

Panama Profile (2018)

Various statistics (Latest data available: 2018)

Fixed-telephone subscriptions per 100 inhabitants	16.1138
Mobile-cellular subscriptions per 100 inhabitants	130.068
Fixed (wired)-broadband subscriptions per 100 inhabitants	10.838
Mobile-broadband subscriptions per 100 inhabitants	70.3474
Households with a computer (%)	46.6614
Households with Internet access at home (%)	60.7149
Individuals using the Internet (%)	57.8651

Regulatory Authority (Latest data available: 2017)

Please provide the name of the Head of the Regulatory Authority	Roberto Meana Melendez
Please provide the exact title of the Head of the Regulatory Authority.	Administrador Genral
Name of the telecom/ICT regulator	Edwin Castillo

Policy Maker (Latest data available: 2017)

Please provide the name and contact details of the main Policy-Maker in charge of telecommunications/ICTs	Autoridad Nacional de los Servicios Públicos
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Level of Competition (Latest data available: 2017)

Cable modem	C
Cable Television	C
Data2012	C
Domestic fixed long distance	C
Fixed Satellite Services (FSS)	C
Fixed Wireless Broadband	C
GMPCS (FSS/MSS)	
IMT (3G, 4G, etc.)	P
International Gateways	N
International Fixed Long Distance	C
Internet Services	C
Leased Lines	N
Wireless Local Loop	M
Local Fixed Line Services	C
Mobile	P
Mobile Satellite Services (MSS)	P
Paging2004	P
VSAT	P
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: 2017)

Regulator autonomous in decision making	Yes
Who is responsible for approving the budget of the Regulator? [2008]	Asamblea de Diputados
Legal document creating the regulator	Ley 26 de 29 de enero de 1996
Sources of regulator's budget and % financed from each source	• Regulated telecom operators • Regulated telecom operators percentage: Hasta EL 1%, percentage of operator revenue (turnover);
Regulator also regulates other utilities	• Yes If Yes, specify utilities regulated: Electricidad, agua potable, alcantarillado sanitario, radio y televisión, transmisión y distribución de gas natural.,
Reporting requirements of the regulator	• Report to Government • Report to other Ministry
Year separate regulator created	1996

Structure Regulator (Latest data available: 2017)

Please provide the name of the Head of the Regulatory Authority	Roberto Meana Melendez
Please provide the exact title of the Head of the Regulatory Authority.	Administrador Genral
Regulator is a collegial body	No
If Yes, please provide the total number of members/commissioners (including the Head). [2004]	3
Is the Head of the Commission also responsible for day-to-day administrative matters? [2004]	Yes
What is the normal period of appointment for the members and the Head of the Regulatory Authority? [2008]	Siete (7) años
Please provide the total number of staff in the Regulatory Authority.	461

Regulatory Functions (Latest data available: 2017)

Entity in charge of licensing	R
Entity in charge of interconnection rates	Op
Entity in charge of price regulation	Op
Entity in charge of technical standards setting	R
Entity in charge of radio frequency allocation and assignment	R
Spectrum Monitoring and Enforcement	R
Entity in charge of numbering	R
Entity in charge of type approval	R
Entity in charge of service quality monitoring ²⁰¹⁴	R
Entity in charge of universal service/access	O R
Quality of service standards setting ²⁰¹⁴	R
Entity in charge of enforcement of quality of service obligations	R
Broadcasting (sound transmission)	R
Entity in charge of broadcasting content	Op
Entity in charge of Information Technology	O
Entity in charge of Internet content ²⁰¹⁴	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: 2017)

Definition of universal service/access exists	Yes
Universal access/service policy adopted	Yes
Voice services included in Universal service/access definition	<ul style="list-style-type: none"> • Fixed line private residential service as part of universal service definition • Fixed line public payphone service as part of universal service definition • Individual mobile cellular service as part of universal service definition
Internet services included in Universal service/access definition	<ul style="list-style-type: none"> • Dial-up Internet access as part of universal service definition • Broadband as part of universal service definition
Other services included in Universal service/access definition	• Telecentres as part of universal service definition Explain: La Ley de Servicio Universal está Pendiente en la Asamblea legislativa,
Operators under universal access/service obligation	<ul style="list-style-type: none"> • Fixed-line operators with SMP • Mobile operators with SMP • ISPs
Operators/service providers required to offer below-cost prices	No

Financing of Universal Service activities and/or Universal Service Funds (Latest data available: 2017)

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	
Operational Universal Service Fund	Yes
If Yes, when?	
Operators/ service providers required to contribute to USF	<ul style="list-style-type: none"> • All network/facilities-based operators • All service-based providers • Incumbent fixed-line operator(s) • Fixed-line operators • Fixed-line operators with significant market power/dominance • Mobile operators • Mobile operators with significant market power/dominance • Satellite operators • ISPs
Means of calculating USF contribution amounts	• Other Indicate: Hasta el 1% de los ingresos tasables y los montos cobrados a los corresponsales internacionales a razón de 1 centésimo (0.01) por cada minuto de terminación de llamadas internacionales entrantes terminadas en redes locales bajo cualquiera de sus modalidades,
USF financed by other sources	No
USF budget financing by source (in percentage)	
Regulator administrating USF	No
If No, name the entity responsible [2012]	Autoridad de Innovación Gubernamental

Interconnection issues (Latest data available: 2018)

Interconnection charging principle adopted	• Symmetric
If asymmetric charging, how it was decided?	

Approach used to regulate interconnection prices (Latest data available: 2013)

Approach used to regulate fixed termination rates LRIC

Approach used to regulate mobile termination rates LRIC

LRIC: LRIC cost model
FDC: FDC cost model
B: Benchmarking
O: Other
N: None

NGN (Latest data available: 2018)

Stage of introduction of NGN system by operators • Implementation

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

NGN - Regulation of IP networks (Latest data available: 2017)

Regulations that govern the use of IP networks for Data Services O* O: N/A

Regulations that govern the use of IP networks for Voice Services O* O: N/A

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