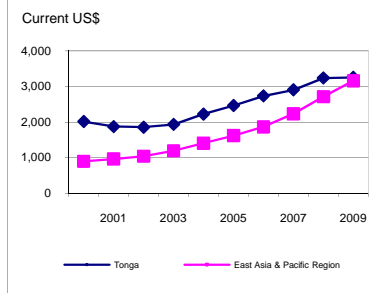


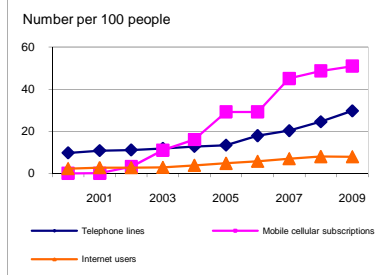
# Tonga

	Tonga		Lower-middle-income group	East Asia & Pacific Region
	2000	2009	2009	2009
<b>Economic and social context</b>				
Population (total, million)	0.10	0.10	3,811	1,944
Urban population (% of total)	23	25	41	45
GNI per capita, World Bank Atlas method (current US\$)	2,020	3,260	2,321	3,163
GDP growth, 1995–2000 and 2000–09 (avg. annual %)	2.0	1.0	8.5	9.4
Adult literacy rate (% ages 15 and older)	—	99	80	94
Gross primary, secondary, tertiary school enrollment (%)	78	82	64	67
<b>Sector structure</b>				
Separate telecommunications regulator	—	No		
Status of main fixed-line telephone operator	<i>Public</i>	<i>Private</i>		
Level of competition <sup>a</sup>				
International long distance service	<i>P</i>	<i>C</i>		
Mobile telephone service	—	<i>C</i>		
Internet service	<i>P</i>	<i>C</i>		
<b>Sector efficiency and capacity</b>				
Telecommunications revenue (% of GDP)	2.2	—	3.0	2.5
Mobile cellular and fixed-line subscribers per employee	35	—	605	546
Telecommunications investment (% of revenue)	—	—	22.4	—
<b>Sector performance</b>				
<b>Access</b>				
Telephone lines (per 100 people)	9.8	29.8	12.7	20.4
Mobile cellular subscriptions (per 100 people)	0.2	51.0	57.8	61.6
Fixed Internet subscribers (per 100 people)	1.2	4.3	5.5	9.0
Personal computers (per 100 people)	1.3	5.9	4.5	5.6
Households with a television set (%)	—	—	—	—
<b>Usage</b>				
International voice traffic, total (minutes/person/month) <sup>b</sup>	—	—	—	—
Mobile telephone usage (minutes/user/month)	—	—	330	332
Internet users (per 100 people)	2.4	8.1	17.2	24.1
<b>Quality</b>				
Population covered by mobile cellular network (%)	70	90	77	93
Fixed broadband subscribers (% of total Internet subscribers)	0.0	16.2	40.1	42.6
International Internet bandwidth (bits/second/person)	5	116	151	742
<b>Affordability</b>				
Residential fixed line tariff (US\$/month)	—	6.5	4.7	4.0
Mobile cellular prepaid tariff (US\$/month)	—	5.9	7.1	3.7
Fixed broadband Internet access tariff (US\$/month)	—	127.8	30.4	20.8
<b>Trade</b>				
ICT goods exports (% of total goods exports)	—	—	21.3	28.9
ICT goods imports (% of total goods imports)	—	—	18.4	24.4
ICT service exports (% of total service exports)	—	2.8	19.9	6.8
<b>Applications</b>				
E-government Web measure index <sup>c</sup>	—	0.17	0.29	0.18
Secure Internet servers (per 1 million people, December 2010)	30.3	19.2	2.7	3.2

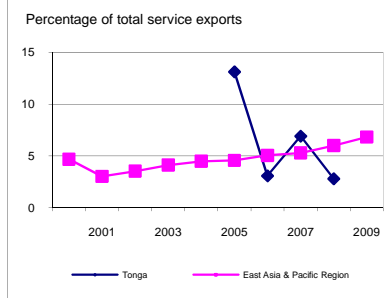
GNI per Capita, Atlas Method, 2000–09



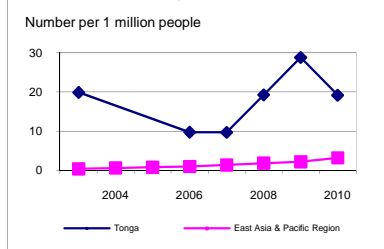
ICT MDG<sup>d</sup> Indicators, 2000–09



ICT Service Exports, 2000–09



Secure Internet servers, 2003–10



**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.