

## Commonwealth Telecommunications Organisation

### Country Page – Brunei

#### ICT Sector Information

<b>Sector</b>	Communications
<b>Minister</b>	<a href="#">Pehin Data Abullah Bakar</a>
<b>Principal Institutions</b>	<a href="#">Ministry of Communications</a>
<b>Regulator</b>	<a href="#">Authority for Info-Communications Authority</a>
<b>Other Departments / Agencies in the Portfolio</b>	<p style="text-align: center;"><b>Civil Aviation</b></p> <p style="text-align: center;"><b>Land Transport</b></p> <p style="text-align: center;"><b>Marine</b></p> <p style="text-align: center;"><b>Ports</b></p> <p style="text-align: center;"><b>Postal Services</b></p>

#### Mobile operators

Operator	Technology
B-Mobile	2100 MHz UMTS
DSTCom	900 MHz GSM, GPRS, EDGE 2100 MHz UMTS, HSDPA

#### CTO Niche Areas

##### Broadband

<b>Policy</b>	<a href="#">National Broadband Blueprint</a> , <a href="#">Implementation Blueprint</a>
<b>Agency</b>	<a href="#">Ministry of Communication</a> , <a href="#">Authority for Info-Communications Authority</a>
<b>Collaborators / Facilitators</b>	, <a href="#">Postal Services Department</a> , <a href="#">Department of Civil Aviation</a> , <a href="#">Land Transport Department</a> , <a href="#">Ports Department</a> , and <a href="#">Marine Department</a>
<b>Projects</b>	<a href="#">BIMP-EAGA Rink (BIMP-EAGA Submarine Cable) (p.14)</a>

### **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>						7.66	21.81	30.44	37.65	48.24			
<b>Fixed Broadband Subscriptions per 100 inhabitants</b>		0.57	0.81	1.10	1.76	2.24	2.42	3.08	4.39	5.11	5.44	5.71	4.81

### **Cybersecurity & Cybercrime**

<b>Policy</b>	<a href="#">Computer Misuse Act 2007</a>
<b>Agency</b>	<a href="#">Ministry of Communications</a> , <a href="#">Ministry of Defense</a>
<b>Collaborators / Facilitators</b>	<a href="#">Authority for Info-Communications Authority (AITI)</a> <a href="#">Brunei National Computer Emergency Response Team ( BruCERT )</a> ,
<b>Projects</b>	<a href="#">BruCERT Activities Archive</a> , <a href="#">Child Online Protection Awareness Programme</a> , <a href="#">BruCert security training</a> with <a href="#">Institute of Civil Service (IPA)</a>

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

<b>Policy</b>	e-Hijrah Strategy, <a href="#">Implementation Blueprint</a>
<b>Agency</b>	<a href="#">Ministry of Education</a>
<b>Internet access in schools, out of a 1–7 (best) scale</b>	5.3

<sup>1</sup> ITU statistics

<b>Collaborators / Facilitators</b>	<a href="#">Brunei Government National IT Council (BIT Council)</a> , <a href="#">Brunei Library Association</a> , <a href="#">National Library of Brunei</a> , <a href="#">Digital Library of Universiti Brunei Darussaiaam</a> , <a href="#">The Brunei Economic Development Board</a>
<b>Projects</b>	<a href="#">Integrated National Education Information System (INEIS) (Under the ICT section)</a> , <a href="#">SPN 21</a> , <a href="#">e-Hijrah</a> , <a href="#">ICT Rural Outreach Program (p.13)</a>
<b>Other Resources</b>	<a href="#">The National Development Plan</a> , <a href="#">Long-term Development Plan 2035</a> , <a href="#">Investment In New Technology Companies</a> , <a href="#">Brunei Education</a> , <a href="#">UNESCO: Global Open Access Portal</a> , <a href="#">UNESCO: Towards Inclusive Education for Children With Disabilities</a>

