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## Nepal Telecommunications Authority

# Telecommunication Indicators

## Shrawan, 2082

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# 1. Voice Telephony

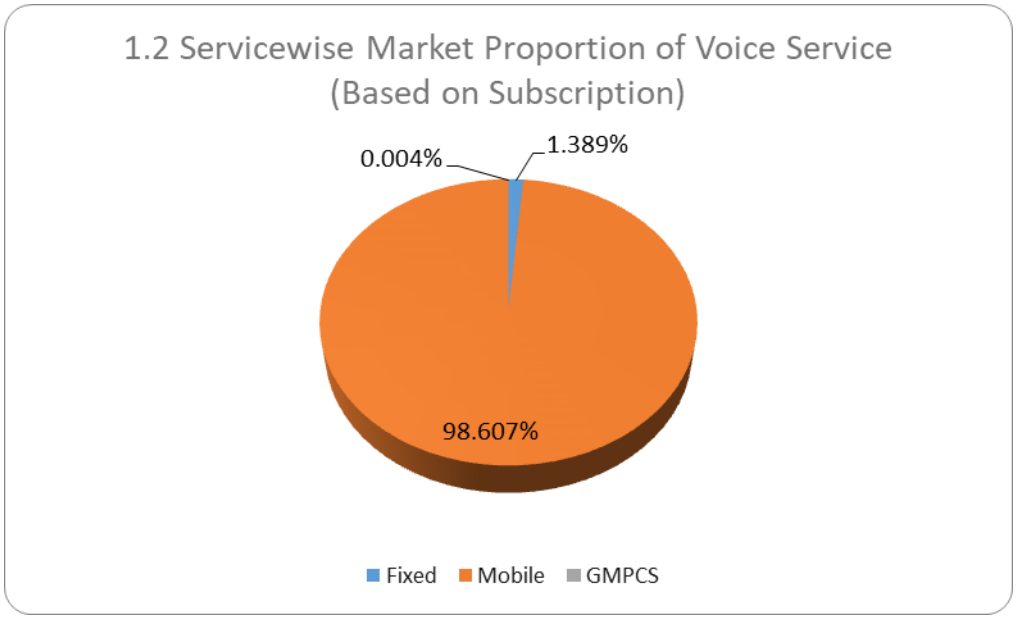
## 1.1 Subscription of Voice Telephony Service

| Operator | Service | Technology | Total Number of Subscribers |
|---|---|---|---|
| **Nepal Doorsanchar Company Ltd.** | Fixed | PSTN | 33,596 |
| | | FTTH Voice | 379,919 |
| | | VSAT | |
| | | WLL# | |
| | Mobile | CDMA | |
| | | GSM/IMT | 15,309,556 |
| **Ncell Company Ltd.** | | GSM/IMT | 14,041,261 |
| **Constellation Pvt. Ltd.** | GMPCS | GMPCS | 1,092 |
| **I4 Technology Pvt.Ltd.** | | GMPCS | 16 |
| **Total** | | | 29,765,440 |

**Population (Census reference 2078): 2,91,64,578 (Source: cbs.gov.np)**
**# CDMA/ WLL service phased out by Nepal Doorsanchar Company Ltd. from Shrawan, 2080.**
**# Based on the data as of end of June,2025.**

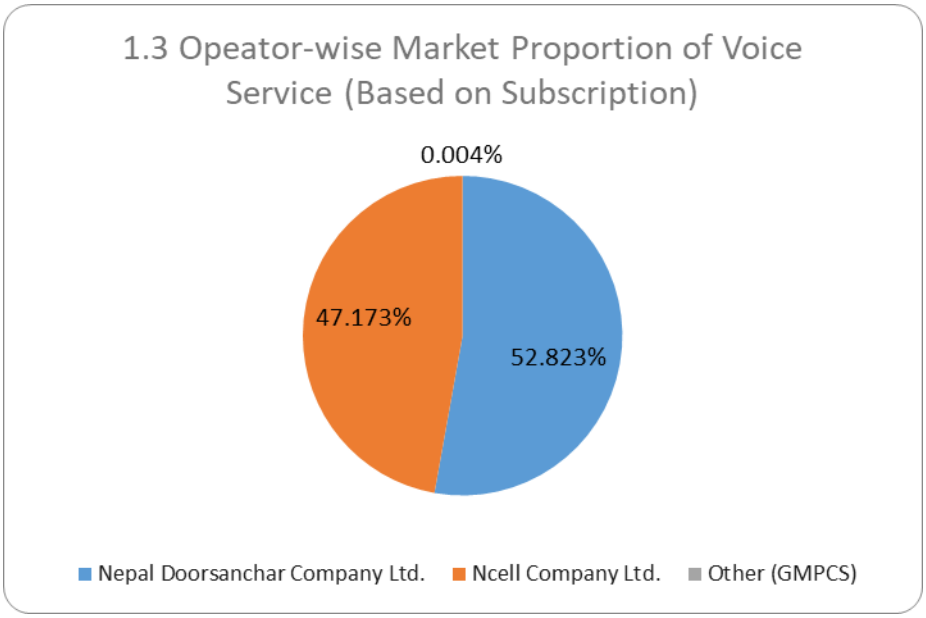
## 1.2 Service wise Market Proportion of Voice Service (Based on Subscription)

