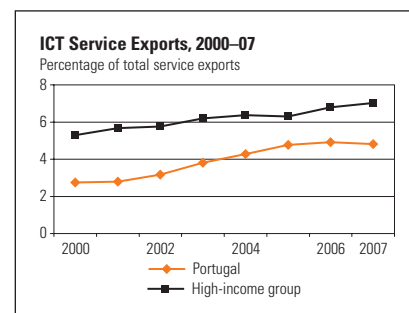
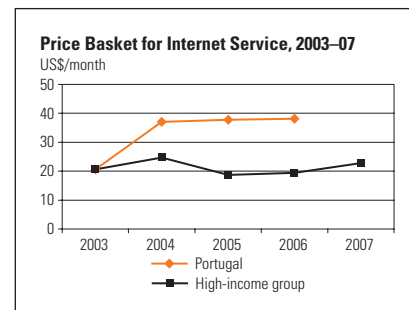
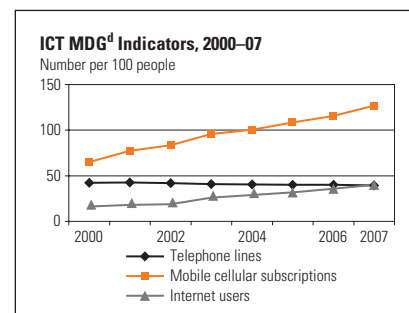
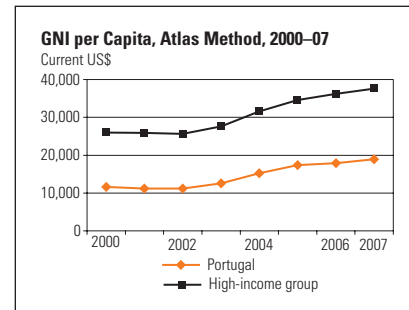


Portugal

	Portugal		High-income group
	2000	2007	2007
Economic and social context			
Population (total, million)	10	11	1,056
Urban population (% of total)	54	59	78
GNI per capita, World Bank Atlas method (current US\$)	11,590	18,950	37,572
GDP growth, 1995–2000 and 2000–07 (avg. annual %)	4.2	0.9	2.4
Adult literacy rate (% of ages 15 and older)	—	95	99
Gross primary, secondary, tertiary school enrollment (%)	92	90	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Mixed	Private	
Level of competition ^a			
International long distance service	C	C	
Mobile telephone service	P	C	
Internet service	C	C	
Sector efficiency and capacity			
Telecommunications revenue (% of GDP)	4.5	4.5	3.1
Mobile and fixed-line subscribers per employee	594	1,365	747
Telecommunications investment (% of revenue)	22.7	16.4	14.3
Sector performance			
Access			
Telephone lines (per 100 people)	42.3	39.5	50.0
Mobile cellular subscriptions (per 100 people)	65.2	126.8	100.4
Internet subscribers (per 100 people)	6.3	15.2	25.8
Personal computers (per 100 people)	10.3	17.2	67.4
Households with a television set (%)	100	99	98
Usage			
International voice traffic (minutes/person/month) ^b	11.4	14.8	14.0
Mobile telephone usage (minutes/user/month)	133	120	353
Internet users (per 100 people)	16.4	40.1	65.7
Quality			
Population covered by mobile cellular network (%)	99	99	99
Fixed broadband subscribers (% of total Internet subscrib.)	0.0	94.6	82.6
International Internet bandwidth (bits/second/person)	49	4,790	18,242
Affordability			
Price basket for residential fixed line (US\$/month)	17.4	31.8	26.1
Price basket for mobile service (US\$/month)	—	23.1	13.0
Price basket for Internet service (US\$/month)	—	38.1	22.8
Price of call to United States (US\$ for 3 minutes)	0.83	1.04	0.81
Trade			
ICT goods exports (% of total goods exports)	7.8	9.0	15.2
ICT goods imports (% of total goods imports)	9.0	9.3	14.6
ICT service exports (% of total service exports)	2.7	4.8	7.0
Applications			
ICT expenditure (% of GDP)	—	5.7	6.7
E-government Web measure index ^c	—	0.60	0.60
Secure Internet servers (per 1 million people, Dec. 2008)	13.4	115.2	662.6



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.