

From **World Development Indicators**

The Little Data Book on Information and Communication Technology

08

Economic and social context

Sector structure

Sector performance

Access

Quality

Affordability

Institutional efficiency and sustainability

Applications



THE WORLD BANK

2008 | **THE LITTLE DATA BOOK ON INFORMATION AND COMMUNICATION TECHNOLOGY**



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Preface

In the last decade developing countries have experienced a revolution in information and communication technology. Most countries now have more than one telecommunications operator, and in many countries more than three companies compete to provide telecommunications services. This competition has resulted in high levels of investment, rapid growth of networks, and a downward trend in prices. Today, more than half of the world's population lives within reach of communication networks—and the share is rising.

This rapid increase in the availability of communication services has broad implications. Research shows that investment in information and communication technology can boost economic growth and the productivity of firms of all sizes in countries across the range of income levels. The sector is an increasingly important source of investment and tax revenue, particularly in low-income countries. It also has a direct impact on people's lives, allowing family members to maintain contact with each other and providing improved services in health and education.

The Little Data Book on Information and Communication Technology 2008 charts the progress of this revolution for 209 countries around the world. It provides comparable statistics on the sector for 2000 and 2006 across a range of indicators, enabling readers to readily compare countries.

This guide includes indicators covering the economic and social context, the structure of the information and communication technology sector, and sector performance related to access, quality, affordability, institutional efficiency, and applications. The *Glossary* contains definitions of the terms used in the tables.

For more information about these data or other World Bank data publications, visit our data Web site at www.worldbank.org/data or the Web site of the Global Information and Communication Technologies Department at www.worldbank.org/ict or call our data hotline at 800.590.1906 or 202.473.7824.

Data notes

The data in this book are for 2000 and 2006 or the most recent year unless otherwise noted in the *Glossary*.

- Growth rates are proportional changes from the previous year unless otherwise noted.
- Regional aggregates include data for low- and middle-income economies only.
- Italics indicate data for years or periods other than those specified.

Symbols used:

- .. indicates that data are not available or that aggregates cannot be calculated because of missing data.
- 0 or 0.0** indicates zero or small enough that the number would round to zero at the displayed number of decimal places.
- \$** indicates current U.S. dollars.

Data are shown for economies with populations greater than 30,000 or for smaller economies if they are members of the World Bank. The term *country* (used interchangeably with *economy*) does not imply political independence or official recognition by the World Bank but refers to any economy for which the authorities report separate social or economic statistics.

Regional tables

The country composition of regions is based on the World Bank's analytical regions and may differ from common geographic usage.

East Asia and Pacific

American Samoa, Cambodia, China, Fiji, Indonesia, Kiribati, Democratic Republic of Korea, Lao People's Democratic Republic, Malaysia, Marshall Islands, Federated States of Micronesia, Mongolia, Myanmar, Northern Mariana Islands, Palau, Papua New Guinea, Philippines, Samoa, Solomon Islands, Thailand, Timor-Leste, Tonga, Vanuatu, Vietnam

Europe and Central Asia

Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Georgia, Hungary, Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Former Yugoslav Republic of Macedonia, Moldova, Montenegro, Poland, Romania, Russian Federation, Serbia, Slovak Republic, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan

Latin America and the Caribbean

Argentina, Belize, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Suriname, Uruguay, Bolivarian Republic of Venezuela

Middle East and North Africa

Algeria, Djibouti, Arab Republic of Egypt, Islamic Republic of Iran, Iraq, Jordan, Lebanon, Libya, Morocco, Oman, Syrian Arab Republic, Tunisia, West Bank and Gaza, Republic of Yemen

South Asia

Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan, Sri Lanka

Sub-Saharan Africa

Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Democratic Republic of the Congo, Republic of Congo, Côte d'Ivoire, Equatorial Guinea, Eritrea, Ethiopia, Gabon, The Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Mozambique, Namibia, Niger, Nigeria, Rwanda, São Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Togo, Uganda, Zambia, Zimbabwe

	2000	2006
Economic and social context		
Population (millions)	6,077	6,538
Urban population (% of total)	47	49
GNI per capita, <i>World Bank Atlas</i> method (\$)	5,252	7,448
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.2	3.0
Adult literacy rate (% ages 15 and older)	..	82
Gross primary, secondary, and tertiary enrollment (%)	64	68
Sector structure		
Separate telecommunications regulator		
Status of main fixed-line telephone operator		
Level of competition (competition, partial comp., monopoly)		
International long distance service		
Mobile telephone service		
Internet service		
Government prioritization of sector (1–7, 7=highest)	..	4.6
Sector performance		
Access		
Telephone mainlines (per 100 people)	16.1	19.5
International voice traffic (minutes per person)	38	..
Mobile telephone subscribers (per 100 people)	12.2	40.0
Population covered by mobile telephony (%)	..	..
Internet users (per 100 people)	6.5	21.4
Personal computers (per 100 people)	8.0	10.6
Households with a television set (%)	79	83
Quality		
Telephone faults (per 100 mainlines)	25.0	..
Broadband subscribers (per 100 people)	0.36	5.46
International Internet bandwidth (bits per person)	102	529
Affordability		
Price basket for residential fixed line (\$ a month)	10.2	10.0
Price basket for mobile telephone service (\$ a month)	..	10.4
Price basket for Internet service (\$ a month)	..	12.1
Price of call to United States (\$ for 3 minutes)	3.01	1.42
Institutional efficiency and sustainability		
Telecommunications revenue (% of GDP)	2.3	2.9
Telephone subscribers per employee	157	572
Telecommunications investment (% of revenue)	26.8	18.5
Applications		
Sector expenditure (% of GDP)	7.3	6.7
E-government readiness index (0–1, 1=most ready)	..	0.47
Secure Internet servers (per million people)	21.8	94.1

East Asia & Pacific

	2000	2006
Economic and social context		
Population (millions)	1,804	1,899
Urban population (% of total)	37	42
GNI per capita, <i>World Bank Atlas</i> method (\$)	908	1,856
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	6.0	8.6
Adult literacy rate (% ages 15 and older)	..	91
Gross primary, secondary, and tertiary enrollment (%)	66	69
Sector structure		
Separate telecommunications regulator		
Status of main fixed-line telephone operator		
Level of competition (competition, partial comp., monopoly)		
International long distance service		
Mobile telephone service		
Internet service		
Government prioritization of sector (1–7, 7=highest)	..	4.7
Sector performance		
Access		
Telephone mainlines (per 100 people)	9.3	23.1
International voice traffic (minutes per person)	6	8
Mobile telephone subscribers (per 100 people)	5.8	34.7
Population covered by mobile telephony (%)	..	..
Internet users (per 100 people)	1.9	11.1
Personal computers (per 100 people)	1.6	4.1
Households with a television set (%)	53	63
Quality		
Telephone faults (per 100 mainlines)	31.9	..
Broadband subscribers (per 100 people)	0.00	3.56
International Internet bandwidth (bits per person)	2	182
Affordability		
Price basket for residential fixed line (\$ a month)	6.9	5.8
Price basket for mobile telephone service (\$ a month)	..	5.0
Price basket for Internet service (\$ a month)	..	5.8
Price of call to United States (\$ for 3 minutes)	4.32	1.16
Institutional efficiency and sustainability		
Telecommunications revenue (% of GDP)	1.9	2.7
Telephone subscribers per employee	151	849
Telecommunications investment (% of revenue)	30.7	..
Applications		
Sector expenditure (% of GDP)	3.8	5.3
E-government readiness index (0–1, 1=most ready)	..	0.43
Secure Internet servers (per million people)	0.3	1.4

Europe & Central Asia

	2000	2006
Economic and social context		
Population (millions)	460	461
Urban population (% of total)	63	64
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,965	4,815
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.8	5.8
Adult literacy rate (% ages 15 and older)	..	97
Gross primary, secondary, and tertiary enrollment (%)	..	82
Sector structure		
Separate telecommunications regulator		
Status of main fixed-line telephone operator		
Level of competition (competition, partial comp., monopoly)		
International long distance service		
Mobile telephone service		
Internet service		
Government prioritization of sector (1–7, 7=highest)	..	4.4
Sector performance		
Access		
Telephone mainlines (per 100 people)	22.0	24.6
International voice traffic (minutes per person)	29	..
Mobile telephone subscribers (per 100 people)	8.5	63.5
Population covered by mobile telephony (%)	..	..
Internet users (per 100 people)	2.8	19.2
Personal computers (per 100 people)	5.1	10.2
Households with a television set (%)	92	97
Quality		
Telephone faults (per 100 mainlines)	35.7	9.5
Broadband subscribers (per 100 people)	0.01	3.64
International Internet bandwidth (bits per person)	15	268
Affordability		
Price basket for residential fixed line (\$ a month)	8.6	7.2
Price basket for mobile telephone service (\$ a month)	..	11.8
Price basket for Internet service (\$ a month)	..	11.1
Price of call to United States (\$ for 3 minutes)	3.03	1.55
Institutional efficiency and sustainability		
Telecommunications revenue (% of GDP)	2.5	1.7
Telephone subscribers per employee	114	314
Telecommunications investment (% of revenue)	26.0	22.0
Applications		
Sector expenditure (% of GDP)	5.2	4.6
E-government readiness index (0–1, 1=most ready)	..	0.49
Secure Internet servers (per million people)	3.2	17.3

Latin America & Caribbean

	2000	2006
Economic and social context		
Population (millions)	514	556
Urban population (% of total)	75	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,766	4,785
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.0	3.1
Adult literacy rate (% ages 15 and older)	..	90
Gross primary, secondary, and tertiary enrollment (%)	79	81
Sector structure		
Separate telecommunications regulator		
Status of main fixed-line telephone operator		
Level of competition (competition, partial comp., monopoly)		
International long distance service		
Mobile telephone service		
Internet service		
Government prioritization of sector (1–7, 7=highest)	..	4.2
Sector performance		
Access		
Telephone mainlines (per 100 people)	14.4	17.8
International voice traffic (minutes per person)	38	..
Mobile telephone subscribers (per 100 people)	12.1	54.9
Population covered by mobile telephony (%)	..	90
Internet users (per 100 people)	3.8	18.4
Personal computers (per 100 people)	4.9	11.3
Households with a television set (%)	77	79
Quality		
Telephone faults (per 100 mainlines)	14.5	..
Broadband subscribers (per 100 people)	0.04	2.95
International Internet bandwidth (bits per person)	8	269
Affordability		
Price basket for residential fixed line (\$ a month)	15.7	9.5
Price basket for mobile telephone service (\$ a month)	..	10.4
Price basket for Internet service (\$ a month)	..	12.2
Price of call to United States (\$ for 3 minutes)	2.46	1.21
Institutional efficiency and sustainability		
Telecommunications revenue (% of GDP)	3.1	4.3
Telephone subscribers per employee	244	642
Telecommunications investment (% of revenue)	26.3	..
Applications		
Sector expenditure (% of GDP)	4.6	5.3
E-government readiness index (0–1, 1=most ready)	..	0.49
Secure Internet servers (per million people)	4.0	15.4

Middle East & North Africa

	2000	2006
Economic and social context		
Population (millions)	279	311
Urban population (% of total)	56	57
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,684	2,507
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.5	4.2
Adult literacy rate (% ages 15 and older)	..	73
Gross primary, secondary, and tertiary enrollment (%)	62	70
Sector structure		
Separate telecommunications regulator		
Status of main fixed-line telephone operator		
Level of competition (competition, partial comp., monopoly)		
International long distance service		
Mobile telephone service		
Internet service		
Government prioritization of sector (1–7, 7=highest)	..	..
Sector performance		
Access		
Telephone mainlines (per 100 people)	8.7	16.9
International voice traffic (minutes per person)	16	36
Mobile telephone subscribers (per 100 people)	2.3	35.7
Population covered by mobile telephony (%)	70	84
Internet users (per 100 people)	0.9	13.8
Personal computers (per 100 people)	2.5	5.6
Households with a television set (%)	82	90
Quality		
Telephone faults (per 100 mainlines)	25.0	23.5
Broadband subscribers (per 100 people)	0.00	0.63
International Internet bandwidth (bits per person)	1	126
Affordability		
Price basket for residential fixed line (\$ a month)	8.8	5.2
Price basket for mobile telephone service (\$ a month)	..	6.5
Price basket for Internet service (\$ a month)	..	9.2
Price of call to United States (\$ for 3 minutes)	4.06	1.66
Institutional efficiency and sustainability		
Telecommunications revenue (% of GDP)	1.1	1.5
Telephone subscribers per employee	153	466
Telecommunications investment (% of revenue)	39.2	18.4
Applications		
Sector expenditure (% of GDP)	2.2	2.9
E-government readiness index (0–1, 1=most ready)	..	0.36
Secure Internet servers (per million people)	0.2	0.8

South Asia

	2000	2006
Economic and social context		
Population (millions)	1,359	1,499
Urban population (% of total)	27	29
GNI per capita, <i>World Bank Atlas</i> method (\$)	443	768
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.4	7.0
Adult literacy rate (% ages 15 and older)	..	58
Gross primary, secondary, and tertiary enrollment (%)	53	60
Sector structure		
Separate telecommunications regulator		
Status of main fixed-line telephone operator		
Level of competition (competition, partial comp., monopoly)		
International long distance service		
Mobile telephone service		
Internet service		
Government prioritization of sector (1–7, 7=highest)	..	4.6
Sector performance		
Access		
Telephone mainlines (per 100 people)	2.7	3.3
International voice traffic (minutes per person)	3	..
Mobile telephone subscribers (per 100 people)	0.3	15.3
Population covered by mobile telephony (%)	24	60
Internet users (per 100 people)	0.5	4.9
Personal computers (per 100 people)	0.4	1.4
Households with a television set (%)	20	32
Quality		
Telephone faults (per 100 mainlines)	132.0	..
Broadband subscribers (per 100 people)	0.00	0.18
International Internet bandwidth (bits per person)	1	22
Affordability		
Price basket for residential fixed line (\$ a month)	6.5	4.0
Price basket for mobile telephone service (\$ a month)	..	2.4
Price basket for Internet service (\$ a month)	..	6.6
Price of call to United States (\$ for 3 minutes)	3.48	2.02
Institutional efficiency and sustainability		
Telecommunications revenue (% of GDP)	1.5	2.1
Telephone subscribers per employee	60	433
Telecommunications investment (% of revenue)	25.9	..
Applications		
Sector expenditure (% of GDP)	3.9	6.0
E-government readiness index (0–1, 1=most ready)	..	0.32
Secure Internet servers (per million people)	0.1	0.8

Sub-Saharan Africa

	2000	2006
Economic and social context		
Population (millions)	673	782
Urban population (% of total)	33	36
GNI per capita, <i>World Bank Atlas</i> method (\$)	483	829
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.2	4.7
Adult literacy rate (% ages 15 and older)	..	59
Gross primary, secondary, and tertiary enrollment (%)	43	51
Sector structure		
Separate telecommunications regulator		
Status of main fixed-line telephone operator		
Level of competition (competition, partial comp., monopoly)		
International long distance service		
Mobile telephone service		
Internet service		
Government prioritization of sector (1–7, 7=highest)	..	4.5
Sector performance		
Access		
Telephone mainlines (per 100 people)	1.4	1.0
International voice traffic (minutes per person)	7	..
Mobile telephone subscribers (per 100 people)	1.7	13.5
Population covered by mobile telephony (%)	..	..
Internet users (per 100 people)	0.5	3.8
Personal computers (per 100 people)	0.9	1.8
Households with a television set (%)	12	14
Quality		
Telephone faults (per 100 mainlines)	60.8	..
Broadband subscribers (per 100 people)	0.00	0.03
International Internet bandwidth (bits per person)	1	5
Affordability		
Price basket for residential fixed line (\$ a month)	8.4	11.6
Price basket for mobile telephone service (\$ a month)	..	12.3
Price basket for Internet service (\$ a month)	..	15.9
Price of call to United States (\$ for 3 minutes)	5.88	2.43
Institutional efficiency and sustainability		
Telecommunications revenue (% of GDP)	2.4	3.2
Telephone subscribers per employee	73	586
Telecommunications investment (% of revenue)	32.5	..
Applications		
Sector expenditure (% of GDP)	..	..
E-government readiness index (0–1, 1=most ready)	..	0.25
Secure Internet servers (per million people)	..	2.5

Income group tables

For operational and analytical purposes the World Bank's main criterion for classifying economies is gross national income (GNI) per capita. Every economy in *The Little Data Book on Information and Communication Technology* is classified as low income, middle income, or high income. Low- and middle-income economies are sometimes referred to as developing economies. The use of the term is convenient; it is not intended to imply that all economies in the group are experiencing similar development or that other economies have reached a preferred or final stage of development. Classification by income does not necessarily reflect development status.

Low-income economies are those with a GNI per capita of \$905 or less in 2006.

Middle-income economies are those with a GNI per capita of more than \$905 but less than \$11,116. Lower-middle-income and upper-middle-income economies are separated at a GNI per capita of \$3,595.

High-income economies are those with a GNI per capita of \$11,116 or more.

Euro area includes the member states of the Economic and Monetary Union of the European Union that have adopted the euro as their currency: Austria, Belgium, Cyprus, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Malta, Netherlands, Portugal, Slovenia, and Spain.

Low income

	2000	2006
Economic and social context		
Population (millions)	2,161	2,420
Urban population (% of total)	28	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	381	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.0	6.5
Adult literacy rate (% ages 15 and older)	..	61
Gross primary, secondary, and tertiary enrollment (%)	50	57
Sector structure		
Separate telecommunications regulator		
Status of main fixed-line telephone operator		
Level of competition (competition, partial comp., monopoly)		
International long distance service		
Mobile telephone service		
Internet service		
Government prioritization of sector (1–7, 7=highest)	..	..
Sector performance		
Access		
Telephone mainlines (per 100 people)	2.1	2.5
International voice traffic (minutes per person)	4	..
Mobile telephone subscribers (per 100 people)	0.4	14.3
Population covered by mobile telephony (%)	..	40
Internet users (per 100 people)	0.3	4.2
Personal computers (per 100 people)	0.4	1.4
Households with a television set (%)	13	16
Quality		
Telephone faults (per 100 mainlines)	80.0	..
Broadband subscribers (per 100 people)	0.00	0.18
International Internet bandwidth (bits per person)	1	22
Affordability		
Price basket for residential fixed line (\$ a month)	8.4	6.1
Price basket for mobile telephone service (\$ a month)	..	10.0
Price basket for Internet service (\$ a month)	..	12.0
Price of call to United States (\$ for 3 minutes)	5.93	1.99
Institutional efficiency and sustainability		
Telecommunications revenue (% of GDP)	3.0	4.0
Telephone subscribers per employee	56	141
Telecommunications investment (% of revenue)	27.4	..
Applications		
Sector expenditure (% of GDP)	3.8	6.1
E-government readiness index (0–1, 1=most ready)	..	0.24
Secure Internet servers (per million people)	0.1	0.6

Middle income

	2000	2006
Economic and social context		
Population (millions)	2,928	3,088
Urban population (% of total)	51	55
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,725	3,053
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.0	5.6
Adult literacy rate (% ages 15 and older)	..	90
Gross primary, secondary, and tertiary enrollment (%)	70	72
Sector structure		
Separate telecommunications regulator		
Status of main fixed-line telephone operator		
Level of competition (competition, partial comp., monopoly)		
International long distance service		
Mobile telephone service		
Internet service		
Government prioritization of sector (1–7, 7=highest)	..	4.4
Sector performance		
Access		
Telephone mainlines (per 100 people)	12.6	21.6
International voice traffic (minutes per person)	16	31
Mobile telephone subscribers (per 100 people)	7.5	44.1
Population covered by mobile telephony (%)	..	..
Internet users (per 100 people)	2.4	14.1
Personal computers (per 100 people)	2.9	6.6
Households with a television set (%)	82	89
Quality		
Telephone faults (per 100 mainlines)	28.3	8.2
Broadband subscribers (per 100 people)	0.01	3.33
International Internet bandwidth (bits per person)	5	144
Affordability		
Price basket for residential fixed line (\$ a month)	10.1	9.2
Price basket for mobile telephone service (\$ a month)	..	10.2
Price basket for Internet service (\$ a month)	..	11.2
Price of call to United States (\$ for 3 minutes)	3.05	1.65
Institutional efficiency and sustainability		
Telecommunications revenue (% of GDP)	1.6	2.1
Telephone subscribers per employee	186	586
Telecommunications investment (% of revenue)	26.9	21.0
Applications		
Sector expenditure (% of GDP)	4.4	5.1
E-government readiness index (0–1, 1=most ready)	..	0.48
Secure Internet servers (per million people)	1.6	6.8

