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1. Voice Telephony

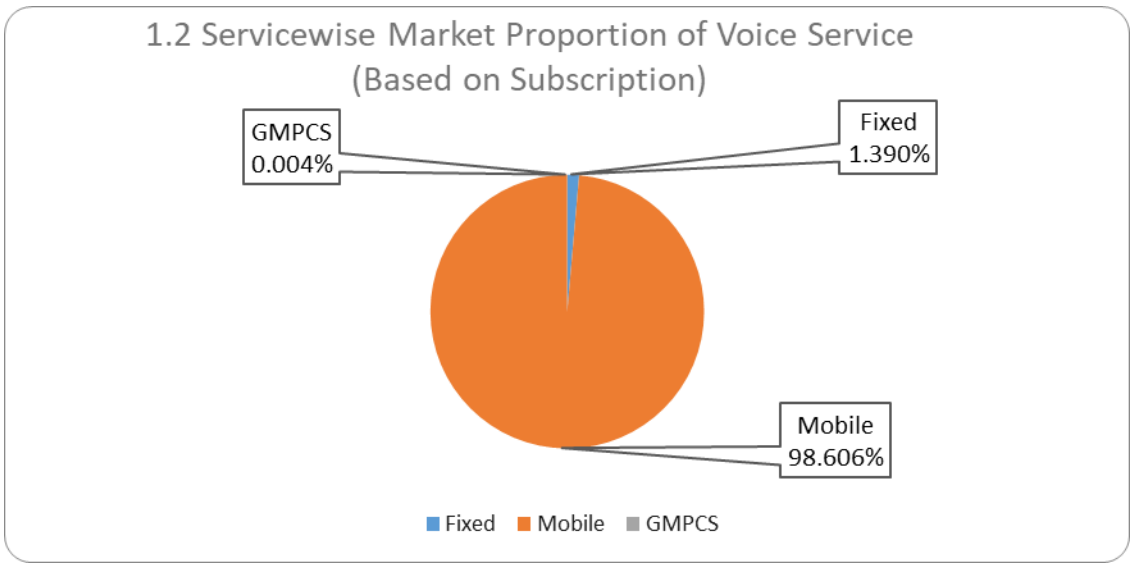
1.1 Subscription of Voice Telephony Service

Operator	Service	Technology	Total Number of Subscribers
Nepal Doorsanchar Company Ltd.	Fixed	PSTN	33,144
		FTTH Voice	380,526
		VSAT	
		WLL#	
	Mobile	CDMA	
		GSM/IMT	15,354,804
Ncell Company Ltd.			13,981,875
Constellation Pvt. Ltd.	GMPCS	GMPCS	1,103
I4 Technology Pvt.Ltd.			16
Total			29,751,468

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 August,2025.

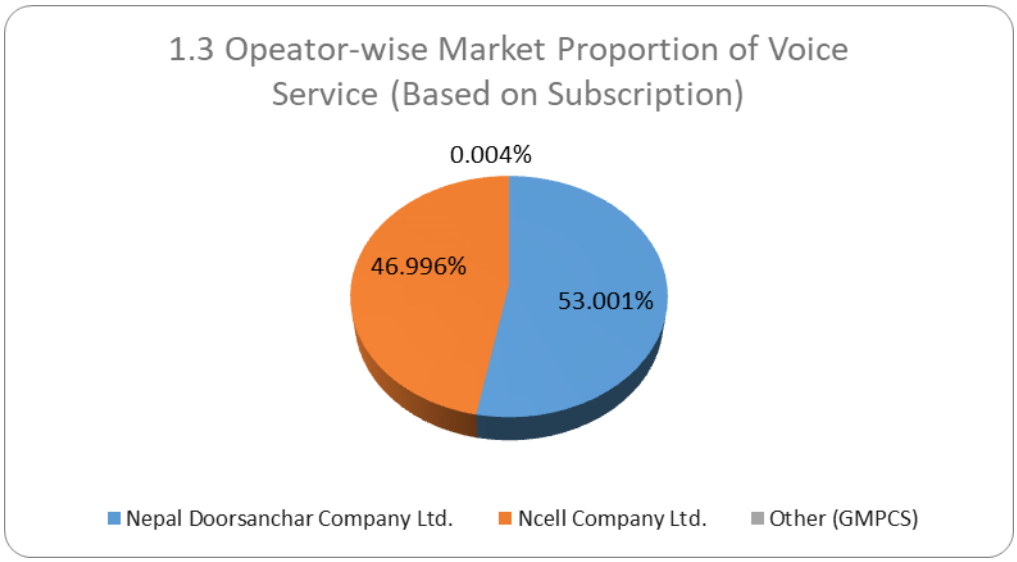
1.2 Service wise Market Proportion of Voice Service (Based on Subscription)