### **ICT For Disabilities**

<b>Agency</b>	<a href="#">Ministry of Culture, Youth, and Sports</a> , <a href="#">Ministry of Communication</a> , <a href="#">Society for the Management of Autism Related Issues in Training, Education and Resources (SMARTER)</a> , <a href="#">ASEAN Autism Network</a>
<b>Projects</b>	<a href="#">ASEAN Autism Youth Camp</a>
<b>Other Resources</b>	<a href="#">UN Enable: Manila Declaration on Accessible ICT</a> , <a href="#">Brunei Ministerial Statement at UN ESCAP Disabled Conference</a> , <a href="#">UNESCO: Towards Inclusive Education for Children With Disabilities</a>

### **Regulatory Environments: Convergence and Digital Broadcasting Switchover**

<b>Agency</b>	<a href="#">Authority for Info-Communications Authority</a>
<b>Other Resources</b>	<a href="#">Brunei Darussalam Household ICT Survey Report 2010</a>

### **Youth and ICTs**

<b>Policy</b>	<a href="#">e-Hijrah Strategy</a> , <a href="#">Blueprint and Implementation Plan for Info-Communication Technology (ICT)</a> , <a href="#">National Youth Policy</a>
<b>Agency</b>	<a href="#">Ministry of Education</a> , <a href="#">Ministry of Culture, Youth, and Sports</a> , <a href="#">Brunei Government National IT Council (BIT Council)</a> , <a href="#">Brunei Library Association</a> , <a href="#">National Library of Brunei</a> , and <a href="#">Digital Library of Universiti Brunei Darussaiaam</a> , <a href="#">The Brunei Economic Development Board</a>

<b>Projects</b>	<a href="#">ICT Youth Development Program</a>
<b>Other Resources</b>	<a href="#">UNESCO: Global Open Access Portal, Shell Livewire Youth Enterprise</a>

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

<b>Indicators</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
<b>Fixed telephone subscriptions</b>	80,500	88,440	81,280	81,925	83,100	83,890	80,176	79,554	80,786	80,549	79,901	79,839	70,933
<b>Fixed telephone subscriptions per 100 inhabitants</b>	24.62	26.45	23.79	23.49	23.35	23.10	21.65	21.07	21.00	20.56	20.03	19.67	17.18
<b>Mobile cellular telephone subscriptions</b>	95,000	143,004	153,647	177,365	202,454	232,900	301,400	366,138	398,857	412,882	435,104	443,161	469,740
<b>Mobile cellular telephone subscriptions per 100 inhabitants</b>	29.05	42.77	44.98	50.85	56.88	64.14	81.39	96.99	103.68	105.37	109.07	109.17	113.77
<b>Estimated Internet Users per 100 inhabitants</b>	9.00	12.92	15.33	19.60	29.72	36.47	42.19	44.68	46.00	49.00	53.00	56.00	60.27

<sup>2</sup> ITU statistics

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

<b>Laws relating to ICT, out of a 1–7 (best) scale</b>	4.1
<b>Broadband Internet subscriptions/100 pop</b>	5.7
<b>Mobile Network Coverage, % pop. covered</b>	n/a
<b>Mobile broadband subscriptions /100 pop</b>	6.3
<b>Households with personal computers, %</b>	79.6
<b>Use of virtual social networks, out of a 1–7 (best) scale</b>	6.1
<b>Impact of ICT on new services and products, out of a 1–7 (best) scale</b>	4.4
<b>Impact of ICT on new organisational models, out of a 1–7 (best) scale</b>	4.3
<b>Importance of ICT to gov't vision, out of a 1–7 (best) scale</b>	4.7
<b>Gov't success in ICT promotion, out of a 1–7 (best) scale</b>	5.0
<b>ICT use &amp; gov't efficiency, out of a 1–7 (best) scale</b>	4.6
<b>Gov't Online Service Index, out of a 0-1 (best) scale</b>	0.59
<b>E-Participation Index, out of a 0-1 (best) scale</b>	0.47

<sup>3</sup> Out of a 1–7 (best) scale. This indicator is derived from the World Economic Forum's Executive Opinion Survey. Pg. 179 [http://www3.weforum.org/docs/WEF\\_GITR\\_Report\\_2013.pdf](http://www3.weforum.org/docs/WEF_GITR_Report_2013.pdf)

### Related ICT Publications from International Organisations

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