Lower middle income

	2000	2006
Economic and social context		
Population (millions)	2,153	2,276
Urban population (% of total)	43	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,055	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.3	7.6
Adult literacy rate (% ages 15 and older)	..	89
Gross primary, secondary, and tertiary enrollment (%)	68	71
Sector structure		
Separate telecommunications regulator		
Status of main fixed-line telephone operator		
Level of competition (competition, partial comp., monopoly)		
International long distance service		
Mobile telephone service		
Internet service		
Government prioritization of sector (1–7, 7=highest)	..	4.3
Sector performance		
Access		
Telephone mainlines (per 100 people)	10.0	21.6
International voice traffic (minutes per person)	10	21
Mobile telephone subscribers (per 100 people)	5.3	38.1
Population covered by mobile telephony (%)	..	..
Internet users (per 100 people)	1.6	11.4
Personal computers (per 100 people)	1.8	4.3
Households with a television set (%)	75	80
Quality		
Telephone faults (per 100 mainlines)	31.2	22.0
Broadband subscribers (per 100 people)	0.00	3.23
International Internet bandwidth (bits per person)	2	189
Affordability		
Price basket for residential fixed line (\$ a month)	8.2	8.2
Price basket for mobile telephone service (\$ a month)	..	9.8
Price basket for Internet service (\$ a month)	..	10.0
Price of call to United States (\$ for 3 minutes)	3.33	2.08
Institutional efficiency and sustainability		
Telecommunications revenue (% of GDP)	1.5	2.1
Telephone subscribers per employee	125	599
Telecommunications investment (% of revenue)	28.4	27.1
Applications		
Sector expenditure (% of GDP)	3.8	5.0
E-government readiness index (0–1, 1=most ready)	..	0.45
Secure Internet servers (per million people)	0.3	1.6

Upper middle income

	2000	2006
Economic and social context		
Population (millions)	775	811
Urban population (% of total)	73	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,588	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.0	3.9
Adult literacy rate (% ages 15 and older)	..	93
Gross primary, secondary, and tertiary enrollment (%)	80	82
Sector structure		
Separate telecommunications regulator		
Status of main fixed-line telephone operator		
Level of competition (competition, partial comp., monopoly)		
International long distance service		
Mobile telephone service		
Internet service		
Government prioritization of sector (1–7, 7=highest)	..	4.4
Sector performance		
Access		
Telephone mainlines (per 100 people)	19.7	21.6
International voice traffic (minutes per person)	37	..
Mobile telephone subscribers (per 100 people)	13.7	66.0
Population covered by mobile telephony (%)	..	95
Internet users (per 100 people)	4.7	22.2
Personal computers (per 100 people)	5.9	13.3
Households with a television set (%)	89	93
Quality		
Telephone faults (per 100 mainlines)	27.0	7.5
Broadband subscribers (per 100 people)	0.02	3.57
International Internet bandwidth (bits per person)	14	242
Affordability		
Price basket for residential fixed line (\$ a month)	12.8	11.4
Price basket for mobile telephone service (\$ a month)	..	10.9
Price basket for Internet service (\$ a month)	..	11.7
Price of call to United States (\$ for 3 minutes)	2.55	1.06
Institutional efficiency and sustainability		
Telecommunications revenue (% of GDP)	3.4	3.6
Telephone subscribers per employee	247	594
Telecommunications investment (% of revenue)	25.5	..
Applications		
Sector expenditure (% of GDP)	4.8	5.2
E-government readiness index (0–1, 1=most ready)	..	0.54
Secure Internet servers (per million people)	5.1	21.1

Low and middle income

	2000	2006
Economic and social context		
Population (millions)	5,089	5,507
Urban population (% of total)	41	44
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,154	1,997
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.1	5.7
Adult literacy rate (% ages 15 and older)	..	79
Gross primary, secondary, and tertiary enrollment (%)	61	65
Sector structure		
Separate telecommunications regulator		
Status of main fixed-line telephone operator		
Level of competition (competition, partial comp., monopoly)		
International long distance service		
Mobile telephone service		
Internet service		
Government prioritization of sector (1–7, 7=highest)	..	4.5
Sector performance		
Access		
Telephone mainlines (per 100 people)	8.1	13.4
International voice traffic (minutes per person)	11	..
Mobile telephone subscribers (per 100 people)	4.5	30.9
Population covered by mobile telephony (%)	..	..
Internet users (per 100 people)	1.6	8.0
Personal computers (per 100 people)	1.9	4.3
Households with a television set (%)	52	60
Quality		
Telephone faults (per 100 mainlines)	48.0	..
Broadband subscribers (per 100 people)	0.00	2.04
International Internet bandwidth (bits per person)	3	143
Affordability		
Price basket for residential fixed line (\$ a month)	9.3	8.7
Price basket for mobile telephone service (\$ a month)	..	10.0
Price basket for Internet service (\$ a month)	..	11.7
Price of call to United States (\$ for 3 minutes)	3.97	1.81
Institutional efficiency and sustainability		
Telecommunications revenue (% of GDP)	1.9	2.5
Telephone subscribers per employee	103	492
Telecommunications investment (% of revenue)	26.9	..
Applications		
Sector expenditure (% of GDP)	4.3	5.2
E-government readiness index (0–1, 1=most ready)	..	0.38
Secure Internet servers (per million people)	1.0	4.1

	2000	2006
Economic and social context		
Population (millions)	306	317
Urban population (% of total)	73	73
GNI per capita, <i>World Bank Atlas</i> method (\$)	22,314	34,307
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.8	1.5
Adult literacy rate (% ages 15 and older)	..	..
Gross primary, secondary, and tertiary enrollment (%)	..	..
Sector structure		
Separate telecommunications regulator		
Status of main fixed-line telephone operator		
Level of competition (competition, partial comp., monopoly)		
International long distance service		
Mobile telephone service		
Internet service		
Government prioritization of sector (1–7, 7=highest)	..	5.0
Sector performance		
Access		
Telephone mainlines (per 100 people)	53.5	54.2
International voice traffic (minutes per person)	194	..
Mobile telephone subscribers (per 100 people)	61.1	98.7
Population covered by mobile telephony (%)	99	99
Internet users (per 100 people)	23.0	47.9
Personal computers (per 100 people)	26.3	47.6
Households with a television set (%)	96	98
Quality		
Telephone faults (per 100 mainlines)	9.6	8.3
Broadband subscribers (per 100 people)	0.42	17.33
International Internet bandwidth (bits per person)	844	4,830
Affordability		
Price basket for residential fixed line (\$ a month)	18.4	28.8
Price basket for mobile telephone service (\$ a month)	..	20.5
Price basket for Internet service (\$ a month)	..	20.7
Price of call to United States (\$ for 3 minutes)	0.81	0.73
Institutional efficiency and sustainability		
Telecommunications revenue (% of GDP)	2.3	3.3
Telephone subscribers per employee	430	638
Telecommunications investment (% of revenue)	..	..
Applications		
Sector expenditure (% of GDP)	5.6	5.4
E-government readiness index (0–1, 1=most ready)	..	0.72
Secure Internet servers (per million people)	38.7	263.0

High income

	2000	2006
Economic and social context		
Population (millions)	988	1,031
Urban population (% of total)	76	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	26,365	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.0	2.3
Adult literacy rate (% ages 15 and older)	..	99
Gross primary, secondary, and tertiary enrollment (%)	90	92
Sector structure		
Separate telecommunications regulator		
Status of main fixed-line telephone operator		
Level of competition (competition, partial comp., monopoly)		
International long distance service		
Mobile telephone service		
Internet service		
Government prioritization of sector (1–7, 7=highest)	..	5.1
Sector performance		
Access		
Telephone mainlines (per 100 people)	57.0	52.7
International voice traffic (minutes per person)	170	204
Mobile telephone subscribers (per 100 people)	51.7	90.1
Population covered by mobile telephony (%)	99	99
Internet users (per 100 people)	31.6	59.3
Personal computers (per 100 people)	38.2	56.7
Households with a television set (%)	97	98
Quality		
Telephone faults (per 100 mainlines)	6.2	5.8
Broadband subscribers (per 100 people)	1.64	19.20
International Internet bandwidth (bits per person)	595	4,346
Affordability		
Price basket for residential fixed line (\$ a month)	16.0	26.6
Price basket for mobile telephone service (\$ a month)	..	17.0
Price basket for Internet service (\$ a month)	..	13.7
Price of call to United States (\$ for 3 minutes)	0.96	0.77
Institutional efficiency and sustainability		
Telecommunications revenue (% of GDP)	3.4	4.4
Telephone subscribers per employee	384	641
Telecommunications investment (% of revenue)	26.8	16.1
Applications		
Sector expenditure (% of GDP)	7.9	7.2
E-government readiness index (0–1, 1=most ready)	..	0.74
Secure Internet servers (per million people)	117.1	569.4

Country tables

China

Unless otherwise noted, data for China do not include data for Hong Kong, China; Macao, China; or Taiwan, China.

Serbia and Montenegro

Montenegro declared independence from Serbia and Montenegro on June 3, 2006. Where available, data for each country are shown separately. However, some indicators for Serbia prior to 2006 include data for Montenegro. Moreover, data for most indicators from 1999 onward for Serbia exclude data for Kosovo and Metohija.

Afghanistan

South Asia

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	..	..	2,420
Urban population (% of total)	21	23	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	..	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	..	10.7	6.5
Adult literacy rate (% ages 15 and older)	28	..	61
Gross primary, secondary, and tertiary enrollment (%)	12	43	57
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	P	
Mobile telephone service	..	P	
Internet service	..	P	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.1	0.6	2.5
International voice traffic (minutes per person)	..	1	..
Mobile telephone subscribers (per 100 people)	0.1	9.7	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.0	2.1	4.2
Personal computers (per 100 people)	..	0.4	1.4
Households with a television set (%)	6	6	16
Quality			
Telephone faults (per 100 mainlines)	..	25.0	..
Broadband subscribers (per 100 people)	..	0.00	0.18
International Internet bandwidth (bits per person)	..	0	22
Affordability			
Price basket for residential fixed line (\$ a month)	..	0.1	6.1
Price basket for mobile telephone service (\$ a month)	..	10.8	10.0
Price basket for Internet service (\$ a month)	..	..	12.0
Price of call to United States (\$ for 3 minutes)	..	0.39	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.1	5.1	4.0
Telephone subscribers per employee	..	60	141
Telecommunications investment (% of revenue)	..	37.8	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.20	0.24
Secure Internet servers (per million people)	..	0.2	0.6

Europe & Central Asia		Lower middle income	
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	3	3	2,276
Urban population (% of total)	42	46	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,170	2,930	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.2	5.3	7.6
Adult literacy rate (% ages 15 and older)	99	..	89
Gross primary, secondary, and tertiary enrollment (%)	68	69	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	P	
Mobile telephone service	C	P	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	3.9	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	5.0	11.2	21.6
International voice traffic (minutes per person)	73	160	21
Mobile telephone subscribers (per 100 people)	1.0	48.5	38.1
Population covered by mobile telephony (%)	84	97	..
Internet users (per 100 people)	0.1	14.9	11.4
Personal computers (per 100 people)	0.8	1.7	4.3
Households with a television set (%)	90	90	80
Quality			
Telephone faults (per 100 mainlines)	70.2	..	22.0
Broadband subscribers (per 100 people)	..	0.01	3.23
International Internet bandwidth (bits per person)	4	4	189
Affordability			
Price basket for residential fixed line (\$ a month)	3.0	5.1	8.2
Price basket for mobile telephone service (\$ a month)	..	22.1	9.8
Price basket for Internet service (\$ a month)	..	16.3	10.0
Price of call to United States (\$ for 3 minutes)	4.59	1.34	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.8	6.0	2.1
Telephone subscribers per employee	40	623	599
Telecommunications investment (% of revenue)	28.4	19.0	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.47	0.45
Secure Internet servers (per million people)	0.3	2.5	1.6

Algeria

Middle East & North Africa

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006

Economic and social context

Population (millions)	31	33	2,276
Urban population (% of total)	60	64	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,610	3,030	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.2	5.0	7.6
Adult literacy rate (% ages 15 and older)	70	..	89
Gross primary, secondary, and tertiary enrollment (%)	68	74	71

Sector structure

Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	P	
Mobile telephone service	M	P	
Internet service	..	C	
Government prioritization of sector (1–7, 7=highest)	..	5.1	4.3

Sector performance

Access

Telephone mainlines (per 100 people)	5.8	8.5	21.6
International voice traffic (minutes per person)	27	17	21
Mobile telephone subscribers (per 100 people)	0.3	63.0	38.1
Population covered by mobile telephony (%)	60	75	..
Internet users (per 100 people)	0.5	7.4	11.4
Personal computers (per 100 people)	0.7	1.1	4.3
Households with a television set (%)	79	90	80

Quality

Telephone faults (per 100 mainlines)	12.0	0.8	22.0
Broadband subscribers (per 100 people)	..	0.59	3.23
International Internet bandwidth (bits per person)	0	5	189

Affordability

Price basket for residential fixed line (\$ a month)	4.5	6.3	8.2
Price basket for mobile telephone service (\$ a month)	..	7.5	9.8
Price basket for Internet service (\$ a month)	..	9.3	10.0
Price of call to United States (\$ for 3 minutes)	3.67	2.08	2.08

Institutional efficiency and sustainability

Telecommunications revenue (% of GDP)	0.6	4.7	2.1
Telephone subscribers per employee	103	302	599
Telecommunications investment (% of revenue)	23.9	..	27.1

Applications

Sector expenditure (% of GDP)	2.1	2.4	5.0
E-government readiness index (0–1, 1=most ready)	..	0.35	0.45
Secure Internet servers (per million people)	..	0.2	1.6

American Samoa

East Asia & Pacific		Upper middle income	
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	..	0.06	811
Urban population (% of total)	89	92	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.9
Adult literacy rate (% ages 15 and older)	93
Gross primary, secondary, and tertiary enrollment (%)	82
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	
Level of competition (competition, partial comp., monopoly)			
International long distance service	
Mobile telephone service	
Internet service	
Government prioritization of sector (1–7, 7=highest)	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	..	18.2	21.6
International voice traffic (minutes per person)
Mobile telephone subscribers (per 100 people)	..	3.9	66.0
Population covered by mobile telephony (%)	95
Internet users (per 100 people)	22.2
Personal computers (per 100 people)	13.3
Households with a television set (%)	93
Quality			
Telephone faults (per 100 mainlines)	7.5
Broadband subscribers (per 100 people)	3.57
International Internet bandwidth (bits per person)	242
Affordability			
Price basket for residential fixed line (\$ a month)	10.1	..	11.4
Price basket for mobile telephone service (\$ a month)	10.9
Price basket for Internet service (\$ a month)	11.7
Price of call to United States (\$ for 3 minutes)	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.6
Telephone subscribers per employee	82	..	594
Telecommunications investment (% of revenue)
Applications			
Sector expenditure (% of GDP)	5.2
E-government readiness index (0–1, 1=most ready)	0.54
Secure Internet servers (per million people)	..	66.5	21.1

Andorra

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	..	0.07	1,031
Urban population (% of total)	92	90	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.3
Adult literacy rate (% ages 15 and older)	99
Gross primary, secondary, and tertiary enrollment (%)	65	63	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>M</i>	<i>M</i>	
Internet service	..	<i>M</i>	
Government prioritization of sector (1–7, 7=highest)	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	..	53.5	52.7
International voice traffic (minutes per person)	204
Mobile telephone subscribers (per 100 people)	..	97.5	90.1
Population covered by mobile telephony (%)	99
Internet users (per 100 people)	..	33.1	59.3
Personal computers (per 100 people)	56.7
Households with a television set (%)	98
Quality			
Telephone faults (per 100 mainlines)	5.8
Broadband subscribers (per 100 people)	..	15.62	19.20
International Internet bandwidth (bits per person)	..	6,344	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	26.6
Price basket for mobile telephone service (\$ a month)	..	15.0	17.0
Price basket for Internet service (\$ a month)	13.7
Price of call to United States (\$ for 3 minutes)	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.4
Telephone subscribers per employee	641
Telecommunications investment (% of revenue)	16.1
Applications			
Sector expenditure (% of GDP)	7.2
E-government readiness index (0–1, 1=most ready)	..	0.52	0.74
Secure Internet servers (per million people)	..	523.2	569.4

Sub-Saharan Africa

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	14	17	2,276
Urban population (% of total)	50	54	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	420	1,970	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	6.3	11.5	7.6
Adult literacy rate (% ages 15 and older)	67	..	89
Gross primary, secondary, and tertiary enrollment (%)	26	..	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	P	P	
Internet service	P	C	
Government prioritization of sector (1–7, 7=highest)	..	3.6	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.5	0.6	21.6
International voice traffic (minutes per person)	5	..	21
Mobile telephone subscribers (per 100 people)	0.2	13.7	38.1
Population covered by mobile telephony (%)	..	..	..
Internet users (per 100 people)	0.1	0.5	11.4
Personal computers (per 100 people)	0.1	0.7	4.3
Households with a television set (%)	9	9	80
Quality			
Telephone faults (per 100 mainlines)	36.9	..	22.0
Broadband subscribers (per 100 people)	..	..	3.23
International Internet bandwidth (bits per person)	0	12	189
Affordability			
Price basket for residential fixed line (\$ a month)	11.9	..	8.2
Price basket for mobile telephone service (\$ a month)	..	12.2	9.8
Price basket for Internet service (\$ a month)	..	0.2	10.0
Price of call to United States (\$ for 3 minutes)	9.32	3.23	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.2	2.0	2.1
Telephone subscribers per employee	43	586	599
Telecommunications investment (% of revenue)	..	25.3	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.33	0.45
Secure Internet servers (per million people)	..	1.1	1.6

Antigua and Barbuda

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.08	0.08	1,031
Urban population (% of total)	37	40	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	8,100	11,050	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.6	5.1	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	..	..	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	<i>M</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	49.9	47.6	52.7
International voice traffic (minutes per person)	641	596	204
Mobile telephone subscribers (per 100 people)	28.7	121.3	90.1
Population covered by mobile telephony (%)	85	100	99
Internet users (per 100 people)	6.5	38.1	59.3
Personal computers (per 100 people)	10.2	14.6	56.7
Households with a television set (%)	89	98	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	..	6.89	19.20
International Internet bandwidth (bits per person)	358	16,588	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	..	13.5	26.6
Price basket for mobile telephone service (\$ a month)	..	12.3	17.0
Price basket for Internet service (\$ a month)	..	22.0	13.7
Price of call to United States (\$ for 3 minutes)	..	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	4.4
Telephone subscribers per employee	128	..	641
Telecommunications investment (% of revenue)	..	..	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	0.45	0.74
Secure Internet servers (per million people)	242.7	801.8	569.4

Argentina

Latin America & Caribbean

Upper middle income

	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	37	39	811
Urban population (% of total)	89	90	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	7,470	5,150	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.7	3.6	3.9
Adult literacy rate (% ages 15 and older)	97	..	93
Gross primary, secondary, and tertiary enrollment (%)	92	90	82
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	P	C	
Mobile telephone service	P	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	3.7	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	21.4	24.2	21.6
International voice traffic (minutes per person)	25	33	..
Mobile telephone subscribers (per 100 people)	17.6	80.5	66.0
Population covered by mobile telephony (%)	..	..	95
Internet users (per 100 people)	7.0	20.9	22.2
Personal computers (per 100 people)	6.9	9.0	13.3
Households with a television set (%)	95	97	93
Quality			
Telephone faults (per 100 mainlines)	..	..	7.5
Broadband subscribers (per 100 people)	0.23	4.01	3.57
International Internet bandwidth (bits per person)	12	690	242
Affordability			
Price basket for residential fixed line (\$ a month)	20.0	6.8	11.4
Price basket for mobile telephone service (\$ a month)	..	7.8	10.9
Price basket for Internet service (\$ a month)	..	5.4	11.7
Price of call to United States (\$ for 3 minutes)	2.77	..	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.3	3.4	3.6
Telephone subscribers per employee	700	972	594
Telecommunications investment (% of revenue)	20.1	..	..
Applications			
Sector expenditure (% of GDP)	4.3	6.9	5.2
E-government readiness index (0–1, 1=most ready)	..	0.58	0.54
Secure Internet servers (per million people)	6.4	15.6	21.1

