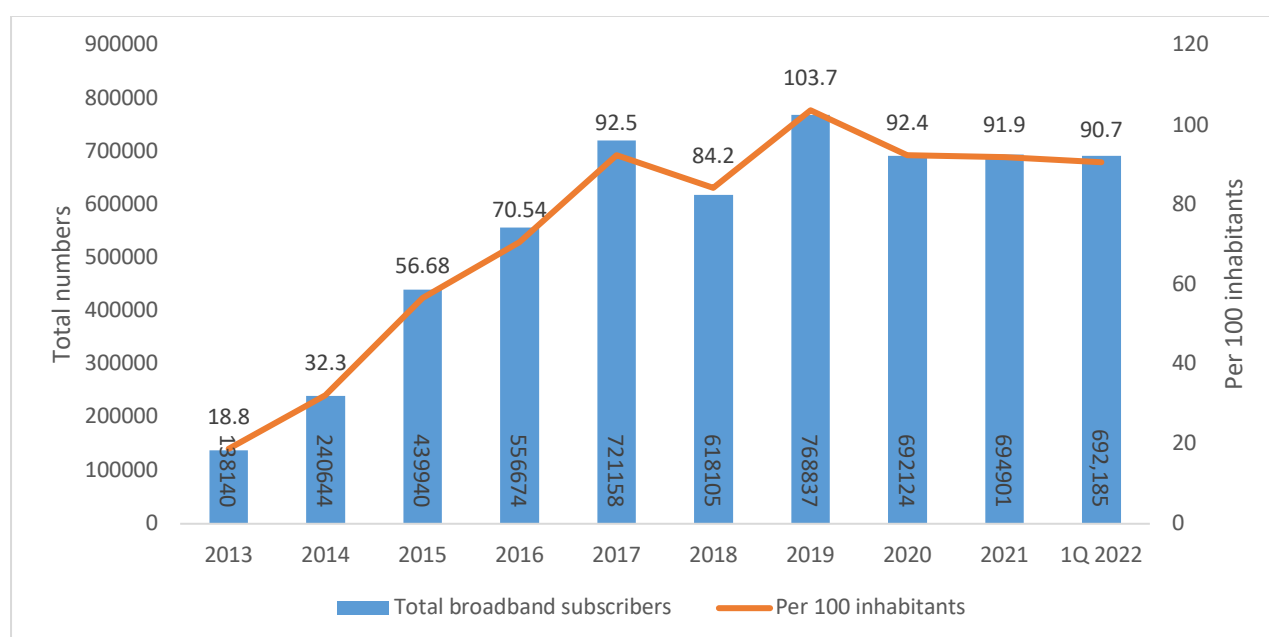
Source: All ISPs

ix. Mobile broadband (3G+4G) subscriptions trend: 2013- 2022 (as of 1Q end)



Source: Tashi Cell and Bhutan Telecom

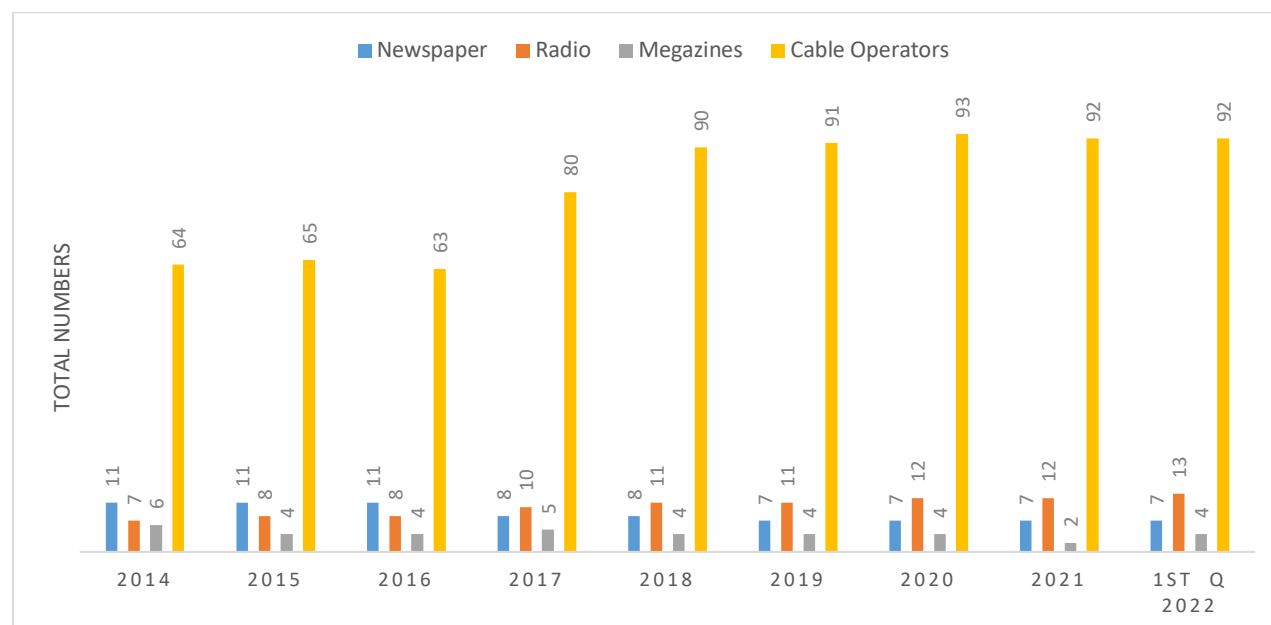
x. Total broadband (Fixed and Mobile) subscription trend: 2013- 2022 (as of 1Q end)



Source: ISPs

## 2. Media indicators:

- i. Total number of Radio Stations, Newspaper, Magazine and Cable operator in the country: 2014- 2022 (as of 1Q end)



Source: Bhutan InfoComm and Media Authority.

Note: The list excludes Druk Com digital TV services in Phuentsholing from cable operators list

## 3. Surface Transport indicators:

- i. Motor vehicle registration trend by type: 2001- 2022 (as of 1Q end)<sup>3</sup>

| Year | Category      |           |                |            |       |      |     |      |      |       |     |      |         |
|------|---------------|-----------|----------------|------------|-------|------|-----|------|------|-------|-----|------|---------|
|      | Heavy Vehicle | Heavy Bus | Medium Vehicle | Medium Bus | LV    | TW   | PT  | Trac | EME  | Other | EV  | Taxi | EV Taxi |
| 2001 | 2863          | n.a       | 697            | n.a        | 9915  | 8165 | n.a | n.a  | 408  | 278   | n.a | 201  | na      |
| 2002 | 2747          | n.a       | 770            | n.a        | 10199 | 8371 | n.a | n.a  | 464  | 456   | n.a | 1423 | na      |
| 2003 | 4841          | n.a       | 308            | n.a        | 11575 | 7507 | n.a | n.a  | 321  | 384   | n.a | 1560 | na      |
| 2004 | 4345          | n.a       | n.a            | n.a        | 12425 | 7707 | n.a | n.a  | 1682 | 388   | n.a | 1682 | na      |
| 2005 | 4352          | n.a       | n.a            | n.a        | 14365 | 6703 | n.a | n.a  | 511  | 491   | n.a | 2050 | na      |
| 2006 | 4176          | n.a       | 343            | n.a        | 17355 | 7903 | 79  | 109  | 555  | 23    | n.a | 2038 | na      |
| 2007 | 4547          | n.a       | 467            | n.a        | 19798 | 7458 | 109 | 474  | 633  | n.a   | n.a | 2218 | na      |
| 2008 | 4624          | n.a       | 659            | n.a        | 24244 | 7734 | 151 | 611  | 744  | n.a   | n.a | 2511 | na      |

