

Commonwealth Telecommunications Organisation

Country Page - Singapore

ICT Sector Information

Sector	Information, Communications and the Arts
Minister	Yaacob Ibrahim, Minister Grace Fu, Senior Minister of State Chan Chun Sing, Minister of State
Principal Institutions	Ministry of Information, Communications and the Arts
Regulator	Infocomm Development Authority of Singapore
Other Deprtments/Agencies in the Portfolio	Infocomm Development Authority of Singapore Media Development Authority National Arts Council National Heritage Board National Library Board

Mobile Operators

Operator	Technology
SingTel Mobile	900/1800 MHz GSM, GPRS 2100 MHz UMTS, HSPA 1800 MHz LTE
StarHub	900/1800 MHz GSM, GPRS 2100 MHz UMTS, HSPA, HSPA+, DC-HSPA+ 1800 LTE
M1	900/1800 MHz GSM GPRS 2100 MHz UMTS HSPA 1800/2600 MHz LTE
Qmax	Wimax

CTO Niche Areas

Broadband

National Policy Documents	Intelligent Nation 2015 (iN2015) masterplan Telecommunications Act (Cap. 323) Electronic Transactions Act (Cap. 88)
Agency	Infocomm Development Authority of Singapore
Projects	Next Generation Nationwide Broadband Network
Publications	Next Generation National Broadband Network for Singapore (Next Gen NBN) Presentation

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	7.44	24.78	42.84	56.40	72.16			
Fixed Broadband Subscriptions per 100 inhabitants	1.76	3.79	6.70	10.21	13.11	15.38	17.87	19.55	21.45	23.67	24.94	25.64	26.08

Cybersecurity & Cybercrime

Policy	Intelligent Nation 2015 (iN2015) masterplan Infocomm Security Masterplan 2 (MP2) Infocomm Security Masterplan (ISMP) National Trust Framework (NTF),
Agency	Singapore Computer Emergency Response Team (SingCERT)

¹ ITU statistics

	Infocomm Development Authority of Singapore
Projects	National Cyberthreat Monitoring Centre (NCCMC) National Authentication Framework (NAF) Business Continuity Readiness Assessment Framework Critical Infocomm Infrastructure Surety Assessment (CII-SA)
Related Publications	Singapore's Strategy in Securing the Cyberspace Presentation
Other Resources	Cybersecurity Forum

E-Education Skill Development and Entrepreneurship

Policy Documents	Third Masterplan for ICT in Education
Agency	Ministry of Education
Indicators - Internet access in schools, Out of a 1–7 (best) scale	6.3
Projects	Baseline ICT Standards Student Ambassador Program Cyber Wellness Research/ Online Evaluation Instrument ICT – PD Framework Recognition Programmes for Teachers ICT Mentors FutureSchools@Singapore
Publications	The Use of ICT in Singapore Schools

ICT For Disabilities

Policy Documents	Intelligent Nation 2015 (iN2015) masterplan
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	Enabling Masterplan 2012-2016: Maximising Potential, Embracing Differences
Agency	Infocomm Development Authority of Singapore
Projects	Infocomm Accessibility Centre Pan-Disability Programme
Publications	ICT Training for People with Disabilities : A People-Private-Public Approach (presentation)

Regulatory Environments including convergence and digital broadcasting switchover

Policy Documents	Telecommunications Act (Cap. 323) Electronic Transactions Act (Cap. 88)
Agency	Infocomm Development Authority of Singapore Ministry of Community Development, Youth and Sports

Youth and ICTs

Policy Documents	Intelligent Nation 2015 (iN2015) masterplan Enabling Masterplan 2012-2016: Maximising Potential, Embracing Differences
Agency	Ministry of Community Development, Youth and Sports
Projects	Student Ambassador Program Cyber Wellness Research/ Online Evaluation Instrument ICT – PD Framework Recognition Programmes for Teachers ICT Mentors FutureSchools@Singapore

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	1,946,000	1,947,500	1,927,200	1,889,500	1,857,000	1,844,400	1,853,500	1,861,800	1,876,000	1,930,900	1,996,100	2,018,100	1,989,500
Fixed telephone subscriptions per 100 inhabitants	49.65	48.92	47.80	46.24	44.64	43.23	42.03	40.61	39.31	39.04	39.24	38.90	37.85
Mobile cellular telephone subscriptions	2747400	2991600	3313000	3577000	3990700	4384600	4788600	5924100	6414800	6884800	7384600	7794300	8063000
Mobile cellular telephone subscriptions per 100 inhabitants	70.10	75.15	82.16	87.54	95.93	102.78	108.59	129.21	134.42	139.21	145.18	150.24	153.40
Estimated Internet Users per 100 inhabitants	36.00	41.67	47.00	53.84	62.00	61.00	59.00	69.90	69.00	69.00	71.00	71.00	74.18

World Economic Forum ICT Readiness Indicators³

Laws relating to ICT, out of a 1–7 (best) scale	5.8
Mobile Network Coverage, % pop. covered	99.9
Households with personal computers,	86.1

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

%	
Broadband Internet subscriptions/100 pop	25.6
Mobile broadband subscriptions/100 pop	114.1
Use of virtual social networks, out of a 1–7 (best) scale	6.2
Impact of ICT on new services and products, out of a 1–7 (best) scale	5.6
Impact of ICT on new organisational models, out of a 1–7 (best) scale	5.4
Gov't success in ICT promotion, out of a 1–7 (best) scale	6.0
Importance of ICT to gov't vision, out of a 1–7 (best) scale	5.9
ICT use & gov't efficiency, out of a 1–7 (best) scale	6.1
Gov't Online Service Index, out of a 0-1 (best) scale	1.00
E-Participation Index, out of a 0-1 (best) scale	0.95

Related ICT Publications

Source Organisation	Title of Publication
World Economic Forum	The Global Information Technology Report 2013