Armenia

Europe & Central Asia	Lower middle income		
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	3	3	2,276
Urban population (% of total)	65	64	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	660	1,920	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.1	12.5	7.6
Adult literacy rate (% ages 15 and older)	99	..	89
Gross primary, secondary, and tertiary enrollment (%)	72	71	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>M</i>	<i>P</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.5	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	17.3	19.7	21.6
International voice traffic (minutes per person)	40	128	21
Mobile telephone subscribers (per 100 people)	0.6	10.5	38.1
Population covered by mobile telephony (%)	38	88	..
Internet users (per 100 people)	1.3	5.7	11.4
Personal computers (per 100 people)	0.8	9.8	4.3
Households with a television set (%)	89	91	80
Quality			
Telephone faults (per 100 mainlines)	55.5	64.4	22.0
Broadband subscribers (per 100 people)	0.00	0.07	3.23
International Internet bandwidth (bits per person)	3	22	189
Affordability			
Price basket for residential fixed line (\$ a month)	8.1	2.4	8.2
Price basket for mobile telephone service (\$ a month)	..	8.7	9.8
Price basket for Internet service (\$ a month)	..	56.6	10.0
Price of call to United States (\$ for 3 minutes)	5.34	2.42	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.0	3.0	2.1
Telephone subscribers per employee	71	173	599
Telecommunications investment (% of revenue)	46.3	23.6	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.42	0.45
Secure Internet servers (per million people)	0.3	4.3	1.6

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	..	0.10	1,031
Urban population (% of total)	47	47	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	..	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.4	–0.8	2.3
Adult literacy rate (% ages 15 and older)	97	..	99
Gross primary, secondary, and tertiary enrollment (%)	87	86	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	..	..
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	..	38.1	52.7
International voice traffic (minutes per person)	..	..	204
Mobile telephone subscribers (per 100 people)	..	107.9	90.1
Population covered by mobile telephony (%)	..	90	99
Internet users (per 100 people)	..	23.9	59.3
Personal computers (per 100 people)	..	7.9	56.7
Households with a television set (%)	76	76	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	..	12.24	19.20
International Internet bandwidth (bits per person)	..	1,795	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	..	16.0	26.6
Price basket for mobile telephone service (\$ a month)	..	12.4	17.0
Price basket for Internet service (\$ a month)	..	..	13.7
Price of call to United States (\$ for 3 minutes)	2.90	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.8	..	4.4
Telephone subscribers per employee	130	..	641
Telecommunications investment (% of revenue)	..	..	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	..	0.74
Secure Internet servers (per million people)	..	386.5	569.4

Australia

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	19	21	1,031
Urban population (% of total)	87	88	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	20,720	35,860	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.1	3.2	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	113	113	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.8	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	52.5	48.0	52.7
International voice traffic (minutes per person)	225	..	204
Mobile telephone subscribers (per 100 people)	44.7	95.5	90.1
Population covered by mobile telephony (%)	96	98	99
Internet users (per 100 people)	34.5	73.9	59.3
Personal computers (per 100 people)	47.0	75.7	56.7
Households with a television set (%)	97	99	98
Quality			
Telephone faults (per 100 mainlines)	8.3	12.0	5.8
Broadband subscribers (per 100 people)	0.63	18.84	19.20
International Internet bandwidth (bits per person)	128	11,593	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	17.4	30.5	26.6
Price basket for mobile telephone service (\$ a month)	..	18.2	17.0
Price basket for Internet service (\$ a month)	..	22.5	13.7
Price of call to United States (\$ for 3 minutes)	0.67	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.0	3.6	4.4
Telephone subscribers per employee	248	317	641
Telecommunications investment (% of revenue)	30.9	16.7	16.1
Applications			
Sector expenditure (% of GDP)	6.7	6.4	7.2
E-government readiness index (0–1, 1=most ready)	..	0.81	0.74
Secure Internet servers (per million people)	176.3	813.2	569.4

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	8	8	1,031
Urban population (% of total)	66	66	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	26,010	39,750	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.9	1.7	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	91	92	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>C</i>	<i>C</i>	
Mobile telephone service	<i>P</i>	<i>P</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	5.1	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	49.9	43.0	52.7
International voice traffic (minutes per person)	303	265	204
Mobile telephone subscribers (per 100 people)	76.4	111.8	90.1
Population covered by mobile telephony (%)	98	99	99
Internet users (per 100 people)	33.7	50.7	59.3
Personal computers (per 100 people)	36.2	60.7	56.7
Households with a television set (%)	97	98	98
Quality			
Telephone faults (per 100 mainlines)	5.4	5.7	5.8
Broadband subscribers (per 100 people)	2.38	17.24	19.20
International Internet bandwidth (bits per person)	1,034	6,634	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	23.3	29.0	26.6
Price basket for mobile telephone service (\$ a month)	..	23.2	17.0
Price basket for Internet service (\$ a month)	..	15.7	13.7
Price of call to United States (\$ for 3 minutes)	1.19	0.71	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.3	2.3	4.4
Telephone subscribers per employee	545	642	641
Telecommunications investment (% of revenue)	18.8	11.2	16.1
Applications			
Sector expenditure (% of GDP)	5.9	5.5	7.2
E-government readiness index (0–1, 1=most ready)	..	0.74	0.74
Secure Internet servers (per million people)	83.2	400.2	569.4

Azerbaijan

Europe & Central Asia		Lower middle income	
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	8	8	2,276
Urban population (% of total)	51	52	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	610	1,840	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	7.3	15.6	7.6
Adult literacy rate (% ages 15 and older)	99	..	89
Gross primary, secondary, and tertiary enrollment (%)	66	67	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	P	
Mobile telephone service	<i>C</i>	P	
Internet service	..	C	
Government prioritization of sector (1–7, 7=highest)	..	5.1	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	10.0	14.0	21.6
International voice traffic (minutes per person)	12	33	21
Mobile telephone subscribers (per 100 people)	5.2	39.2	38.1
Population covered by mobile telephony (%)	94	99	..
Internet users (per 100 people)	0.1	9.8	11.4
Personal computers (per 100 people)	0.7	2.3	4.3
Households with a television set (%)	99	99	80
Quality			
Telephone faults (per 100 mainlines)	52.0	48.1	22.0
Broadband subscribers (per 100 people)	..	0.03	3.23
International Internet bandwidth (bits per person)	0	36	189
Affordability			
Price basket for residential fixed line (\$ a month)	17.6	5.3	8.2
Price basket for mobile telephone service (\$ a month)	..	15.1	9.8
Price basket for Internet service (\$ a month)	..	10.0	10.0
Price of call to United States (\$ for 3 minutes)	7.10	4.18	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.6	1.3	2.1
Telephone subscribers per employee	123	229	599
Telecommunications investment (% of revenue)	30.8	18.7	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.46	0.45
Secure Internet servers (per million people)	0.1	0.6	1.6

Bahamas, The

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.30	0.33	1,031
Urban population (% of total)	89	91	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	15,290	..	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.2	..	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	66	71	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	P	
Mobile telephone service	M	M	
Internet service	M	C	
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	37.7	41.2	52.7
International voice traffic (minutes per person)	620	585	204
Mobile telephone subscribers (per 100 people)	10.4	70.5	90.1
Population covered by mobile telephony (%)	95	95	99
Internet users (per 100 people)	4.3	31.9	59.3
Personal computers (per 100 people)	9.0	12.4	56.7
Households with a television set (%)	82	93	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	1.35	4.14	19.20
International Internet bandwidth (bits per person)	146	278	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	26.6
Price basket for mobile telephone service (\$ a month)	..	9.5	17.0
Price basket for Internet service (\$ a month)	..	25.0	13.7
Price of call to United States (\$ for 3 minutes)	2.40	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	4.4
Telephone subscribers per employee	132	301	641
Telecommunications investment (% of revenue)	..	..	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	0.49	0.74
Secure Internet servers (per million people)	71.6	181.2	569.4

Bahrain

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.65	0.74	1,031
Urban population (% of total)	95	97	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	10,740	19,350	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.3	6.1	2.3
Adult literacy rate (% ages 15 and older)	87	..	99
Gross primary, secondary, and tertiary enrollment (%)	81	86	92
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Mixed	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	M	P	
Internet service	M	C	
Government prioritization of sector (1–7, 7=highest)	..	5.1	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	26.3	26.2	52.7
International voice traffic (minutes per person)	408	587	204
Mobile telephone subscribers (per 100 people)	31.6	121.6	90.1
Population covered by mobile telephony (%)	100	100	99
Internet users (per 100 people)	6.2	21.3	59.3
Personal computers (per 100 people)	14.6	17.7	56.7
Households with a television set (%)	97	95	98
Quality			
Telephone faults (per 100 mainlines)	15.0	..	5.8
Broadband subscribers (per 100 people)	0.18	5.23	19.20
International Internet bandwidth (bits per person)	293	564	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	7.2	5.7	26.6
Price basket for mobile telephone service (\$ a month)	..	6.6	17.0
Price basket for Internet service (\$ a month)	..	7.9	13.7
Price of call to United States (\$ for 3 minutes)	3.39	1.74	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.9	3.5	4.4
Telephone subscribers per employee	180	438	641
Telecommunications investment (% of revenue)	21.4	11.3	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	0.57	0.74
Secure Internet servers (per million people)	16.5	55.8	569.4

Bangladesh

South Asia

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	139	156	2,420
Urban population (% of total)	23	26	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	360	450	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.2	5.6	6.5
Adult literacy rate (% ages 15 and older)	47	..	61
Gross primary, secondary, and tertiary enrollment (%)	58	56	57
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	C	C	
Internet service	..	C	
Government prioritization of sector (1–7, 7=highest)	..	4.5	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.4	0.7	2.5
International voice traffic (minutes per person)	2	6	..
Mobile telephone subscribers (per 100 people)	0.2	12.3	14.3
Population covered by mobile telephony (%)	40	90	40
Internet users (per 100 people)	0.1	0.3	4.2
Personal computers (per 100 people)	0.1	2.2	1.4
Households with a television set (%)	18	23	16
Quality			
Telephone faults (per 100 mainlines)	..	..	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	8	22
Affordability			
Price basket for residential fixed line (\$ a month)	10.7	4.0	6.1
Price basket for mobile telephone service (\$ a month)	..	2.6	10.0
Price basket for Internet service (\$ a month)	..	24.0	12.0
Price of call to United States (\$ for 3 minutes)	4.14	2.02	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	0.8	1.5	4.0
Telephone subscribers per employee	48	..	141
Telecommunications investment (% of revenue)	25.1	..	..
Applications			
Sector expenditure (% of GDP)	2.0	2.7	6.1
E-government readiness index (0–1, 1=most ready)	..	0.29	0.24
Secure Internet servers (per million people)	0.0	0.0	0.6

Barbados

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.29	0.29	1,031
Urban population (% of total)	50	53	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	8,480	..	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.7	..	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	88	..	92
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Private	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	P	
Mobile telephone service	C	P	
Internet service	..	P	
Government prioritization of sector (1–7, 7=highest)	..	4.9	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	43.2	46.2	52.7
International voice traffic (minutes per person)	466	565	204
Mobile telephone subscribers (per 100 people)	9.9	70.6	90.1
Population covered by mobile telephony (%)	95	100	99
Internet users (per 100 people)	3.5	54.8	59.3
Personal computers (per 100 people)	7.7	13.7	56.7
Households with a television set (%)	75	93	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	..	10.94	19.20
International Internet bandwidth (bits per person)	..	2,055	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	16.3	17.8	26.6
Price basket for mobile telephone service (\$ a month)	..	11.3	17.0
Price basket for Internet service (\$ a month)	..	25.6	13.7
Price of call to United States (\$ for 3 minutes)	4.05	1.95	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	6.6	5.2	4.4
Telephone subscribers per employee	172	365	641
Telecommunications investment (% of revenue)	15.8	16.4	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	0.57	0.74
Secure Internet servers (per million people)	48.7	234.7	569.4

Belarus

Europe & Central Asia

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	10	10	2,276
Urban population (% of total)	70	73	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,380	3,470	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	6.7	8.1	7.6
Adult literacy rate (% ages 15 and older)	100	..	89
Gross primary, secondary, and tertiary enrollment (%)	87	89	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	..	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	27.5	34.6	21.6
International voice traffic (minutes per person)	39	64	21
Mobile telephone subscribers (per 100 people)	0.5	61.2	38.1
Population covered by mobile telephony (%)	62	93	..
Internet users (per 100 people)	1.9	56.3	11.4
Personal computers (per 100 people)	..	0.8	4.3
Households with a television set (%)	87	97	80
Quality			
Telephone faults (per 100 mainlines)	28.3	23.1	22.0
Broadband subscribers (per 100 people)	0.00	0.12	3.23
International Internet bandwidth (bits per person)	2	192	189
Affordability			
Price basket for residential fixed line (\$ a month)	1.2	1.6	8.2
Price basket for mobile telephone service (\$ a month)	..	11.8	9.8
Price basket for Internet service (\$ a month)	..	10.5	10.0
Price of call to United States (\$ for 3 minutes)	3.28	1.90	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.5	2.1	2.1
Telephone subscribers per employee	105	280	599
Telecommunications investment (% of revenue)	28.8	41.3	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.52	0.45
Secure Internet servers (per million people)	0.4	1.1	1.6

Belgium

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	10	11	1,031
Urban population (% of total)	97	97	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	25,360	38,460	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.7	1.7	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	107	95	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>C</i>	<i>C</i>	
Mobile telephone service	<i>P</i>	<i>P</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.8	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	49.1	44.8	52.7
International voice traffic (minutes per person)	316	..	204
Mobile telephone subscribers (per 100 people)	54.9	91.6	90.1
Population covered by mobile telephony (%)	99	99	99
Internet users (per 100 people)	29.3	45.8	59.3
Personal computers (per 100 people)	22.4	37.7	56.7
Households with a television set (%)	95	98	98
Quality			
Telephone faults (per 100 mainlines)	3.5	6.3	5.8
Broadband subscribers (per 100 people)	1.24	19.19	19.20
International Internet bandwidth (bits per person)	1,829	11,279	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	22.0	33.1	26.6
Price basket for mobile telephone service (\$ a month)	..	18.5	17.0
Price basket for Internet service (\$ a month)	..	37.6	13.7
Price of call to United States (\$ for 3 minutes)	1.67	0.75	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.9	3.2	4.4
Telephone subscribers per employee	374	634	641
Telecommunications investment (% of revenue)	33.7	18.0	16.1
Applications			
Sector expenditure (% of GDP)	6.0	5.9	7.2
E-government readiness index (0–1, 1=most ready)	..	0.68	0.74
Secure Internet servers (per million people)	33.2	193.5	569.4

Latin America & Caribbean		Upper middle income	
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.25	0.30	811
Urban population (% of total)	48	49	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,090	3,740	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.6	5.6	3.9
Adult literacy rate (% ages 15 and older)	..	..	93
Gross primary, secondary, and tertiary enrollment (%)	71	82	82
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	..	..
Internet service	<i>M</i>	<i>M</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	14.3	11.4	21.6
International voice traffic (minutes per person)	120	178	..
Mobile telephone subscribers (per 100 people)	6.7	39.8	66.0
Population covered by mobile telephony (%)	..	..	95
Internet users (per 100 people)	6.0	11.4	22.2
Personal computers (per 100 people)	12.0	14.1	13.3
Households with a television set (%)	70	93	93
Quality			
Telephone faults (per 100 mainlines)	65.6	41.1	7.5
Broadband subscribers (per 100 people)	..	1.89	3.57
International Internet bandwidth (bits per person)	12	605	242
Affordability			
Price basket for residential fixed line (\$ a month)	9.3	17.6	11.4
Price basket for mobile telephone service (\$ a month)	..	16.3	10.9
Price basket for Internet service (\$ a month)	..	12.7	11.7
Price of call to United States (\$ for 3 minutes)	4.45	2.59	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	6.0	5.2	3.6
Telephone subscribers per employee	132	312	594
Telecommunications investment (% of revenue)	15.1	23.8	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.41	0.54
Secure Internet servers (per million people)	31.1	259.9	21.1

Benin

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	7	9	2,420
Urban population (% of total)	38	41	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	340	530	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.3	3.8	6.5
Adult literacy rate (% ages 15 and older)	35	..	61
Gross primary, secondary, and tertiary enrollment (%)	40	51	57
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>M</i>	<i>C</i>	
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	4.8	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.7	0.9	2.5
International voice traffic (minutes per person)	4	6	..
Mobile telephone subscribers (per 100 people)	0.8	12.1	14.3
Population covered by mobile telephony (%)	23	..	40
Internet users (per 100 people)	0.2	8.0	4.2
Personal computers (per 100 people)	0.1	0.4	1.4
Households with a television set (%)	18	20	16
Quality			
Telephone faults (per 100 mainlines)	8.0	7.5	..
Broadband subscribers (per 100 people)	0.00	0.00	0.18
International Internet bandwidth (bits per person)	0	5	22
Affordability			
Price basket for residential fixed line (\$ a month)	11.3	16.1	6.1
Price basket for mobile telephone service (\$ a month)	..	13.0	10.0
Price basket for Internet service (\$ a month)	..	11.4	12.0
Price of call to United States (\$ for 3 minutes)	5.93	4.80	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.4	1.6	4.0
Telephone subscribers per employee	87	621	141
Telecommunications investment (% of revenue)	54.2	513.2	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.19	0.24
Secure Internet servers (per million people)	0.1	0.1	0.6

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.06	0.06	1,031
Urban population (% of total)	100	100	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	..	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	..	..	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	87	..	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	..	..
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	90.2	90.4	52.7
International voice traffic (minutes per person)	..	..	204
Mobile telephone subscribers (per 100 people)	20.9	94.2	90.1
Population covered by mobile telephony (%)	..	98	99
Internet users (per 100 people)	43.5	66.1	59.3
Personal computers (per 100 people)	48.3	22.5	56.7
Households with a television set (%)	..	..	98
Quality			
Telephone faults (per 100 mainlines)	..	4.4	5.8
Broadband subscribers (per 100 people)	..	37.06	19.20
International Internet bandwidth (bits per person)	..	8,699	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	39.0	38.9	26.6
Price basket for mobile telephone service (\$ a month)	..	12.2	17.0
Price basket for Internet service (\$ a month)	..	..	13.7
Price of call to United States (\$ for 3 minutes)	..	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	4.4
Telephone subscribers per employee	151	178	641
Telecommunications investment (% of revenue)	33.0	11.3	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	..	0.74
Secure Internet servers (per million people)	496.3	1,833.9	569.4

Bhutan

South Asia		Lower middle income	
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.56	0.65	2,276
Urban population (% of total)	10	11	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	720	1,430	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	6.3	7.8	7.6
Adult literacy rate (% ages 15 and older)	..	60	89
Gross primary, secondary, and tertiary enrollment (%)	..	..	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	..	P	
Internet service	..	C	
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	2.5	4.9	21.6
International voice traffic (minutes per person)	..	41	21
Mobile telephone subscribers (per 100 people)	..	12.7	38.1
Population covered by mobile telephony (%)	..	11	..
Internet users (per 100 people)	0.4	4.6	11.4
Personal computers (per 100 people)	0.9	2.0	4.3
Households with a television set (%)	52	53	80
Quality			
Telephone faults (per 100 mainlines)	..	54.0	22.0
Broadband subscribers (per 100 people)	..	..	3.23
International Internet bandwidth (bits per person)	2	34	189
Affordability			
Price basket for residential fixed line (\$ a month)	4.9	4.3	8.2
Price basket for mobile telephone service (\$ a month)	..	3.9	9.8
Price basket for Internet service (\$ a month)	..	14.9	10.0
Price of call to United States (\$ for 3 minutes)	1.19	0.66	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.2	2.3	2.1
Telephone subscribers per employee	41	141	599
Telecommunications investment (% of revenue)	26.2	81.1	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.31	0.45
Secure Internet servers (per million people)	..	..	1.6

