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Nepal Telecommunications Authority

Telecommunication Indicators

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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	30,156
		FTTH Voice	394,491
		VSAT	
		WLL#	
	Mobile	CDMA	
		GSM/IMT	15,885,028
Ncell Company Ltd.			14,046,382
Constellation Pvt. Ltd.	GMPCS	GMPCS	1,205
I4 Technology Pvt.Ltd.			16
Total			30,357,278

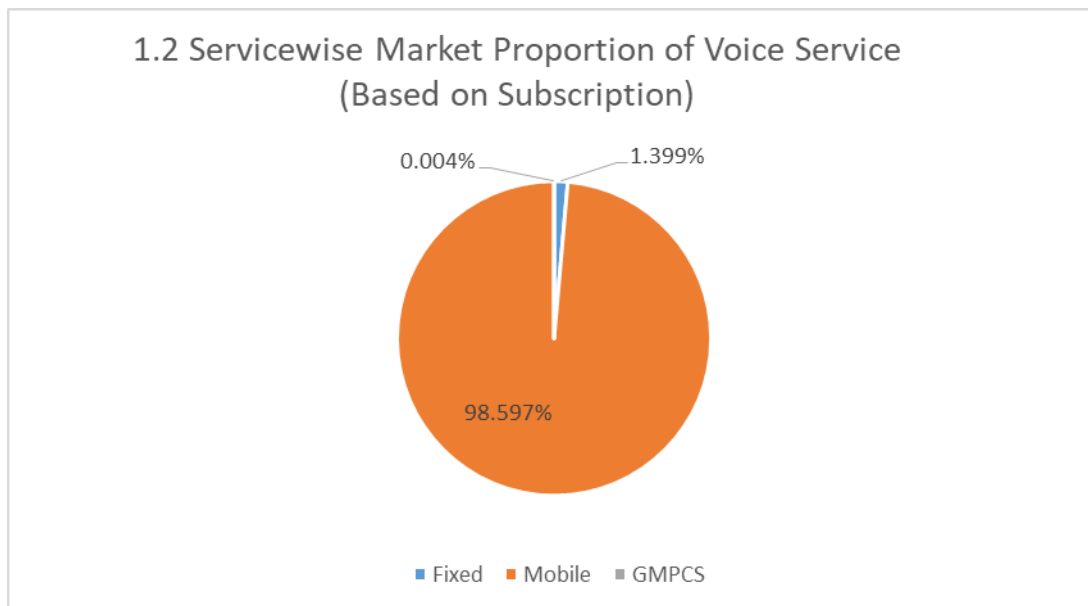
Population (Census reference 2078): 2,91,64,578 (Source: cbs.gov.np)

CDMA/ WLL service phased out by Nepal Doorsanchar Company Ltd. from Shrawan, 2080.

Based on the data as of end of August, 2026.

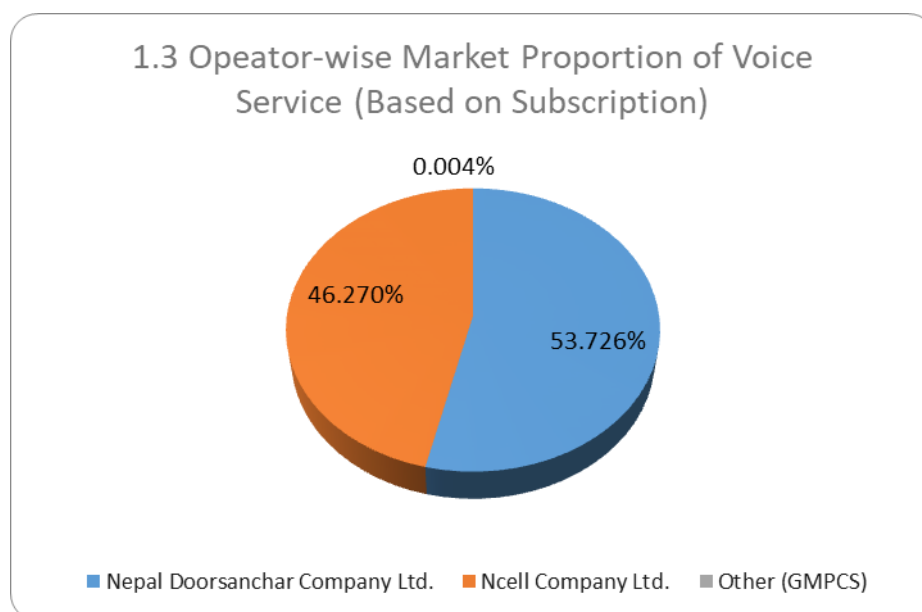
1.2 Service wise Market Proportion of Voice Service (Based on Subscription)

