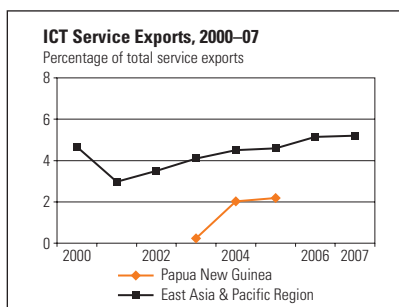
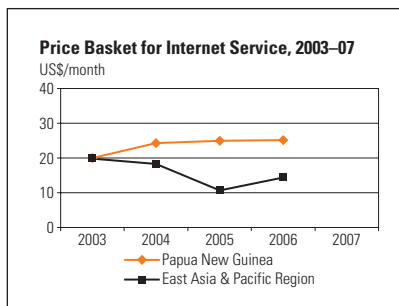
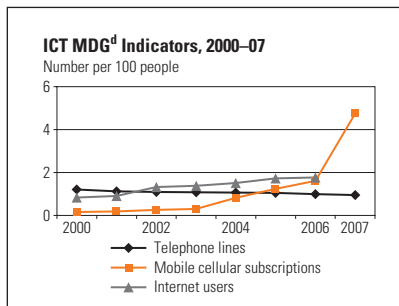
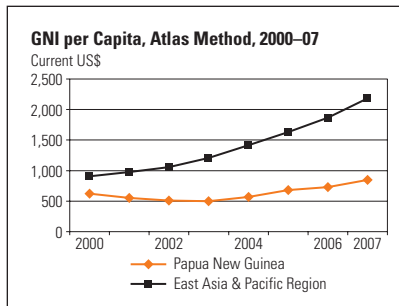


# Papua New Guinea

	Papua New Guinea		Low-income group	East Asia & Pacific Region
	2000	2007	2007	2007
<b>Economic and social context</b>				
Population (total, million)	5	6	1,296	1,912
Urban population (% of total)	13	13	32	43
GNI per capita, World Bank Atlas method (current US\$)	620	850	574	2,182
GDP growth, 1995–2000 and 2000–07 (avg. annual %)	-0.8	2.3	5.6	9.0
Adult literacy rate (% of ages 15 and older)	57	58	64	93
Gross primary, secondary, tertiary school enrollment (%)	41	41	51	69
<b>Sector structure</b>				
Separate telecommunications regulator	Yes	Yes		
Status of main fixed-line telephone operator	<i>Public</i>	<i>Public</i>		
Level of competition <sup>a</sup>				
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>		
<b>Sector efficiency and capacity</b>				
Telecommunications revenue (% of GDP)	2.3	—	3.3	3.0
Mobile and fixed-line subscribers per employee	41	—	301	546
Telecommunications investment (% of revenue)	82.6	—	—	—
<b>Sector performance</b>				
<b>Access</b>				
Telephone lines (per 100 people)	1.2	0.9	4.0	23.1
Mobile cellular subscriptions (per 100 people)	0.2	4.7	21.5	43.7
Internet subscribers (per 100 people)	0.5	—	0.8	9.3
Personal computers (per 100 people)	5.2	6.4	1.5	5.6
Households with a television set (%)	8	10	16	53
<b>Usage</b>				
International voice traffic (minutes/person/month) <sup>b</sup>	0.7	—	—	0.8
Mobile telephone usage (minutes/user/month)	—	—	—	333
Internet users (per 100 people)	0.8	1.8	5.2	14.6
<b>Quality</b>				
Population covered by mobile cellular network (%)	—	—	54	93
Fixed broadband subscribers (% of total Internet subscrib.)	—	—	3.4	41.8
International Internet bandwidth (bits/second/person)	1	1	26	247
<b>Affordability</b>				
Price basket for residential fixed line (US\$/month)	20.1	4.9	5.7	5.8
Price basket for mobile service (US\$/month)	—	14.6	11.2	5.0
Price basket for Internet service (US\$/month)	—	25.1	29.2	14.4
Price of call to United States (US\$ for 3 minutes)	4.32	—	2.00	1.16
<b>Trade</b>				
ICT goods exports (% of total goods exports)	0.0	0.1	1.4	30.9
ICT goods imports (% of total goods imports)	3.6	4.1	6.7	28.1
ICT service exports (% of total service exports)	—	2.2	—	5.2
<b>Applications</b>				
ICT expenditure (% of GDP)	—	—	—	7.3
E-government Web measure index <sup>c</sup>	—	0.09	0.11	0.18
Secure Internet servers (per 1 million people, Dec. 2008)	—	1.1	0.5	1.9



**Sources:** Economic and social context: UIS and World Bank; Sector structure: ITU; Sector efficiency and capacity: ITU and World Bank; Sector performance: Global Insight/WITSA, IMF, ITU, Netcraft, UN Comtrade, UNDESA, UNPAN, Wireless Intelligence and World Bank. Produced by the Global Information and 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.