Voice Telephony Service	Number of Subscriber	Market Proportion (%)
Fixed	413,670	1.390
Mobile	29,336,679	98.606
GMPCS	1,119	0.004
Total	29,751,468	100.00



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

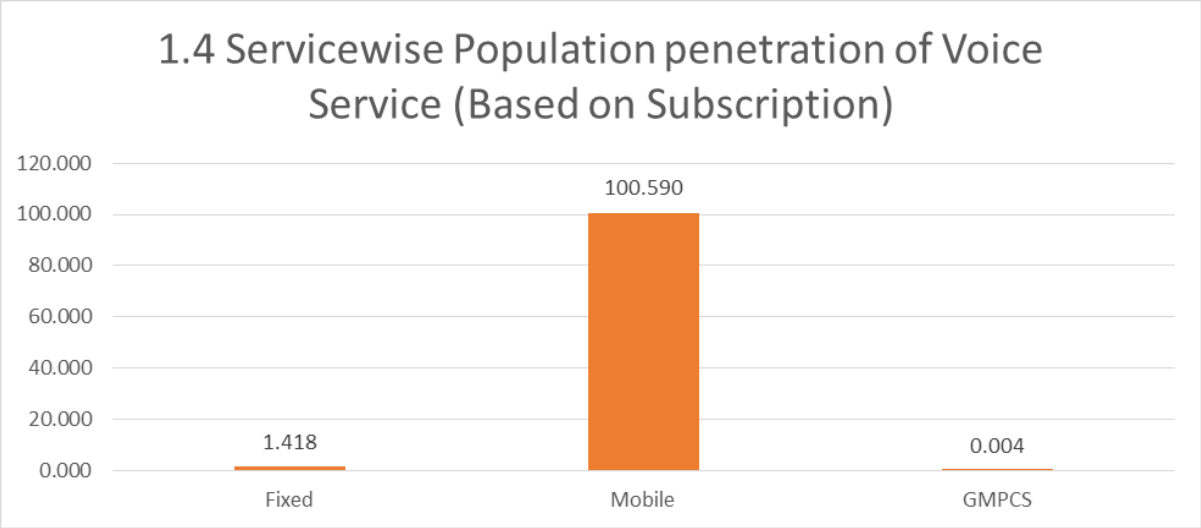
Operator	Number of Subscriber	Market Proportion (%)
Nepal Doorsanchar Company Ltd.	15,768,474	53.001
Ncell Company Ltd.	13,981,875	46.996
Other (GMPCS)	1,119	0.004
Total	29,751,468	100.000



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

Voice Telephony Service	Number of Subscriber	Population Penetration (%)
Fixed	413,670	1.418
Mobile	29,336,679	100.590
GMPCS	1,119	0.004
Total	29,751,468	102.012

Projection (2011-2031)) source: cbs.gov.np
Population 29,164,578.00



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	413	-	-	413
	FTTH	331,852	-	2,925,829	3,257,681
Fixed Broadband (Wireless)	Radio (WIFI)	23,779	-	3,441	27,220
Mobile Broadband	3G	730,595	104,377	-	834,972
	4G	14,209,499	11,654,624	-	25,864,123
	EVDO				-
Total		15,296,138	11,759,001	2,929,270	29,984,409