| Voice Telephony Service | Number of Subscriber | Market Proportion (%) |
|---|---|---|
| **Fixed** | 413,515 | 1.389 |
| **Mobile** | 29,350,817 | 98.607 |
| **GMPCS** | 1,108 | 0.004 |
| **Total** | 29,765,440 | 100.00 |



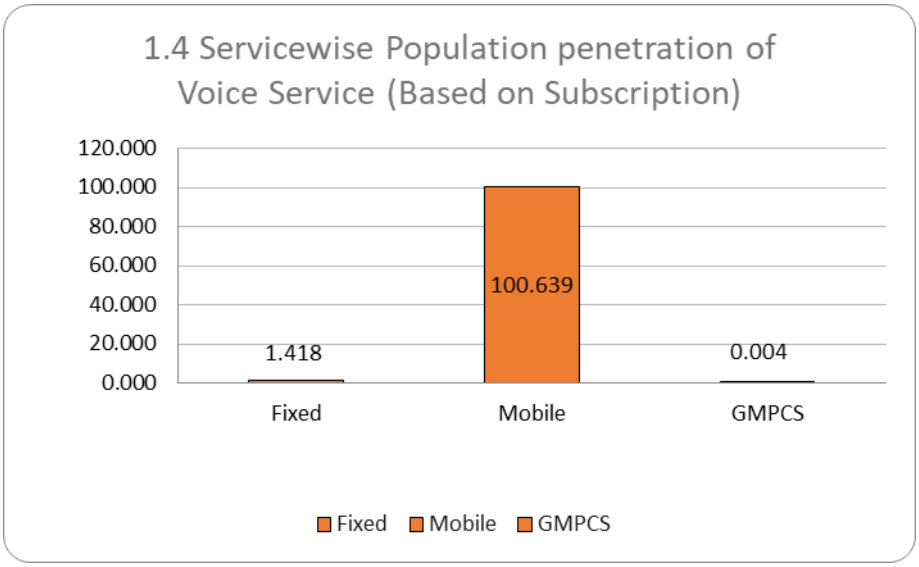
## 1.3 Operator-wise Market Proportion of Voice Service (Based on Sim Subscription)

| Operator | Number of Subscriber | Market Proportion (%) |
|---|---|---|
| **Nepal Doorsanchar Company Ltd.** | 15,723,071 | 52.823 |
| **Ncell Company Ltd.** | 14,041,261 | 47.173 |
| **Other (GMPCS)** | 1,108 | 0.004 |
| **Total** | 29,765,440 | 100.000 |



## 1.4 Population Penetration (%) of Voice Service (Based on Subscription)

| Voice Telephony Service | Number of Subscriber | Population Penetration (%) |
|---|---|---|
| **Fixed** | 413,515 | 1.418 |
| **Mobile** | 29,350,817 | 100.639 |
| **GMPCS** | 1,108 | 0.004 |
| **Total** | 29,765,440 | 102.060 |



# 1. Internet Service

## 2.1 Subscription of Broadband Internet Service

| Services | | No.of Subscriptions | | | Total |
|---|---|---|---|---|---|
| | | Nepal Doorsanchar Company Ltd. | Ncell Axiata Ltd. | ISPs | |
| Fixed Broadband (Wired) | ADSL/ Cable | 482 | - | 5 | 487 |
| | FTTH | 330,871 | - | 2,907,766 | 3,238,637 |
| Fixed Broadband (Wireless) | Radio (WIFI) | 24,072 | - | 3,600 | 27,672 |
| Mobile Broadband | 3G | 737,330 | 108,729 | - | 846,059 |
| | 4G | 14,132,045 | 11,660,894 | - | 25,792,939 |
| | EVDO | | | | - |
| Total | | 15,224,800 | 11,769,623 | 2,911,371 | 29,905,794 |