Voice Telephony Service	Number of Subscriber	Market Proportion (%)
Fixed	424,647	1.399
Mobile	29,931,410	98.597
GMPCS	1,221	0.004
Total	30,357,278	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.	16,309,675	53.726
Ncell Company Ltd.	14,046,382	46.270
Other (GMPCS)	1,221	0.004
Total	30,357,278	100.000

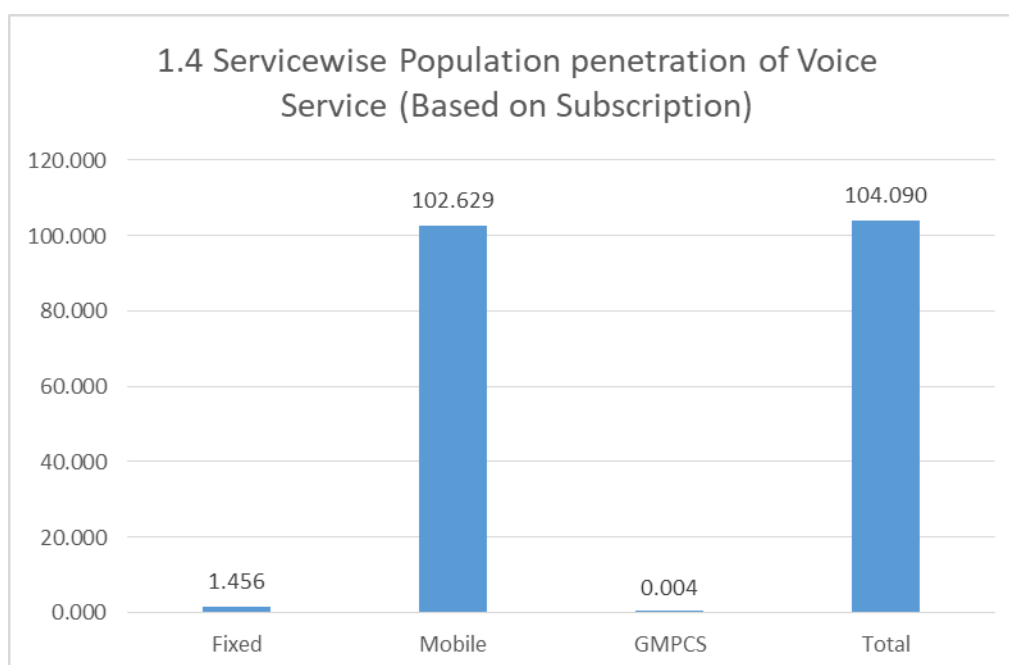


1.4 Population Penetration (%) of Voice Service (Based on Subscription)

Voice Telephony Service	Number of Subscriber	Population Penetration (%)
Fixed	424,647	1.456
Mobile	29,931,410	102.629
GMPCS	1,221	0.004
Total	30,357,278	104.090

Projection (2011-2031)) source: cbs.gov.np

Population 29,164,578.00



2. 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	208	-	1	209
	FTTH	375,140	-	3,188,526	3,563,666
Fixed Broadband (Wireless)	Radio (WIFI)	26,784	-	3,033	29,817
Mobile Broadband	3G	646,006	95,403	-	741,409
	4G	14,700,863	12,246,778	-	26,947,641
	EVDO				-
Total		15,749,001	12,342,181	3,191,560	31,282,742

