

Sudan Profile (2018)

Various statistics (Latest data available: 2018)

Fixed-telephone subscriptions per 100 inhabitants	0.327555
Mobile-cellular subscriptions per 100 inhabitants	72.0079
Fixed (wired)-broadband subscriptions per 100 inhabitants	0.0746815
Mobile-broadband subscriptions per 100 inhabitants	32.4329
Households with a computer (%)	19.3202
Households with Internet access at home (%)	33.6153
Individuals using the Internet (%)	30.8703

Regulatory Authority (Latest data available: 2018)

Please provide the name of the Head of the Regulatory Authority	Dr. Yahia Abdalla
Please provide the exact title of the Head of the Regulatory Authority.	Director General
Name of the telecom/ICT regulator	Telecommunication and Post Regulatory Authority

Policy Maker (Latest data available: 2018)

Please provide the name and contact details of the main Policy-Maker in charge of telecommunications/ICTs	Ministry of Communications and Information Technology
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Level of Competition (Latest data available: 2018)

Cable modem	N
Cable Television	N
Data2012	C
Domestic fixed long distance	P
Fixed Satellite Services (FSS)	P
Fixed Wireless Broadband	P
GMPCS (FSS/MSS)2010	C
IMT (3G, 4G, etc.)	P
International Gateways	P
International Fixed Long Distance	P
Internet Services	C
Leased Lines	P
Wireless Local Loop	P
Local Fixed Line Services	P
Mobile	P
Mobile Satellite Services (MSS)	P
Paging2005	P
VSAT	P
DSL	P

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: 2018)

Regulator autonomous in decision making	Yes
Who is responsible for approving the budget of the Regulator? [2010]	Ministry of finance and national economy
Legal document creating the regulator	National telecom council bill 1994 (in 2001 NTC was established according to telecomm act)
Sources of regulator's budget and % financed from each source	<ul style="list-style-type: none"> • Licence fees, percentage: 12, • Numbering fees, percentage: 29, • Spectrum fees, percentage: 30, • Financial income, percentage: 6, • Other • Other, Source: post, percentage: 2,
Regulator also regulates other utilities	• Yes If Yes, specify utilities regulated: posts,
Reporting requirements of the regulator	• Annual report to Sector Ministry
Year separate regulator created	1996

Structure Regulator (Latest data available: 2018)

Please provide the name of the Head of the Regulatory Authority	Dr. Yahia Abdalla
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). [2012]	10
Is the Head of the Commission also responsible for day-to-day administrative matters? [2015]	No
What is the normal period of appointment for the members and the Head of the Regulatory Authority? [2011]	maximum 2 mandates (4 years each)
Please provide the total number of staff in the Regulatory Authority.	168

Regulatory Functions (Latest data available: 2018)

Entity in charge of licensing	R
Entity in charge of interconnection rates	R
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
Entity in charge of numbering	R
Entity in charge of type approval	R
Entity in charge of service quality monitoring	R
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)	O M* M: Ministry of Information
Entity in charge of broadcasting content	O M* M: Ministry of Information
Entity in charge of Information Technology	O R M* M: TPRA & NIC
Entity in charge of Internet content	O R M* M: TPRA & NIC

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: 2018)

Definition of universal service/access exists	Yes
Universal access/service policy adopted	Yes
Voice services included in Universal service/access definition	• Individual mobile cellular 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	• All operators
Operators/service providers required to offer below-cost prices	No

Financing of Universal Service activities and/or Universal Service Funds (Latest data available: 2018)

Means of financing operator(s) universal access/service obligations	• Universal service funds • Other Explain: as part of their licence' obligations,
Other financing mechanisms for the provision of Universal service	No
If Yes, please explain [2005]	Bit tax on Internet services
Operational Universal Service Fund	Yes
If Yes, when? [2007]	2004
Operators/ service providers required to contribute to USF	• All operators
Means of calculating USF contribution amounts	• Percentage of total gross revenues (turnover) Percentage:;
USF financed by other sources	No
USF budget financing by source (in percentage)	
Regulator administrating USF	Yes
If No, name the entity responsible [2004]	IT Council

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: 2014)

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 • LRIC model

NGN - Regulation of IP networks (Latest data available: 2014)

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