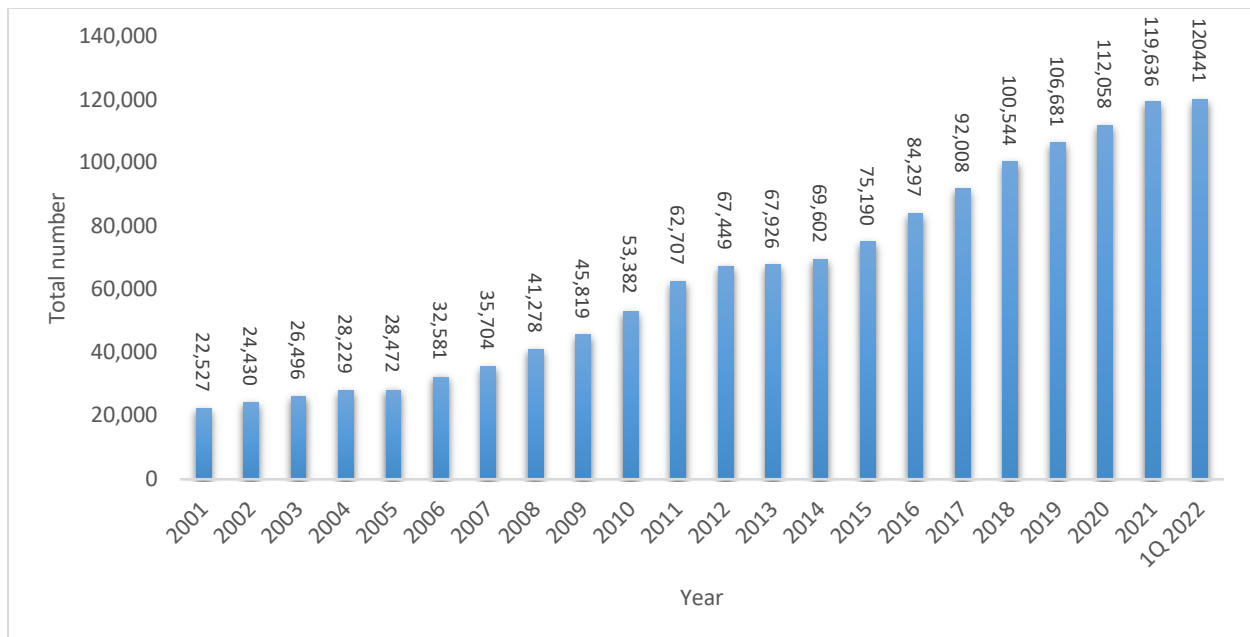
<sup>3</sup> LV: Light vehicle, TW: Two wheeler, PT: Power tiller; Trac: Tractor; EME: Earth Moving Equipment, EV: Electric Vehicle; HV: Heavy vehicle; MV: Medium vehicle

|         |       |     |      |     |       |       |      |     |      |      |     |      |    |
|---------|-------|-----|------|-----|-------|-------|------|-----|------|------|-----|------|----|
| 2009    | 5198  | n.a | 786  | n.a | 27145 | 8027  | 692  | 183 | 929  | n.a  | n.a | 2859 | na |
| 2010    | 6568  | n.a | 1007 | n.a | 31162 | 8820  | 756  | 210 | 1260 | n.a  | n.a | 3599 | na |
| 2011    | 7996  | n.a | 1261 | n.a | 36150 | 9434  | 1030 | 278 | 1702 | n.a  | n.a | 4856 | na |
| 2012    | 8443  | n.a | 1330 | n.a | 39254 | 9739  | 1128 | 283 | 1918 | n.a  | n.a | 5354 | na |
| 2013    | 8544  | n.a | 1347 | n.a | 39596 | 9750  | 1209 | 318 | 1971 | n.a  | n.a | 5191 | na |
| 2014    | 8474  | n.a | 1392 | n.a | 41924 | 9988  | 1381 | 329 | 2005 | n.a  | n.a | 4109 | na |
| 2015    | 8566  | n.a | 1482 | n.a | 47734 | 8978  | 1715 | 384 | 2208 | 184  | n.a | 3939 | na |
| 2016    | 9480  | n.a | 1605 | n.a | 54280 | 9641  | 1944 | 421 | 2595 | 103  | n.a | 4228 | na |
| 2017    | 9766  | 428 | 1415 | 313 | 59653 | 10165 | 2213 | 462 | 3044 | n.a  | 94  | 4455 | na |
| 2018    | 11152 | 479 | 1494 | 334 | 64925 | 10874 | 2758 | 487 | 3271 | n.a  | 98  | 4672 | na |
| 2019    | 11678 | 539 | 1561 | 362 | 69075 | 11344 | 2948 | 495 | 3386 | n.a  | 112 | 5181 | na |
| 2020    | 11800 | 555 | 1610 | 372 | 72818 | 11666 | 3280 | 507 | 3535 | n.a  | 133 | 5782 | na |
| 2021    | 12096 | 593 | 1733 | 383 | 78181 | 12119 | 3809 | 554 | 3948 | na   | 248 | 5972 | na |
| 1Q 2022 | 12073 | 593 | 1746 | 383 | 78820 | 12202 | 3815 | 555 | 3993 | n.a. | 201 | 5998 | 62 |

Source: Road Safety and Transport Authority, MoIC.

Note\* count of EV Taxi is not included in the overall EV vehicle number

ii. Total number of registered vehicles growth trend: 2001- 2021 (as of 1Q end)



Source: RSTA, MoIC

iii. Vehicle statistics as of 1Q 2022 by Type and Ownership<sup>4</sup>

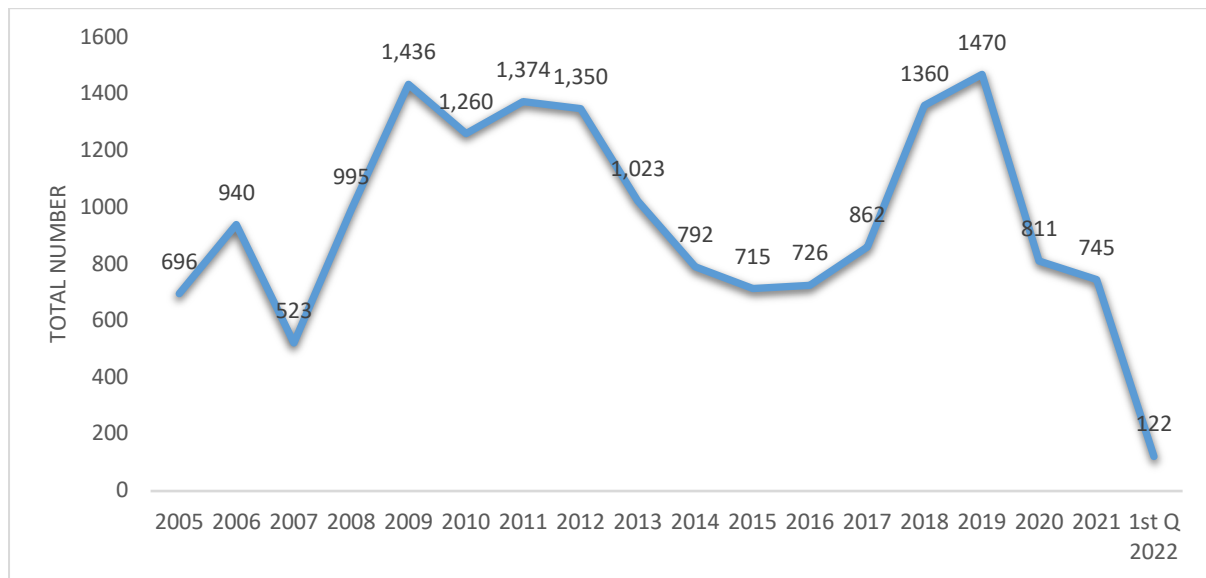
| Region           | Owner-ship | HV    | HB  | MV   | MB  | LV    | TW    | PT   | TR  | EME  | EV  | Taxi     |    |
|------------------|------------|-------|-----|------|-----|-------|-------|------|-----|------|-----|----------|----|
|                  |            |       |     |      |     |       |       |      |     |      |     | ICE Taxi | EV |
| Thimphu          | Govt.      | 513   | 106 | 61   | 22  | 1878  | 491   | 513  | 78  | 162  | 43  | 0        | 0  |
| Phuentsholing    |            | 492   | 139 | 156  | 24  | 785   | 669   | 19   | 22  | 113  | 13  | 0        | 0  |
| Gelephu          |            | 64    | 14  | 19   | 2   | 236   | 123   | 68   | 13  | 104  | 0   | 0        | 0  |
| Samdrup Jongkhar |            | 45    | 12  | 31   | 4   | 212   | 228   | 64   | 34  | 48   | 0   | 0        | 0  |
| Monggar          |            | 3     | 10  | 11   | 2   | 98    | 12    | 50   | 3   | 8    | 0   | 0        | 0  |
| Sub-Total        |            | 1117  | 281 | 278  | 54  | 3209  | 1523  | 714  | 150 | 435  | 56  | 0        | 0  |
| Thimphu          | Private    | 2911  | 132 | 325  | 213 | 45501 | 4112  | 2640 | 125 | 1269 | 119 | 3965     | 53 |
| Phuentsholing    |            | 6882  | 136 | 858  | 102 | 21236 | 3799  | 71   | 167 | 1714 | 18  | 1119     | 7  |
| Gelephu          |            | 542   | 29  | 194  | 10  | 4521  | 1218  | 127  | 75  | 230  | 5   | 612      | 1  |
| Samdrup Jongkhar |            | 490   | 10  | 48   | 0   | 2567  | 1200  | 244  | 28  | 233  | 0   | 113      | 0  |
| Monggar          |            | 131   | 5   | 43   | 4   | 1752  | 341   | 19   | 10  | 112  | 1   | 189      | 1  |
| Sub-Total        |            | 10956 | 312 | 1468 | 329 | 75577 | 10670 | 3101 | 405 | 3558 | 143 | 5998     | 62 |
| Thimphu          | Diplomat   | 0     | 0   | 0    | 0   | 34    | 9     | 0    | 0   | 0    | 2   | 0        | 0  |
| Phuentsholing    |            | 0     | 0   | 0    | 0   | 0     | 0     | 0    | 0   | 0    | 0   | 0        | 0  |
| Gelephu          |            | 0     | 0   | 0    | 0   | 0     | 0     | 0    | 0   | 0    | 0   | 0        | 0  |
| Samdrup Jongkhar |            | 0     | 0   | 0    | 0   | 0     | 0     | 0    | 0   | 0    | 0   | 0        | 0  |
| Monggar          |            | 0     | 0   | 0    | 0   | 0     | 0     | 0    | 0   | 0    | 0   | 0        | 0  |
| Sub-Total        |            | 0     | 0   | 0    | 0   | 34    | 9     | 0    | 0   | 0    | 2   | 0        | 0  |
| Grand Total      |            | 12073 | 593 | 1746 | 383 | 78820 | 12202 | 3815 | 555 | 3993 | 201 | 5998     | 62 |