Latin America & Caribbean		Lower middle income		
	Country data		Lower middle-income group	
	2000	2006	2006	
Economic and social context				
Population (millions)	8	9	2,276	
Urban population (% of total)	62	65	47	
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,000	1,100	2,038	
GDP growth, 1995-2000 and 2000-06 (avg. annual %)	3.5	3.3	7.6	
Adult literacy rate (% ages 15 and older)	87	..	89	
Gross primary, secondary, and tertiary enrollment (%)	84	86	71	
Sector structure				
Separate telecommunications regulator	Yes	Yes		
Status of main fixed-line telephone operator	Mixed	Private		
Level of competition (competition, partial comp., monopoly)				
International long distance service	M	M		
Mobile telephone service	P	C		
Internet service	C	C		
Government prioritization of sector (1-7, 7=highest)	..	4.1	4.3	
Sector performance				
Access				
Telephone mainlines (per 100 people)	6.1	7.1	21.6	
International voice traffic (minutes per person)	14	49	21	
Mobile telephone subscribers (per 100 people)	7.0	28.8	38.1	
Population covered by mobile telephony (%)	..	..	..
Internet users (per 100 people)	1.4	6.2	11.4	
Personal computers (per 100 people)	1.7	2.4	4.3	
Households with a television set (%)	46	50	80	
Quality				
Telephone faults (per 100 mainlines)	..	..	22.0
Broadband subscribers (per 100 people)	0.04	0.12	3.23	
International Internet bandwidth (bits per person)	2	43	189	
Affordability				
Price basket for residential fixed line (\$ a month)	11.6	8.5	8.2	
Price basket for mobile telephone service (\$ a month)	..	5.6	9.8	
Price basket for Internet service (\$ a month)	..	12.1	10.0	
Price of call to United States (\$ for 3 minutes)	2.43	..	2.08	
Institutional efficiency and sustainability				
Telecommunications revenue (% of GDP)	4.7	5.7	2.1	
Telephone subscribers per employee	451	810	599	
Telecommunications investment (% of revenue)	43.4	3.8	27.1	
Applications				
Sector expenditure (% of GDP)	4.4	4.9	5.0	
E-government readiness index (0-1, 1=most ready)	..	0.49	0.45	
Secure Internet servers (per million people)	0.6	3.8	1.6	

Bosnia and Herzegovina

Europe & Central Asia

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006

Economic and social context

Population (millions)	4	4	2,276
Urban population (% of total)	43	46	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,520	3,230	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	24.9	5.1	7.6
Adult literacy rate (% ages 15 and older)	97	..	89
Gross primary, secondary, and tertiary enrollment (%)	..	..	71

Sector structure

Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	P	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.5	4.3

Sector performance

Access

Telephone mainlines (per 100 people)	20.6	25.2	21.6
International voice traffic (minutes per person)	90	208	21
Mobile telephone subscribers (per 100 people)	2.5	48.1	38.1
Population covered by mobile telephony (%)	60	97	..
Internet users (per 100 people)	1.1	24.2	11.4
Personal computers (per 100 people)	3.7	5.4	4.3
Households with a television set (%)	87	87	80

Quality

Telephone faults (per 100 mainlines)	..	..	22.0
Broadband subscribers (per 100 people)	0.01	1.02	3.23
International Internet bandwidth (bits per person)	7	40	189

Affordability

Price basket for residential fixed line (\$ a month)	4.6	6.3	8.2
Price basket for mobile telephone service (\$ a month)	..	6.6	9.8
Price basket for Internet service (\$ a month)	..	7.6	10.0
Price of call to United States (\$ for 3 minutes)	2.96	3.62	2.08

Institutional efficiency and sustainability

Telecommunications revenue (% of GDP)	3.6	5.5	2.1
Telephone subscribers per employee	480	366	599
Telecommunications investment (% of revenue)	27.5	36.5	27.1

Applications

Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.45	0.45
Secure Internet servers (per million people)	..	5.9	1.6

Botswana

Sub-Saharan Africa

Upper middle income

	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	2	2	811
Urban population (% of total)	53	58	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,310	5,570	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	8.7	5.1	3.9
Adult literacy rate (% ages 15 and older)	..	81	93
Gross primary, secondary, and tertiary enrollment (%)	69	70	82
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	P	
Mobile telephone service	C	..	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.6	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	7.9	7.4	21.6
International voice traffic (minutes per person)	42	74	..
Mobile telephone subscribers (per 100 people)	12.9	52.7	66.0
Population covered by mobile telephony (%)	90	99	95
Internet users (per 100 people)	2.9	3.3	22.2
Personal computers (per 100 people)	3.5	4.7	13.3
Households with a television set (%)	10	10	93
Quality			
Telephone faults (per 100 mainlines)	..	..	7.5
Broadband subscribers (per 100 people)	..	0.09	3.57
International Internet bandwidth (bits per person)	3	16	242
Affordability			
Price basket for residential fixed line (\$ a month)	4.8	10.2	11.4
Price basket for mobile telephone service (\$ a month)	..	8.7	10.9
Price basket for Internet service (\$ a month)	..	18.2	11.7
Price of call to United States (\$ for 3 minutes)	3.64	2.88	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.0	2.6	3.6
Telephone subscribers per employee	202	1,101	594
Telecommunications investment (% of revenue)	13.9	145.5	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.36	0.54
Secure Internet servers (per million people)	..	1.6	21.1

Brazil

Latin America & Caribbean		Upper middle income	
	Country data	Upper middle-income group	
	2000	2006	2006
Economic and social context			
Population (millions)	174	189	811
Urban population (% of total)	81	85	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,870	4,710	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	1.7	3.0	3.9
Adult literacy rate (% ages 15 and older)	86	89	93
Gross primary, secondary, and tertiary enrollment (%)	90	88	82
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	P	C	
Mobile telephone service	P	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.4	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	17.8	20.5	21.6
International voice traffic (minutes per person)	11	..	..
Mobile telephone subscribers (per 100 people)	13.3	52.8	66.0
Population covered by mobile telephony (%)	..	88	95
Internet users (per 100 people)	2.9	22.5	22.2
Personal computers (per 100 people)	4.9	16.1	13.3
Households with a television set (%)	89	91	93
Quality			
Telephone faults (per 100 mainlines)	3.1	1.6	7.5
Broadband subscribers (per 100 people)	0.06	3.13	3.57
International Internet bandwidth (bits per person)	5	150	242
Affordability			
Price basket for residential fixed line (\$ a month)	9.4	15.6	11.4
Price basket for mobile telephone service (\$ a month)	..	26.2	10.9
Price basket for Internet service (\$ a month)	..	10.1	11.7
Price of call to United States (\$ for 3 minutes)	1.15	0.71	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.4	3.4	3.6
Telephone subscribers per employee	516	1,545	594
Telecommunications investment (% of revenue)	39.8	21.3	..
Applications			
Sector expenditure (% of GDP)	5.2	6.4	5.2
E-government readiness index (0–1, 1=most ready)	..	0.57	0.54
Secure Internet servers (per million people)	5.8	20.1	21.1

Brunei Darussalam

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.33	0.38	1,031
Urban population (% of total)	71	74	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	14,670	26,930	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	1.0	2.3	2.3
Adult literacy rate (% ages 15 and older)	93	..	99
Gross primary, secondary, and tertiary enrollment (%)	74	78	92
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	P	P	
Mobile telephone service	M	M	
Internet service	..	P	
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	24.1	21.0	52.7
International voice traffic (minutes per person)	143	..	204
Mobile telephone subscribers (per 100 people)	28.5	66.5	90.1
Population covered by mobile telephony (%)	..	..	99
Internet users (per 100 people)	9.0	43.3	59.3
Personal computers (per 100 people)	6.9	8.8	56.7
Households with a television set (%)	98	98	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	0.56	2.74	19.20
International Internet bandwidth (bits per person)	180	1,453	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	10.7	11.4	26.6
Price basket for mobile telephone service (\$ a month)	..	7.0	17.0
Price basket for Internet service (\$ a month)	..	18.6	13.7
Price of call to United States (\$ for 3 minutes)	..	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	4.4
Telephone subscribers per employee	..	..	641
Telecommunications investment (% of revenue)	..	..	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	0.47	0.74
Secure Internet servers (per million people)	8.8	28.3	569.4

Bulgaria

Europe & Central Asia

Upper middle income

	Country data		Upper middle-income group
	2000	2006	2006

Economic and social context

Population (millions)	8	8	811
Urban population (% of total)	69	70	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,600	3,990	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	–0.4	5.5	3.9
Adult literacy rate (% ages 15 and older)	98	..	93
Gross primary, secondary, and tertiary enrollment (%)	79	81	82

Sector structure

Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	P	
Mobile telephone service	C	P	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.0	4.4

Sector performance

Access

Telephone mainlines (per 100 people)	35.8	31.2	21.6
International voice traffic (minutes per person)	40	72	..
Mobile telephone subscribers (per 100 people)	9.2	107.3	66.0
Population covered by mobile telephony (%)	95	100	95
Internet users (per 100 people)	5.3	24.3	22.2
Personal computers (per 100 people)	4.5	6.3	13.3
Households with a television set (%)	92	97	93

Quality

Telephone faults (per 100 mainlines)	4.8	2.8	7.5
Broadband subscribers (per 100 people)	..	5.00	3.57
International Internet bandwidth (bits per person)	5	1,756	242

Affordability

Price basket for residential fixed line (\$ a month)	3.8	10.0	11.4
Price basket for mobile telephone service (\$ a month)	..	16.2	10.9
Price basket for Internet service (\$ a month)	..	7.4	11.7
Price of call to United States (\$ for 3 minutes)	2.55	0.57	1.06

Institutional efficiency and sustainability

Telecommunications revenue (% of GDP)	3.1	6.2	3.6
Telephone subscribers per employee	140	347	594
Telecommunications investment (% of revenue)	14.0	33.6	..

Applications

Sector expenditure (% of GDP)	3.9	3.4	5.2
E-government readiness index (0–1, 1=most ready)	..	0.57	0.54
Secure Internet servers (per million people)	2.3	17.4	21.1

Burkina Faso

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	12	14	2,420
Urban population (% of total)	17	19	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	240	440	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	6.8	6.2	6.5
Adult literacy rate (% ages 15 and older)	..	24	61
Gross primary, secondary, and tertiary enrollment (%)	22	29	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.6	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.4	0.7	2.5
International voice traffic (minutes per person)	3	11	..
Mobile telephone subscribers (per 100 people)	0.2	7.1	14.3
Population covered by mobile telephony (%)	22	26	40
Internet users (per 100 people)	0.1	0.6	4.2
Personal computers (per 100 people)	0.1	0.2	1.4
Households with a television set (%)	7	8	16
Quality			
Telephone faults (per 100 mainlines)	59.3	18.4	..
Broadband subscribers (per 100 people)	0.00	0.01	0.18
International Internet bandwidth (bits per person)	0	15	22
Affordability			
Price basket for residential fixed line (\$ a month)	11.6	16.9	6.1
Price basket for mobile telephone service (\$ a month)	..	12.8	10.0
Price basket for Internet service (\$ a month)	..	33.9	12.0
Price of call to United States (\$ for 3 minutes)	3.16	1.14	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.0	3.7	4.0
Telephone subscribers per employee	62	440	141
Telecommunications investment (% of revenue)	38.0	155.4	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.15	0.24
Secure Internet servers (per million people)	..	0.1	0.6

Burundi

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	7	8	2,420
Urban population (% of total)	9	10	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	120	100	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	–0.7	2.5	6.5
Adult literacy rate (% ages 15 and older)	59	..	61
Gross primary, secondary, and tertiary enrollment (%)	30	38	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	2.8	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.3	0.4	2.5
International voice traffic (minutes per person)	1	..	..
Mobile telephone subscribers (per 100 people)	0.2	1.9	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.1	0.7	4.2
Personal computers (per 100 people)	0.1	0.7	1.4
Households with a television set (%)	11	14	16
Quality			
Telephone faults (per 100 mainlines)	7.2	6.0	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	1	22
Affordability			
Price basket for residential fixed line (\$ a month)	1.9	2.6	6.1
Price basket for mobile telephone service (\$ a month)	..	12.2	10.0
Price basket for Internet service (\$ a month)	..	40.0	12.0
Price of call to United States (\$ for 3 minutes)	7.35	2.45	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.9	..	4.0
Telephone subscribers per employee	65	234	141
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.18	0.24
Secure Internet servers (per million people)	..	0.2	0.6

Cambodia

East Asia & Pacific

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	13	14	2,420
Urban population (% of total)	17	20	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	280	490	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	7.3	9.5	6.5
Adult literacy rate (% ages 15 and older)	67	74	61
Gross primary, secondary, and tertiary enrollment (%)	51	60	57
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	P	P	
Mobile telephone service	P	P	
Internet service	P	P	
Government prioritization of sector (1–7, 7=highest)	..	4.5	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.2	0.2	2.5
International voice traffic (minutes per person)	3	10	..
Mobile telephone subscribers (per 100 people)	1.0	8.0	14.3
Population covered by mobile telephony (%)	80	88	40
Internet users (per 100 people)	0.0	0.3	4.2
Personal computers (per 100 people)	0.1	0.3	1.4
Households with a television set (%)	33	43	16
Quality			
Telephone faults (per 100 mainlines)	7.2	..	..
Broadband subscribers (per 100 people)	0.00	0.01	0.18
International Internet bandwidth (bits per person)	0	1	22
Affordability			
Price basket for residential fixed line (\$ a month)	16.7	5.2	6.1
Price basket for mobile telephone service (\$ a month)	..	5.1	10.0
Price basket for Internet service (\$ a month)	..	9.9	12.0
Price of call to United States (\$ for 3 minutes)	6.00	2.94	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	0.6	0.4	4.0
Telephone subscribers per employee	241	534	141
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.30	0.24
Secure Internet servers (per million people)	0.2	0.5	0.6

Cameroon

Sub-Saharan Africa

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006

Economic and social context

Population (millions)	16	18	2,276
Urban population (% of total)	50	55	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	620	990	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.8	3.6	7.6
Adult literacy rate (% ages 15 and older)	68	..	89
Gross primary, secondary, and tertiary enrollment (%)	48	62	71

Sector structure

Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	P	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	3.7	4.3

Sector performance

Access

Telephone mainlines (per 100 people)	0.6	0.6	21.6
International voice traffic (minutes per person)	6	9	21
Mobile telephone subscribers (per 100 people)	0.7	12.7	38.1
Population covered by mobile telephony (%)	30	73	..
Internet users (per 100 people)	0.3	2.0	11.4
Personal computers (per 100 people)	0.3	1.1	4.3
Households with a television set (%)	17	26	80

Quality

Telephone faults (per 100 mainlines)	..	..	22.0
Broadband subscribers (per 100 people)	..	0.00	3.23
International Internet bandwidth (bits per person)	0	9	189

Affordability

Price basket for residential fixed line (\$ a month)	6.5	9.3	8.2
Price basket for mobile telephone service (\$ a month)	..	16.3	9.8
Price basket for Internet service (\$ a month)	..	17.6	10.0
Price of call to United States (\$ for 3 minutes)	3.25	..	2.08

Institutional efficiency and sustainability

Telecommunications revenue (% of GDP)	1.4	3.1	2.1
Telephone subscribers per employee	90	730	599
Telecommunications investment (% of revenue)	62.8	28.3	27.1

Applications

Sector expenditure (% of GDP)	4.1	5.1	5.0
E-government readiness index (0–1, 1=most ready)	..	0.27	0.45
Secure Internet servers (per million people)	..	0.4	1.6

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	31	33	1,031
Urban population (% of total)	79	80	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	22,130	36,650	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.3	2.6	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	95	99	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	P	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.1	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	67.7	64.3	52.7
International voice traffic (minutes per person)	439	..	204
Mobile telephone subscribers (per 100 people)	28.4	52.7	90.1
Population covered by mobile telephony (%)	90	97	99
Internet users (per 100 people)	42.2	68.1	59.3
Personal computers (per 100 people)	41.9	87.6	56.7
Households with a television set (%)	101	99	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	4.59	23.51	19.20
International Internet bandwidth (bits per person)	1,133	6,732	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	26.6
Price basket for mobile telephone service (\$ a month)	..	6.9	17.0
Price basket for Internet service (\$ a month)	..	9.5	13.7
Price of call to United States (\$ for 3 minutes)	..	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.8	2.5	4.4
Telephone subscribers per employee	331	425	641
Telecommunications investment (% of revenue)	24.0	16.2	16.1
Applications			
Sector expenditure (% of GDP)	6.1	5.7	7.2
E-government readiness index (0–1, 1=most ready)	..	0.82	0.74
Secure Internet servers (per million people)	162.6	814.2	569.4

Cape Verde

Sub-Saharan Africa		Lower middle income	
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.45	0.52	2,276
Urban population (% of total)	53	58	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,280	2,130	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	6.6	5.1	7.6
Adult literacy rate (% ages 15 and older)	..	81	89
Gross primary, secondary, and tertiary enrollment (%)	71	66	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	12.1	13.8	21.6
International voice traffic (minutes per person)	79	139	21
Mobile telephone subscribers (per 100 people)	4.4	21.0	38.1
Population covered by mobile telephony (%)	90	..	..
Internet users (per 100 people)	1.8	5.7	11.4
Personal computers (per 100 people)	5.5	10.9	4.3
Households with a television set (%)	40	61	80
Quality			
Telephone faults (per 100 mainlines)	47.0	38.4	22.0
Broadband subscribers (per 100 people)	..	0.35	3.23
International Internet bandwidth (bits per person)	2	46	189
Affordability			
Price basket for residential fixed line (\$ a month)	4.6	4.7	8.2
Price basket for mobile telephone service (\$ a month)	..	18.2	9.8
Price basket for Internet service (\$ a month)	..	22.8	10.0
Price of call to United States (\$ for 3 minutes)	4.66	6.08	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	7.0	7.3	2.1
Telephone subscribers per employee	154	346	599
Telecommunications investment (% of revenue)	35.3	12.9	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.42	0.45
Secure Internet servers (per million people)	..	1.9	1.6

Cayman Islands

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	..	0.05	1,031
Urban population (% of total)	100	100	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.3
Adult literacy rate (% ages 15 and older)	99
Gross primary, secondary, and tertiary enrollment (%)	81	76	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	
Level of competition (competition, partial comp., monopoly)			
International long distance service	
Mobile telephone service	
Internet service	
Government prioritization of sector (1–7, 7=highest)	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	52.7
International voice traffic (minutes per person)	..	1,630	204
Mobile telephone subscribers (per 100 people)	..	76.8	90.1
Population covered by mobile telephony (%)	..	100	99
Internet users (per 100 people)	..	45.7	59.3
Personal computers (per 100 people)	56.7
Households with a television set (%)	98
Quality			
Telephone faults (per 100 mainlines)	5.8
Broadband subscribers (per 100 people)	19.20
International Internet bandwidth (bits per person)	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	13.5	24.9	26.6
Price basket for mobile telephone service (\$ a month)	17.0
Price basket for Internet service (\$ a month)	13.7
Price of call to United States (\$ for 3 minutes)	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.4
Telephone subscribers per employee	170	..	641
Telecommunications investment (% of revenue)	16.1
Applications			
Sector expenditure (% of GDP)	7.2
E-government readiness index (0–1, 1=most ready)	0.74
Secure Internet servers (per million people)	..	1,108.7	569.4

Central African Republic

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	4	4	2,420
Urban population (% of total)	38	38	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	270	350	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.0	–0.7	6.5
Adult literacy rate (% ages 15 and older)	49	..	61
Gross primary, secondary, and tertiary enrollment (%)	34	30	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.2	0.2	2.5
International voice traffic (minutes per person)	2	..	..
Mobile telephone subscribers (per 100 people)	0.1	2.4	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.1	0.3	4.2
Personal computers (per 100 people)	0.2	0.3	1.4
Households with a television set (%)	3	5	16
Quality			
Telephone faults (per 100 mainlines)	..	56.0	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	0	22
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	6.1
Price basket for mobile telephone service (\$ a month)	..	12.4	10.0
Price basket for Internet service (\$ a month)	..	100.1	12.0
Price of call to United States (\$ for 3 minutes)	13.31	1.99	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.1	1.1	4.0
Telephone subscribers per employee	35	134	141
Telecommunications investment (% of revenue)	1.0	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.14	0.24
Secure Internet servers (per million people)	..	0.2	0.6

