

Malaysia Profile (2018)

Various statistics (Latest data available: 2018)

Fixed-telephone subscriptions per 100 inhabitants	20.405
Mobile-cellular subscriptions per 100 inhabitants	134.526
Fixed (wired)-broadband subscriptions per 100 inhabitants	8.55112
Mobile-broadband subscriptions per 100 inhabitants	116.704
Households with a computer (%)	71.6561
Households with Internet access at home (%)	86.9846
Individuals using the Internet (%)	81.2017

Regulatory Authority (Latest data available: 2018)

Please provide the name of the Head of the Regulatory Authority	Dr. Halim Shafie
Please provide the exact title of the Head of the Regulatory Authority.	Chairman
Name of the telecom/ICT regulator	Malaysian Communication & Multimedia Commission

Policy Maker (Latest data available: 2013)

Please provide the name and contact details of the main Policy-Maker in charge of telecommunications/ICTs	Ministry of Communications and Multimedia Malaysia
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Level of Competition (Latest data available: 2016)

Cable modem2013	N
Cable Television2013	N
Data2012	C*
Domestic fixed long distance2013	C*
Fixed Satellite Services (FSS)2013	N
Fixed Wireless Broadband2013	C*
GMPCS (FSS/MSS)2009	C*
IMT (3G, 4G, etc.)	C
International Gateways2013	C*
International Fixed Long Distance2013	N
Internet Services	C
Leased Lines2013	C*
Wireless Local Loop2013	C*
Local Fixed Line Services2013	C*
Mobile	C
Mobile Satellite Services (MSS)2013	C*
Paging2005	C
VSAT2013	C*
DSL2013	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? [2009]	The Sector Minister
Legal document creating the regulator	Malaysian Communications and Multimedia Commission Act 1998 [Act 589]
Sources of regulator's budget and % financed from each source	<ul style="list-style-type: none"> • Licence fees, percentage: 20, • Spectrum fees, percentage: 80,
Regulator also regulates other utilities	• No
Reporting requirements of the regulator	<ul style="list-style-type: none"> • Report to Legislature/Parliament • Annual report to Sector Ministry
Year separate regulator created	1998

Structure Regulator (Latest data available: 2018)

Please provide the name of the Head of the Regulatory Authority	Dr. Halim Shafie
Please provide the exact title of the Head of the Regulatory Authority.	Chairman
Regulator is a collegial body	Yes
If Yes, please provide the total number of members/commissioners (including the Head). [2013]	6
Is the Head of the Commission also responsible for day-to-day administrative matters?	Yes
What is the normal period of appointment for the members and the Head of the Regulatory Authority? [2011]	2 years
Please provide the total number of staff in the Regulatory Authority. [2015]	712

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	O R
Entity in charge of radio frequency allocation and assignment	S R
Spectrum Monitoring and Enforcement	R
Entity in charge of numbering	R
Entity in charge of type approval	O R
Entity in charge of service quality monitoring	R
Entity in charge of universal service/access	S R
Quality of service standards setting	R
Entity in charge of enforcement of quality of service obligations	R
Broadcasting (sound transmission)	S R
Entity in charge of broadcasting content	S R
Entity in charge of Information Technology	N
Entity in charge of Internet content	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: 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"> • 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"> • 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 • Services for impaired/ elderly
Operators under universal access/service obligation	<ul style="list-style-type: none"> • 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: 2016)

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?	
Operators/ service providers required to contribute to USF	<ul style="list-style-type: none"> • All network/facilities-based operators • All service-based providers
Means of calculating USF contribution amounts	<ul style="list-style-type: none"> • Percentage of total gross revenues (turnover) Percentage: 0.6%,
USF financed by other sources	No
USF budget financing by source (in percentage)	
Regulator administrating USF	Yes
If No, name the entity responsible	

Interconnection issues (Latest data available: 2018)

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	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: 2018)

Regulations that govern the use of IP networks for Data Services USO I

Regulations that govern the use of IP networks for Voice Services USO I

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