

# Commonwealth Telecommunications Organisation

## Country Page - Bangladesh

### ICT Sector Information

<b>Sector</b>	Information and Communication Technology Posts and Telecommunications
<b>Ministers</b>	Mr. Syed Abul Hossain, Minister of ICT Advocate Shahara Khatun Minister of Posts and Telecoms
<b>Principal Institution</b>	<a href="#">Ministry of Information and Communication Technology</a> <a href="#">Ministry of Posts and Telecommunications</a>
<b>Regulator</b>	<a href="#">Bangladesh Telecommunications Regulatory Commission</a>
<b>Related Websites</b>	<a href="#">Access to Information (A2I) Programme</a> <a href="#">Hi-Tech Park Bangladesh</a>
<b>Other Agencies in the Portfolio</b>	<a href="#">Bangladesh Computer Council (BCC)</a> <a href="#">Office of the Controller of Certifying Authorities (CCA)</a> Government Postal Services

### Mobile Operators

Operator	Technology
Grameenphone	GSM, GPRS, EDGE
Banglalink	GSM, GPRS, EDGE
Robi	GSM, GPRS, EDGE
Airtel	GSM, GPRS, EDGE
Citycell	CDMA2000 1 x RTT, EV-DO Rev.A
Teletalk	GSM, GPRS, EDGE
Banglalion	WiMAX 802.16e
Qubee	WiMAX 802.16e
Ollo	Fixed WiMAX 802.16d

## CTO Niche Areas

### Broadband

<b>National Policy Documents</b>	<a href="#">National Broadband Policy 2009</a> <a href="#">National ICT Policy</a>
<b>Agency</b>	Ministry of Post and Telecommunications
<b>Other-Publications</b>	Stimulating Universal Access to Broadband in Afghanistan, Bangladesh, Bhutan, Maldives and Nepal – ITU, 2010

### Broadband Indicators<sup>1</sup>

Indicators	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Mobile broadband subscriptions per 100 inhabitants</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
<b>Fixed Broadband Subscriptions per 100 inhabitants</b>		0.00	0.00	0.00	0.00	0.00		0.03	0.03	0.21	0.28	0.31	0.34

### Cybersecurity & Cybercrime

<b>Policy</b>	Pornography Regulation Act, 2012 Information & Communication Technology Act, 2006 Bangladesh Telecommunication Regulation Act, 2001
<b>Agency</b>	<a href="#">Bangladesh Computer Council</a> <a href="#">Bangladesh Computer Security Incident Response Team (BD-CSIRT)</a>

<sup>1</sup> ITU statistics

<b>Projects</b>	Bangladesh Computer Emergency Response Team
<b>Related Publications</b>	<a href="#">Cyber Security - Bangladesh Perspectives</a>
<b>Other Resources</b>	<a href="#">Information Security Guidelines – Bangladesh Computer Council (2011)</a> <a href="#">Cybersecurity Forum</a>

### **E-Education Skill Development and Entrepreneurship**

<b>Policy Documents</b>	National ICT Policy National Education Policy
<b>Agency</b>	Ministry of Education Ministry of Science and ICT
<b>Indicators - Internet access in schools, Out of a 1–7 (best) scale</b>	2.6
<b>Projects</b>	Distance learning at the Bangladesh Open University (BOU) established.
<b>Publications</b>	<a href="#">Current Status and Prospects for E-learning in the Promotion of Distance Education in Bangladesh (published 2006)</a>  T.M Barkatullah, 2008. "ICT Human Capacity Building." Bangladesh Computer Council.

