

Commonwealth Telecommunications Organisation

Country Page – Jamaica

ICT Sector Information

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| Sector | Science, Technology, Energy and Mining |
| Minister | Hon. Mr. Phillip Paulwell, MP |
| Principal Institutions | Science, Technology, Energy and Mining |
| Regulator | Office of Utilities Regulation (OUR) |
| Partner Deprtments/Agencies | <p>CENTRAL INFORMATION TECHNOLOGY OFFICE Subject Matter: National It Strategic Plan</p> <p>POST AND TELECOMMUNICATIONS DEPARTMENT/POSTAL CORPORATION OF JAMAICA Subject Matter: Post Office</p> <p>E-LEARNING COMPANY Subject Matter: E-learning Project</p> <p>SPECTRUM MANAGEMENT AUTHORITY</p> <p>UNIVERSAL ACCESS FUND COMPANY LIMITED</p> <p>INFORMATION AND COMMUNICATION TECHNOLOGY</p> |

Mobile Operators

| Operator | Technology |
|----------|---|
| Digicel | CdmaOne CDMA2000 1x, CDMA2000 EV- DO, GSM |
| LIME | D-AMPS, GSM |
| Claro | CdmaOne CDMA2000 1x, CDMA2000 EV- DO |

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|--|--------------------|
| | GSM UMTS, HSDPA |
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CTO Niche Areas

Broadband

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| National Policy Documents | Information and Communications Technology (ICT) Policy |
| Agency | SPECTRUM MANAGEMENT AUTHORITY UNIVERSAL ACCESS FUND COMPANY LIMITED Ministry of Science Technology, Energy and Mining Office of Utilities Regulation. |
| Projects | ITU Funded Project - Developing a Broadband Plan/Strategy for Jamaica Islandwide broadband network project |

Broadband Indicators¹

| Indicators | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|---|------|------|------|------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| Mobile broadband subscriptions per 100 inhabitants | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.41 | 0.93 | 1.72 | | | |
| Fixed Broadband Subscriptions per 100 inhabitants | | 3235 | 9000 | 9000 | 27,000 | 45,000 | 68,243 | 92,768 | 97,323 | 112,201 | 116,685 | 106,515 | 119,650 |

Cybersecurity & Cybercrime

| | |
|---------------|---|
| Policy | Cybercrimes ACT 2010 Vision 2030 Jamaica – National Development Plan: ICT Sector Plan (1st Draft) |
|---------------|---|

¹ ITU statistics

| | |
|-----------------------------|---|
| Agency | Cybercrime Unit (CCU) |
| Related Publications | Legislating Cybercrimes in Jamaica: Issues of Public and Corporate Liability A quick look at cyber security in Jamaica |
| Other Resources | Cybersecurity Forum |

E-Education Skill Development and Entrepreneurship

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|---|--|
| Policy Documents | ICT Policy for Education Sector (Draft) |
| Agency | Ministry of Education e-Learning Jamaica Company Ltd |
| Indicators - Internet access in schools, Out of a 1–7 (best) scale | 4.1 |
| Projects | The e-learning Jamaica Project – provides free online resource for students and teachers (Mathematics Enhancement Programme (MEP Jamaica), an online textbook for CSEC Math Preparation is the latest one) |
| Publications | ICT in Jamaica’s Education System |

ICT For Disabilities

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|-------------------------|---|
| Policy Documents | New ICT policy Vision 2030 Jamaica - National Empowerment Plan, Persons with Disabilities Sector Plan (2009-2030) National Policy for Persons with Disabilities |
| Agency | UNIVERSAL ACCESS FUND COMPANY LIMITED National Youth Service - Ministry of Education, Youth, & Culture Jamaica Council for Persons with Disabilities |
| Projects | Government of Jamaica ICT Training Programme for Persons with Disability |

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| Publications | A FURTHER STUDY ON DISABILITY IN THE CARIBBEAN: RIGHTS, COMMITMENT, STATISTICAL ANALYSIS, AND MONITORING |
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Regulatory Environments including convergence and digital broadcasting switchover