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

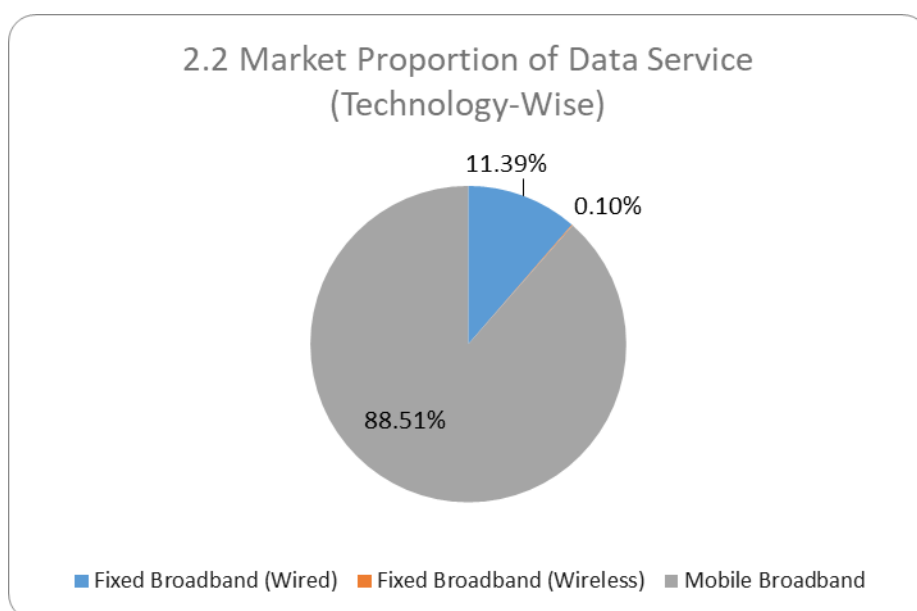
1 Connection equal to 4.37 subscribers for fixed broadband (Source: cbs.gov.np)

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

Based on the data as of end of August, 2026.

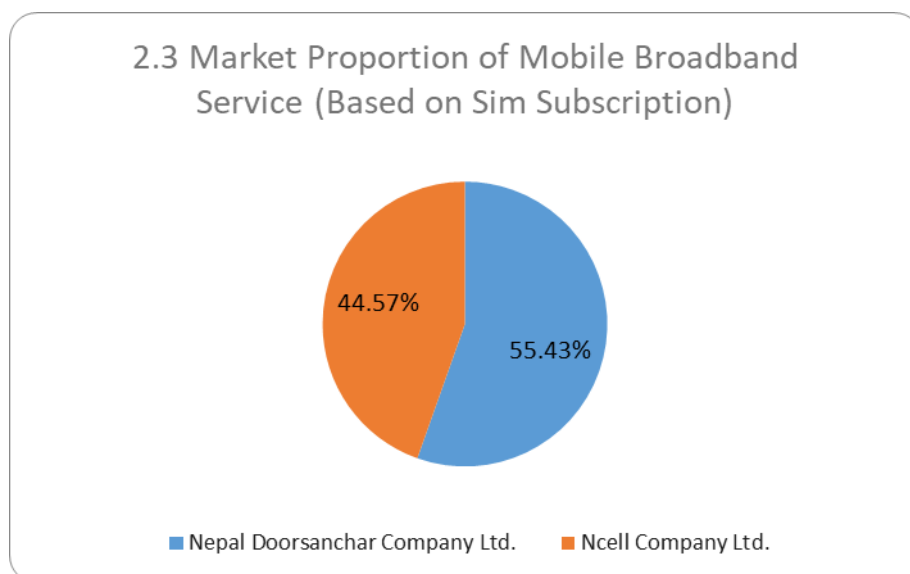
2.2 Market Proportion of Data Service (Technology-wise)

Broadband Services	Number of Subscription	Market Proportion (%)
Fixed Broadband (Wired)	3,563,875	11.39
Fixed Broadband (Wireless)	29,817	0.10
Mobile Broadband	27,689,050	88.51
Total Broadband Service	31,282,742	100.00



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

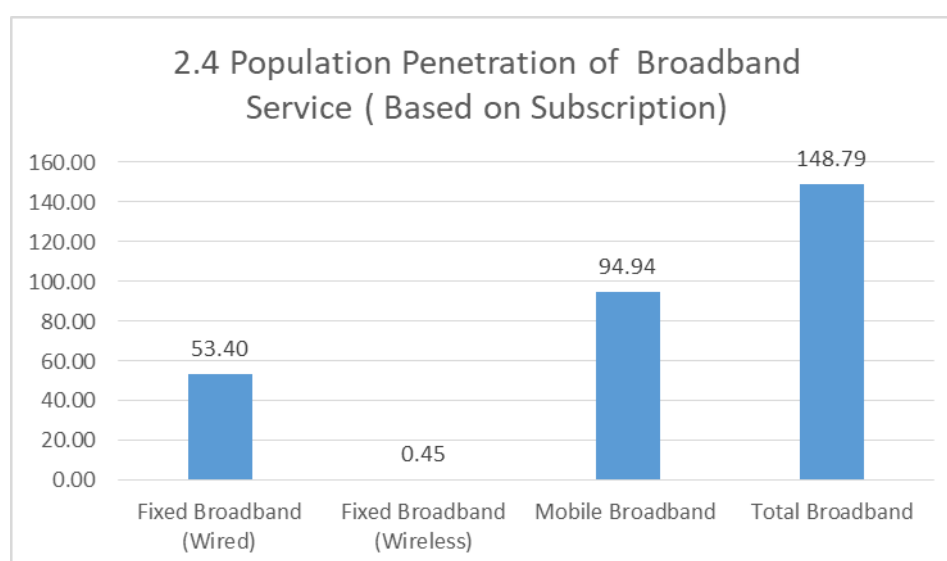
Operator	Number of Subscription	Market Proportion (%)
Nepal Doorsanchar Company Ltd.	15,346,869	55.43
Ncell Company Ltd.	12,342,181	44.57
Total	27,689,050	100.00