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	8	10	2,420
Urban population (% of total)	23	26	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	180	450	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.1	14.1	6.5
Adult literacy rate (% ages 15 and older)	26	..	61
Gross primary, secondary, and tertiary enrollment (%)	32	37	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	P	..	
Internet service	M	C	
Government prioritization of sector (1–7, 7=highest)	..	2.8	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.1	0.1	2.5
International voice traffic (minutes per person)	1	2	..
Mobile telephone subscribers (per 100 people)	0.1	4.5	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.0	0.6	4.2
Personal computers (per 100 people)	0.1	0.2	1.4
Households with a television set (%)	2	4	16
Quality			
Telephone faults (per 100 mainlines)	52.0	..	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	1	22
Affordability			
Price basket for residential fixed line (\$ a month)	16.3	16.9	6.1
Price basket for mobile telephone service (\$ a month)	..	13.2	10.0
Price basket for Internet service (\$ a month)	..	86.3	12.0
Price of call to United States (\$ for 3 minutes)	12.50	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.4	..	4.0
Telephone subscribers per employee	31	127	141
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.10	0.24
Secure Internet servers (per million people)	..	..	0.6

Channel Islands

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.15	0.15	1,031
Urban population (% of total)	31	31	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.3
Adult literacy rate (% ages 15 and older)	99
Gross primary, secondary, and tertiary enrollment (%)	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	
Level of competition (competition, partial comp., monopoly)			
International long distance service	
Mobile telephone service	
Internet service	
Government prioritization of sector (1–7, 7=highest)	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	52.7
International voice traffic (minutes per person)	204
Mobile telephone subscribers (per 100 people)	90.1
Population covered by mobile telephony (%)	99
Internet users (per 100 people)	59.3
Personal computers (per 100 people)	56.7
Households with a television set (%)	98
Quality			
Telephone faults (per 100 mainlines)	5.8
Broadband subscribers (per 100 people)	19.20
International Internet bandwidth (bits per person)	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	26.6
Price basket for mobile telephone service (\$ a month)	17.0
Price basket for Internet service (\$ a month)	13.7
Price of call to United States (\$ for 3 minutes)	2.90	2.90	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.4
Telephone subscribers per employee	641
Telecommunications investment (% of revenue)	16.1
Applications			
Sector expenditure (% of GDP)	7.2
E-government readiness index (0–1, 1=most ready)	0.74
Secure Internet servers (per million people)	569.4

Latin America & Caribbean	Upper middle income		
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	15	16	811
Urban population (% of total)	86	88	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	4,850	6,810	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.8	4.3	3.9
Adult literacy rate (% ages 15 and older)	96	..	93
Gross primary, secondary, and tertiary enrollment (%)	78	83	82
Sector structure			
Separate telecommunications regulator	..	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	..	C	
Government prioritization of sector (1–7, 7=highest)	..	5.2	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	21.4	20.2	21.6
International voice traffic (minutes per person)	33	48	..
Mobile telephone subscribers (per 100 people)	22.1	75.8	66.0
Population covered by mobile telephony (%)	100	100	95
Internet users (per 100 people)	16.5	25.3	22.2
Personal computers (per 100 people)	9.2	14.1	13.3
Households with a television set (%)	89	90	93
Quality			
Telephone faults (per 100 mainlines)	25.0	..	7.5
Broadband subscribers (per 100 people)	0.05	5.95	3.57
International Internet bandwidth (bits per person)	12	780	242
Affordability			
Price basket for residential fixed line (\$ a month)	15.7	9.7	11.4
Price basket for mobile telephone service (\$ a month)	..	11.8	10.9
Price basket for Internet service (\$ a month)	..	26.7	11.7
Price of call to United States (\$ for 3 minutes)	2.45	..	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.4	..	3.6
Telephone subscribers per employee	315	..	594
Telecommunications investment (% of revenue)	44.0	..	..
Applications			
Sector expenditure (% of GDP)	6.0	5.2	5.2
E-government readiness index (0–1, 1=most ready)	..	0.58	0.54
Secure Internet servers (per million people)	9.0	29.0	21.1

China

East Asia & Pacific	Lower middle income		
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	1,263	1,312	2,276
Urban population (% of total)	36	41	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	930	2,000	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	8.5	9.8	7.6
Adult literacy rate (% ages 15 and older)	91	..	89
Gross primary, secondary, and tertiary enrollment (%)	67	69	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>P</i>	<i>P</i>	
Mobile telephone service	<i>P</i>	<i>P</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.2	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	11.5	28.0	21.6
International voice traffic (minutes per person)	4	7	21
Mobile telephone subscribers (per 100 people)	6.8	35.1	38.1
Population covered by mobile telephony (%)	..	..	..
Internet users (per 100 people)	1.8	10.4	11.4
Personal computers (per 100 people)	1.6	4.3	4.3
Households with a television set (%)	86	89	80
Quality			
Telephone faults (per 100 mainlines)	..	..	22.0
Broadband subscribers (per 100 people)	0.00	3.88	3.23
International Internet bandwidth (bits per person)	2	196	189
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	8.2
Price basket for mobile telephone service (\$ a month)	..	2.9	9.8
Price basket for Internet service (\$ a month)	..	10.0	10.0
Price of call to United States (\$ for 3 minutes)	6.67	2.90	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.2	3.1	2.1
Telephone subscribers per employee	222	1,043	599
Telecommunications investment (% of revenue)	69.8	36.7	27.1
Applications			
Sector expenditure (% of GDP)	3.7	5.4	5.0
E-government readiness index (0–1, 1=most ready)	..	0.50	0.45
Secure Internet servers (per million people)	0.1	0.7	1.6

Colombia

Latin America & Caribbean

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	42	46	2,276
Urban population (% of total)	71	73	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	2,080	3,120	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	0.6	3.9	7.6
Adult literacy rate (% ages 15 and older)	..	93	89
Gross primary, secondary, and tertiary enrollment (%)	71	75	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	P	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.7	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	17.3	17.3	21.6
International voice traffic (minutes per person)	22	68	21
Mobile telephone subscribers (per 100 people)	5.4	65.3	38.1
Population covered by mobile telephony (%)	..	80	..
Internet users (per 100 people)	2.1	14.7	11.4
Personal computers (per 100 people)	3.6	4.2	4.3
Households with a television set (%)	94	90	80
Quality			
Telephone faults (per 100 mainlines)	44.3	27.9	22.0
Broadband subscribers (per 100 people)	0.02	1.38	3.23
International Internet bandwidth (bits per person)	15	560	189
Affordability			
Price basket for residential fixed line (\$ a month)	6.6	8.0	8.2
Price basket for mobile telephone service (\$ a month)	..	10.4	9.8
Price basket for Internet service (\$ a month)	..	7.5	10.0
Price of call to United States (\$ for 3 minutes)	2.00	..	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.7	5.3	2.1
Telephone subscribers per employee	242	..	599
Telecommunications investment (% of revenue)	63.5	..	27.1
Applications			
Sector expenditure (% of GDP)	8.5	7.1	5.0
E-government readiness index (0–1, 1=most ready)	..	0.53	0.45
Secure Internet servers (per million people)	1.7	7.7	1.6

Comoros

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.54	0.61	2,420
Urban population (% of total)	34	38	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	400	660	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	1.7	2.4	6.5
Adult literacy rate (% ages 15 and older)	..	..	61
Gross primary, secondary, and tertiary enrollment (%)	41	46	57
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	..	..
Internet service	<i>M</i>	<i>M</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	1.3	2.8	2.5
International voice traffic (minutes per person)	24	..	..
Mobile telephone subscribers (per 100 people)	..	2.7	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.3	3.4	4.2
Personal computers (per 100 people)	0.6	0.9	1.4
Households with a television set (%)	10	13	16
Quality			
Telephone faults (per 100 mainlines)	82.8	..	..
Broadband subscribers (per 100 people)	..	0.00	0.18
International Internet bandwidth (bits per person)	0	3	22
Affordability			
Price basket for residential fixed line (\$ a month)	14.0	18.8	6.1
Price basket for mobile telephone service (\$ a month)	..	12.3	10.0
Price basket for Internet service (\$ a month)	..	12.7	12.0
Price of call to United States (\$ for 3 minutes)	..	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.2	4.9	4.0
Telephone subscribers per employee	55	89	141
Telecommunications investment (% of revenue)	69.5	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.19	0.24
Secure Internet servers (per million people)	..	1.6	0.6

Congo, Dem. Rep.

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	51	61	2,420
Urban population (% of total)	30	33	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	80	130	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	–3.8	4.7	6.5
Adult literacy rate (% ages 15 and older)	67	..	61
Gross primary, secondary, and tertiary enrollment (%)	27	34	57
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.0	0.0	2.5
International voice traffic (minutes per person)	..	5	..
Mobile telephone subscribers (per 100 people)	0.0	7.3	14.3
Population covered by mobile telephony (%)	..	50	40
Internet users (per 100 people)	0.0	0.3	4.2
Personal computers (per 100 people)	0.0	0.0	1.4
Households with a television set (%)	1	4	16
Quality			
Telephone faults (per 100 mainlines)	..	..	..
Broadband subscribers (per 100 people)	..	0.00	0.18
International Internet bandwidth (bits per person)	0	0	22
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	6.1
Price basket for mobile telephone service (\$ a month)	..	11.0	10.0
Price basket for Internet service (\$ a month)	..	14.0	12.0
Price of call to United States (\$ for 3 minutes)	..	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	6.4	4.0
Telephone subscribers per employee	..	1,428	141
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.22	0.24
Secure Internet servers (per million people)	..	0.1	0.6

Congo, Rep.

Sub-Saharan Africa

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	3	4	2,276
Urban population (% of total)	58	61	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	550	1,050	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	1.9	4.4	7.6
Adult literacy rate (% ages 15 and older)	..	85	89
Gross primary, secondary, and tertiary enrollment (%)	43	51	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>C</i>	<i>C</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.7	0.4	21.6
International voice traffic (minutes per person)	..	..	21
Mobile telephone subscribers (per 100 people)	2.2	13.6	38.1
Population covered by mobile telephony (%)	60	80	..
Internet users (per 100 people)	0.0	1.9	11.4
Personal computers (per 100 people)	0.3	0.5	4.3
Households with a television set (%)	6	7	80
Quality			
Telephone faults (per 100 mainlines)	..	..	22.0
Broadband subscribers (per 100 people)	..	..	3.23
International Internet bandwidth (bits per person)	0	0	189
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	8.2
Price basket for mobile telephone service (\$ a month)	..	11.0	9.8
Price basket for Internet service (\$ a month)	..	64.9	10.0
Price of call to United States (\$ for 3 minutes)	..	5.39	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	2.9	2.1
Telephone subscribers per employee	..	..	599
Telecommunications investment (% of revenue)	..	..	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.27	0.45
Secure Internet servers (per million people)	..	0.5	1.6

Costa Rica

Latin America & Caribbean	Upper middle income		
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	4	4	811
Urban population (% of total)	59	62	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,710	4,980	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.7	4.8	3.9
Adult literacy rate (% ages 15 and older)	95	..	93
Gross primary, secondary, and tertiary enrollment (%)	66	73	82
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	M	M	
Internet service	M	P	
Government prioritization of sector (1–7, 7=highest)	..	4.2	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	22.9	30.7	21.6
International voice traffic (minutes per person)	62	127	..
Mobile telephone subscribers (per 100 people)	5.4	32.8	66.0
Population covered by mobile telephony (%)	..	86	95
Internet users (per 100 people)	5.8	27.6	22.2
Personal computers (per 100 people)	15.3	23.1	13.3
Households with a television set (%)	85	89	93
Quality			
Telephone faults (per 100 mainlines)	5.0	3.8	7.5
Broadband subscribers (per 100 people)	0.01	1.34	3.57
International Internet bandwidth (bits per person)	91	176	242
Affordability			
Price basket for residential fixed line (\$ a month)	7.1	6.0	11.4
Price basket for mobile telephone service (\$ a month)	..	1.9	10.9
Price basket for Internet service (\$ a month)	..	18.3	11.7
Price of call to United States (\$ for 3 minutes)	1.93	..	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.7	2.4	3.6
Telephone subscribers per employee	231	459	594
Telecommunications investment (% of revenue)	44.4	36.2	..
Applications			
Sector expenditure (% of GDP)	6.9	7.3	5.2
E-government readiness index (0–1, 1=most ready)	..	0.51	0.54
Secure Internet servers (per million people)	13.9	90.5	21.1

Côte d'Ivoire

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	17	19	2,420
Urban population (% of total)	43	45	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	630	880	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.4	0.1	6.5
Adult literacy rate (% ages 15 and older)	49	..	61
Gross primary, secondary, and tertiary enrollment (%)	37	..	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>P</i>	
Mobile telephone service	<i>P</i>	<i>P</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	1.5	1.4	2.5
International voice traffic (minutes per person)	9	17	..
Mobile telephone subscribers (per 100 people)	2.8	21.5	14.3
Population covered by mobile telephony (%)	23	55	40
Internet users (per 100 people)	0.2	1.6	4.2
Personal computers (per 100 people)	0.5	1.7	1.4
Households with a television set (%)	32	35	16
Quality			
Telephone faults (per 100 mainlines)	100.0	81.0	..
Broadband subscribers (per 100 people)	..	0.01	0.18
International Internet bandwidth (bits per person)	0	3	22
Affordability			
Price basket for residential fixed line (\$ a month)	8.5	22.5	6.1
Price basket for mobile telephone service (\$ a month)	..	21.8	10.0
Price basket for Internet service (\$ a month)	..	67.7	12.0
Price of call to United States (\$ for 3 minutes)	6.07	2.25	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.5	5.4	4.0
Telephone subscribers per employee	189	1,442	141
Telecommunications investment (% of revenue)	23.7	40.0	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.19	0.24
Secure Internet servers (per million people)	..	0.5	0.6

Europe & Central Asia

Upper middle income

	Country data		Upper middle-income group
	2000	2006	2006

Economic and social context

Population (millions)	5	4	811
Urban population (% of total)	56	57	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	4,360	9,310	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.2	4.8	3.9
Adult literacy rate (% ages 15 and older)	98	..	93
Gross primary, secondary, and tertiary enrollment (%)	70	73	82

Sector structure

Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.9	4.4

Sector performance**Access**

Telephone mainlines (per 100 people)	38.2	41.3	21.6
International voice traffic (minutes per person)	163	231	..
Mobile telephone subscribers (per 100 people)	22.9	100.6	66.0
Population covered by mobile telephony (%)	98	100	95
Internet users (per 100 people)	6.6	35.5	22.2
Personal computers (per 100 people)	11.1	19.9	13.3
Households with a television set (%)	94	98	93

Quality

Telephone faults (per 100 mainlines)	12.0	12.0	7.5
Broadband subscribers (per 100 people)	..	5.67	3.57
International Internet bandwidth (bits per person)	41	1,074	242

Affordability

Price basket for residential fixed line (\$ a month)	11.9	13.1	11.4
Price basket for mobile telephone service (\$ a month)	..	14.5	10.9
Price basket for Internet service (\$ a month)	..	16.5	11.7
Price of call to United States (\$ for 3 minutes)	..	..	1.06

Institutional efficiency and sustainability

Telecommunications revenue (% of GDP)	3.9	5.5	3.6
Telephone subscribers per employee	178	540	594
Telecommunications investment (% of revenue)	14.7	14.5	..

Applications

Sector expenditure (% of GDP)	..	0.0	5.2
E-government readiness index (0–1, 1=most ready)	..	0.57	0.54
Secure Internet servers (per million people)	13.7	75.3	21.1

Latin America & Caribbean	Lower middle income		
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	11	11	2,276
Urban population (% of total)	76	75	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	..	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.2	3.4	7.6
Adult literacy rate (% ages 15 and older)	100	..	89
Gross primary, secondary, and tertiary enrollment (%)	75	88	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>P</i>	<i>M</i>	
Internet service	<i>C</i>	<i>P</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	4.4	8.6	21.6
International voice traffic (minutes per person)	29	31	21
Mobile telephone subscribers (per 100 people)	0.1	1.4	38.1
Population covered by mobile telephony (%)	41	71	..
Internet users (per 100 people)	0.5	2.1	11.4
Personal computers (per 100 people)	1.2	3.3	4.3
Households with a television set (%)	70	70	80
Quality			
Telephone faults (per 100 mainlines)	9.9	9.2	22.0
Broadband subscribers (per 100 people)	..	..	3.23
International Internet bandwidth (bits per person)	2	14	189
Affordability			
Price basket for residential fixed line (\$ a month)	12.4	13.1	8.2
Price basket for mobile telephone service (\$ a month)	..	22.6	9.8
Price basket for Internet service (\$ a month)	..	30.0	10.0
Price of call to United States (\$ for 3 minutes)	7.35	7.49	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.2	2.6	2.1
Telephone subscribers per employee	30	58	599
Telecommunications investment (% of revenue)	16.0	7.5	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.40	0.45
Secure Internet servers (per million people)	0.2	0.1	1.6

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.69	0.77	1,031
Urban population (% of total)	69	70	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	13,440	23,270	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.9	3.2	2.3
Adult literacy rate (% ages 15 and older)	97	..	99
Gross primary, secondary, and tertiary enrollment (%)	73	78	92
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	M	P	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.1	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	63.4	52.9	52.7
International voice traffic (minutes per person)	508	693	204
Mobile telephone subscribers (per 100 people)	31.5	100.8	90.1
Population covered by mobile telephony (%)	99	100	99
Internet users (per 100 people)	17.3	46.2	59.3
Personal computers (per 100 people)	21.6	36.8	56.7
Households with a television set (%)	97	99	98
Quality			
Telephone faults (per 100 mainlines)	22.8	..	5.8
Broadband subscribers (per 100 people)	0.36	6.43	19.20
International Internet bandwidth (bits per person)	58	594	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	7.8	18.3	26.6
Price basket for mobile telephone service (\$ a month)	..	3.8	17.0
Price basket for Internet service (\$ a month)	..	20.8	13.7
Price of call to United States (\$ for 3 minutes)	1.02	0.33	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.2	2.9	4.4
Telephone subscribers per employee	274	480	641
Telecommunications investment (% of revenue)	36.6	18.9	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	0.60	0.74
Secure Internet servers (per million people)	42.8	401.5	569.4

Czech Republic

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	10	10	1,031
Urban population (% of total)	74	74	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	5,800	12,790	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	1.0	4.1	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	74	83	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>P</i>	<i>P</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.4	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	37.7	31.4	52.7
International voice traffic (minutes per person)	77	95	204
Mobile telephone subscribers (per 100 people)	42.3	118.3	90.1
Population covered by mobile telephony (%)	99	100	99
Internet users (per 100 people)	9.7	34.5	59.3
Personal computers (per 100 people)	12.2	27.4	56.7
Households with a television set (%)	89	..	98
Quality			
Telephone faults (per 100 mainlines)	17.0	6.1	5.8
Broadband subscribers (per 100 people)	0.02	10.58	19.20
International Internet bandwidth (bits per person)	602	2,170	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	12.1	24.1	26.6
Price basket for mobile telephone service (\$ a month)	..	17.2	17.0
Price basket for Internet service (\$ a month)	..	19.9	13.7
Price of call to United States (\$ for 3 minutes)	0.97	1.06	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.5	3.9	4.4
Telephone subscribers per employee	349	768	641
Telecommunications investment (% of revenue)	47.1	11.7	16.1
Applications			
Sector expenditure (% of GDP)	7.4	7.3	7.2
E-government readiness index (0–1, 1=most ready)	..	0.67	0.74
Secure Internet servers (per million people)	26.7	105.4	569.4

Denmark

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	5	5	1,031
Urban population (% of total)	85	86	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	31,850	52,110	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.8	1.6	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	96	103	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	P	P	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.7	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	71.9	57.0	52.7
International voice traffic (minutes per person)	255	318	204
Mobile telephone subscribers (per 100 people)	63.0	107.4	90.1
Population covered by mobile telephony (%)	..	..	99
Internet users (per 100 people)	39.2	58.3	59.3
Personal computers (per 100 people)	50.6	69.6	56.7
Households with a television set (%)	96	97	98
Quality			
Telephone faults (per 100 mainlines)	8.0	9.0	5.8
Broadband subscribers (per 100 people)	1.06	31.79	19.20
International Internet bandwidth (bits per person)	1,409	34,796	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	22.5	30.7	26.6
Price basket for mobile telephone service (\$ a month)	..	6.0	17.0
Price basket for Internet service (\$ a month)	..	23.4	13.7
Price of call to United States (\$ for 3 minutes)	1.30	0.89	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.6	2.6	4.4
Telephone subscribers per employee	337	474	641
Telecommunications investment (% of revenue)	27.0	17.3	16.1
Applications			
Sector expenditure (% of GDP)	6.1	6.0	7.2
E-government readiness index (0–1, 1=most ready)	..	0.91	0.74
Secure Internet servers (per million people)	73.9	807.9	569.4