Source: Road Safety and Transport Authority

<sup>4</sup> EV: Electric Vehicle; EME: Earth Moving Equipment; TR: Tractor; PT: Power Tiller, TW: Two wheeler; LV: Light Vehicle; MB: Medium Bus, MV: Medium Vehicle; HV: Heavy Vehicle, MB: Medium Bus, HB: Heavy Bus

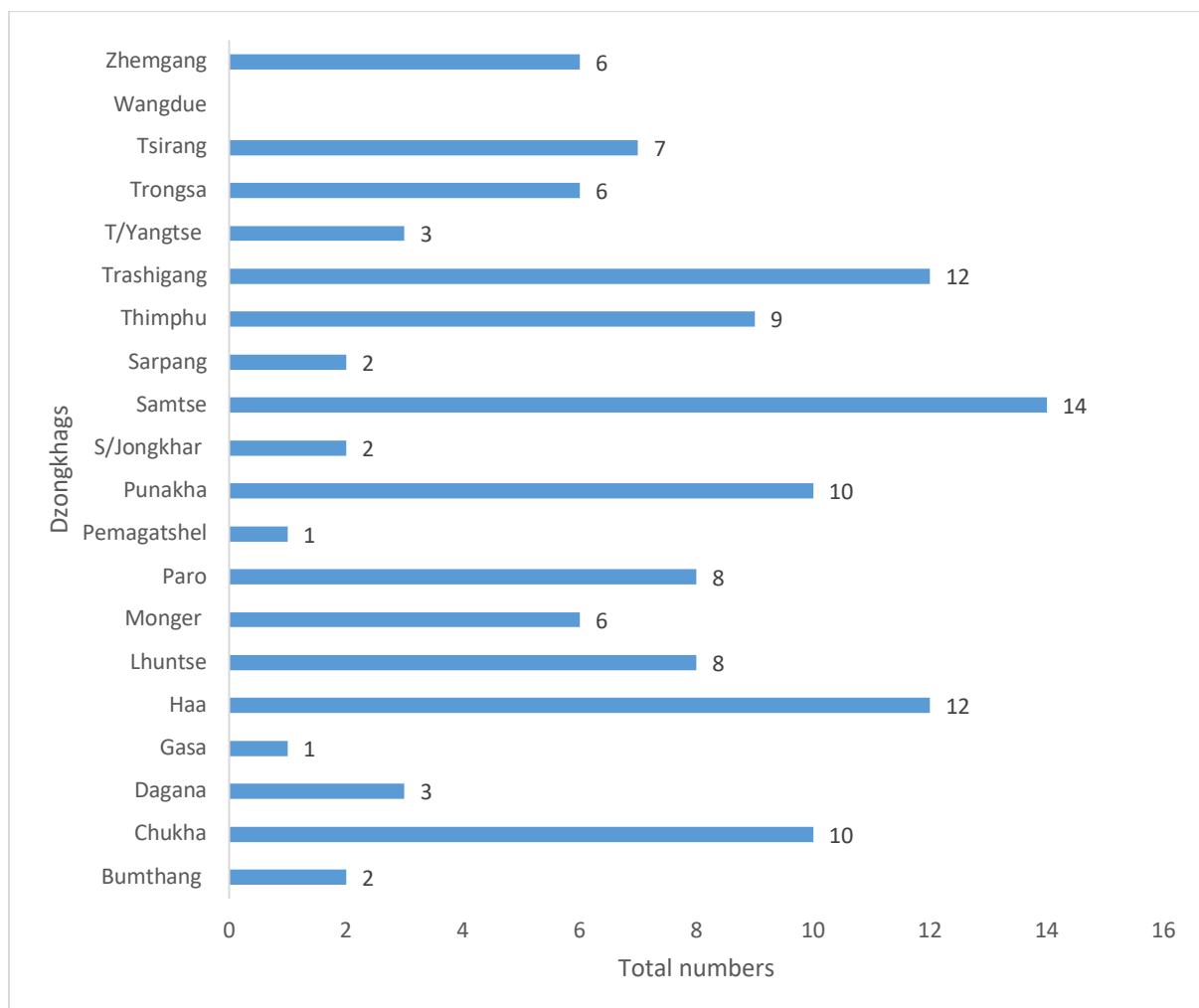


iv. Motor Vehicle related Accidents trend: 2005- 2022 (1Q)



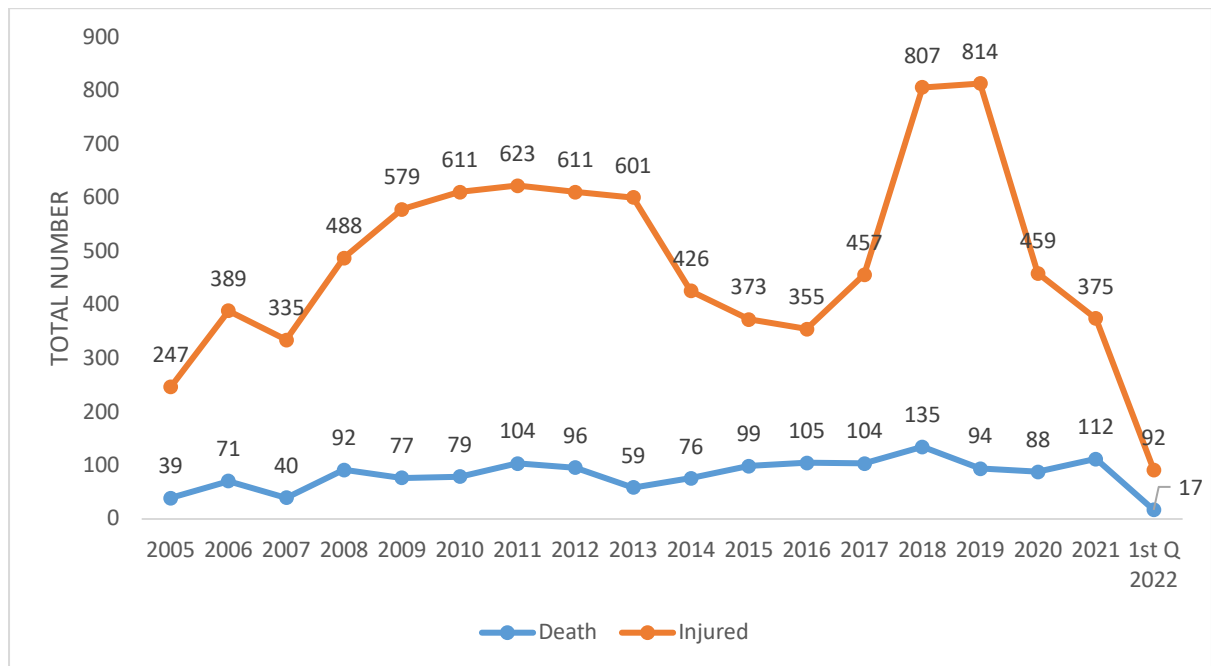
Source: Traffic Division, Royal Bhutan Police

