

# Pakistan Profile (Latest data available: 2018)

## Various statistics (Latest data available: 2018)

Fixed-telephone subscriptions per 100 inhabitants	1.4
Mobile-cellular subscriptions per 100 inhabitants	76.7
Fixed (wired)-broadband subscriptions per 100 inhabitants	1.1
Mobile-broadband subscriptions per 100 inhabitants	30.8
Households with a computer (%)	16.2
Households with Internet access at home (%)	22.1
Individuals using the Internet (%)	15.5

## 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 Technology and Telecom

## Regulatory Authority (Latest data available: 2018)

Name of the telecom/ICT regulator	Pakistan Telecommunication Authority (PTA)
Please provide the name of the Head of the Regulatory Authority [2017]	Dr. Syed Ismail Shah
Please provide the exact title of the Head of the Regulatory Authority.	Chairman
Legal document creating the regulator	Pakistan Telecommunication (Re-Organization) Act no XVII, promulgated in 1996 as amended in 2006
Year separate regulator created	1996
Regulator also regulates other utilities	• No
Regulator autonomous in decision making	Yes
Who is responsible for approving the budget of the Regulator? [2009]	The Regulatory Authority
Sources of regulator's budget and % financed from each source	<ul style="list-style-type: none"> <li>• Award/auction of mobile licence, percentage: 92.02,</li> <li>• Award/auction of other licence, percentage: 0.13,</li> <li>• Licence fees, percentage: 0.00,</li> <li>• Government appropriation, percentage: 0.00,</li> <li>• Numbering fees, percentage: 0.90,</li> <li>• Spectrum fees, percentage: 1.48,</li> <li>• Regulatory fees, percentage: 4.17,</li> <li>• Fines/penalties, percentage: 0.06,</li> <li>• Financial income, percentage: 1.07,</li> <li>• Other • Other, Source: Application processing fee, rental, gain on sale etc, percentage: 0.16,</li> </ul>
Reporting requirements of the regulator	<ul style="list-style-type: none"> <li>• Annual report to the public</li> <li>• Report to Board of ICT regulator</li> <li>• Report to Legislature/Parliament</li> <li>• Report to Government</li> </ul>

## Regulatory Functions (Latest data available: 2018)

Entity in charge of licensing	R M*	M: Pakistan Telecommunication Authority
Entity in charge of interconnection rates	R M*	M: Pakistan Telecommunication Authority
Entity in charge of price regulation	R M*	M: Pakistan Telecommunication Authority
Entity in charge of technical standards setting	R M*	M: Pakistan Telecommunication Authority



<b>Entity in charge of radio frequency allocation and assignment</b>	S O M*	M: Frequency Allocation Board
<b>Spectrum Monitoring and Enforcement</b>	O R M*	M: Frequency Allocation Board, Pakistan Telecommunication Authority
<b>Entity in charge of numbering</b>	R M*	M: Pakistan Telecommunication Authority
<b>Entity in charge of type approval</b>	R M*	M: Pakistan Telecommunication Authority
<b>Entity in charge of service quality monitoring2015</b>	R	
<b>Entity in charge of universal service/access</b>	O M*	M: Universal Service Fund (Ministry of Information Technology)
<b>Quality of service standards setting2015</b>	R	
<b>Entity in charge of enforcement of quality of service obligations</b>	R M*	M: Pakistan Telecommunication Authority
<b>Broadcasting (sound transmission)</b>	R M*	M: Pakistan Electronic Media Regulatory Authority
<b>Entity in charge of broadcasting content</b>	R M*	M: Pakistan Electronic Media Regulatory Authority
<b>Entity in charge of Information Technology</b>	S M*	M: Ministry of Information Technology
<b>Entity in charge of Internet content2015</b>	R M*	

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

#### Level of Competition (Latest data available: 2018)

<b>Local Fixed Line Services</b>	C*
<b>Domestic fixed long distance</b>	C*
<b>International Fixed Long Distance</b>	C*
<b>Mobile</b>	C*
<b>IMT (3G, 4G, etc.)</b>	C*
<b>Wireless Local Loop</b>	C*
<b>DSL</b>	C*
<b>Cable modem</b>	C*
<b>Fixed Wireless Broadband</b>	C*
<b>Leased Lines</b>	C*
<b>International Gateways</b>	C*
<b>Internet Services</b>	C*
<b>Cable Television</b>	C*
<b>Fixed Satellite Services (FSS)</b>	C*
<b>Mobile Satellite Services (MSS)</b>	C*
<b>VSAT</b>	C*

M: Monopoly

P: Partial competition (year when competition was introduced)

C: Full competition (year when competition was introduced)

N: N/A

#### Universal Service - services covered and operator obligations (Latest data available: 2018)

<b>Definition of universal service/access exists</b>	Yes
<b>Universal access/service policy adopted</b>	Yes

<b>Voice services included in Universal service/access definition</b>	<ul style="list-style-type: none"> <li>• Voice telephony services</li> <li>• Fixed line private residential service as part of universal service definition</li> <li>• Fixed line public payphone service as part of universal service definition</li> <li>• Individual mobile cellular service as part of universal service definition</li> <li>• Public mobile payphone service as part of universal service definition</li> </ul>
<b>Internet services included in Universal service/access definition</b>	<ul style="list-style-type: none"> <li>• Dial-up Internet access as part of universal service definition</li> <li>• Broadband as part of universal service definition</li> </ul>
<b>Other services included in Universal service/access definition</b>	<ul style="list-style-type: none"> <li>• Telecentres as part of universal service definition</li> <li>• Schools ;,</li> <li>• Emergency services as part of universal service definition</li> <li>• Women and girls</li> </ul>
<b>Operators under universal access/service obligation</b>	<ul style="list-style-type: none"> <li>• Obligations allocated on competitive basis</li> </ul>
<b>Operators/service providers required to offer below-cost prices</b>	No

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

<b>Means of financing operator(s) universal access/service obligations</b>	<ul style="list-style-type: none"> <li>• Universal service funds</li> </ul>
<b>Operational Universal Service Fund</b>	Yes
<b>If Yes, when? [2004]</b>	2004
<b>Operators/ service providers required to contribute to USF</b>	<ul style="list-style-type: none"> <li>• All network/facilities-based operators</li> <li>• Incumbent fixed-line operator(s)</li> <li>• Fixed-line operators</li> <li>• Fixed-line operators with significant market power/dominance</li> <li>• Mobile operators</li> <li>• Mobile operators with significant market power/dominance</li> </ul>
<b>Means of calculating USF contribution amounts</b>	<ul style="list-style-type: none"> <li>• Other Indicate: 1.5% of Adjusted Annual Gross Revenue i.e. Annual Gross Revenue minus inter operator payments and PTA/FAB mandated payments as per license conditions,</li> </ul>
<b>USF financed by other sources</b>	Yes
<b>USF budget financing by source (in percentage)</b>	<ul style="list-style-type: none"> <li>• Other • Other percentage: From Access Promotion Contribution, please specify: As per Access Promotion Regulations 2005,</li> </ul>
<b>Regulator administrating USF</b>	No
<b>If No, name the entity responsible [2012]</b>	Universal Service Fund Company Ltd under Ministry of IT & T
<b>Other financing mechanisms for the provision of Universal service</b>	No
<b>If Yes, please explain [2013]</b>	Subsidized broadband rates