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

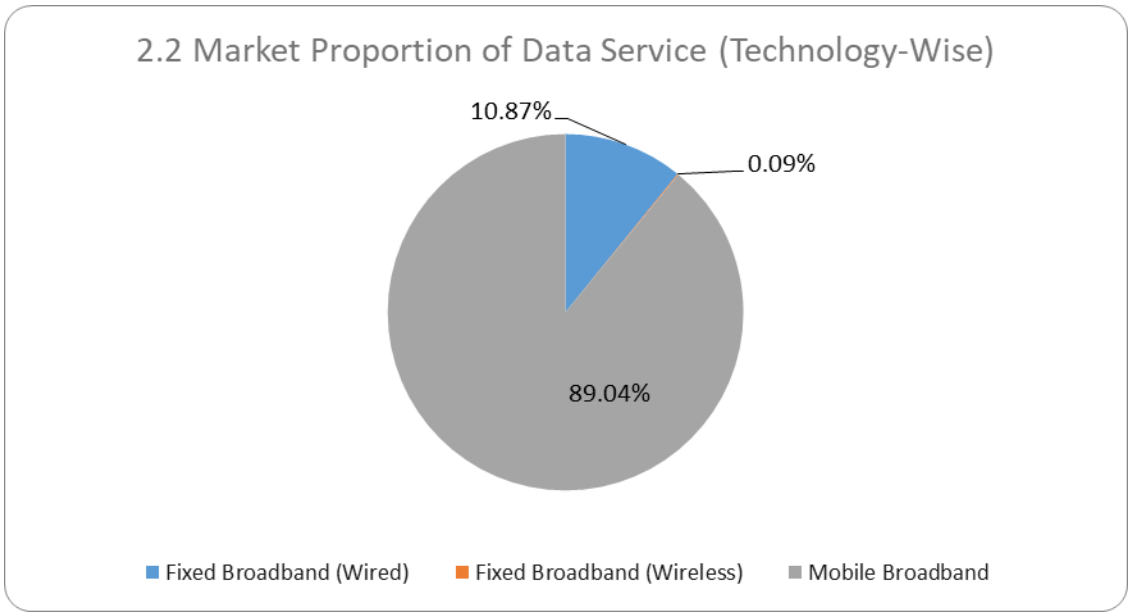
1 Connection equal to 4.37 subscribers for fixed broadband (Source: cbs.gov.np)

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

Based on the data as of end of August,2025.

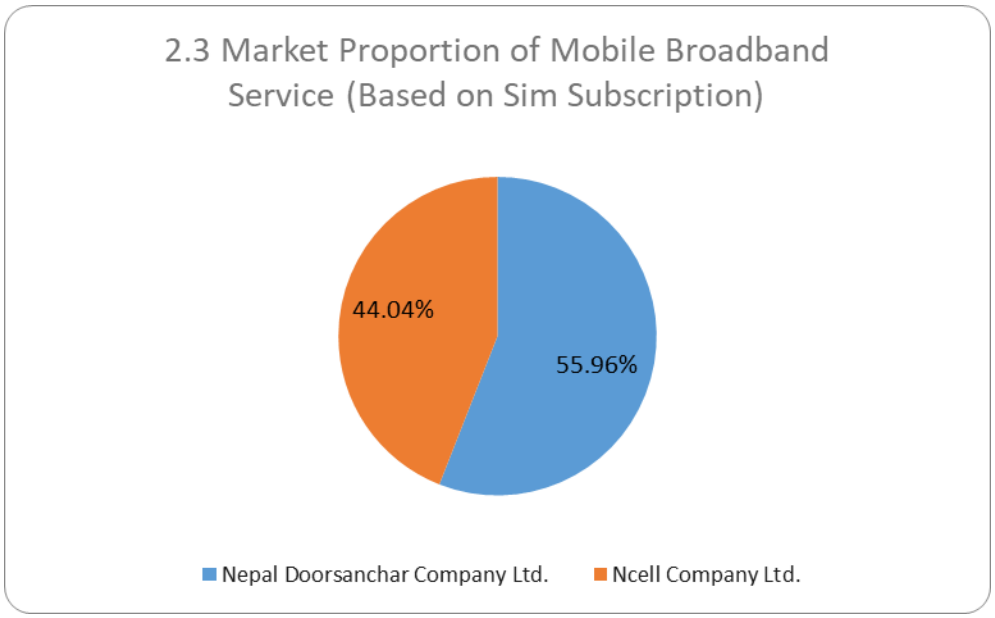
2.2 Market Proportion of Data Service (Technology-wise