2.4 Population Penetration of Broadband Service (Based on Subscription)

Broadband Services	Number of		Population Penetration (%)
	Subscriptions	Subscribers	
Fixed Broadband (Wired)	3,563,875	15,574,134	53.40
Fixed Broadband (Wireless)	29,817	130,300	0.45
Mobile Broadband	27,689,050	27,689,050	94.94
Total	31,282,742	43,393,484	148.79

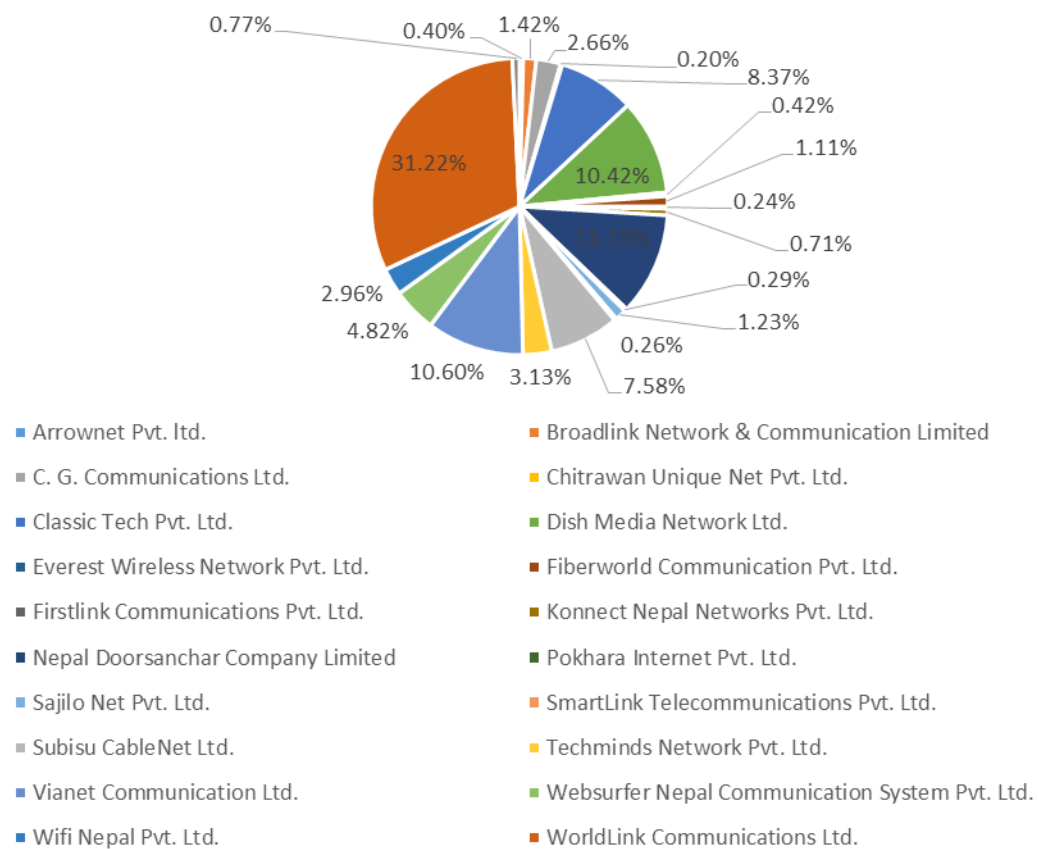
(Family size of Nepal according to Population census 2078 is 4.37 and Population of Nepal is 29,164,578)