v. Motor vehicle accidents by Dzongkhag for 1Q 2022



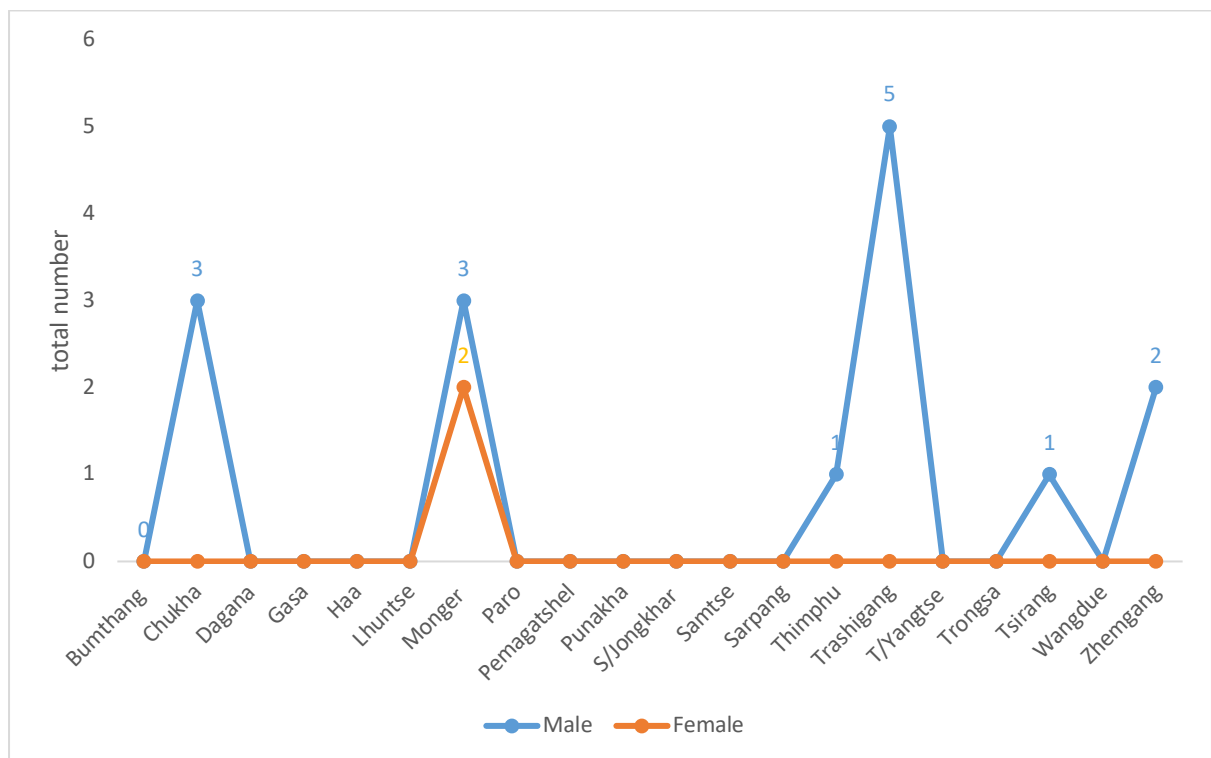
Source: Traffic Division, Royal Bhutan Police

vi. Motor Vehicle related fatalities and injuries trend, 2005-2022 (for 1st Q )



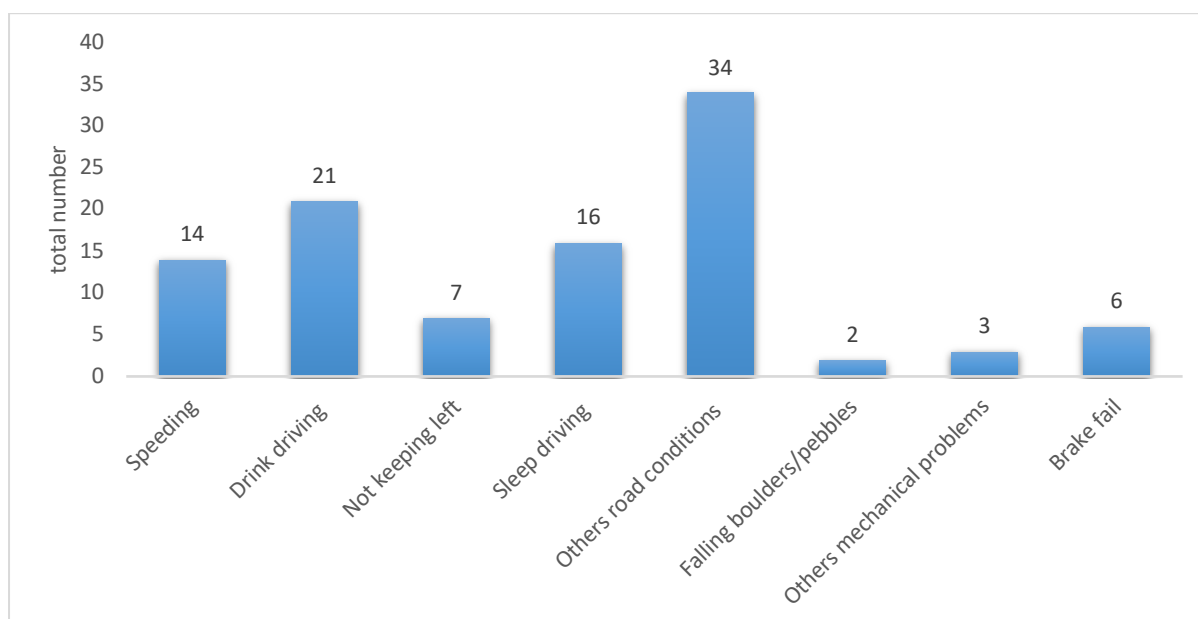
Source: Traffic Division, Royal Bhutan Police

vii. Motor Vehicle related fatalities by Gender and Dzongkhag for 1<sup>st</sup> Q 2022



Source: Traffic Division, Royal Bhutan Police

viii. Top Eight motor vehicle accident causes for 1<sup>st</sup> Q 2022



Source: Traffic Division, Royal Bhutan Police

ix. Total number of motor vehicle traffic violations, by type and inspection day, 2022 (1<sup>st</sup> Quarter)