Broadband Services	Number of Subscription	Market Proportion (%)
Fixed Broadband (Wired)	3,258,094	10.87
Fixed Broadband (Wireless)	27,220	0.09
Mobile Broadband	26,699,095	89.04
Total Broadband Service	**29,984,409**	100.00



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

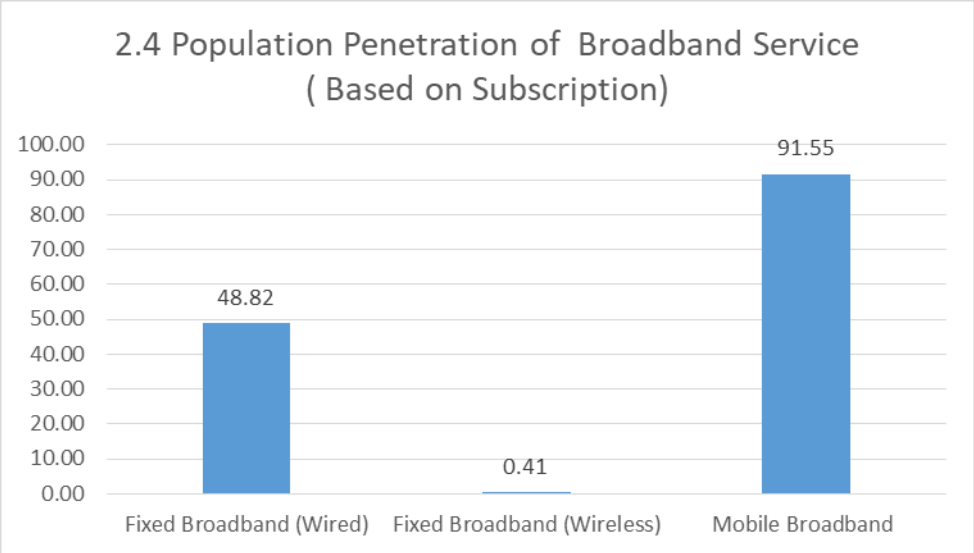
Operator	Number of Subscription	Market Proportion (%)
Nepal Doorsanchar Company Ltd.	14,940,094	55.96
Ncell Company Ltd.	11,759,001	44.04
Total	26,699,095	100.00



2.4 Population Penetration of Broadband Service (Based on Subscription)

Broadband Services	Number of		Population Penetration (%)
	Subscriptions	**Subscribers**	
Fixed Broadband (Wired)	3,258,094	14,237,871	48.82
Fixed Broadband (Wireless)	27,220	118,951	0.41
Mobile Broadband	26,699,095	26,699,095	91.55
Total	**29,984,409**	**41,055,917**	140.77