### **ICT For Disabilities**

<b>Policy Documents</b>	National ICT Policy 2002 Disability Welfare Act 2001
<b>Agency</b>	<a href="#">Ministry of Social Welfare</a>
<b>Projects</b>	<a href="#">books and education materials in Digital Accessible Information System</a>

	<a href="#">(DAISY) format for visually impaired students</a>
<b>Publications</b>	ICT for persons with disabilities: bridging the digital divide in Bangladesh

### **Regulatory Environments including convergence and digital broadcasting switchover**

<b>Policy Documents</b>	The National Telecommunications Policy of 1998 (NTP-98) Telecommunications Act 2001 The Communications Convergence Bill 2001 The Telecommunication (Amendment) Bill 2010
<b>Agency</b>	<a href="#">BTRC</a>
<b>Projects</b>	Strengthening the Regulatory Capacity of BTRC –World Bank Funded Project Strengthening the Institutional Capacity of BTRC - UNDP
<b>Publications</b>	Bangladesh -- Guidelines for Infrastructure Sharing – ITU ICT Strategy Toolkit

### **Youth and ICTs**

<b>Policy Documents</b>	National Youth Policy ICT Policy 2002
<b>Agency</b>	Ministry of Education Ministry of Youth and Sports Ministry of Science and Technology
<b>Projects</b>	TakingITGlobal: <a href="#">Bangladesh Youth Forum on ICT</a>

## ICT Sector Indicators

### Indicators on ICT infrastructure and access - <sup>2</sup>

Indicators	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Fixed telephone subscriptions (M)</b>	491,303	564,880	605,931	742,048	830,950	1,070,000	1,134,000	1,186,919	1,344,456	1,234,895	1,280,782	977,700	961,589
<b>Fixed telephone subscriptions per 100 inhabitants</b>	0.38	0.43	0.45	0.54	0.60	0.76	0.80	0.82	0.92	0.84	0.86	0.65	0.63
<b>Mobile cellular telephone subscriptions</b>	279,000	520,000	1,075,000	1,365,000	2,781,560	9,000,000	19,130,983	34,370,000	44,640,000	51,359,315	67,923,887	84,368,700	97,180,000
<b>Mobile cellular telephone subscriptions per 100 inhabitants</b>	0.22	0.39	0.80	1.00	2.01	6.40	13.44	23.88	30.68	34.93	45.68	56.06	63.76
<b>Estimated Internet Users per 100 inhabitants</b>	0.07	0.13	0.14	0.16	0.20	0.24	1.00	1.80	2.50	3.10	3.70	5.00	6.30

### World Economic Forum ICT Readiness Indicators<sup>3</sup>

<b>Laws relating to ICT, out of a 1–7 (best) scale</b>	3.1
<b>Mobile Network Coverage, % pop. covered</b>	99.0
<b>Broadband Internet subscriptions/100 pop</b>	0.3

<sup>2</sup> ITU statistics

<sup>3</sup> These indicators are derived from the World Economic Forum's Executive Opinion Survey.  
[http://www3.weforum.org/docs/WEF\\_GITR\\_Report\\_2013.pdf](http://www3.weforum.org/docs/WEF_GITR_Report_2013.pdf)

<b>Mobile broadband subscriptions/100 pop</b>	0.0
<b>Households with personal computers, %</b>	3.1
<b>Use of virtual social networks, out of a 1–7 (best) scale</b>	4.5
<b>Impact of ICT on new services and products, out of a 1–7 (best) scale</b>	4.0
<b>Impact of ICT on new organisational models, out of a 1–7 (best) scale</b>	3.6
<b>Importance of ICT to gov't vision, out of a 1–7 (best) scale</b>	4.1
<b>Gov't success in ICT promotion, out of a 1–7 (best) scale</b>	4.4
<b>ICT use &amp; gov't efficiency, out of a 1–7 (best) scale</b>	3.7
<b>Gov't Online Service Index, out of a 0-1 (best) scale</b>	0.44
<b>E-Participation Index, out of a 0-1 (best) scale</b>	0.08

### ICT Publications from Other International Organisations

<b>Source Organisation</b>	<b>Title of Publication</b>
<b>World Economic Forum</b>	<a href="#">The Global Information Technology Report 2013</a>