

Country Page - Bangladesh

ICT Sector Information

Sector	Information and Communication Technology
Ministers	Mr. Syed Abul Hossain
Principal Institution	Ministry of Information and Communication Technology
Regulator	Bangladesh Telecommunications Regulatory Commission
Related Websites	Access to Information (A2I) Programme Hi-Tech Park Bangladesh
Other Agencies in the Portfolio	Bangladesh Computer Council (BCC) Office of the Controller of Certifying Authorities (CCA)

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
Olo	Fixed WiMAX 802.16d

CTO Niche Areas

Broadband

National Policy Documents	National Broadband Policy 2009 National ICT Policy
Agency	Ministry of Post and Telecommunications
Other-Publications	Stimulating Universal Access to Broadband in Afghanistan, Bangladesh, Bhutan, Maldives and Nepal – ITU, 2010

Broadband Indicators¹

Indicators	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Mobile broadband subscriptions per 100 inhabitants			0	0	0	0	0	0	0	0		
Fixed Broadband Subscriptions per 100 inhabitants		0.63	1.32	2.60	5.03	9.88	18.80		23.94	23.29	23.19	23.93

Cybersecurity & Cybercrime

Policy	Pornography Regulation Act, 2012 Information & Communication Technology Act, 2006 Bangladesh Telecommunication Regulation Act, 2001
Agency	Bangladesh Computer Council Bangladesh Computer Security Incident Response Team (BD-CSIRT)
Projects	Bangladesh Computer Emergency Response Team
Related Publications	Cyber Security - Bangladesh Perspectives
Other Resources	Information Security Guidelines – Bangladesh Computer Council (2011)

¹ ITU statistics

E-Education Skill Development and Entrepreneurship

Policy Documents	National ICT Policy National Education Policy
Agency	Ministry of Education Ministry of Science and ICT
Indicators - Internet access in schools, Out of a 1–7 (best) scale	2.5
Projects	Distance learning at the Bangladesh Open University (BOU) established.
Publications	Current Status and Prospects for E-learning in the Promotion of Distance Education in Bangladesh (published 2006) T.M Barkatullah, 2008. "ICT Human Capacity Building." Bangladesh Computer Council.

ICT For Disabilities

Policy Documents	National ICT Policy 2002 Disability Welfare Act 2001
Agency	<u>Ministry of Social Welfare</u>
Projects	<u>books and education materials in Digital Accessible Information System (DAISY) format for visually impaired students</u>
Publications	ICT for persons with disabilities: bridging the digital divide in Bangladesh

Regulatory Environments including convergence and digital broadcasting switchover

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

Youth and ICTs

Policy Documents	National Youth Policy ICT Policy 2002
Agency	Ministry of Education Ministry of Youth and Sports Ministry of Science and Technology
Projects	TakingITGlobal: Bangladesh Youth Forum on ICT

ICT Sector Indicators

Indicators on ICT infrastructure and access - ²

Indicators	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Fixed telephone subscriptions (M)	491,303	564,880	605,931	742,048	830,950	1,070,000	1,134,000	1,186,919	1,344,456	1,522,900	1,550,000	1,600,000
Fixed telephone subscriptions per 100 inhabitants	0.38	0.43	0.45	0.54	0.60	0.76	0.80	0.82	0.92	1.04	1.04	1.06
Mobile cellular telephone subscriptions	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	52,430,000	68,650,000	85,000,000
Mobile cellular telephone subscriptions per 100 inhabitants	0.22	0.39	0.80	1.00	2.01	6.40	13.44	23.88	30.68	35.66	46.17	56.48
Estimated Internet Users per 100 inhabitants	0.07	0.13	0.14	0.16	0.20	0.24	1.00	1.80	2.50	3.10	3.70	5.00

World Economic Forum ICT Readiness Indicators³

Laws relating to ICT, out of a 1–7 (best) scale	3.0
Mobile Network Coverage, % pop. covered	90.0
Households with	2.2

² ITU statistics

³ Out of a 1–7 (best) scale. This indicator is derived from the World Economic Forum's Executive Opinion Survey. http://www3.weforum.org/docs/WEF_GITR_Report_2011.pdf

personal computers, %	
Use of virtual social networks, out of a 1–7 (best) scale	3.9
Impact of ICT on new services and products	4.0
Impact of ICT on new organisational models	3.5
Gov't Prioritisation of ICT, out of a 1–7 (best) scale	4.8
Importance of ICT to gov't vision, out of a 1–7 (best) scale	3.9
Gov't success in ICT promotion	3.5
ICT use & gov't efficiency	3.5
Gov't Online Service Index, out of a 0-1 (best) scale	0.36
E-Participation Index, out of a 0-1 (best) scale	0.10

ICT Publications from Other International Organisations

Source Organisation	Title of Publication
Worldbank	ICT at a glance - Worldbank

World Economic Forum	The Global Information Technology Report 2010–2011
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Other ICT related Resources	UNCTADSTAT Website
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