**Note:** Data/Internet Service through GPRS Service is excluded in Broadband subscription.

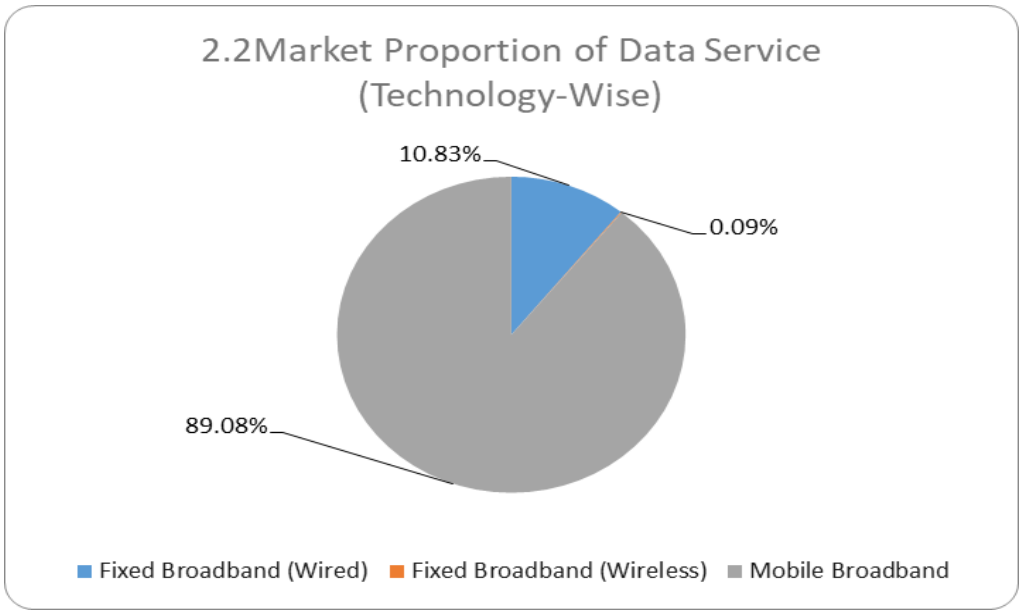
# 1 Connection equal to 4.37 subscribers for fixed broadband (Source: cbs.gov.np)

# EVDO service phased out by Nepal Doorsanchar Company Ltd. from Shrawan, 2080.

# Based on the data as of end of July,2025.

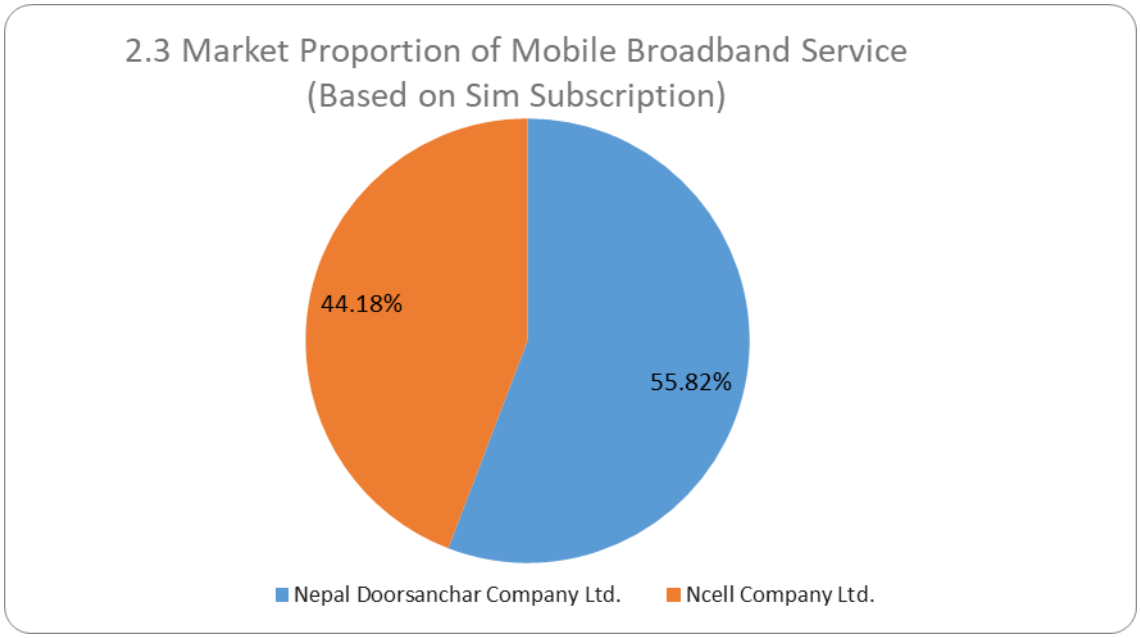
## 2.2 Market Proportion of Data Service (Technology-wise)

