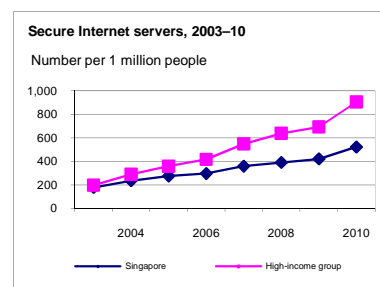
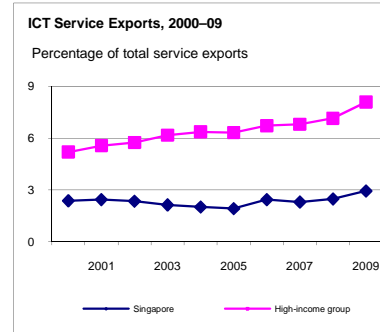
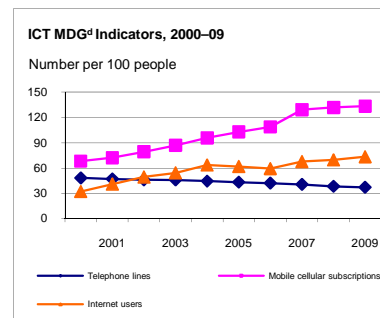
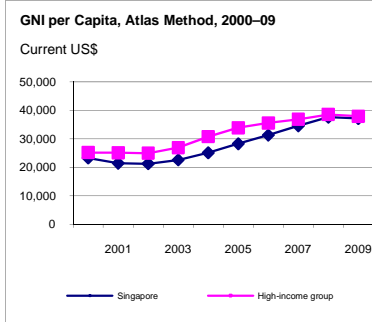


Singapore

	Singapore		High-income group
	2000	2009	2009
Economic and social context			
Population (total, million)	4	5	1,117
Urban population (% of total)	100	100	77
GNI per capita, World Bank Atlas method (current US\$)	23,350	37,220	37,990
GDP growth, 1995–2000 and 2000–09 (avg. annual %)	5.7	6.5	2.0
Adult literacy rate (% ages 15 and older)	93	95	98
Gross primary, secondary, tertiary school enrollment (%)	—	—	91
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	<i>Mixed</i>	
Level of competition ^a			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Sector efficiency and capacity			
Telecommunications revenue (% of GDP)	3.4	2.6	3.0
Mobile cellular and fixed-line subscribers per employee	584	—	765
Telecommunications investment (% of revenue)	14.9	12.6	15.5
Sector performance			
Access			
Telephone lines (per 100 people)	48.3	37.1	45.1
Mobile cellular subscriptions (per 100 people)	68.2	133.4	111.2
Fixed Internet subscribers (per 100 people)	21.2	22.8	24.3
Personal computers (per 100 people)	48.2	74.3	65.4
Households with a television set (%)	99	—	98
Usage			
International voice traffic, total (minutes/person/month) ^b	—	—	—
Mobile telephone usage (minutes/user/month)	411	370	330
Internet users (per 100 people)	32.3	73.3	72.3
Quality			
Population covered by mobile cellular network (%)	100	100	99
Fixed broadband subscribers (% of total Internet subscribers)	8.1	90.9	89.2
International Internet bandwidth (bits/second/person)	558	22,783	19,521
Affordability			
Residential fixed line tariff (US\$/month)	—	7.7	22.8
Mobile cellular prepaid tariff (US\$/month)	—	3.9	14.8
Fixed broadband Internet access tariff (US\$/month)	—	16.7	28.8
Trade			
ICT goods exports (% of total goods exports)	56.1	35.4	12.2
ICT goods imports (% of total goods imports)	44.4	28.2	13.3
ICT service exports (% of total service exports)	2.4	2.9	8.1
Applications			
E-government Web measure index ^c	—	0.61	0.58
Secure Internet servers (per 1 million people, December 2010)	126.9	523.1	905.1



Sources: Economic and social context: UIS and World Bank; Sector structure: ITU; Sector efficiency and capacity: ITU and World Bank; Sector performance: IMF, ITU, Netcraft, TeleGeography, UN Comtrade, UNDESA, UNPAN, Wireless Intelligence and World Bank. Produced by the Transport, Water, and Information Communication Technologies Department and the Development Economics Data Group. For complete information, see Definitions and Data Sources.

Notes: Use of italics in the column entries indicates years other than those specified. — Not available. GDP = gross domestic product; GNI = gross national income; ICT = information and communication technology; and MDG = Millennium Development Goal. a. C = competition; M = monopoly; and P = partial competition. b. Outgoing and incoming. c. Scale of 0–1, where 1 = highest presence. d. Millennium Development Goal indicators 8.14, 8.15, and 8.16.