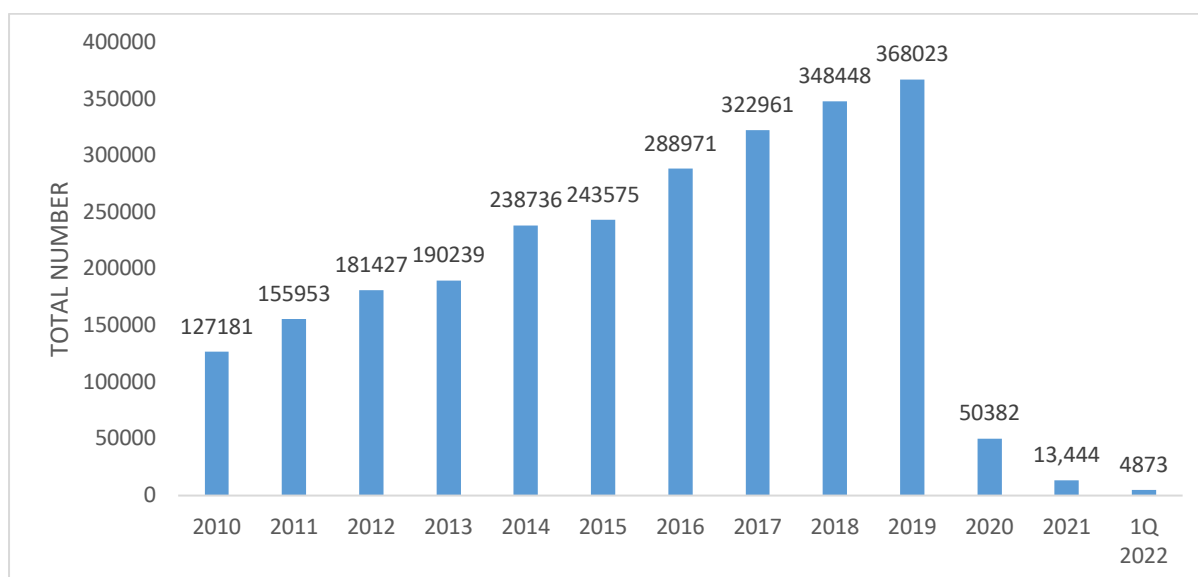
| Report                  | Zero Tolerance day Report | Highway checking Report | Daily Traffic violation report | Total |
|-------------------------|---------------------------|-------------------------|--------------------------------|-------|
| Unlicensed driving      | 84                        | 85                      | 155                            | 324   |
| No D/L on the spot      | 10                        | 8                       | 8                              | 26    |
| Driving on L/License    | 6                         | 6                       | 22                             | 34    |
| Driving without PDL     | 0                         | 0                       | 1                              | 1     |
| Drink driving           | 18                        | 7                       | 69                             | 94    |
| Extra passenger         | 31                        | 15                      | 42                             | 88    |
| Using cell Phone        | 10                        | 14                      | 43                             | 67    |
| Parking violations      | 53                        | 3                       | 222                            | 278   |
| Speeding                | 18                        | 1                       | 83                             | 102   |
| Over load               | 1                         | 26                      | 1                              | 28    |
| No entry                | 1                         | 0                       | 46                             | 47    |
| No RC on the spot       | 12                        | 7                       | 1                              | 20    |
| No emission paper       | 0                         | 0                       | 0                              | 0     |
| No fitness paper        | 1                         | 1                       | 0                              | 2     |
| Not giving right of way | 1                         | 0                       | 3                              | 4     |
| Unsafe overtaking       | 0                         | 1                       | 3                              | 4     |
| Insecure load           | 2                         | 21                      | 14                             | 37    |
| Unsafe U-turn           | 0                         | 0                       | 3                              | 3     |
| Not keeping left        | 2                         | 0                       | 0                              | 2     |

|   |        |        |         |         |
|---|--------|--------|---------|---------|
| Wrong signal  | 0      | 5      | 2       | 7       |
| Invalid RC  | 113    | 48     | 30      | 191     |
| Invalid Driving License                             | 12     | 16     | 0       | 28      |
| Driver not in proper dress                          | 7      | 2      | 8       | 17      |
| Tailgating  | 1      | 0      | 5       | 6       |
| Obstruction of Traffic                              | 2      | 0      | 17      | 19      |
| Faulty tires  | 6      | 4      | 0       | 10      |
| Unsafe right turn                                   | 3      | 0      | 1       | 4       |
| Using Vacuum horn                                   | 0      | 0      | 0       | 0       |
| Number plates obscured/not clearly as RSTA standard | 5      | 4      | 2       | 11      |
| Lighting system                                     | 3      | 7      | 3       | 13      |
| Reverse when unsafe                                 | 1      | 0      | 2       | 3       |
| Others  | 85     | 34     | 93      | 212     |
| TIN issued  | 488    | 315    | 879     | 1682    |
| Fine imposed (Nu)                                   | 512900 | 357900 | 1012400 | 1883200 |

Source: Road Safety and Transport Authority

#### 4. Aviation indicators:

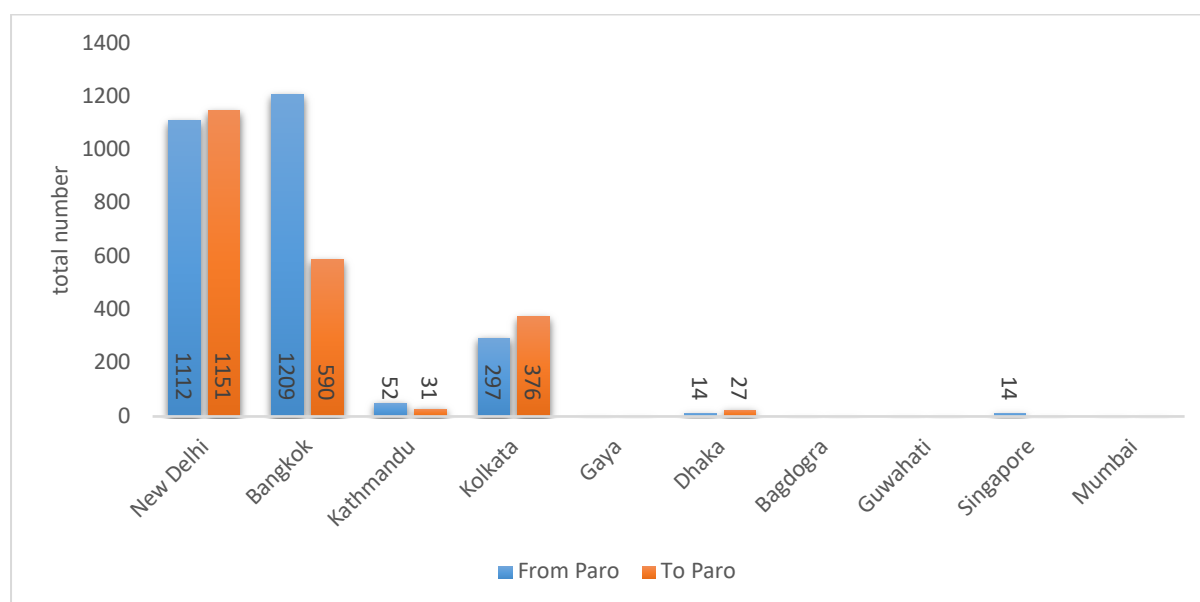
- i. International Air passengers<sup>5</sup> trend, 2010- 2022(as of 1Q end )



Source: Department of Air Transport/MoIC, BAS, Druk Air, Tashi Air and Bhutan Air Services

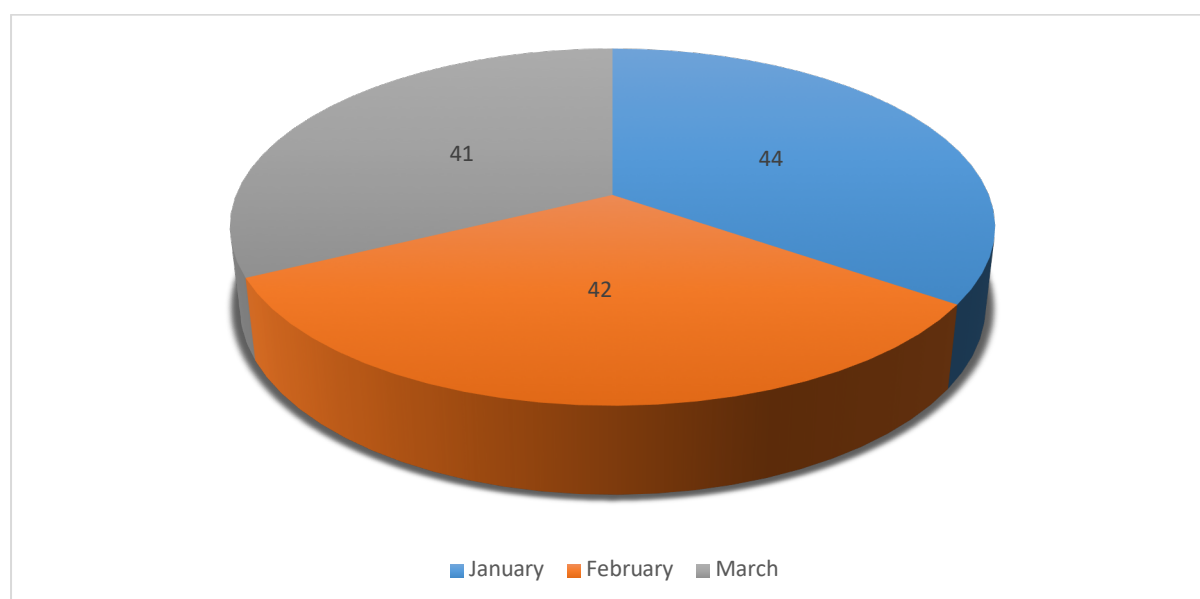
<sup>5</sup> Figure excluding connecting flight passengers of both the airlines and those carried out as part of relief flight

