

Nicaragua Profile (2018)

Various statistics (Latest data available: 2018)

Fixed-telephone subscriptions per 100 inhabitants	5.03938
Mobile-cellular subscriptions per 100 inhabitants	115.096
Fixed (wired)-broadband subscriptions per 100 inhabitants	2.976
Mobile-broadband subscriptions per 100 inhabitants	18.6698
Households with a computer (%)	13.5456
Households with Internet access at home (%)	18.6464
Individuals using the Internet (%)	27.863

Regulatory Authority (Latest data available: 2015)

Please provide the name of the Head of the Regulatory Authority	Lic. Orlando Castillo Castillo
Please provide the exact title of the Head of the Regulatory Authority.	Director General
Name of the telecom/ICT regulator	Instituto Nicaragüense de Telecomunicaciones y Correos (TELCOR)

Policy Maker (Latest data available: 2015)

Please provide the name and contact details of the main Policy-Maker in charge of telecommunications/ICTs	Instituto Nicaragüense de Telecomunicaciones y Correos (TELCOR)
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Level of Competition (Latest data available: 2015)

Cable modem	C*
Cable Television	C*
Data2014	C*
Domestic fixed long distance	C*
Fixed Satellite Services (FSS)	C*
Fixed Wireless Broadband	C*
GMPCS (FSS/MSS)2009	C
IMT (3G, 4G, etc.)	C*
International Gateways	M
International Fixed Long Distance	C*
Internet Services	C*
Leased Lines	C*
Wireless Local Loop	C
Local Fixed Line Services	C*
Mobile	C*
Mobile Satellite Services (MSS)	C*
Paging2005	C
VSAT	C*
DSL	C*

M: Monopoly
P: Partial competition (year when competition was introduced)
C: Full competition (year when competition was introduced)
N: N/A

Institutional Details (Latest data available: 2015)

Regulator autonomous in decision making	Yes
Who is responsible for approving the budget of the Regulator? [2009]	El Presidente Ejecutivo del Regulador
Legal document creating the regulator	Decreto No. 1053, Ley Orgánica de TELCOR
Sources of regulator's budget and % financed from each source	<ul style="list-style-type: none"> • Award/auction of other licence, percentage: 2.61, • Licence fees, percentage: 65.62, • Spectrum fees, percentage: 28.35, • Financial income, percentage: 2.26, • Other • Other, Source: Derecho de Estudio, Servicios Varios., percentage: 1.16,
Regulator also regulates other utilities	• Yes If Yes, specify utilities regulated: Servicios Postales.,
Reporting requirements of the regulator	• Report to President/Head of State
Year separate regulator created	1982

Structure Regulator (Latest data available: 2015)

Please provide the name of the Head of the Regulatory Authority	Lic. Orlando Castillo Castillo
Please provide the exact title of the Head of the Regulatory Authority.	Director General
Regulator is a collegial body	No
If Yes, please provide the total number of members/commissioners (including the Head).	
Is the Head of the Commission also responsible for day-to-day administrative matters?	
What is the normal period of appointment for the members and the Head of the Regulatory Authority? [2009]	Cinco años (período presidencial)
Please provide the total number of staff in the Regulatory Authority. [2005]	143

Regulatory Functions (Latest data available: 2015)

Entity in charge of licensing	R
Entity in charge of interconnection rates	R Op
Entity in charge of price regulation	R
Entity in charge of technical standards setting	R
Entity in charge of radio frequency allocation and assignment	R
Spectrum Monitoring and Enforcement	R Op
Entity in charge of numbering	R
Entity in charge of type approval	R
Entity in charge of service quality monitoring	R Op
Entity in charge of universal service/access	R
Quality of service standards setting	R
Entity in charge of enforcement of quality of service obligations	R
Broadcasting (sound transmission)	R Op
Entity in charge of broadcasting content	Op N

Entity in charge of Information Technology

O R

M: CONY CIT (adscrito a la Vicepresidencia de la República) y TELCOR por medio de FITEL

Entity in charge of Internet content

Op N

S: Sector Ministry

O: Other Ministry or Government body

R: Regulatory Authority

Op: Operator

N: Not regulated

M: If more than one entity or another body is involved in this function, please explain

Universal Service - services covered and operator obligations (Latest data available: 2015)

Definition of universal service/access exists Yes

Universal access/service policy adopted Yes

Voice services included in Universal service/access definition

- Fixed line public payphone service as part of universal service definition
- Public mobile payphone service as part of universal service definition

Internet services included in Universal service/access definition

- Broadband as part of universal service definition

Other services included in Universal service/access definition

- Telecentres as part of universal service definition
- Schools ;,
- Health centres ;,
- Emergency services as part of universal service definition

Operators under universal access/service obligation

- Fixed-line operators

Operators/service providers required to offer below-cost prices Yes

Financing of Universal Service activities and/or Universal Service Funds (Latest data available: 2015)

Means of financing operator(s) universal access/service obligations

- Universal service funds

Other financing mechanisms for the provision of Universal service No

If Yes, please explain [2009] Préstamo a través del Banco Mundial

Operational Universal Service Fund Yes

If Yes, when? [2004] Se tiene previsto para el mes de Junio de 2004

Operators/ service providers required to contribute to USF

- All operators

Means of calculating USF contribution amounts

- Percentage of total gross revenues (turnover) Percentage: ,
- Other Indicate: De todos los recaudos del Regulador por los diferentes rubros, se asigna un porcentaje del presupuesto a la financiación del FONDO. ,

USF financed by other sources Yes

USF budget financing by source (in percentage)

- Proceeds from telecommunication licence/concession payments percentage: ,
- Funding from international agencies percentage: Se establece mediante convenio, ,

Regulator administrating USF Yes

If No, name the entity responsible

Interconnection issues (Latest data available: 2016)

Interconnection charging principle adopted

- Asymmetric

If asymmetric charging, how it was decided?

Para el caso de la interconexión fijo-móvil es Asimétrico
Para el caso de la interconexión móvil- móvil es Simétrico

Approach used to regulate interconnection prices (Latest data available: 2010)

Approach used to regulate fixed termination rates B

Approach used to regulate mobile termination rates B

LRIC: LRIC cost model

FDC: FDC cost model

B: Benchmarking

O: Other

N: None

NGN (Latest data available: 2016)

Stage of introduction of NGN system by operators • Other, please specify:,

Cost model used (or planned) to calculate costs/tariffs of NGN Services • None

NGN - Regulation of IP networks (Latest data available: 2016)

Regulations that govern the use of IP networks for Data Services No

Regulations that govern the use of IP networks for Voice Services No

USO: Regulatory arrangements subject to universal service obligations

I: Regulatory interconnection arrangements with networks using switching circuits

B: Banning of services based on IP

No: No regulatory arrangements defined at present

O: Other