| Broadband Services | Number of Subscriptions | Market Proportion (%) |
|---|---|---|
| **Fixed Broadband (Wired)** | 3,239,124 | 10.83 |
| **Fixed Broadband (Wireless)** | 27,672 | 0.09 |
| **Mobile Broadband** | 26,638,998 | 89.08 |
| **Total Broadband Service** | 29,905,794 | 100.00 |



## 2.3 Market Proportion of Mobile Broadband Service (Based on Sim Subscription)

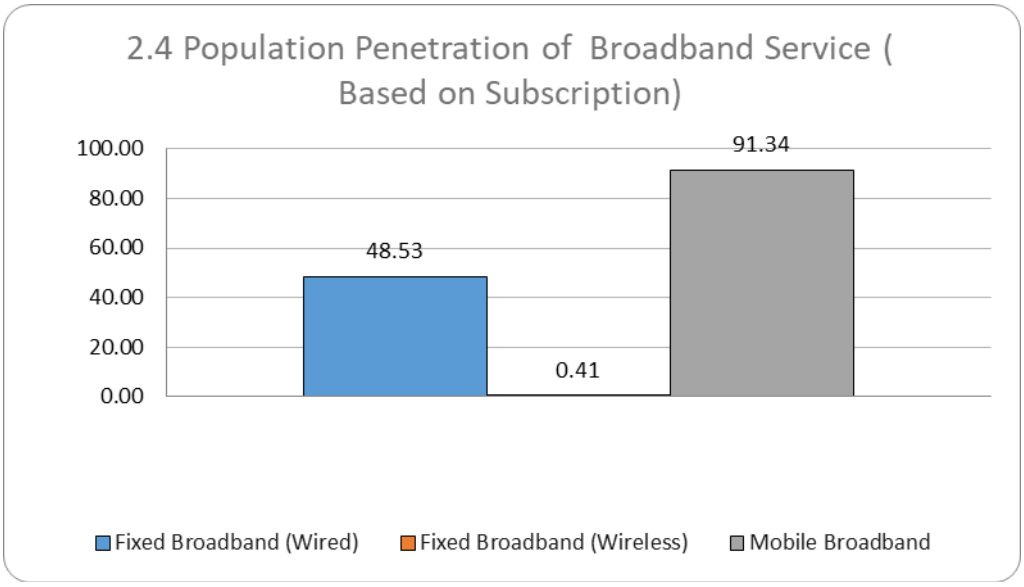
| Operator | Number of Subscriptions | Market Proportion (%) |
|---|---|---|
| **Nepal Doorsanchar Company Ltd.** | 14,869,375 | 55.82 |
| **Ncell Company Ltd.** | 11,769,623 | 44.18 |
| **Total** | 26,638,998 | 100.00 |



## 2.4 Population Penetration of Broadband Service (Based on Subscription)

| Broadband Services | Number of | | Population Penetration(%) |
|---|---|---|---|
| | Subscriptions | Subscribers | |
| **Fixed Broadband (Wired)** | 3,239,124 | 14,154,972 | 48.53 |
| **Fixed Broadband (Wireless)** | 27,672 | 120,927 | 0.41 |
| **Mobile Broadband** | 26,638,998 | 26,638,998 | 91.34 |
| **Total** | 29,905,794 | 40,914,897 | 140.29 |