- ii. Total number of international air passengers departing and arriving at Paro International airport to/from various destinations: 1<sup>st</sup> Quarter 2022<sup>6</sup>



Source: DoAT/MoIC, BAS, Drukair and Tashi Air

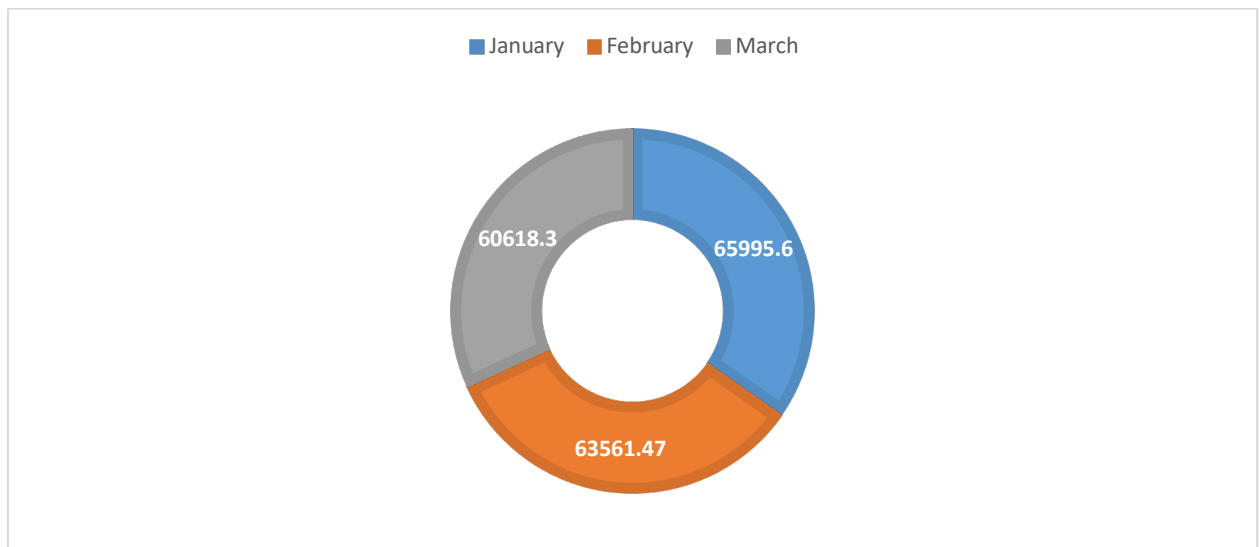
- iii. Total number of international flights from January-March 2022



Source: Airlines

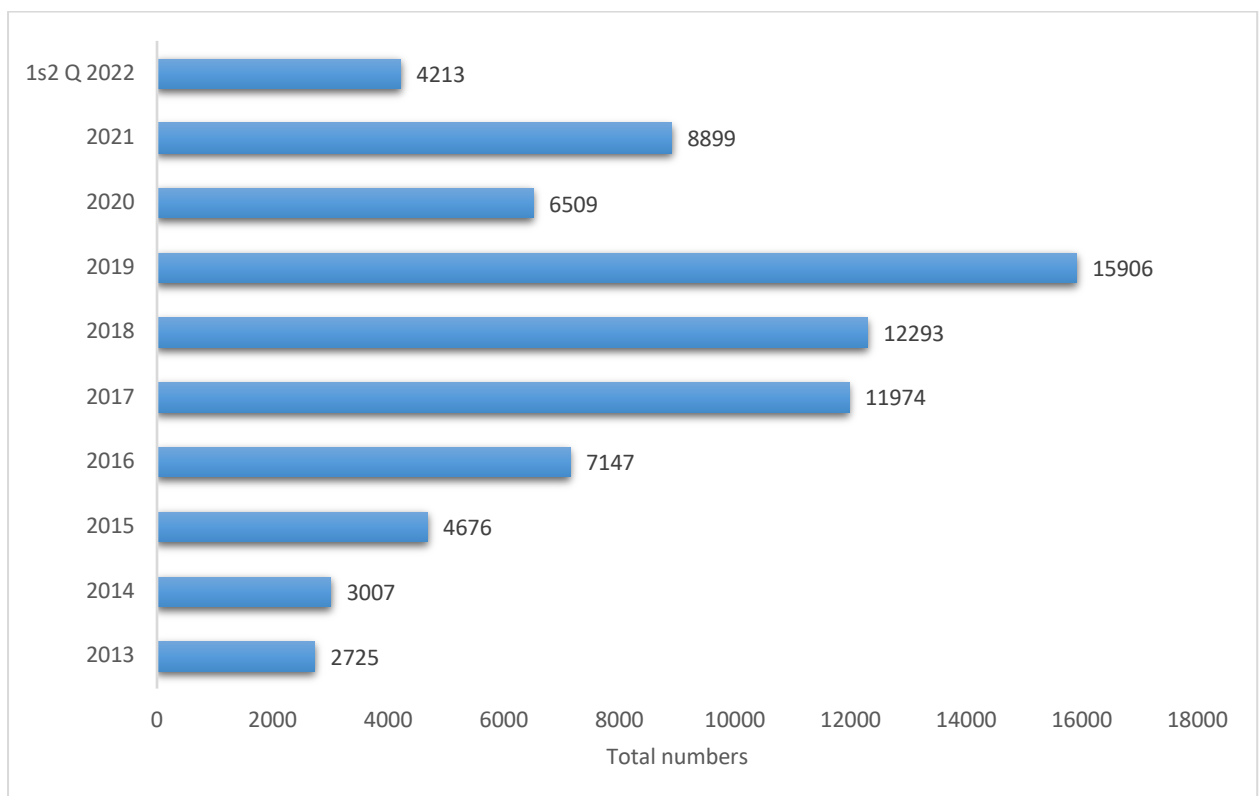
<sup>6</sup> All the figures do not include relief flight passengers