Djibouti

Middle East & North Africa

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006

Economic and social context

Population (millions)	0.73	0.82	2,276
Urban population (% of total)	83	87	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	760	1,060	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	–0.2	3.3	7.6
Adult literacy rate (% ages 15 and older)	..	..	89
Gross primary, secondary, and tertiary enrollment (%)	19	25	71

Sector structure

Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	..	..
Internet service	<i>M</i>	<i>M</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	4.3

Sector performance

Access

Telephone mainlines (per 100 people)	1.3	1.3	21.6
International voice traffic (minutes per person)	23	27	21
Mobile telephone subscribers (per 100 people)	0.0	5.5	38.1
Population covered by mobile telephony (%)	30	78	..
Internet users (per 100 people)	0.2	1.3	11.4
Personal computers (per 100 people)	0.9	2.4	4.3
Households with a television set (%)	39	43	80

Quality

Telephone faults (per 100 mainlines)	112.5	136.0	22.0
Broadband subscribers (per 100 people)	..	0.01	3.23
International Internet bandwidth (bits per person)	0	56	189

Affordability

Price basket for residential fixed line (\$ a month)	33.4	16.8	8.2
Price basket for mobile telephone service (\$ a month)	..	7.3	9.8
Price basket for Internet service (\$ a month)	..	41.0	10.0
Price of call to United States (\$ for 3 minutes)	4.73	4.73	2.08

Institutional efficiency and sustainability

Telecommunications revenue (% of GDP)	3.7	4.8	2.1
Telephone subscribers per employee	19	56	599
Telecommunications investment (% of revenue)	10.5	37.6	27.1

Applications

Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.23	0.45
Secure Internet servers (per million people)	..	1.2	1.6

Dominica

Latin America & Caribbean

Upper middle income

	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.07	0.07	811
Urban population (% of total)	71	73	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,200	4,160	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.2	5.3	3.9
Adult literacy rate (% ages 15 and older)	..	..	93
Gross primary, secondary, and tertiary enrollment (%)	75	81	82
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>M</i>	<i>M</i>	
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	31.8	29.3	21.6
International voice traffic (minutes per person)	..	..	..
Mobile telephone subscribers (per 100 people)	1.7	58.5	66.0
Population covered by mobile telephony (%)	..	..	95
Internet users (per 100 people)	8.4	36.1	22.2
Personal computers (per 100 people)	7.7	18.2	13.3
Households with a television set (%)	76	..	93
Quality			
Telephone faults (per 100 mainlines)	..	..	7.5
Broadband subscribers (per 100 people)	0.11	4.55	3.57
International Internet bandwidth (bits per person)	70	420	242
Affordability			
Price basket for residential fixed line (\$ a month)	14.6	13.8	11.4
Price basket for mobile telephone service (\$ a month)	..	12.4	10.9
Price basket for Internet service (\$ a month)	..	16.5	11.7
Price of call to United States (\$ for 3 minutes)	..	..	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	5.0	10.7	3.6
Telephone subscribers per employee	132	..	594
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.37	0.54
Secure Internet servers (per million people)	84.4	384.7	21.1

Dominican Republic

Latin America & Caribbean

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006

Economic and social context

Population (millions)	9	10	2,276
Urban population (% of total)	62	68	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	2,050	2,910	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	7.8	3.9	7.6
Adult literacy rate (% ages 15 and older)	87	..	89
Gross primary, secondary, and tertiary enrollment (%)	71	74	71

Sector structure

Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.2	4.3

Sector performance

Access

Telephone mainlines (per 100 people)	10.2	9.3	21.6
International voice traffic (minutes per person)	175	..	21
Mobile telephone subscribers (per 100 people)	8.1	47.9	38.1
Population covered by mobile telephony (%)	..	90	..
Internet users (per 100 people)	3.7	20.8	11.4
Personal computers (per 100 people)	1.9	2.2	4.3
Households with a television set (%)	74	76	80

Quality

Telephone faults (per 100 mainlines)	..	..	22.0
Broadband subscribers (per 100 people)	..	0.69	3.23
International Internet bandwidth (bits per person)	6	6	189

Affordability

Price basket for residential fixed line (\$ a month)	18.1	18.2	8.2
Price basket for mobile telephone service (\$ a month)	..	8.6	9.8
Price basket for Internet service (\$ a month)	..	12.3	10.0
Price of call to United States (\$ for 3 minutes)	..	0.22	2.08

Institutional efficiency and sustainability

Telecommunications revenue (% of GDP)	..	0.5	2.1
Telephone subscribers per employee	99	..	599
Telecommunications investment (% of revenue)	..	192.0	27.1

Applications

Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.49	0.45
Secure Internet servers (per million people)	0.9	9.9	1.6

Ecuador

Latin America & Caribbean		Lower middle income	
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	12	13	2,276
Urban population (% of total)	60	63	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,340	2,910	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	0.7	5.3	7.6
Adult literacy rate (% ages 15 and older)	91	..	89
Gross primary, secondary, and tertiary enrollment (%)	..	..	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	P	C	
Internet service	P	C	
Government prioritization of sector (1–7, 7=highest)	..	3.0	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	10.0	13.3	21.6
International voice traffic (minutes per person)	43	216	21
Mobile telephone subscribers (per 100 people)	3.9	64.3	38.1
Population covered by mobile telephony (%)	85	67	..
Internet users (per 100 people)	1.5	11.7	11.4
Personal computers (per 100 people)	2.2	6.6	4.3
Households with a television set (%)	76	80	80
Quality			
Telephone faults (per 100 mainlines)	35.1	3.8	22.0
Broadband subscribers (per 100 people)	0.02	0.21	3.23
International Internet bandwidth (bits per person)	2	227	189
Affordability			
Price basket for residential fixed line (\$ a month)	9.8	7.9	8.2
Price basket for mobile telephone service (\$ a month)	..	18.9	9.8
Price basket for Internet service (\$ a month)	..	20.2	10.0
Price of call to United States (\$ for 3 minutes)	2.48	..	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.8	3.8	2.1
Telephone subscribers per employee	244	660	599
Telecommunications investment (% of revenue)	..	..	27.1
Applications			
Sector expenditure (% of GDP)	2.9	3.0	5.0
E-government readiness index (0–1, 1=most ready)	..	0.48	0.45
Secure Internet servers (per million people)	0.9	7.3	1.6

Egypt, Arab Rep.

Middle East & North Africa

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	67	74	2,276
Urban population (% of total)	43	43	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,460	1,360	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.2	4.0	7.6
Adult literacy rate (% ages 15 and older)	..	71	89
Gross primary, secondary, and tertiary enrollment (%)	80	77	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	P	P	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.4	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	8.2	14.6	21.6
International voice traffic (minutes per person)	12	30	21
Mobile telephone subscribers (per 100 people)	2.0	24.3	38.1
Population covered by mobile telephony (%)	96	98	..
Internet users (per 100 people)	0.7	8.1	11.4
Personal computers (per 100 people)	1.2	3.7	4.3
Households with a television set (%)	89	88	80
Quality			
Telephone faults (per 100 mainlines)	2.0	0.1	22.0
Broadband subscribers (per 100 people)	0.00	0.28	3.23
International Internet bandwidth (bits per person)	0	126	189
Affordability			
Price basket for residential fixed line (\$ a month)	4.3	4.0	8.2
Price basket for mobile telephone service (\$ a month)	..	5.8	9.8
Price basket for Internet service (\$ a month)	..	5.0	10.0
Price of call to United States (\$ for 3 minutes)	3.33	1.45	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.8	3.8	2.1
Telephone subscribers per employee	125	443	599
Telecommunications investment (% of revenue)	18.8	31.2	27.1
Applications			
Sector expenditure (% of GDP)	1.1	1.4	5.0
E-government readiness index (0–1, 1=most ready)	..	0.48	0.45
Secure Internet servers (per million people)	0.2	0.8	1.6

El Salvador

Latin America & Caribbean		Lower middle income	
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	6	7	2,276
Urban population (% of total)	58	60	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	2,030	2,680	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.3	2.5	7.6
Adult literacy rate (% ages 15 and older)	..	81	89
Gross primary, secondary, and tertiary enrollment (%)	64	70	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.1	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	10.1	15.3	21.6
International voice traffic (minutes per person)	137	410	21
Mobile telephone subscribers (per 100 people)	12.0	57.0	38.1
Population covered by mobile telephony (%)	85	95	..
Internet users (per 100 people)	1.1	9.6	11.4
Personal computers (per 100 people)	1.9	5.2	4.3
Households with a television set (%)	82	83	80
Quality			
Telephone faults (per 100 mainlines)	14.5	1.7	22.0
Broadband subscribers (per 100 people)	..	0.63	3.23
International Internet bandwidth (bits per person)	7	23	189
Affordability			
Price basket for residential fixed line (\$ a month)	16.3	2.0	8.2
Price basket for mobile telephone service (\$ a month)	..	8.5	9.8
Price basket for Internet service (\$ a month)	..	22.6	10.0
Price of call to United States (\$ for 3 minutes)	2.40	2.40	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	37.2	4.6	2.1
Telephone subscribers per employee	323	1,182	599
Telecommunications investment (% of revenue)	27.8	13.6	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.50	0.45
Secure Internet servers (per million people)	1.1	7.7	1.6

Equatorial Guinea

Sub-Saharan Africa

Upper middle income

	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.43	0.50	811
Urban population (% of total)	39	39	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,540	8,510	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	36.0	19.4	3.9
Adult literacy rate (% ages 15 and older)	87	..	93
Gross primary, secondary, and tertiary enrollment (%)	58	..	82
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	..	..
Internet service	<i>M</i>	<i>M</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	1.4	2.1	21.6
International voice traffic (minutes per person)	..	..	..
Mobile telephone subscribers (per 100 people)	1.2	20.0	66.0
Population covered by mobile telephony (%)	100	100	95
Internet users (per 100 people)	0.2	1.6	22.2
Personal computers (per 100 people)	0.5	1.9	13.3
Households with a television set (%)	23	26	93
Quality			
Telephone faults (per 100 mainlines)	..	..	7.5
Broadband subscribers (per 100 people)	..	0.04	3.57
International Internet bandwidth (bits per person)	0	35	242
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	11.4
Price basket for mobile telephone service (\$ a month)	..	..	10.9
Price basket for Internet service (\$ a month)	..	10.0	11.7
Price of call to United States (\$ for 3 minutes)	..	..	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.2	..	3.6
Telephone subscribers per employee	65	..	594
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.29	0.54
Secure Internet servers (per million people)	..	..	21.1

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	4	5	2,420
Urban population (% of total)	18	20	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	170	190	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	1.5	2.7	6.5
Adult literacy rate (% ages 15 and older)	..	..	61
Gross primary, secondary, and tertiary enrollment (%)	33	35	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	C	P	
Internet service	C	P	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.8	0.8	2.5
International voice traffic (minutes per person)	6	9	..
Mobile telephone subscribers (per 100 people)	..	1.3	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.1	2.1	4.2
Personal computers (per 100 people)	0.2	0.6	1.4
Households with a television set (%)	11	16	16
Quality			
Telephone faults (per 100 mainlines)	57.5	73.7	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	2	22
Affordability			
Price basket for residential fixed line (\$ a month)	5.3	6.2	6.1
Price basket for mobile telephone service (\$ a month)	..	..	10.0
Price basket for Internet service (\$ a month)	..	13.0	12.0
Price of call to United States (\$ for 3 minutes)	5.83	3.59	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.8	2.4	4.0
Telephone subscribers per employee	67	80	141
Telecommunications investment (% of revenue)	127.5	57.6	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.20	0.24
Secure Internet servers (per million people)	..	..	0.6

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	1	1	1,031
Urban population (% of total)	69	69	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	4,120	11,400	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.4	8.6	2.3
Adult literacy rate (% ages 15 and older)	100	..	99
Gross primary, secondary, and tertiary enrollment (%)	88	92	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>C</i>	<i>P</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	5.9	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	38.2	40.4	52.7
International voice traffic (minutes per person)	128	109	204
Mobile telephone subscribers (per 100 people)	40.7	123.6	90.1
Population covered by mobile telephony (%)	99	99	99
Internet users (per 100 people)	28.6	56.6	59.3
Personal computers (per 100 people)	16.1	48.3	56.7
Households with a television set (%)	91	93	98
Quality			
Telephone faults (per 100 mainlines)	19.2	..	5.8
Broadband subscribers (per 100 people)	1.27	17.00	19.20
International Internet bandwidth (bits per person)	137	11,175	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	9.4	15.6	26.6
Price basket for mobile telephone service (\$ a month)	..	8.6	17.0
Price basket for Internet service (\$ a month)	..	10.9	13.7
Price of call to United States (\$ for 3 minutes)	1.62	0.90	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	5.1	5.4	4.4
Telephone subscribers per employee	354	641	641
Telecommunications investment (% of revenue)	17.6	8.7	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	0.76	0.74
Secure Internet servers (per million people)	58.6	215.5	569.4

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	66	77	2,420
Urban population (% of total)	15	16	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	120	170	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.7	5.7	6.5
Adult literacy rate (% ages 15 and older)	..	36	61
Gross primary, secondary, and tertiary enrollment (%)	27	42	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	M	M	
Internet service	M	M	
Government prioritization of sector (1–7, 7=highest)	..	4.1	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.4	0.9	2.5
International voice traffic (minutes per person)	1	3	..
Mobile telephone subscribers (per 100 people)	0.0	1.1	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.0	0.2	4.2
Personal computers (per 100 people)	0.1	0.4	1.4
Households with a television set (%)	2	4	16
Quality			
Telephone faults (per 100 mainlines)	94.0	100.0	..
Broadband subscribers (per 100 people)	..	0.00	0.18
International Internet bandwidth (bits per person)	0	0	22
Affordability			
Price basket for residential fixed line (\$ a month)	3.1	2.2	6.1
Price basket for mobile telephone service (\$ a month)	..	3.1	10.0
Price basket for Internet service (\$ a month)	..	6.7	12.0
Price of call to United States (\$ for 3 minutes)	7.35	4.01	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.1	2.4	4.0
Telephone subscribers per employee	35	142	141
Telecommunications investment (% of revenue)	42.6	78.7	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.19	0.24
Secure Internet servers (per million people)	0.0	0.0	0.6

Faeroe Islands

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	..	0.05	1,031
Urban population (% of total)	36	39	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.3
Adult literacy rate (% ages 15 and older)	99
Gross primary, secondary, and tertiary enrollment (%)	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	
Level of competition (competition, partial comp., monopoly)			
International long distance service	
Mobile telephone service	
Internet service	
Government prioritization of sector (1–7, 7=highest)	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	..	47.7	52.7
International voice traffic (minutes per person)	204
Mobile telephone subscribers (per 100 people)	..	103.4	90.1
Population covered by mobile telephony (%)	98	100	99
Internet users (per 100 people)	..	70.5	59.3
Personal computers (per 100 people)	56.7
Households with a television set (%)	94	98	98
Quality			
Telephone faults (per 100 mainlines)	5.8
Broadband subscribers (per 100 people)	..	20.91	19.20
International Internet bandwidth (bits per person)	..	3,313	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	..	29.4	26.6
Price basket for mobile telephone service (\$ a month)	17.0
Price basket for Internet service (\$ a month)	13.7
Price of call to United States (\$ for 3 minutes)	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.4
Telephone subscribers per employee	178	227	641
Telecommunications investment (% of revenue)	16.9	3.7	16.1
Applications			
Sector expenditure (% of GDP)	7.2
E-government readiness index (0–1, 1=most ready)	0.74
Secure Internet servers (per million people)	..	62.1	569.4

East Asia & Pacific		Lower middle income	
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.80	0.83	2,276
Urban population (% of total)	48	51	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	2,250	3,720	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.2	2.6	7.6
Adult literacy rate (% ages 15 and older)	..	..	89
Gross primary, secondary, and tertiary enrollment (%)	73	75	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>M</i>	<i>M</i>	
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	10.8	13.6	21.6
International voice traffic (minutes per person)	69	..	21
Mobile telephone subscribers (per 100 people)	6.9	24.8	38.1
Population covered by mobile telephony (%)	40	60	..
Internet users (per 100 people)	1.5	9.6	11.4
Personal computers (per 100 people)	4.5	6.0	4.3
Households with a television set (%)	54	60	80
Quality			
Telephone faults (per 100 mainlines)	135.0	..	22.0
Broadband subscribers (per 100 people)	..	0.85	3.23
International Internet bandwidth (bits per person)	5	87	189
Affordability			
Price basket for residential fixed line (\$ a month)	5.5	9.5	8.2
Price basket for mobile telephone service (\$ a month)	..	11.0	9.8
Price basket for Internet service (\$ a month)	..	22.2	10.0
Price of call to United States (\$ for 3 minutes)	3.76	2.84	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	5.2	5.8	2.1
Telephone subscribers per employee	104	..	599
Telecommunications investment (% of revenue)	17.5	..	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.42	0.45
Secure Internet servers (per million people)	5.0	15.5	1.6

Finland

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	5	5	1,031
Urban population (% of total)	61	61	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	25,400	41,360	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.9	2.9	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	104	101	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.6	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	55.0	36.5	52.7
International voice traffic (minutes per person)	178	..	204
Mobile telephone subscribers (per 100 people)	72.0	107.7	90.1
Population covered by mobile telephony (%)	99	99	99
Internet users (per 100 people)	37.2	55.5	59.3
Personal computers (per 100 people)	39.6	50.0	56.7
Households with a television set (%)	92	94	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	0.39	27.12	19.20
International Internet bandwidth (bits per person)	347	4,311	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	19.4	28.7	26.6
Price basket for mobile telephone service (\$ a month)	..	6.7	17.0
Price basket for Internet service (\$ a month)	..	22.5	13.7
Price of call to United States (\$ for 3 minutes)	1.07	1.80	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.3	2.7	4.4
Telephone subscribers per employee	272	451	641
Telecommunications investment (% of revenue)	20.3	..	16.1
Applications			
Sector expenditure (% of GDP)	7.3	6.7	7.2
E-government readiness index (0–1, 1=most ready)	..	0.75	0.74
Secure Internet servers (per million people)	96.0	544.1	569.4

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	59	61	1,031
Urban population (% of total)	76	77	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	24,450	36,560	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.9	1.7	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	92	97	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>C</i>	<i>C</i>	
Mobile telephone service	<i>P</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.9	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	57.7	55.3	52.7
International voice traffic (minutes per person)	173	183	204
Mobile telephone subscribers (per 100 people)	49.3	84.3	90.1
Population covered by mobile telephony (%)	99	99	99
Internet users (per 100 people)	14.4	49.1	59.3
Personal computers (per 100 people)	30.4	57.5	56.7
Households with a television set (%)	94	97	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	0.33	20.73	19.20
International Internet bandwidth (bits per person)	1,148	3,286	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	18.4	29.0	26.6
Price basket for mobile telephone service (\$ a month)	..	29.4	17.0
Price basket for Internet service (\$ a month)	..	12.6	13.7
Price of call to United States (\$ for 3 minutes)	0.82	0.84	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.1	2.3	4.4
Telephone subscribers per employee	408	582	641
Telecommunications investment (% of revenue)	26.5	15.5	16.1
Applications			
Sector expenditure (% of GDP)	6.4	6.3	7.2
E-government readiness index (0–1, 1=most ready)	..	0.80	0.74
Secure Internet servers (per million people)	27.7	141.2	569.4

French Polynesia

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.24	0.26	1,031
Urban population (% of total)	52	52	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	16,070	..	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.5	..	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	..	..	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	..	..
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	22.7	20.7	52.7
International voice traffic (minutes per person)	..	..	204
Mobile telephone subscribers (per 100 people)	16.9	58.6	90.1
Population covered by mobile telephony (%)	70	97	99
Internet users (per 100 people)	6.4	25.1	59.3
Personal computers (per 100 people)	6.4	11.0	56.7
Households with a television set (%)	92	95	98
Quality			
Telephone faults (per 100 mainlines)	24.6	..	5.8
Broadband subscribers (per 100 people)	..	7.02	19.20
International Internet bandwidth (bits per person)	32	887	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	37.3	44.4	26.6
Price basket for mobile telephone service (\$ a month)	..	37.5	17.0
Price basket for Internet service (\$ a month)	..	69.3	13.7
Price of call to United States (\$ for 3 minutes)	3.67	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.6	..	4.4
Telephone subscribers per employee	105	..	641
Telecommunications investment (% of revenue)	..	..	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	..	0.74
Secure Internet servers (per million people)	16.7	53.3	569.4

