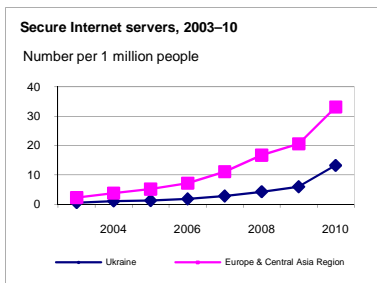
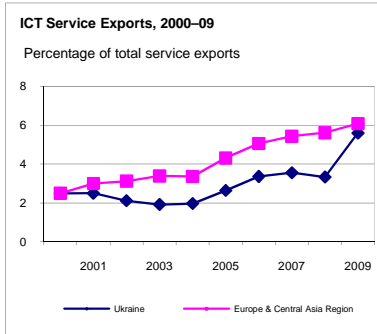
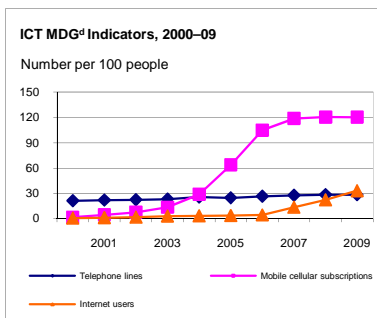
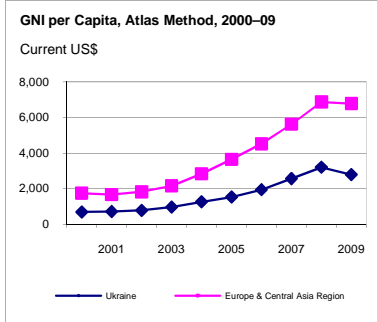


# Ukraine

	Ukraine		Lower-middle-income group	Europe & Central Asia Region
	2000	2009	2009	2009
<b>Economic and social context</b>				
Population (total, million)	49	46	3,811	404
Urban population (% of total)	67	68	41	64
GNI per capita, World Bank Atlas method (current US\$)	700	2,800	2,321	6,793
GDP growth, 1995–2000 and 2000–09 (avg. annual %)	-1.9	5.6	8.5	5.9
Adult literacy rate (% ages 15 and older)	99	100	80	98
Gross primary, secondary, tertiary school enrollment (%)	85	91	64	81
<b>Sector structure</b>				
Separate telecommunications regulator	—	Yes		
Status of main fixed-line telephone operator	<i>Public</i>	<i>Mixed</i>		
Level of competition <sup>a</sup>				
International long distance service	C	C		
Mobile telephone service	C	C		
Internet service	—	C		
<b>Sector efficiency and capacity</b>				
Telecommunications revenue (% of GDP)	3.7	5.7	3.0	2.8
Mobile cellular and fixed-line subscribers per employee	88	210	605	462
Telecommunications investment (% of revenue)	23.1	31.4	22.4	22.5
<b>Sector performance</b>				
<b>Access</b>				
Telephone lines (per 100 people)	21.2	28.3	12.7	25.5
Mobile cellular subscriptions (per 100 people)	1.7	120.3	57.8	118.7
Fixed Internet subscribers (per 100 people)	0.5	5.8	5.5	29.1
Personal computers (per 100 people)	1.8	4.5	4.5	9.8
Households with a television set (%)	—	97	—	—
<b>Usage</b>				
International voice traffic, total (minutes/person/month) <sup>b</sup>	—	—	—	—
Mobile telephone usage (minutes/user/month)	49	215	330	190
Internet users (per 100 people)	0.7	33.3	17.2	36.4
<b>Quality</b>				
Population covered by mobile cellular network (%)	75	100	77	91
Fixed broadband subscribers (% of total Internet subscribers)	0.0	72.0	40.1	26.3
International Internet bandwidth (bits/second/person)	1	206	151	1,087
<b>Affordability</b>				
Residential fixed line tariff (US\$/month)	—	2.8	4.7	3.9
Mobile cellular prepaid tariff (US\$/month)	—	4.3	7.1	7.6
Fixed broadband Internet access tariff (US\$/month)	—	7.2	30.4	17.2
<b>Trade</b>				
ICT goods exports (% of total goods exports)	1.3	1.3	21.3	1.5
ICT goods imports (% of total goods imports)	3.6	2.6	18.4	6.6
ICT service exports (% of total service exports)	2.5	5.6	19.9	6.1
<b>Applications</b>				
E-government Web measure index <sup>c</sup>	—	0.54	0.29	0.35
Secure Internet servers (per 1 million people, December 2010)	0.9	13.3	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.