

Sierra Leone Profile (2018)

Various statistics (Latest data available: 2017)

Fixed-telephone subscriptions per 100 inhabitants	0.227017
Mobile-cellular subscriptions per 100 inhabitants	88.4699
Fixed (wired)-broadband subscriptions per 100 inhabitants	
Mobile-broadband subscriptions per 100 inhabitants	25.8265
Households with a computer (%)	5.59346
Households with Internet access at home (%)	15.5681
Individuals using the Internet (%)	9

Regulatory Authority (Latest data available: 2018)

Please provide the name of the Head of the Regulatory Authority	Mr Prince Alex HARDING
Please provide the exact title of the Head of the Regulatory Authority.	CHAIRMAN/COMMISSIONER
Name of the telecom/ICT regulator	NATIONAL TELECOMMUNICATIONS COMMISSION

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 INFORMATION AND COMMUNICATIONS
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Level of Competition (Latest data available: 2018)

Cable modem	N
Cable Television	N
Data2009	P*
Domestic fixed long distance	N
Fixed Satellite Services (FSS)	N
Fixed Wireless Broadband	M
GMPCS (FSS/MSS)2009	P*
IMT (3G, 4G, etc.)	C
International Gateways	C
International Fixed Long Distance	M
Internet Services	C
Leased Lines	M
Wireless Local Loop	N
Local Fixed Line Services	M
Mobile	C
Mobile Satellite Services (MSS)	C
Paging2002	P
VSAT	C
DSL	M

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? [2009]	Chairman and Commissioners
Legal document creating the regulator	THE TELECOMMUNICATIONS ACT
Sources of regulator's budget and % financed from each source	<ul style="list-style-type: none"> • Licence fees, percentage: 87%, • Numbering fees, percentage: 3%, • Spectrum fees, percentage: 10%,
Regulator also regulates other utilities	
Reporting requirements of the regulator	<ul style="list-style-type: none"> • Report to Board of ICT regulator • Report to Legislature/Parliament • Annual report to Sector Ministry
Year separate regulator created	2006

Structure Regulator (Latest data available: 2018)

Please provide the name of the Head of the Regulatory Authority	Mr Prince Alex HARDING
Please provide the exact title of the Head of the Regulatory Authority.	CHAIRMAN/COMMISSIONER
Regulator is a collegial body	Yes
If Yes, please provide the total number of members/commissioners (including the Head). [2009]	7
Is the Head of the Commission also responsible for day-to-day administrative matters?	No
What is the normal period of appointment for the members and the Head of the Regulatory Authority? [2009]	3
Please provide the total number of staff in the Regulatory Authority.	95

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	S R Op M*	M: OPERATORS ARE MEMBERS OF THE BOARD OF THE UNIVERSAL ACCESS FUND
Quality of service standards setting	R	
Entity in charge of enforcement of quality of service obligations	R	
Broadcasting (sound transmission)	O R M*	M: INDEPENDENT MEDIA COMMISSION
Entity in charge of broadcasting content	O M*	M: INDEPENDENT MEDIA COMMISSION
Entity in charge of Information Technology	R	
Entity in charge of Internet content	S	

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	<ul style="list-style-type: none"> • Voice telephony services • 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"> • Broadband as part of universal service definition
Other services included in Universal service/access definition	<ul style="list-style-type: none"> • Telecentres as part of universal service definition • Schools ;, • Emergency services as part of universal service definition • Women and girls
Operators under universal access/service obligation	<ul style="list-style-type: none"> • Mobile operators • ISPs
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	<ul style="list-style-type: none"> • 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? [2009]	July 2009
Operators/ service providers required to contribute to USF	<ul style="list-style-type: none"> • Fixed-line operators • Mobile operators
Means of calculating USF contribution amounts	<ul style="list-style-type: none"> • Set amount (flat rate) Amount(in local currency): Each GSM operator must contribute a sum of Le 1,280,000,000(\$160,000),
USF financed by other sources	No
USF budget financing by source (in percentage)	<ul style="list-style-type: none"> • Proceeds from telecommunication licence/concession payments percentage: 2% of annual total annual gross revenue,
Regulator administrating USF	Yes
If No, name the entity responsible [2009]	Regulator and operators

Interconnection issues (Latest data available: 2016)

Interconnection charging principle adopted	<ul style="list-style-type: none"> • 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	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 • Implementation

Cost model used (or planned) to calculate costs/tariffs of NGN Services • LRIC model

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