Sub-Saharan Africa		Upper middle income	
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	1	1	811
Urban population (% of total)	80	84	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,220	5,360	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	0.3	1.7	3.9
Adult literacy rate (% ages 15 and older)	..	84	93
Gross primary, secondary, and tertiary enrollment (%)	70	..	82
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	P	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	..	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	3.3	2.8	21.6
International voice traffic (minutes per person)	47	74	..
Mobile telephone subscribers (per 100 people)	10.1	58.3	66.0
Population covered by mobile telephony (%)	13	78	95
Internet users (per 100 people)	1.3	6.2	22.2
Personal computers (per 100 people)	1.0	3.5	13.3
Households with a television set (%)	51	56	93
Quality			
Telephone faults (per 100 mainlines)	57.0	13.4	7.5
Broadband subscribers (per 100 people)	..	0.09	3.57
International Internet bandwidth (bits per person)	0	153	242
Affordability			
Price basket for residential fixed line (\$ a month)	23.4	32.4	11.4
Price basket for mobile telephone service (\$ a month)	..	14.9	10.9
Price basket for Internet service (\$ a month)	..	39.2	11.7
Price of call to United States (\$ for 3 minutes)	14.12	2.77	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.1	1.5	3.6
Telephone subscribers per employee	150	244	594
Telecommunications investment (% of revenue)	41.8	12.4	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.32	0.54
Secure Internet servers (per million people)	0.8	3.8	21.1

Gambia, The

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	1	2	2,420
Urban population (% of total)	49	55	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	310	290	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.6	3.9	6.5
Adult literacy rate (% ages 15 and older)	..	..	61
Gross primary, secondary, and tertiary enrollment (%)	45	50	57
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	M	P	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	2.4	3.2	2.5
International voice traffic (minutes per person)	..	..	..
Mobile telephone subscribers (per 100 people)	0.4	24.3	14.3
Population covered by mobile telephony (%)	20	..	40
Internet users (per 100 people)	0.9	3.6	4.2
Personal computers (per 100 people)	1.1	1.5	1.4
Households with a television set (%)	12	12	16
Quality			
Telephone faults (per 100 mainlines)	..	..	..
Broadband subscribers (per 100 people)	..	0.00	0.18
International Internet bandwidth (bits per person)	0	6	22
Affordability			
Price basket for residential fixed line (\$ a month)	3.9	..	6.1
Price basket for mobile telephone service (\$ a month)	..	..	10.0
Price basket for Internet service (\$ a month)	..	6.8	12.0
Price of call to United States (\$ for 3 minutes)	5.39	1.81	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	6.4	..	4.0
Telephone subscribers per employee	41	..	141
Telecommunications investment (% of revenue)	23.5	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.23	0.24
Secure Internet servers (per million people)	..	1.2	0.6

Europe & Central Asia		Lower middle income		
		Country data		Lower middle-income group
		2000	2006	2006
Economic and social context				
Population (millions)		5	4	2,276
Urban population (% of total)		53	52	47
GNI per capita, <i>World Bank Atlas</i> method (\$)		700	1,580	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)		5.7	7.8	7.6
Adult literacy rate (% ages 15 and older)		..	..	89
Gross primary, secondary, and tertiary enrollment (%)		74	76	71
Sector structure				
Separate telecommunications regulator		Yes	Yes	
Status of main fixed-line telephone operator		..	..
Level of competition (competition, partial comp., monopoly)				
International long distance service		P	C	
Mobile telephone service		C	C	
Internet service		C	C	
Government prioritization of sector (1–7, 7=highest)		..	3.8	4.3
Sector performance				
Access				
Telephone mainlines (per 100 people)		10.8	12.5	21.6
International voice traffic (minutes per person)		29	58	21
Mobile telephone subscribers (per 100 people)		4.1	38.4	38.1
Population covered by mobile telephony (%)		79	96	..
Internet users (per 100 people)		0.5	7.5	11.4
Personal computers (per 100 people)		2.4	4.7	4.3
Households with a television set (%)		81	89	80
Quality				
Telephone faults (per 100 mainlines)		26.3	..	22.0
Broadband subscribers (per 100 people)		0.01	0.61	3.23
International Internet bandwidth (bits per person)		2	7	189
Affordability				
Price basket for residential fixed line (\$ a month)		4.2	9.7	8.2
Price basket for mobile telephone service (\$ a month)		..	44.1	9.8
Price basket for Internet service (\$ a month)		..	9.9	10.0
Price of call to United States (\$ for 3 minutes)		2.88	..	2.08
Institutional efficiency and sustainability				
Telecommunications revenue (% of GDP)		3.5	7.3	2.1
Telephone subscribers per employee		69	197	599
Telecommunications investment (% of revenue)		65.4	30.9	27.1
Applications				
Sector expenditure (% of GDP)		..	..	5.0
E-government readiness index (0–1, 1=most ready)		..	0.46	0.45
Secure Internet servers (per million people)		2.1	7.7	1.6

Germany

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	82	82	1,031
Urban population (% of total)	75	75	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	25,510	36,810	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.0	0.8	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	89	88	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>C</i>	<i>C</i>	
Mobile telephone service	<i>P</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	5.0	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	61.1	65.8	52.7
International voice traffic (minutes per person)	191	..	204
Mobile telephone subscribers (per 100 people)	58.6	102.3	90.1
Population covered by mobile telephony (%)	99	99	99
Internet users (per 100 people)	30.2	46.9	59.3
Personal computers (per 100 people)	33.6	60.6	56.7
Households with a television set (%)	98	98	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	0.32	17.10	19.20
International Internet bandwidth (bits per person)	848	6,864	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	15.1	26.5	26.6
Price basket for mobile telephone service (\$ a month)	..	17.0	17.0
Price basket for Internet service (\$ a month)	..	7.5	13.7
Price of call to United States (\$ for 3 minutes)	0.34	0.43	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.7	2.9	4.4
Telephone subscribers per employee	409	559	641
Telecommunications investment (% of revenue)	17.4	8.5	16.1
Applications			
Sector expenditure (% of GDP)	6.1	6.2	7.2
E-government readiness index (0–1, 1=most ready)	..	0.71	0.74
Secure Internet servers (per million people)	62.6	459.7	569.4

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	20	23	2,420
Urban population (% of total)	44	49	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	320	510	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.4	5.3	6.5
Adult literacy rate (% ages 15 and older)	58	..	61
Gross primary, secondary, and tertiary enrollment (%)	46	53	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>P</i>	P	
Mobile telephone service	<i>C</i>	P	
Internet service	<i>C</i>	C	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	1.1	1.5	2.5
International voice traffic (minutes per person)	11	20	..
Mobile telephone subscribers (per 100 people)	0.6	22.6	14.3
Population covered by mobile telephony (%)	..	69	40
Internet users (per 100 people)	0.1	2.7	4.2
Personal computers (per 100 people)	0.3	0.6	1.4
Households with a television set (%)	22	26	16
Quality			
Telephone faults (per 100 mainlines)	67.4	5.6	..
Broadband subscribers (per 100 people)	..	0.06	0.18
International Internet bandwidth (bits per person)	0	9	22
Affordability			
Price basket for residential fixed line (\$ a month)	..	9.8	6.1
Price basket for mobile telephone service (\$ a month)	..	7.0	10.0
Price basket for Internet service (\$ a month)	..	11.9	12.0
Price of call to United States (\$ for 3 minutes)	1.65	0.39	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.8	..	4.0
Telephone subscribers per employee	91	563	141
Telecommunications investment (% of revenue)	29.5	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.30	0.24
Secure Internet servers (per million people)	0.0	0.4	0.6

Greece

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	11	11	1,031
Urban population (% of total)	59	59	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	14,430	27,390	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.5	4.4	2.3
Adult literacy rate (% ages 15 and older)	96	..	99
Gross primary, secondary, and tertiary enrollment (%)	81	99	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>P</i>	<i>P</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.4	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	51.8	55.5	52.7
International voice traffic (minutes per person)	154	182	204
Mobile telephone subscribers (per 100 people)	54.3	99.6	90.1
Population covered by mobile telephony (%)	99	100	99
Internet users (per 100 people)	9.2	18.4	59.3
Personal computers (per 100 people)	6.9	9.2	56.7
Households with a television set (%)	97	100	98
Quality			
Telephone faults (per 100 mainlines)	11.3	12.8	5.8
Broadband subscribers (per 100 people)	..	4.38	19.20
International Internet bandwidth (bits per person)	51	587	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	10.2	21.1	26.6
Price basket for mobile telephone service (\$ a month)	..	23.1	17.0
Price basket for Internet service (\$ a month)	..	10.2	13.7
Price of call to United States (\$ for 3 minutes)	0.69	1.09	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.2	3.4	4.4
Telephone subscribers per employee	451	632	641
Telecommunications investment (% of revenue)	42.3	9.4	16.1
Applications			
Sector expenditure (% of GDP)	3.5	3.2	7.2
E-government readiness index (0–1, 1=most ready)	..	0.57	0.74
Secure Internet servers (per million people)	10.6	52.8	569.4

Greenland

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.06	0.06	1,031
Urban population (% of total)	82	83	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	..	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	..	..	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	..	..	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	..	..
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	46.6	..	52.7
International voice traffic (minutes per person)	..	..	204
Mobile telephone subscribers (per 100 people)	28.4	56.6	90.1
Population covered by mobile telephony (%)	..	..	99
Internet users (per 100 people)	31.7	66.8	59.3
Personal computers (per 100 people)	..	..	56.7
Households with a television set (%)	..	..	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	..	..	19.20
International Internet bandwidth (bits per person)	107	..	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	31.0	36.3	26.6
Price basket for mobile telephone service (\$ a month)	..	6.8	17.0
Price basket for Internet service (\$ a month)	..	..	13.7
Price of call to United States (\$ for 3 minutes)	2.41	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	4.4
Telephone subscribers per employee	65	..	641
Telecommunications investment (% of revenue)	..	..	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	..	0.74
Secure Internet servers (per million people)	35.5	105.7	569.4

Grenada

Latin America & Caribbean	Upper middle income		
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.10	0.11	811
Urban population (% of total)	31	31	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,670	4,650	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	6.7	2.1	3.9
Adult literacy rate (% ages 15 and older)	..	..	93
Gross primary, secondary, and tertiary enrollment (%)	79	73	82
Sector structure			
Separate telecommunications regulator	..	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>M</i>	<i>M</i>	
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	30.9	25.6	21.6
International voice traffic (minutes per person)	638	625	..
Mobile telephone subscribers (per 100 people)	4.2	42.7	66.0
Population covered by mobile telephony (%)	65	..	95
Internet users (per 100 people)	4.1	18.2	22.2
Personal computers (per 100 people)	11.8	15.1	13.3
Households with a television set (%)	94	..	93
Quality			
Telephone faults (per 100 mainlines)	..	..	7.5
Broadband subscribers (per 100 people)	0.54	5.13	3.57
International Internet bandwidth (bits per person)	39	3,976	242
Affordability			
Price basket for residential fixed line (\$ a month)	15.5	15.1	11.4
Price basket for mobile telephone service (\$ a month)	..	11.6	10.9
Price basket for Internet service (\$ a month)	..	22.0	11.7
Price of call to United States (\$ for 3 minutes)	3.97	..	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	7.9	3.6
Telephone subscribers per employee	134	..	594
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.45	0.54
Secure Internet servers (per million people)	48.7	64.7	21.1

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.16	0.17	1,031
Urban population (% of total)	93	94	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	..	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	..	..	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	..	..	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	..	..
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	47.9	..	52.7
International voice traffic (minutes per person)	..	..	204
Mobile telephone subscribers (per 100 people)	17.5	59.1	90.1
Population covered by mobile telephony (%)	..	..	99
Internet users (per 100 people)	16.1	38.6	59.3
Personal computers (per 100 people)	..	..	56.7
Households with a television set (%)	88	..	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	1.11	..	19.20
International Internet bandwidth (bits per person)	..	..	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	..	14.6	26.6
Price basket for mobile telephone service (\$ a month)	..	9.9	17.0
Price basket for Internet service (\$ a month)	..	..	13.7
Price of call to United States (\$ for 3 minutes)	..	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	4.4
Telephone subscribers per employee	280	..	641
Telecommunications investment (% of revenue)	..	..	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	..	0.74
Secure Internet servers (per million people)	38.1	132.8	569.4

Guatemala

Latin America & Caribbean

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006

Economic and social context

Population (millions)	11	13	2,276
Urban population (% of total)	45	48	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,730	2,590	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.1	2.7	7.6
Adult literacy rate (% ages 15 and older)	69	..	89
Gross primary, secondary, and tertiary enrollment (%)	58	67	71

Sector structure

Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.2	4.3

Sector performance

Access

Telephone mainlines (per 100 people)	6.0	10.4	21.6
International voice traffic (minutes per person)	38	195	21
Mobile telephone subscribers (per 100 people)	7.6	55.1	38.1
Population covered by mobile telephony (%)	54	..	..
Internet users (per 100 people)	0.7	10.1	11.4
Personal computers (per 100 people)	1.2	2.1	4.3
Households with a television set (%)	39	50	80

Quality

Telephone faults (per 100 mainlines)	..	..	22.0
Broadband subscribers (per 100 people)	..	0.21	3.23
International Internet bandwidth (bits per person)	1	56	189

Affordability

Price basket for residential fixed line (\$ a month)	11.0	9.8	8.2
Price basket for mobile telephone service (\$ a month)	..	6.1	9.8
Price basket for Internet service (\$ a month)	..	54.3	10.0
Price of call to United States (\$ for 3 minutes)	0.76	1.21	2.08

Institutional efficiency and sustainability

Telecommunications revenue (% of GDP)	2.2	..	2.1
Telephone subscribers per employee	434	..	599
Telecommunications investment (% of revenue)	..	..	27.1

Applications

Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.43	0.45
Secure Internet servers (per million people)	1.0	6.9	1.6

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	8	9	2,420
Urban population (% of total)	31	33	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	410	400	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.4	2.9	6.5
Adult literacy rate (% ages 15 and older)	..	29	61
Gross primary, secondary, and tertiary enrollment (%)	31	45	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>P</i>	
Mobile telephone service	<i>C</i>	<i>P</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.3	0.3	2.5
International voice traffic (minutes per person)	4	..	..
Mobile telephone subscribers (per 100 people)	0.5	2.1	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.1	0.5	4.2
Personal computers (per 100 people)	0.4	0.5	1.4
Households with a television set (%)	9	11	16
Quality			
Telephone faults (per 100 mainlines)	62.6	..	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	0	22
Affordability			
Price basket for residential fixed line (\$ a month)	10.6	..	6.1
Price basket for mobile telephone service (\$ a month)	..	7.7	10.0
Price basket for Internet service (\$ a month)	..	5.9	12.0
Price of call to United States (\$ for 3 minutes)	5.15	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	0.9	..	4.0
Telephone subscribers per employee	82	..	141
Telecommunications investment (% of revenue)	17.8	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.14	0.24
Secure Internet servers (per million people)	..	..	0.6

Guinea-Bissau

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	1	2	2,420
Urban population (% of total)	30	30	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	160	190	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	-2.7	0.4	6.5
Adult literacy rate (% ages 15 and older)	..	..	61
Gross primary, secondary, and tertiary enrollment (%)	37	..	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>C</i>	<i>P</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.8	0.6	2.5
International voice traffic (minutes per person)	9	..	..
Mobile telephone subscribers (per 100 people)	..	5.9	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.2	2.2	4.2
Personal computers (per 100 people)	0.2	0.2	1.4
Households with a television set (%)	20	31	16
Quality			
Telephone faults (per 100 mainlines)	70.5	..	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	1	22
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	6.1
Price basket for mobile telephone service (\$ a month)	..	21.9	10.0
Price basket for Internet service (\$ a month)	..	15.0	12.0
Price of call to United States (\$ for 3 minutes)	..	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	4.0
Telephone subscribers per employee	46	..	141
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.15	0.24
Secure Internet servers (per million people)	..	..	0.6

Latin America & Caribbean

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.73	0.74	2,276
Urban population (% of total)	29	28	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	890	1,150	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.5	1.0	7.6
Adult literacy rate (% ages 15 and older)	..	..	89
Gross primary, secondary, and tertiary enrollment (%)	76	85	71
Sector structure			
Separate telecommunications regulator	..	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	4.4	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	9.3	14.9	21.6
International voice traffic (minutes per person)	97	118	21
Mobile telephone subscribers (per 100 people)	5.4	38.0	38.1
Population covered by mobile telephony (%)	..	95	..
Internet users (per 100 people)	6.8	21.6	11.4
Personal computers (per 100 people)	3.0	3.9	4.3
Households with a television set (%)	82	92	80
Quality			
Telephone faults (per 100 mainlines)	87.0	..	22.0
Broadband subscribers (per 100 people)	..	0.27	3.23
International Internet bandwidth (bits per person)	11	49	189
Affordability			
Price basket for residential fixed line (\$ a month)	1.6	4.8	8.2
Price basket for mobile telephone service (\$ a month)	..	7.5	9.8
Price basket for Internet service (\$ a month)	..	12.5	10.0
Price of call to United States (\$ for 3 minutes)	3.89	..	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	10.0	..	2.1
Telephone subscribers per employee	164	439	599
Telecommunications investment (% of revenue)	20.2	..	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.44	0.45
Secure Internet servers (per million people)	..	2.7	1.6

Haiti

Latin America & Caribbean

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	9	9	2,420
Urban population (% of total)	36	39	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	470	430	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.4	–0.3	6.5
Adult literacy rate (% ages 15 and older)	..	..	61
Gross primary, secondary, and tertiary enrollment (%)	..	..	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	<i>Mixed</i>	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>P</i>	
Mobile telephone service	<i>P</i>	<i>P</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.8	1.6	2.5
International voice traffic (minutes per person)	..	..	..
Mobile telephone subscribers (per 100 people)	0.6	5.4	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.2	6.9	4.2
Personal computers (per 100 people)	0.1	0.2	1.4
Households with a television set (%)	23	27	16
Quality			
Telephone faults (per 100 mainlines)	..	..	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	5	17	22
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	6.1
Price basket for mobile telephone service (\$ a month)	..	4.5	10.0
Price basket for Internet service (\$ a month)	..	12.0	12.0
Price of call to United States (\$ for 3 minutes)	..	2.15	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	4.0
Telephone subscribers per employee	32	92	141
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.21	0.24
Secure Internet servers (per million people)	0.1	0.5	0.6

Honduras

Latin America & Caribbean

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	6	7	2,276
Urban population (% of total)	44	47	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	890	1,270	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.8	4.0	7.6
Adult literacy rate (% ages 15 and older)	80	..	89
Gross primary, secondary, and tertiary enrollment (%)	62	71	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	M	
Mobile telephone service	P	M	
Internet service	C	..	
Government prioritization of sector (1–7, 7=highest)	..	4.2	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	4.8	10.2	21.6
International voice traffic (minutes per person)	47	96	21
Mobile telephone subscribers (per 100 people)	2.5	32.2	38.1
Population covered by mobile telephony (%)	83	..	..
Internet users (per 100 people)	1.2	4.8	11.4
Personal computers (per 100 people)	1.1	1.8	4.3
Households with a television set (%)	44	58	80
Quality			
Telephone faults (per 100 mainlines)	3.2	..	22.0
Broadband subscribers (per 100 people)	..	..	3.23
International Internet bandwidth (bits per person)	2	6	189
Affordability			
Price basket for residential fixed line (\$ a month)	7.0	5.9	8.2
Price basket for mobile telephone service (\$ a month)	..	10.8	9.8
Price basket for Internet service (\$ a month)	..	12.0	10.0
Price of call to United States (\$ for 3 minutes)	3.97	2.52	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	5.1	7.1	2.1
Telephone subscribers per employee	107	187	599
Telecommunications investment (% of revenue)	16.2	23.5	27.1
Applications			
Sector expenditure (% of GDP)	4.2	4.6	5.0
E-government readiness index (0–1, 1=most ready)	..	0.40	0.45
Secure Internet servers (per million people)	0.6	4.8	1.6

