

## Country Page - Zambia

### ICT Sector Information

<b>Sector</b>	Communications and Transport
<b>Minister</b>	Willie Nsanda
<b>Principal Institutions</b>	<a href="#">Ministry of Communications and Transport</a>
<b>Regulator</b>	<a href="#">Zambia Information &amp; Communications Technology Authority (ZICTA)</a>
<b>Other Depts/Agencies in the Portfolio</b>	Department of Civil Aviation. Government Communications Flight. Department of Meteorology. Department of Maritime and Inland Waterways. Road Transport and Safety Agency Communications Authority of Zambia National Airports Corporation Limited (NAC) Zambia Telecommunications Company Limited (ZAMTEL) Zambia Postal Services Corporation (ZAMPOST). Zambia Railways Limited (ZR). Tanzania-Zambia Railways Authority (TAZARA) Mpulungu Harbour

### Mobile Operators

<b>Operator</b>	<b>Technology</b>
Airtel	900 MHz GSM, GPRS, EDGE
MTN	900 MHz GSM, GPRS
ZAMTEL	900 MHz GSM, GPRS, UMTS

## CTO Niche Areas

### Broadband

<b>National Policy Documents</b>	<a href="#">National Information and Communication Technology Policy</a>  <a href="#">The Information and Communication Technologies (ICT) Act of 2009</a>
<b>Agency</b>	<a href="#">Ministry of Communications and Transport</a> <a href="#">Zambia Information &amp; Communications Technology Authority (ZICTA)</a>
<b>Projects</b>	ZESCO's Power Line Broadband Project

### 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	0.03			
<b>Fixed Broadband Subscriptions per 100 inhabitants</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.05	0.08	0.08	0.12	0.11

### Cybersecurity & Cybercrime

<b>Policy</b>	<a href="#">The Electronic Communications and Transactions (ECT) Act No. 21 of 2009</a>  <a href="#">National Information and Communication Technology Policy</a>
<b>Agency</b>	The Investigator – General  <a href="#">Ministry of Communications and Transport</a> <a href="#">Zambia Information &amp; Communications Technology Authority (ZICTA)</a>

<sup>1</sup> ITU statistics

<b>Projects</b>	HIPSSA Project – Harmonised Legal Cyber security Framework for Southern Africa
<b>Related Publications</b>	<a href="#">Cybersecurity roadmap for Zambia</a>
<b>Other Resources</b>	<a href="#">Cybersecurity Forum</a>

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

<b>Policy Documents</b>	<a href="#">National Information and Communication Technology Policy</a> ICT Policy in Education
<b>Agency</b>	Ministry of Education
<b>Indicators - Internet access in schools, Out of a 1–7 (best) scale</b>	3.2
<b>Projects</b>	<a href="#">Computers for Zambian Schools Trust</a> <a href="#">SchoolNet Zambia</a> <a href="#">eBrain Forum</a>
<b>Publications</b>	<a href="#">ICT in Education in Zambia</a>

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

<b>Policy Documents</b>	<a href="#">The Electronic Communications and Transactions (ECT) Act No. 21 of 2009</a> <a href="#">National Information and Communication Technology Policy</a> <a href="#">The Postal Services Act</a>
<b>Agency</b>	<a href="#">Zambia Information &amp; Communications Technology Authority (ZICTA)</a>
<b>Projects</b>	Digital Migration
<b>Publications</b>	<a href="#">Zambia ICT Sector Performance Review 2009/2010</a>

## Youth and ICTs

<b>Policy Documents</b>	<a href="#">National Information and Communication Technology Policy</a> ICT Policy in Education
<b>Agency</b>	Ministry of Education
<b>Projects</b>	Chawama Youth Project (CYP)
<b>Publications</b>	<a href="#">Youth Promotion Through 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</b>	83,326	85,662	87,674	88,426	91,719	94,665	93,427	91,789	90,600	90,341	118,388	85,727	82,542
<b>Fixed telephone subscriptions per 100 inhabitants</b>	0.82	0.82	0.82	0.81	0.82	0.83	0.80	0.76	0.73	0.71	0.90	0.64	0.59
<b>Mobile cellular telephone subscriptions</b>	98,853	121,200	139,092	241,000	464,354	949,559	1,663,328	2,639,026	3,539,003	4,406,682	5,446,991	8,164,553	10,524,676
<b>Mobile cellular telephone subscriptions per 100 inhabitants</b>	0.97	1.16	1.30	2.20	4.15	8.28	14.16	21.89	28.59	34.63	41.62	60.59	75.81
<b>Estimated Internet Users per 100 inhabitants</b>	0.19	0.23	0.48	0.98	2.01	2.85	4.16	4.87	5.55	6.31	10.00	11.50	13.47

<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>	<b>3.9</b>
<b>Mobile Network Coverage, % pop. covered</b>	<b>62.0</b>
<b>Households with personal computers, %</b>	<b>2.4</b>
<b>Broadband Internet subscriptions/100 pop.</b>	<b>0.1</b>
<b>Mobile broadband subscriptions/100 pop</b>	<b>0.2</b>
<b>Use of virtual social networks, out of a 1–7 (best) scale</b>	<b>5.2</b>
<b>Impact of ICT on new services and products, out of a 1–7 (best) scale</b>	<b>4.3</b>
<b>Impact of ICT on new organisational models, out of a 1–7 (best) scale</b>	<b>4.2</b>
<b>Gov't success in ICT promotion, out of a 1–7 (best) scale</b>	<b>4.7</b>
<b>Importance of ICT to gov't vision, out of a 1–7 (best) scale</b>	<b>4.2</b>
<b>ICT use &amp; gov't</b>	<b>4.1</b>

<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>efficiency</b>	
<b>Gov't Online Service Index, out of a 0-1 (best) scale</b>	<b>0.31</b>
<b>E-Participation Index, out of a 0-1 (best) scale</b>	<b>0.03</b>

### Related ICT Publications

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