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|-------------------------|---|
| Policy Documents | Telecommunications Act 2000 |
| Agency | OUR Broadcasting Commission Spectrum Management Authority Fair Trade Commission |
| Projects | Digital Switchover Project |
| Publications | Telecommunications in Jamaica and the Caribbean Present Scenario and Perspectives |

Youth and ICTs

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|-------------------------|--|
| Policy Documents | ICT Policy for Education Sector (Draft) |
| Agency | Ministry of Education e-Learning Jamaica Company Ltd |
| Projects | Ministry of Education: Jamaica 2000 Project - to establish a fully equipped fifteen-station computer laboratory in each secondary school, community college and teachers' college and provide in-service training for teachers. HEART Trust contributed approximately J\$60M to this initiative. Round Table Think Tank: Ed tech 20/20 Technology in Education Project – provides computer facilities in four primary schools |

ICT Sector Indicators

Indicators on ICT infrastructure and access - ²

| Indicators | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|-----------|-----------|-----------|
| Fixed telephone subscriptions | 493,523 | 511,302 | 434,772 | 458,675 | 423,000 | 319,000 | 342,692 | 369,656 | 316,591 | 302,451 | 263,055 | 272,062 | 264,465 |
| Fixed telephone subscriptions per 100 inhabitants | 19.12 | 19.63 | 16.56 | 17.33 | 15.87 | 11.90 | 12.71 | 13.65 | 11.64 | 11.08 | 9.60 | 9.89 | 9.58 |
| Mobile cellular telephone subscriptions | 366952 | 597826 | 1244976 | 1576360 | 1837552 | 1981464 | 2274650 | 2684331 | 2,723,323 | 2,956,061 | 3,181,995 | 2,974,715 | 2,665,746 |
| Mobile cellular telephone subscriptions per 100 inhabitants | 14.21 | 22.96 | 47.41 | 59.57 | 68.95 | 73.89 | 84.36 | 99.09 | 100.11 | 108.25 | 116.09 | 108.12 | 96.54 |
| Estimated Internet Users per 100 inhabitants | 3.12 | 3.86 | 6.10 | 7.80 | 10.00 | 12.80 | 16.40 | 21.10 | 23.60 | 24.30 | 27.67 | 37.49 | 46.50 |

World Economic Forum ICT Readiness Indicators³

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|--|------|
| Laws relating to ICT, out of a 1–7 (best) scale | 3.7 |
| Mobile Network Coverage, % pop. covered | 95.0 |
| Broadband Internet subscriptions/100 pop. | 3.9 |

² ITU statistics

³ These indicators are derived from the World Economic Forum's Executive Opinion Survey.
http://www3.weforum.org/docs/WEF_GITR_Report_2013.pdf

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|--|------|
| Mobile broadband subscriptions/100 pop | 1.5 |
| Households with personal computers, % | 22.7 |
| Use of virtual social networks, out of a 1–7 (best) scale | 5.7 |
| Impact of ICT on new services and products, out of a 1–7 (best) scale | 4.2 |
| Impact of ICT on new organisational models, out of a 1–7 (best) scale | 4.2 |
| Gov't Success in ICT Promotion, out of a 1–7 (best) scale | 4.5 |
| Importance of ICT to gov't vision, out of a 1–7 (best) scale | 3.8 |
| ICT use & gov't efficiency, out of a 1–7 (best) scale | 4.3 |
| Gov't Online Service Index, out of a 0-1 (best) scale | 0.31 |
| E-Participation Index, out of a 0-1 (best) scale | 0.00 |

ICT Publications from Other International Organisations

| Source Organisation | Title of Publication |
|-----------------------------|---|
| InfoDev | <u>Jamaica - Country Report - Survey of ICT and Education in the Caribbean (Volume 2)</u> |
| World Economic Forum | <u>The Global Information Technology Report 2013</u> |