

Singapore Profile (2018)

Various statistics (Latest data available: 2018)

Fixed-telephone subscriptions per 100 inhabitants	34.1572
Mobile-cellular subscriptions per 100 inhabitants	145.707
Fixed (wired)-broadband subscriptions per 100 inhabitants	25.8793
Mobile-broadband subscriptions per 100 inhabitants	145.707
Households with a computer (%)	88.7402
Households with Internet access at home (%)	97.7339
Individuals using the Internet (%)	88.1656

Regulatory Authority (Latest data available: 2018)

Please provide the name of the Head of the Regulatory Authority	Mr Chan Yeng Kit
Please provide the exact title of the Head of the Regulatory Authority.	Chairman
Name of the telecom/ICT regulator	Infocomm Development Authority of Singapore

Policy Maker (Latest data available: 2016)

Please provide the name and contact details of the main Policy-Maker in charge of telecommunications/ICTs	Infocomm Development Authority of Singapore
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Level of Competition (Latest data available: 2018)

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)2010	C*
IMT (3G, 4G, etc.)	C
International Gateways	C
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
Paging2006	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: 2018)

Regulator autonomous in decision making	Yes
Who is responsible for approving the budget of the Regulator? [2010]	Ministry of Finance
Legal document creating the regulator	Telecommunication Authority of Singapore Act 1992 and subsequently superseded by the Info-communications Development Authority of Singapore Act 1999
Sources of regulator's budget and % financed from each source	<ul style="list-style-type: none"> • Licence fees, percentage; • Numbering fees, percentage; • Spectrum fees, percentage; • Fines/penalties, percentage;
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	1992

Structure Regulator (Latest data available: 2018)

Please provide the name of the Head of the Regulatory Authority	Mr Chan Yeng Kit
Please provide the exact title of the Head of the Regulatory Authority.	Chairman
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? [2011]	Not exceeding 3 years
Please provide the total number of staff in the Regulatory Authority. [2016]	135

Regulatory Functions (Latest data available: 2018)

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
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
Entity in charge of broadcasting content	R
Entity in charge of Information Technology	R
Entity in charge of Internet content	R

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 private residential service as part of universal service definition
Internet services included in Universal service/access definition	
Other services included in Universal service/access definition	<ul style="list-style-type: none"> • Telecentres as part of universal service definition Explain: As part of IMDA's Next Generation Broadband Network initiative, IMDA has required the appointed operators to roll-out an ultra high-speed, all-fibre network to all homes and offices in Singapore by 1 Jan 2013.,
Operators under universal access/service obligation	<ul style="list-style-type: none"> • Designated US Provider • None of the above, please explain: Next Gen NBN NetCo and OpCo,
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"> • Cross-subsidy between own services
Other financing mechanisms for the provision of Universal service	Yes
If Yes, please explain	Government co-funded the development of Next-Generation Nation-wide Broadband Network
Operational Universal Service Fund	No
If Yes, when?	
Operators/ service providers required to contribute to USF	
Means of calculating USF contribution amounts	
USF financed by other sources	
USF budget financing by source (in percentage)	
Regulator administrating USF	
If No, name the entity responsible	

Interconnection issues (Latest data available: 2015)

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	LRIC
Approach used to regulate mobile termination rates	N

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

NGN (Latest data available: 2015)

Stage of introduction of NGN system by operators • Completed

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

NGN - Regulation of IP networks (Latest data available: 2015)

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