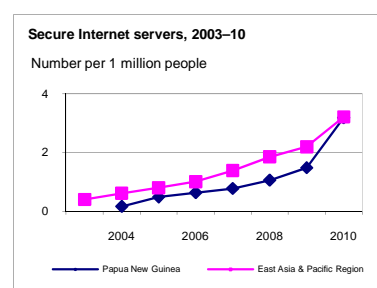
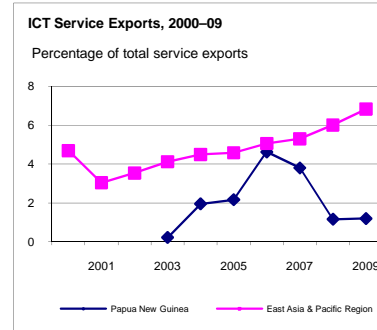
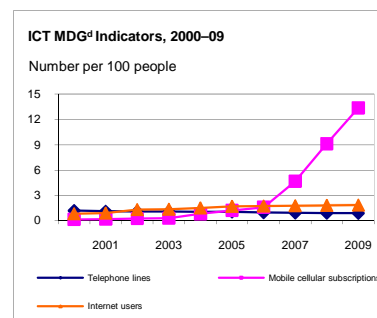
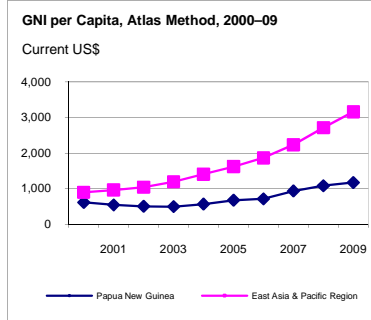


Papua New Guinea

	Papua New Guinea		Lower-middle-income group	East Asia & Pacific Region
	2000	2009	2009	2009
Economic and social context				
Population (total, million)	5	7	3,811	1,944
Urban population (% of total)	13	13	41	45
GNI per capita, World Bank Atlas method (current US\$)	620	1,180	2,321	3,163
GDP growth, 1995–2000 and 2000–09 (avg. annual %)	-0.8	3.4	8.5	9.4
Adult literacy rate (% ages 15 and older)	57	60	80	94
Gross primary, secondary, tertiary school enrollment (%)	—	—	64	67
Sector structure				
Separate telecommunications regulator	Yes	Yes		
Status of main fixed-line telephone operator	<i>Public</i>	<i>Public</i>		
Level of competition ^a				
International long distance service	<i>M</i>	<i>M</i>		
Mobile telephone service	<i>M</i>	<i>M</i>		
Internet service	<i>P</i>	<i>P</i>		
Sector efficiency and capacity				
Telecommunications revenue (% of GDP)	2.3	—	3.0	2.5
Mobile cellular and fixed-line subscribers per employee	41	—	605	546
Telecommunications investment (% of revenue)	82.6	—	22.4	—
Sector performance				
Access				
Telephone lines (per 100 people)	1.2	0.9	12.7	20.4
Mobile cellular subscriptions (per 100 people)	0.2	13.4	57.8	61.6
Fixed Internet subscribers (per 100 people)	0.5	—	5.5	9.0
Personal computers (per 100 people)	5.2	6.4	4.5	5.6
Households with a television set (%)	—	—	—	—
Usage				
International voice traffic, total (minutes/person/month) ^b	—	—	—	—
Mobile telephone usage (minutes/user/month)	—	—	330	332
Internet users (per 100 people)	0.8	1.9	17.2	24.1
Quality				
Population covered by mobile cellular network (%)	—	—	77	93
Fixed broadband subscribers (% of total Internet subscribers)	—	—	40.1	42.6
International Internet bandwidth (bits/second/person)	1	2	151	742
Affordability				
Residential fixed line tariff (US\$/month)	—	4.0	4.7	4.0
Mobile cellular prepaid tariff (US\$/month)	—	17.8	7.1	3.7
Fixed broadband Internet access tariff (US\$/month)	—	141.8	30.4	20.8
Trade				
ICT goods exports (% of total goods exports)	0.0	0.1	21.3	28.9
ICT goods imports (% of total goods imports)	3.6	4.1	18.4	24.4
ICT service exports (% of total service exports)	—	1.2	19.9	6.8
Applications				
E-government Web measure index ^c	—	0.09	0.29	0.18
Secure Internet servers (per 1 million people, December 2010)	—	3.2	2.7	3.2



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.