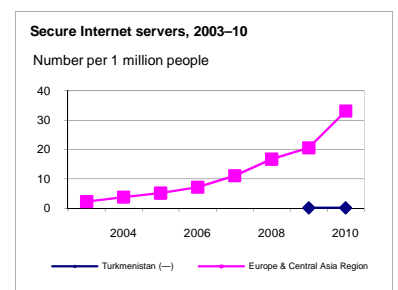
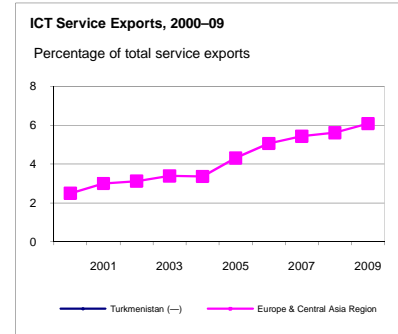
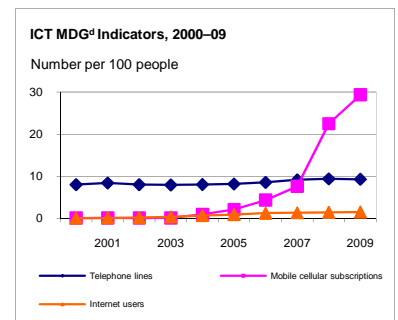
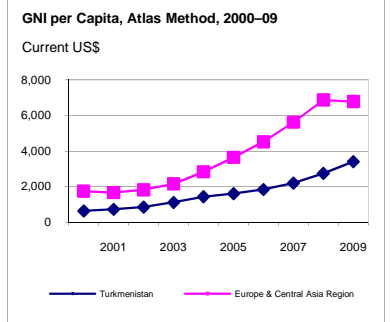


Turkmenistan

	Turkmenistan		Lower-middle-income group	Europe & Central Asia Region
	2000	2009	2009	2009
Economic and social context				
Population (total, million)	5	5	3,811	404
Urban population (% of total)	46	49	41	64
GNI per capita, World Bank Atlas method (current US\$)	650	3,420	2,321	6,793
GDP growth, 1995–2000 and 2000–09 (avg. annual %)	3.9	13.9	8.5	5.9
Adult literacy rate (% ages 15 and older)	—	100	80	98
Gross primary, secondary, tertiary school enrollment (%)	—	—	64	81
Sector structure				
Separate telecommunications regulator	—	No		
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>C</i>	<i>C</i>		
Internet service	—	—		
Sector efficiency and capacity				
Telecommunications revenue (% of GDP)	0.9	0.7	3.0	2.8
Mobile cellular and fixed-line subscribers per employee	50	72	605	462
Telecommunications investment (% of revenue)	9.0	—	22.4	22.5
Sector performance				
Access				
Telephone lines (per 100 people)	8.1	9.4	12.7	25.5
Mobile cellular subscriptions (per 100 people)	0.2	29.4	57.8	118.7
Fixed Internet subscribers (per 100 people)	0.0	—	5.5	29.1
Personal computers (per 100 people)	1.5	7.2	4.5	9.8
Households with a television set (%)	93	—	—	—
Usage				
International voice traffic, total (minutes/person/month) ^b	—	—	—	—
Mobile telephone usage (minutes/user/month)	—	274	330	190
Internet users (per 100 people)	0.1	1.6	17.2	36.4
Quality				
Population covered by mobile cellular network (%)	12	14	77	91
Fixed broadband subscribers (% of total Internet subscribers)	—	—	40.1	26.3
International Internet bandwidth (bits/second/person)	0	48	151	1,087
Affordability				
Residential fixed line tariff (US\$/month)	—	—	4.7	3.9
Mobile cellular prepaid tariff (US\$/month)	—	—	7.1	7.6
Fixed broadband Internet access tariff (US\$/month)	—	—	30.4	17.2
Trade				
ICT goods exports (% of total goods exports)	0.0	—	21.3	1.5
ICT goods imports (% of total goods imports)	6.3	—	18.4	6.6
ICT service exports (% of total service exports)	—	—	19.9	6.1
Applications				
E-government Web measure index ^c	—	0.05	0.29	0.35
Secure Internet servers (per 1 million people, December 2010)	—	0.2	2.7	33.1



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.