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

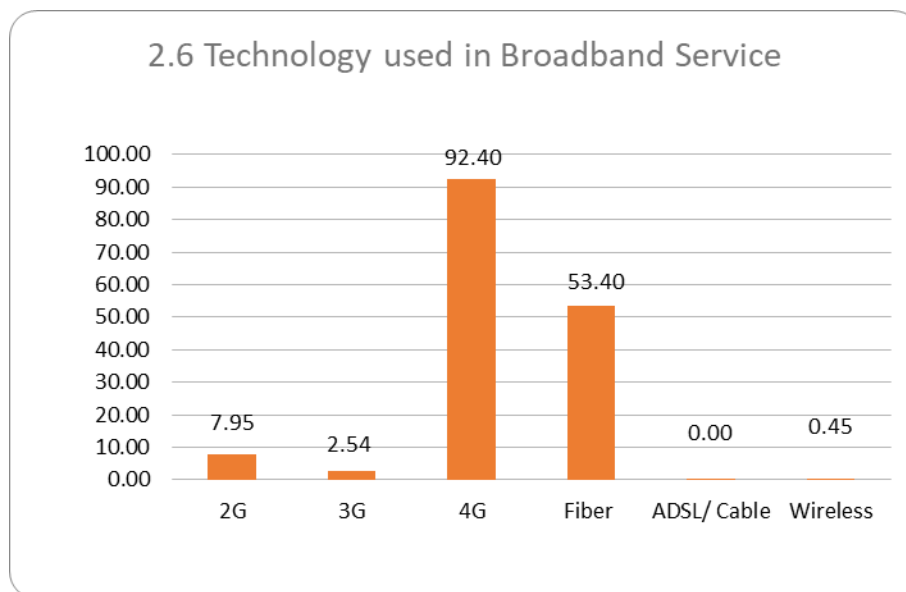
S.no.	Operator	Fiber	ADSL/Cable	Wireless	Total	Market Share (in %)	Rank
1	Arrownet Pvt. ltd.	14,482	-	14	14,496	0.40%	16
2	Broadlink Network & Communication Limited	51,123	-	68	51,191	1.42%	11
3	C. G. Communications Ltd.	95,423	-	-	95,423	2.66%	10
4	Chitrawan Unique Net Pvt. Ltd.	7,199	-	-	7,199	0.20%	20
5	Classic Tech Pvt. Ltd.	300,003	-	650	300,653	8.37%	5
6	Dish Media Network Ltd.	374,628	-	-	374,628	10.42%	4
7	Everest Wireless Network Pvt. Ltd.	13,850	-	1,420	15,270	0.42%	15
8	Fiberworld Communication Pvt. Ltd.	39,778	-	3	39,781	1.11%	13
9	Firstlink Communications Pvt. Ltd.	8,784	-	-	8,784	0.24%	19
10	Konnect Nepal Networks Pvt. Ltd.	25,678	-	-	25,678	0.71%	14
11	Nepal Doorsanchar Company Limited	375,140	208	26,784	402,132	11.19%	2
12	Pokhara Internet Pvt. Ltd.	10,250	-	-	10,250	0.29%	17
13	Sajilo Net Pvt. Ltd.	44,146	-	-	44,146	1.23%	12
14	SmartLink Telecommunications Pvt. Ltd.	9,254	-	-	9,254	0.26%	18
15	Subisu CableNet Ltd.	272,270	-	-	272,270	7.58%	6
16	Techminds Network Pvt. Ltd.	112,128	-	247	112,375	3.13%	8
17	Vianet Communication Ltd.	380,937	-	-	380,937	10.60%	3
18	Websurfer Nepal Communication System Pvt. Ltd.	172,817	-	387	173,204	4.82%	7
19	Wifi Nepal Pvt. Ltd.	106,270	-	-	106,270	2.96%	9
20	WorldLink Communications Ltd.	1,121,849	1	244	1,122,094	31.22%	1
21	Other	27,657	-	-	27,657	0.77%	
Total		3,563,666	209	29,817	3,593,692	100%	

2.5 List of Top Twenty Isps(Based on Number of subscriber-Fixed Broadband)



2.6 Technology used in Broadband Service

Technology	Number of user	Population Penetration Proportion (%)
2G	2,317,164	7.945
3G	741,409	2.542
4G	26,947,641	92.399
Fiber	15,573,220	53.398
ADSL/ Cable	913	0.003
Wireless	130,300	0.447
Total	45,710,648	156.733
Family Size		4.37
Population of Nepal(2078)		29,164,578



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