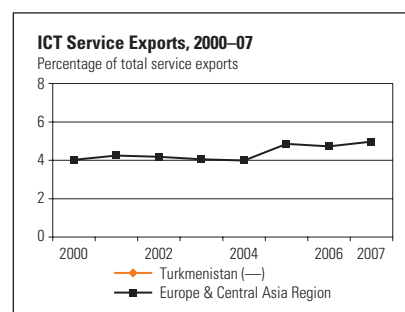
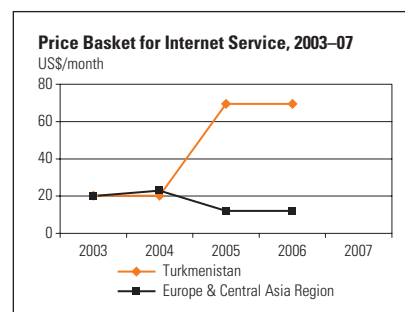
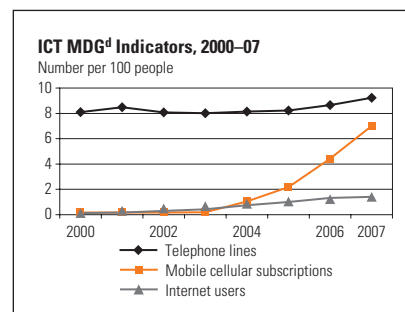
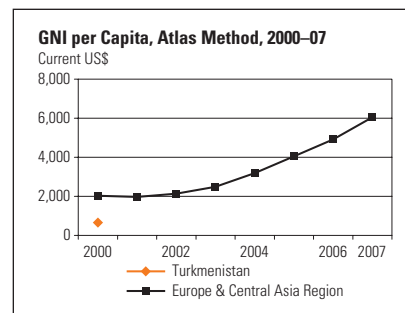


# Turkmenistan

	Turkmenistan		Lower-middle-income group	Europe & Central Asia Region
	2000	2007	2007	2007
<b>Economic and social context</b>				
Population (total, million)	5	5	3,435	446
Urban population (% of total)	46	48	42	64
GNI per capita, World Bank Atlas method (current US\$)	650	—	1,905	6,052
GDP growth, 1995–2000 and 2000–07 (avg. annual %)	4.0	—	8.0	6.1
Adult literacy rate (% of ages 15 and older)	—	100	83	98
Gross primary, secondary, tertiary school enrollment (%)	—	—	68	82
<b>Sector structure</b>				
Separate telecommunications regulator	—	No		
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>C</i>	<i>C</i>		
Internet service	—	—		
<b>Sector efficiency and capacity</b>				
Telecommunications revenue (% of GDP)	0.9	0.7	3.1	2.9
Mobile and fixed-line subscribers per employee	50	72	624	532
Telecommunications investment (% of revenue)	9.0	—	25.3	22.0
<b>Sector performance</b>				
<b>Access</b>				
Telephone lines (per 100 people)	8.1	9.2	15.3	25.7
Mobile cellular subscriptions (per 100 people)	0.2	7.0	38.9	95.0
Internet subscribers (per 100 people)	0.0	—	6.0	13.6
Personal computers (per 100 people)	1.5	7.2	4.6	10.6
Households with a television set (%)	0	0	79	96
<b>Usage</b>				
International voice traffic (minutes/person/month) <sup>b</sup>	0.5	—	—	—
Mobile telephone usage (minutes/user/month)	—	282	322	154
Internet users (per 100 people)	0.1	1.4	12.4	21.4
<b>Quality</b>				
Population covered by mobile cellular network (%)	12	14	80	92
Fixed broadband subscribers (% of total Internet subscrib.)	0.0	—	40.4	32.5
International Internet bandwidth (bits/second/person)	0	16	199	1,114
<b>Affordability</b>				
Price basket for residential fixed line (US\$/month)	—	1.5	7.2	5.8
Price basket for mobile service (US\$/month)	—	17.2	9.8	11.8
Price basket for Internet service (US\$/month)	—	69.5	16.7	12.0
Price of call to United States (US\$ for 3 minutes)	—	—	2.08	1.63
<b>Trade</b>				
ICT goods exports (% of total goods exports)	0.0	—	20.6	1.8
ICT goods imports (% of total goods imports)	6.3	—	20.2	7.0
ICT service exports (% of total service exports)	—	—	15.6	5.0
<b>Applications</b>				
ICT expenditure (% of GDP)	—	—	6.5	5.0
E-government Web measure index <sup>c</sup>	—	0.05	0.33	0.36
Secure Internet servers (per 1 million people, Dec. 2008)	—	—	1.8	23.9



**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.