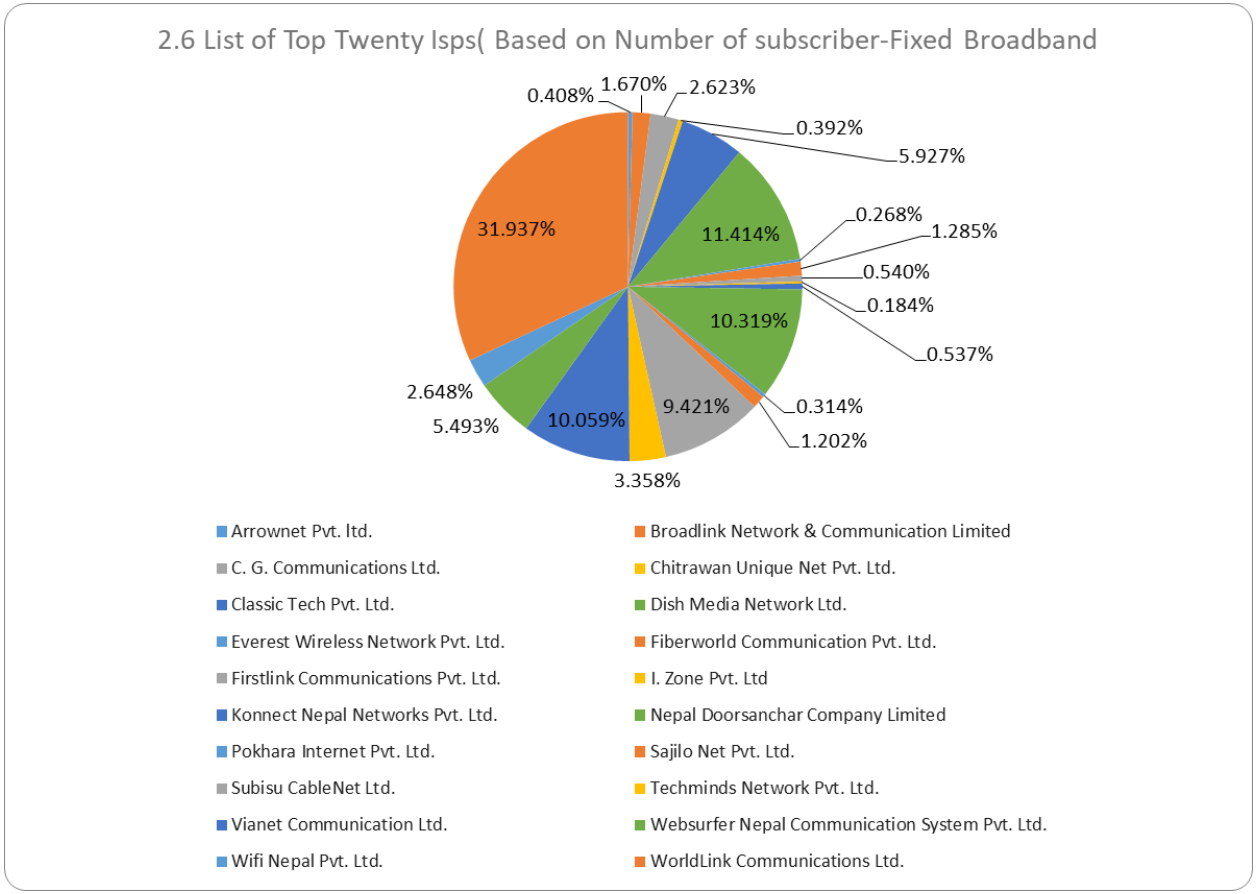
(Family size of Nepal according to Population census 2078 is 4.37 and Population of Nepal is 29,164,578)