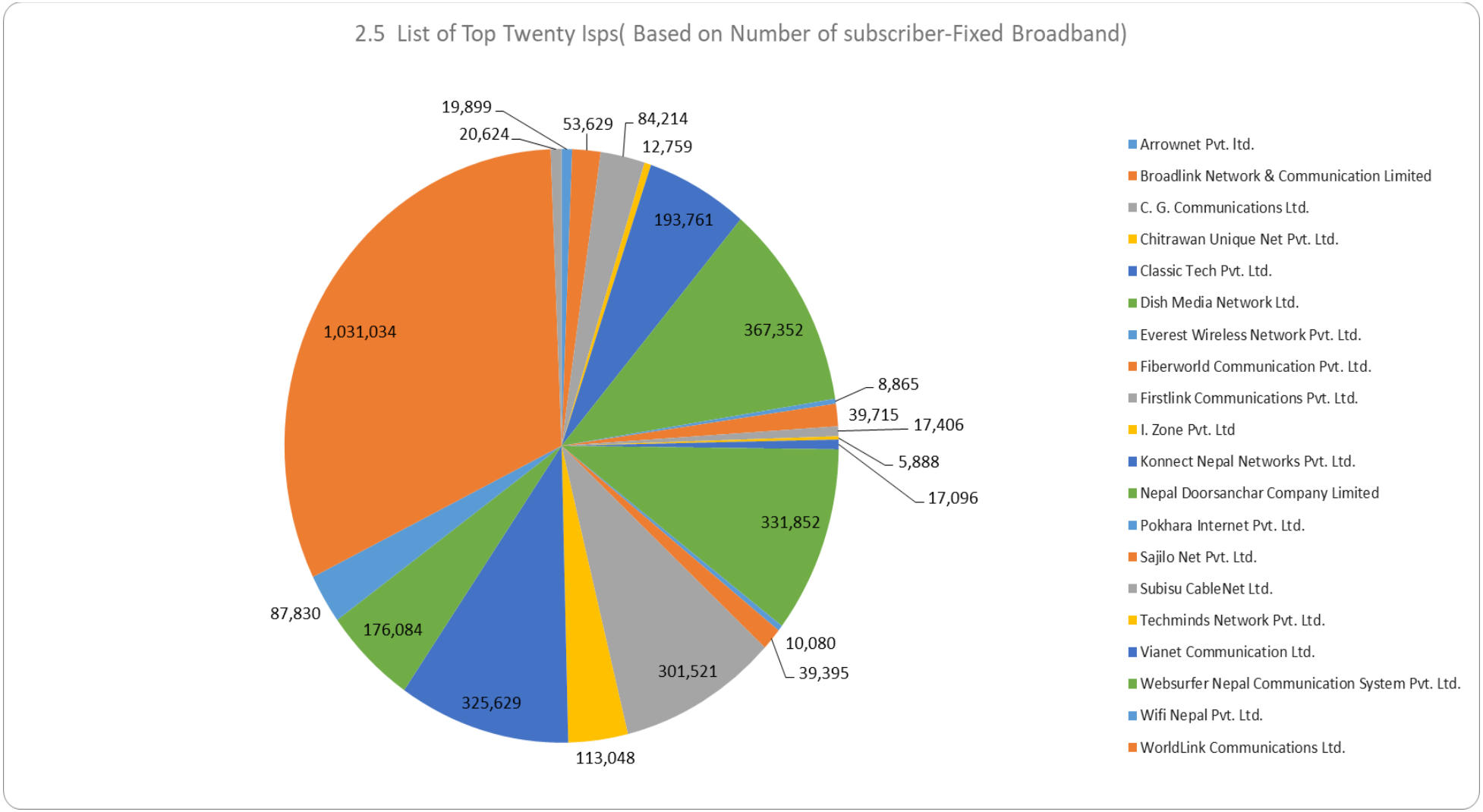
(Family size of Nepal according to Population census 2078 is 4.37 and Population of Nepal is 29,164,578)