iv. Total number of cargos (kg) handled by the airlines from Jan-March 2022



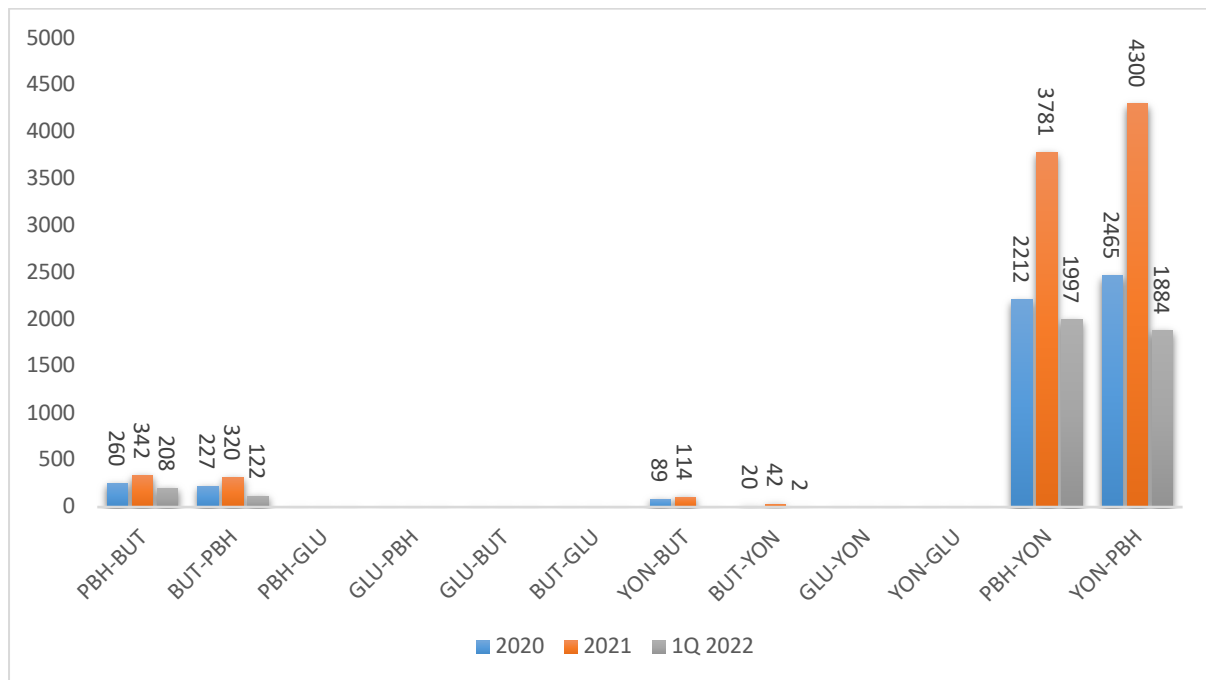
Source: Airlines

v. Domestic air passengers trend: 2013-2022 (as of 1Q end)



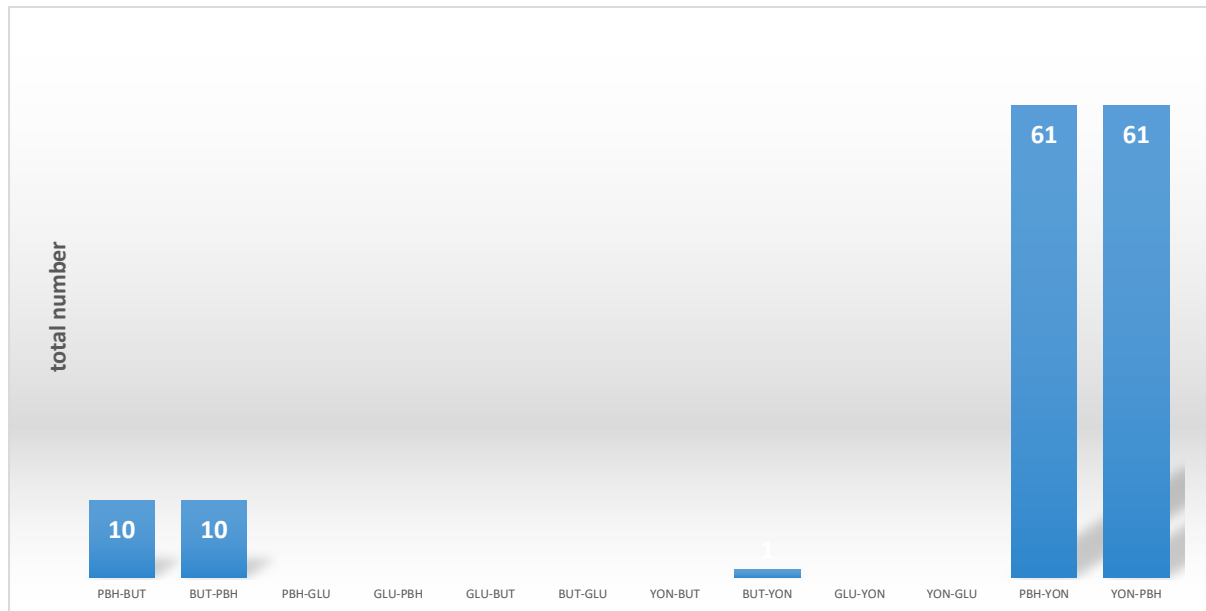
Source: Drukair

vi. Domestic air passengers trend by destinations , 2020-2022 (as of 1Q end)