## 2.5 List of Top Twenty Internet Service Providers ( Based on Number of subscriber-Fixed Broadband)

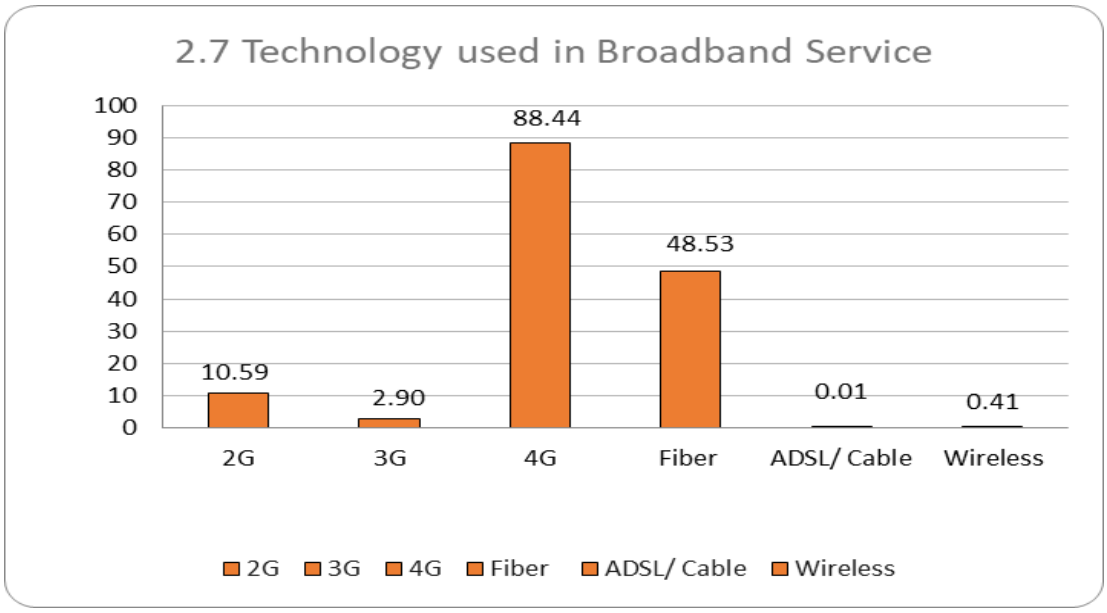
| S.no. | Operator | Fiber | ADSL/Cable | Wireless | Total | Market Share (in %) | Rank |
|---|---|---|---|---|---|---|---|
| 1 | Arrownet Pvt. ltd. | 13,075 | 0 | 62 | 13,137 | 0.40% | 17 |
| 2 | Broadlink Network & Communication Limited | 53,546 | 0 | 71 | 53,617 | 1.64% | 11 |
| 3 | C. G. Communications Ltd. | 84,116 | 0 | - | 84,116 | 2.57% | 10 |
| 4 | Chitrawan Unique Net Pvt. Ltd. | 12,569 | 0 | - | 12,569 | 0.38% | 18 |
| 5 | Classic Tech Pvt. Ltd. | 190,038 | 0 | 699 | 190,737 | 5.84% | 6 |
| 6 | Dish Media Network Ltd. | 365,991 | 0 | - | 365,991 | 11.20% | 2 |
| 7 | Everest Wireless Network Pvt. Ltd. | 8,589 | 0 | 1,450 | 10,039 | 0.31% | 20 |
| 8 | Fiberworld Communication Pvt. Ltd. | 41,203 | 0 | 165 | 41,368 | 1.27% | 12 |
| 9 | Firstlink Communications Pvt. Ltd. | 17,326 | 0 | - | 17,326 | 0.53% | 15 |
| 10 | I. Zone Pvt. Ltd | 5,897 | 0 | - | 5,897 | 0.18% | 21 |
| 11 | Konnect Nepal Networks Pvt. Ltd. | 17,229 | 0 | - | 17,229 | 0.53% | 16 |
| 12 | Nepal Doorsanchar Company Limited | 330,871 | 482 | 24,072 | 355,425 | 10.88% | 3 |
| 13 | Pokhara Internet Pvt. Ltd. | 10,065 | 0 | 4 | 10,069 | 0.31% | 19 |
| 14 | Sajilo Net Pvt. Ltd. | 38,549 | 0 | - | 38,549 | 1.18% | 13 |
| 15 | Subisu CableNet Ltd. | 302,093 | 0 | - | 302,093 | 9.25% | 5 |
| 16 | Techminds Network Pvt. Ltd. | 107,665 | 0 | 330 | 107,995 | 3.31% | 8 |
| 17 | Vianet Communication Ltd. | 322,542 | 0 | - | 322,542 | 9.87% | 4 |
| 18 | Websurfer Nepal Communication System Pvt. Ltd. | 176,132 | 0 | 409 | 176,541 | 5.40% | 7 |
| 19 | Wifi Nepal Pvt. Ltd. | 84,902 | 0 | - | 84,902 | 2.60% | 9 |
| 20 | WorldLink Communications Ltd. | 1,024,059 | 0 | 329 | 1,024,388 | 31.36% | 1 |
| 21 | Other | 32,180 | 5 | 81 | 32,266 | 0.99% | 14 |

## 2.6 Market proportion of Fixed Broadband service (Operator-wise)



## 2.7 Technology used in Broadband Service

| Technology | Number of user | Population Penetration Proportion (%) |
|---|---|---|
| **2G** | 3,087,175 | 10.59 |
| **3G** | 846,059 | 2.90 |
| **4G** | 25,792,939 | 88.44 |
| **Fiber** | 14,152,844 | 48.53 |
| **ADSL/ Cable** | 2,128 | 0.01 |
| **Wireless** | 120,927 | 0.41 |
| **Total** | 44,002,072 | 150.88 |
| **Family Size** | | 4.37 |
| **Population of Nepal(2078)** | | 29,164,578 |

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