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

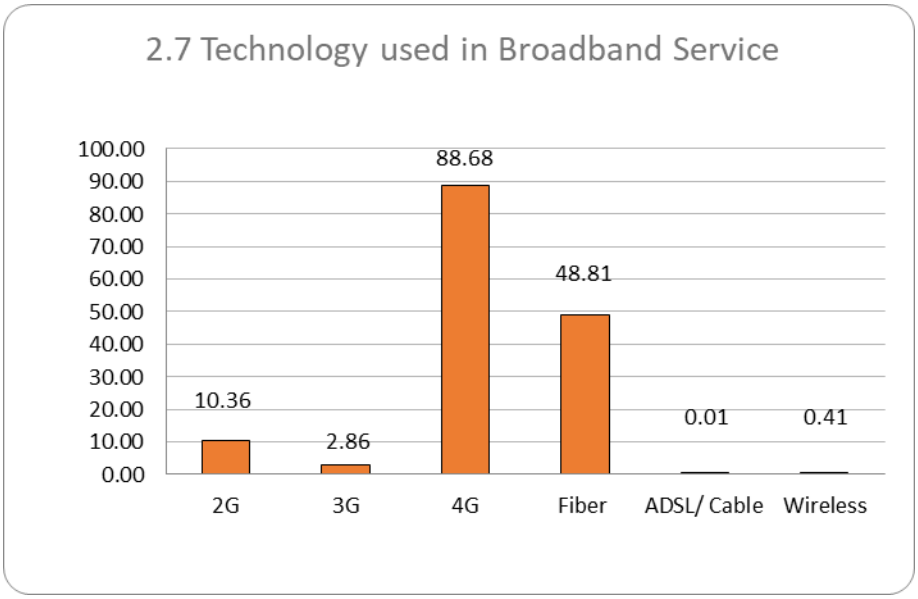
S.no.	Operator	Fiber	ADSL/Cable	Wireless	Total	Market Share (in %)	Rank
1	Arrownet Pvt. ltd.	19,899	-	62	19,961	0.61%	15
2	Broadlink Network & Communication Limited	53,629	-	71	53,700	1.63%	11
3	C. G. Communications Ltd.	84,214	-	-	84,214	2.56%	10
4	Chitrawan Unique Net Pvt. Ltd.	12,759	-	-	12,759	0.39%	18
5	Classic Tech Pvt. Ltd.	193,761	-	699	194,460	5.92%	6
6	Dish Media Network Ltd.	367,352	-	-	367,352	11.18%	2
7	Everest Wireless Network Pvt. Ltd.	8,865	-	1,450	10,315	0.31%	19
8	Fiberworld Communication Pvt. Ltd.	39,715	-	5	39,720	1.21%	12
9	Firstlink Communications Pvt. Ltd.	17,406	-	-	17,406	0.53%	16
10	I. Zone Pvt. Ltd	5,888	-	-	5,888	0.18%	21
11	Konnect Nepal Networks Pvt. Ltd.	17,096	-	-	17,096	0.52%	17
12	Nepal Doorsanchar Company Limited	331,852	413	23,779	356,044	10.84%	3
13	Pokhara Internet Pvt. Ltd.	10,080	-	1	10,081	0.31%	20
14	Sajilo Net Pvt. Ltd.	39,395	-	-	39,395	1.20%	13
15	Subisu CableNet Ltd.	301,521	-	-	301,521	9.18%	5
16	Techminds Network Pvt. Ltd.	113,048	-	320	113,368	3.45%	8
17	Vianet Communication Ltd.	325,629	-	-	325,629	9.91%	4
18	Websurfer Nepal Communication System Pvt. Ltd.	176,084	-	409	176,493	5.37%	7
19	Wifi Nepal Pvt. Ltd.	87,830	-	-	87,830	2.67%	9
20	WorldLink Communications Ltd.	1,031,034	-	327	1,031,361	31.39%	1
21	Other	20,624	-	97	20,721	0.63%	14
Total		3,257,681	413	27,220	3,285,314	100%	

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	3,020,002	10.36
3G	834,972	2.86
4G	25,864,123	88.68
Fiber	14,236,066	48.81
ADSL/ Cable	1,805	0.01
Wireless	118,951	0.41
Total	44,075,919	151.13
Family Size		4.37
Population of Nepal(2078)		**29,164,578**



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