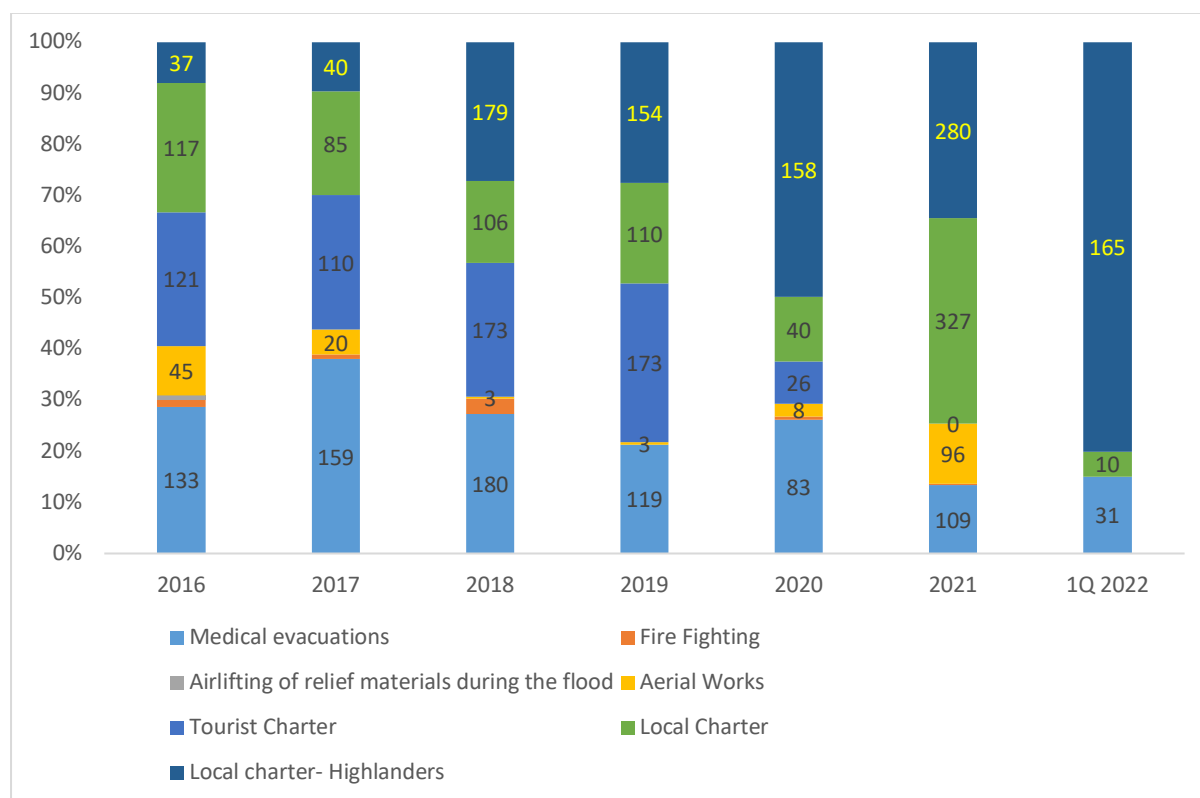
Source: Drukair

vii. Total number of domestic flights by Sector, 1<sup>st</sup> Q 2022



Source: Druk Air

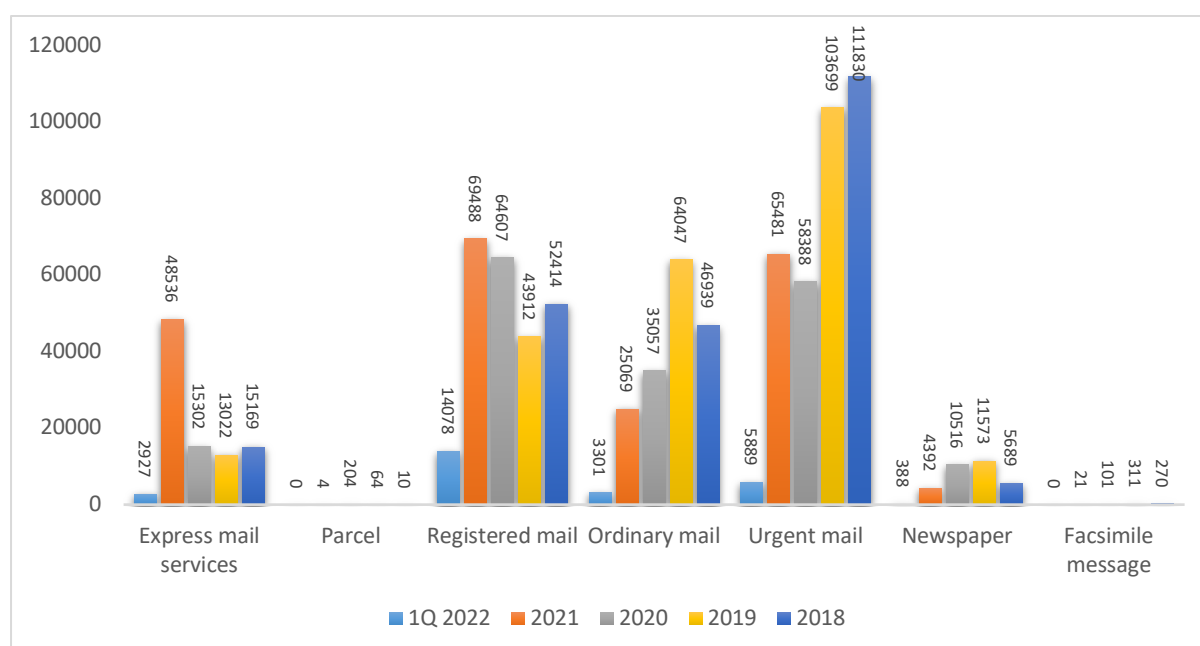
viii. Total number of Helicopter flights by services type, 2016- 2022 (1<sup>st</sup> Q end)



Source: Royal Helicopter Service Ltd

## 5. Postal Services (Bhutan Post only) indicators:

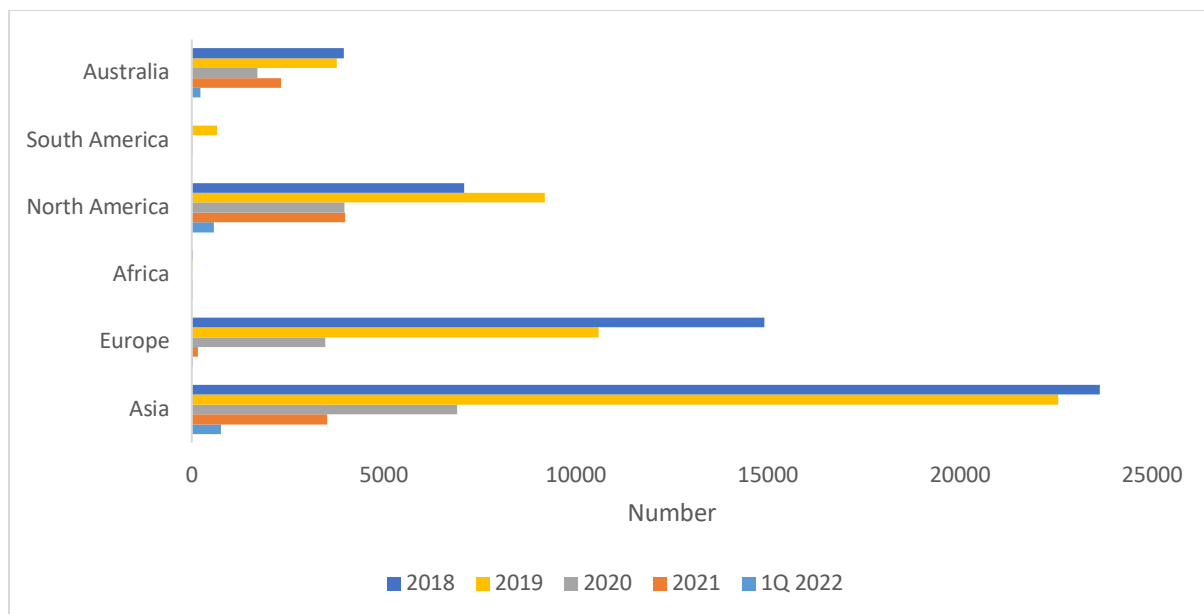
i. Trend of domestic postal services handled by Bhutan Post by service types during 1<sup>st</sup> Quarter 2022



Source: Bhutan Post



ii. Trend of International postal service handled by Bhutan Post by destination, 1<sup>st</sup> Quarter 2022



Source: Bhutan Post

iii. Domestic postal services handled by Bhutan Post by service types and Dzongkhag in 1<sup>st</sup> Quarter 2022

| Dzongkhag        | Express Mail Services | Parcel | Registered mail | Ordinary mail | Urgent mail | News paper | Facsimile message |
|------------------|-----------------------|--------|-----------------|---------------|-------------|------------|-------------------|
| Bumthang         | 30                    | 0      | 326             | 329           | 0           | 0          | 0                 |
| Chukha           | 29                    | 0      | 636             | 313           | 0           | 0          | 0                 |
| Dagana           | 92                    | 0      | 41              | 30            | 0           | 0          | 0                 |
| Gasa             | 2                     | 0      | 15              | 0             | 0           | 0          | 0                 |
| Haa              | 34                    | 0      | 130             | 8             | 0           | 0          | 0                 |
| Lhuntse          | 2                     | 0      | 55              | 135           | 0           | 0          | 0                 |
| Mongar           | 90                    | 0      | 308             | 141           | 0           | 0          | 0                 |
| Paro             | 496                   | 0      | 1343            | 25            | 0           | 0          | 0                 |
| Punakha          | 12                    | 0      | 93              | 32            | 0           | 0          | 0                 |
| Pemagatshel      | 137                   | 0      | 27              | 0             | 0           | 0          | 0                 |
| Samtse           | 174                   | 0      | 491             | 16            | 0           | 0          | 0                 |
| Sarpang          | 424                   | 0      | 647             | 1228          | 0           | 0          | 0                 |
| Samdrup Jongkhar | 203                   | 0      | 239             | 151           | 0           | 0          | 0                 |
| Thimphu          | 697                   | 0      | 8721            | 599           | 5889        | 388        | 0                 |
| Trongsa          | 60                    | 0      | 122             | 15            | 0           | 0          | 0                 |

|                     |             |          |              |             |             |            |          |
|---------------------|-------------|----------|--------------|-------------|-------------|------------|----------|
| Trashigang          | 270         | 0        | 298          | 122         | 0           | 0          | 0        |
| Tashi Yangtse       | 109         | 0        | 31           | 12          | 0           | 0          | 0        |
| Tsirang             | 21          | 0        | 191          | 57          | 0           | 0          | 0        |
| Wangdue<br>Phodrang | 40          | 0        | 276          | 54          | 0           | 0          | 0        |
| Zhemgang            | 5           | 0        | 88           | 34          | 0           | 0          | 0        |
| <b>Total</b>        | <b>2927</b> | <b>0</b> | <b>14078</b> | <b>3301</b> | <b>5889</b> | <b>388</b> | <b>0</b> |

Source: Bhutan Postal Corporation

iv. International postal services handled by Bhutan Post by service types and Continents in 1<sup>st</sup> Quarter 2022

| <b>Continents</b> | <b>Express Mail Service</b> | <b>FedEx</b> | <b>TN T</b> | <b>Parcel</b> | <b>Registered Mail</b> | <b>Ordinary Mail</b> | <b>Post Overnight Courier</b> | <b>Facsimile Message</b> |
|-------------------|-----------------------------|--------------|-------------|---------------|------------------------|----------------------|-------------------------------|--------------------------|
| Asia              | 596                         | 4            | 1           | 0             | 149                    | 0                    | 0                             | 0                        |
| Europe            | 10                          | 13           | 0           | 0             | 0                      | 0                    | 0                             | 0                        |
| Africa            | 0                           | 1            | 0           | 0             | 0                      | 0                    | 0                             | 0                        |
| North America     | 571                         | 5            | 0           | 0             | 0                      | 0                    | 0                             | 0                        |
| South America     | 0                           | 0            | 0           | 0             | 0                      | 0                    | 0                             | 0                        |
| Australia         | 224                         | 2            | 0           | 0             | 0                      | 0                    | 0                             | 0                        |
| <b>Total</b>      | <b>1401</b>                 | <b>25</b>    | <b>1</b>    | <b>0</b>      | <b>149</b>             | <b>0</b>             | <b>0</b>                      | <b>0</b>                 |

Source: Bhutan Postal Corporation