Hong Kong, China

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	7	7	1,031
Urban population (% of total)	100	100	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	27,000	29,040	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.6	4.8	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	..	76	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	..	..
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	5.4	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	58.9	56.1	52.7
International voice traffic (minutes per person)	754	1,179	204
Mobile telephone subscribers (per 100 people)	81.7	136.4	90.1
Population covered by mobile telephony (%)	100	100	99
Internet users (per 100 people)	27.8	55.0	59.3
Personal computers (per 100 people)	40.2	61.2	56.7
Households with a television set (%)	98	99	98
Quality			
Telephone faults (per 100 mainlines)	1.1	1.3	5.8
Broadband subscribers (per 100 people)	6.67	26.20	19.20
International Internet bandwidth (bits per person)	627	13,439	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	12.6	12.6	26.6
Price basket for mobile telephone service (\$ a month)	..	2.2	17.0
Price basket for Internet service (\$ a month)	..	3.9	13.7
Price of call to United States (\$ for 3 minutes)	2.62	0.77	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.4	3.7	4.4
Telephone subscribers per employee	243	657	641
Telecommunications investment (% of revenue)	12.0	18.3	16.1
Applications			
Sector expenditure (% of GDP)	7.0	8.8	7.2
E-government readiness index (0–1, 1=most ready)	..	..	0.74
Secure Internet servers (per million people)	80.1	240.9	569.4

Hungary

Europe & Central Asia

Upper middle income

	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	10	10	811
Urban population (% of total)	65	67	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	4,620	10,870	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.2	4.3	3.9
Adult literacy rate (% ages 15 and older)	..	..	93
Gross primary, secondary, and tertiary enrollment (%)	80	89	82
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	P	P	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.8	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	37.2	33.3	21.6
International voice traffic (minutes per person)	66	105	..
Mobile telephone subscribers (per 100 people)	30.1	99.0	66.0
Population covered by mobile telephony (%)	95	99	95
Internet users (per 100 people)	7.0	34.8	22.2
Personal computers (per 100 people)	8.5	14.9	13.3
Households with a television set (%)	96	96	93
Quality			
Telephone faults (per 100 mainlines)	12.4	8.2	7.5
Broadband subscribers (per 100 people)	0.03	9.70	3.57
International Internet bandwidth (bits per person)	100	993	242
Affordability			
Price basket for residential fixed line (\$ a month)	14.4	23.6	11.4
Price basket for mobile telephone service (\$ a month)	..	12.1	10.9
Price basket for Internet service (\$ a month)	..	10.5	11.7
Price of call to United States (\$ for 3 minutes)	1.28	1.01	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	6.7	4.4	3.6
Telephone subscribers per employee	330	780	594
Telecommunications investment (% of revenue)	16.9	9.1	..
Applications			
Sector expenditure (% of GDP)	7.1	6.0	5.2
E-government readiness index (0–1, 1=most ready)	..	0.65	0.54
Secure Internet servers (per million people)	12.5	59.1	21.1

Iceland

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.28	0.30	1,031
Urban population (% of total)	92	93	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	30,750	49,960	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.0	4.1	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	90	95	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.6	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	69.9	64.2	52.7
International voice traffic (minutes per person)	441	240	204
Mobile telephone subscribers (per 100 people)	76.5	108.9	90.1
Population covered by mobile telephony (%)	99	99	99
Internet users (per 100 people)	44.5	64.3	59.3
Personal computers (per 100 people)	39.1	47.9	56.7
Households with a television set (%)	98	98	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	0.84	29.07	19.20
International Internet bandwidth (bits per person)	157	7,290	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	17.2	..	26.6
Price basket for mobile telephone service (\$ a month)	..	13.2	17.0
Price basket for Internet service (\$ a month)	..	53.5	13.7
Price of call to United States (\$ for 3 minutes)	0.84	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.4	2.9	4.4
Telephone subscribers per employee	298	328	641
Telecommunications investment (% of revenue)	33.6	19.5	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	0.72	0.74
Secure Internet servers (per million people)	301.8	1,455.9	569.4

South Asia

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	1,016	1,110	2,420
Urban population (% of total)	28	29	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	450	820	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.9	7.4	6.5
Adult literacy rate (% ages 15 and older)	61	..	61
Gross primary, secondary, and tertiary enrollment (%)	55	64	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	P	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.7	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	3.2	3.7	2.5
International voice traffic (minutes per person)	2	..	..
Mobile telephone subscribers (per 100 people)	0.4	15.0	14.3
Population covered by mobile telephony (%)	21	61	40
Internet users (per 100 people)	0.5	5.5	4.2
Personal computers (per 100 people)	0.5	1.6	1.4
Households with a television set (%)	30	32	16
Quality			
Telephone faults (per 100 mainlines)	165.5	..	..
Broadband subscribers (per 100 people)	0.00	0.21	0.18
International Internet bandwidth (bits per person)	1	24	22
Affordability			
Price basket for residential fixed line (\$ a month)	6.0	3.3	6.1
Price basket for mobile telephone service (\$ a month)	..	2.5	10.0
Price basket for Internet service (\$ a month)	..	6.6	12.0
Price of call to United States (\$ for 3 minutes)	3.36	1.19	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.5	2.0	4.0
Telephone subscribers per employee	85	..	141
Telecommunications investment (% of revenue)	49.3	..	..
Applications			
Sector expenditure (% of GDP)	3.6	6.1	6.1
E-government readiness index (0–1, 1=most ready)	..	0.38	0.24
Secure Internet servers (per million people)	0.1	1.0	0.6

Indonesia

East Asia & Pacific	Lower middle income		
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	206	223	2,276
Urban population (% of total)	42	49	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	590	1,420	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	–0.6	4.9	7.6
Adult literacy rate (% ages 15 and older)	..	90	89
Gross primary, secondary, and tertiary enrollment (%)	63	68	71
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>P</i>	<i>P</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	3.0	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	3.2	6.6	21.6
International voice traffic (minutes per person)	4	5	21
Mobile telephone subscribers (per 100 people)	1.8	28.6	38.1
Population covered by mobile telephony (%)	89	90	..
Internet users (per 100 people)	0.9	7.3	11.4
Personal computers (per 100 people)	1.0	1.5	4.3
Households with a television set (%)	54	65	80
Quality			
Telephone faults (per 100 mainlines)	16.0	..	22.0
Broadband subscribers (per 100 people)	0.00	0.05	3.23
International Internet bandwidth (bits per person)	1	7	189
Affordability			
Price basket for residential fixed line (\$ a month)	3.5	5.8	8.2
Price basket for mobile telephone service (\$ a month)	..	4.3	9.8
Price basket for Internet service (\$ a month)	..	6.6	10.0
Price of call to United States (\$ for 3 minutes)	3.90	2.79	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.4	2.2	2.1
Telephone subscribers per employee	259	1,084	599
Telecommunications investment (% of revenue)	11.4	28.3	27.1
Applications			
Sector expenditure (% of GDP)	2.5	3.1	5.0
E-government readiness index (0–1, 1=most ready)	..	0.41	0.45
Secure Internet servers (per million people)	0.3	0.7	1.6

Iran, Islamic Rep.

Middle East & North Africa

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006

Economic and social context

Population (millions)	64	70	2,276
Urban population (% of total)	64	67	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,670	2,930	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.7	5.6	7.6
Adult literacy rate (% ages 15 and older)	77	82	89
Gross primary, secondary, and tertiary enrollment (%)	69	73	71

Sector structure

Separate telecommunications regulator	..	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	P	
Mobile telephone service	M	P	
Internet service	M	P	
Government prioritization of sector (1–7, 7=highest)	..	..	4.3

Sector performance

Access

Telephone mainlines (per 100 people)	14.8	31.4	21.6
International voice traffic (minutes per person)	7	9	21
Mobile telephone subscribers (per 100 people)	1.5	19.5	38.1
Population covered by mobile telephony (%)	32	90	..
Internet users (per 100 people)	1.0	25.7	11.4
Personal computers (per 100 people)	6.3	10.6	4.3
Households with a television set (%)	68	..	80

Quality

Telephone faults (per 100 mainlines)	..	..	22.0
Broadband subscribers (per 100 people)	0.00	0.66	3.23
International Internet bandwidth (bits per person)	1	53	189

Affordability

Price basket for residential fixed line (\$ a month)	10.8	2.1	8.2
Price basket for mobile telephone service (\$ a month)	..	2.7	9.8
Price basket for Internet service (\$ a month)	..	2.3	10.0
Price of call to United States (\$ for 3 minutes)	7.65	0.55	2.08

Institutional efficiency and sustainability

Telecommunications revenue (% of GDP)	1.1	1.4	2.1
Telephone subscribers per employee	221	856	599
Telecommunications investment (% of revenue)	6.0	74.5	27.1

Applications

Sector expenditure (% of GDP)	1.5	2.4	5.0
E-government readiness index (0–1, 1=most ready)	..	0.41	0.45
Secure Internet servers (per million people)	0.0	0.3	1.6

Iraq

Middle East & North Africa		Lower middle income	
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	24	..	2,276
Urban population (% of total)	68	67	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	..	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	17.9	–11.4	7.6
Adult literacy rate (% ages 15 and older)	74	..	89
Gross primary, secondary, and tertiary enrollment (%)	53	60	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	..	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	2.7	3.8	21.6
International voice traffic (minutes per person)	..	..	21
Mobile telephone subscribers (per 100 people)	0.1	2.1	38.1
Population covered by mobile telephony (%)	..	72	..
Internet users (per 100 people)	0.0	0.1	11.4
Personal computers (per 100 people)	0.8	..	4.3
Households with a television set (%)	..	..	80
Quality			
Telephone faults (per 100 mainlines)	..	..	22.0
Broadband subscribers (per 100 people)	..	..	3.23
International Internet bandwidth (bits per person)	..	..	189
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	8.2
Price basket for mobile telephone service (\$ a month)	..	2.6	9.8
Price basket for Internet service (\$ a month)	..	..	10.0
Price of call to United States (\$ for 3 minutes)	..	..	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	2.1
Telephone subscribers per employee	..	..	599
Telecommunications investment (% of revenue)	..	..	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.27	0.45
Secure Internet servers (per million people)	..	0.0	1.6

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	4	4	1,031
Urban population (% of total)	59	61	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	23,160	44,830	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	9.8	5.1	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	91	100	92
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	P	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.1	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	48.1	49.1	52.7
International voice traffic (minutes per person)	710	..	204
Mobile telephone subscribers (per 100 people)	64.7	109.9	90.1
Population covered by mobile telephony (%)	98	99	99
Internet users (per 100 people)	17.8	33.7	59.3
Personal computers (per 100 people)	35.7	52.8	56.7
Households with a television set (%)	95	98	98
Quality			
Telephone faults (per 100 mainlines)	7.1	3.2	5.8
Broadband subscribers (per 100 people)	0.27	12.12	19.20
International Internet bandwidth (bits per person)	241	5,912	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	28.6	39.5	26.6
Price basket for mobile telephone service (\$ a month)	..	19.3	17.0
Price basket for Internet service (\$ a month)	..	31.4	13.7
Price of call to United States (\$ for 3 minutes)	0.80	0.71	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.7	2.4	4.4
Telephone subscribers per employee	246	406	641
Telecommunications investment (% of revenue)	14.3	7.1	16.1
Applications			
Sector expenditure (% of GDP)	5.6	4.3	7.2
E-government readiness index (0–1, 1=most ready)	..	0.73	0.74
Secure Internet servers (per million people)	90.5	556.3	569.4

Isle of Man

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.07	0.08	1,031
Urban population (% of total)	52	52	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	23,170	40,600	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	10.4	5.8	2.3
Adult literacy rate (% ages 15 and older)	99
Gross primary, secondary, and tertiary enrollment (%)	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	
Level of competition (competition, partial comp., monopoly)			
International long distance service	
Mobile telephone service	
Internet service	
Government prioritization of sector (1–7, 7=highest)	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	52.7
International voice traffic (minutes per person)	204
Mobile telephone subscribers (per 100 people)	90.1
Population covered by mobile telephony (%)	99
Internet users (per 100 people)	59.3
Personal computers (per 100 people)	56.7
Households with a television set (%)	98
Quality			
Telephone faults (per 100 mainlines)	5.8
Broadband subscribers (per 100 people)	19.20
International Internet bandwidth (bits per person)	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	26.6
Price basket for mobile telephone service (\$ a month)	17.0
Price basket for Internet service (\$ a month)	13.7
Price of call to United States (\$ for 3 minutes)	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.4
Telephone subscribers per employee	641
Telecommunications investment (% of revenue)	16.1
Applications			
Sector expenditure (% of GDP)	7.2
E-government readiness index (0–1, 1=most ready)	0.74
Secure Internet servers (per million people)	81.8	26.1	569.4

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	6	7	1,031
Urban population (% of total)	91	92	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	17,890	20,170	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.4	2.6	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	88	90	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	..	
Government prioritization of sector (1–7, 7=highest)	..	4.9	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	47.3	42.6	52.7
International voice traffic (minutes per person)	268	364	204
Mobile telephone subscribers (per 100 people)	70.0	119.2	90.1
Population covered by mobile telephony (%)	97	100	99
Internet users (per 100 people)	20.2	26.9	59.3
Personal computers (per 100 people)	25.3	122.1	56.7
Households with a television set (%)	92	92	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	0.68	20.16	19.20
International Internet bandwidth (bits per person)	53	2,455	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	11.6	10.5	26.6
Price basket for mobile telephone service (\$ a month)	..	9.3	17.0
Price basket for Internet service (\$ a month)	..	22.2	13.7
Price of call to United States (\$ for 3 minutes)	..	0.59	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.1	4.2	4.4
Telephone subscribers per employee	618	692	641
Telecommunications investment (% of revenue)	16.1	..	16.1
Applications			
Sector expenditure (% of GDP)	7.8	7.9	7.2
E-government readiness index (0–1, 1=most ready)	..	0.74	0.74
Secure Internet servers (per million people)	46.7	228.6	569.4

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	57	59	1,031
Urban population (% of total)	67	68	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	20,900	31,990	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	1.9	0.7	2.3
Adult literacy rate (% ages 15 and older)	98	..	99
Gross primary, secondary, and tertiary enrollment (%)	81	91	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.1	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	47.7	42.7	52.7
International voice traffic (minutes per person)	158	236	204
Mobile telephone subscribers (per 100 people)	74.2	122.0	90.1
Population covered by mobile telephony (%)	100	100	99
Internet users (per 100 people)	23.2	49.0	59.3
Personal computers (per 100 people)	18.1	36.7	56.7
Households with a television set (%)	98	96	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	0.20	14.68	19.20
International Internet bandwidth (bits per person)	168	2,044	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	18.9	24.9	26.6
Price basket for mobile telephone service (\$ a month)	..	14.1	17.0
Price basket for Internet service (\$ a month)	..	25.0	13.7
Price of call to United States (\$ for 3 minutes)	0.81	0.79	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.2	3.0	4.4
Telephone subscribers per employee	915	1,116	641
Telecommunications investment (% of revenue)	26.7	16.0	16.1
Applications			
Sector expenditure (% of GDP)	4.7	4.3	7.2
E-government readiness index (0–1, 1=most ready)	..	0.67	0.74
Secure Internet servers (per million people)	18.3	73.6	569.4

Latin America & Caribbean

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	3	3	2,276
Urban population (% of total)	52	53	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	2,930	3,560	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	–0.1	1.8	7.6
Adult literacy rate (% ages 15 and older)	80	..	89
Gross primary, secondary, and tertiary enrollment (%)	74	78	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	C	..	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.0	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	19.1	12.0	21.6
International voice traffic (minutes per person)	155	233	21
Mobile telephone subscribers (per 100 people)	14.2	105.6	38.1
Population covered by mobile telephony (%)	80	95	..
Internet users (per 100 people)	3.1	46.4	11.4
Personal computers (per 100 people)	4.6	6.7	4.3
Households with a television set (%)	69	70	80
Quality			
Telephone faults (per 100 mainlines)	48.0	31.0	22.0
Broadband subscribers (per 100 people)	0.12	1.70	3.23
International Internet bandwidth (bits per person)	28	15,822	189
Affordability			
Price basket for residential fixed line (\$ a month)	5.0	9.1	8.2
Price basket for mobile telephone service (\$ a month)	..	7.5	9.8
Price basket for Internet service (\$ a month)	..	26.5	10.0
Price of call to United States (\$ for 3 minutes)	..	0.87	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	5.9	4.9	2.1
Telephone subscribers per employee	268	678	599
Telecommunications investment (% of revenue)	32.5	36.7	27.1
Applications			
Sector expenditure (% of GDP)	10.3	10.2	5.0
E-government readiness index (0–1, 1=most ready)	..	0.47	0.45
Secure Internet servers (per million people)	1.9	28.4	1.6

Japan

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	127	128	1,031
Urban population (% of total)	65	66	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	34,620	38,630	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	0.6	1.5	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	83	86	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.8	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	48.8	43.2	52.7
International voice traffic (minutes per person)	30	43	204
Mobile telephone subscribers (per 100 people)	52.6	79.6	90.1
Population covered by mobile telephony (%)	99	99	99
Internet users (per 100 people)	30.0	68.5	59.3
Personal computers (per 100 people)	31.5	67.6	56.7
Households with a television set (%)	99	99	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	0.67	20.16	19.20
International Internet bandwidth (bits per person)	57	1,038	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	..	26.1	26.6
Price basket for mobile telephone service (\$ a month)	..	20.4	17.0
Price basket for Internet service (\$ a month)	..	13.1	13.7
Price of call to United States (\$ for 3 minutes)	1.67	1.63	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.6	3.7	4.4
Telephone subscribers per employee	830	1,722	641
Telecommunications investment (% of revenue)	26.8	14.6	16.1
Applications			
Sector expenditure (% of GDP)	8.6	7.9	7.2
E-government readiness index (0–1, 1=most ready)	..	0.77	0.74
Secure Internet servers (per million people)	40.5	400.2	569.4

Middle East & North Africa		Lower middle income	
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	5	6	2,276
Urban population (% of total)	80	83	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,790	2,650	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.2	6.1	7.6
Adult literacy rate (% ages 15 and older)	..	91	89
Gross primary, secondary, and tertiary enrollment (%)	76	78	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>P</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	5.2	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	12.9	11.1	21.6
International voice traffic (minutes per person)	80	139	21
Mobile telephone subscribers (per 100 people)	8.1	78.4	38.1
Population covered by mobile telephony (%)	99	99	..
Internet users (per 100 people)	2.7	14.4	11.4
Personal computers (per 100 people)	3.1	6.6	4.3
Households with a television set (%)	97	96	80
Quality			
Telephone faults (per 100 mainlines)	18.2	7.9	22.0
Broadband subscribers (per 100 people)	0.01	0.88	3.23
International Internet bandwidth (bits per person)	18	57	189
Affordability			
Price basket for residential fixed line (\$ a month)	8.8	10.0	8.2
Price basket for mobile telephone service (\$ a month)	..	6.9	9.8
Price basket for Internet service (\$ a month)	..	10.9	10.0
Price of call to United States (\$ for 3 minutes)	2.86	1.44	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	6.7	7.8	2.1
Telephone subscribers per employee	158	707	599
Telecommunications investment (% of revenue)	38.5	20.8	27.1
Applications			
Sector expenditure (% of GDP)	8.8	8.0	5.0
E-government readiness index (0–1, 1=most ready)	..	0.55	0.45
Secure Internet servers (per million people)	0.4	5.9	1.6

Kazakhstan

Europe & Central Asia	Upper middle income		
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	15	15	811
Urban population (% of total)	56	58	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,270	3,870	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	1.9	10.1	3.9
Adult literacy rate (% ages 15 and older)	100	..	93
Gross primary, secondary, and tertiary enrollment (%)	79	94	82
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>C</i>	<i>C</i>	
Mobile telephone service	<i>P</i>	<i>P</i>	
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	5.1	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	12.3	19.1	21.6
International voice traffic (minutes per person)	19	..	..
Mobile telephone subscribers (per 100 people)	1.3	51.2	66.0
Population covered by mobile telephony (%)	94	..	95
Internet users (per 100 people)	0.7	8.1	22.2
Personal computers (per 100 people)	..	..	13.3
Households with a television set (%)	92	..	93
Quality			
Telephone faults (per 100 mainlines)	..	..	7.5
Broadband subscribers (per 100 people)	..	0.20	3.57
International Internet bandwidth (bits per person)	1	63	242
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	11.4
Price basket for mobile telephone service (\$ a month)	..	11.4	10.9
Price basket for Internet service (\$ a month)	..	15.8	11.7
Price of call to United States (\$ for 3 minutes)	2.76	..	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.5	2.6	3.6
Telephone subscribers per employee	66	98	594
Telecommunications investment (% of revenue)	26.7	..	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.47	0.54
Secure Internet servers (per million people)	0.5	1.0	21.1

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	31	37	2,420
Urban population (% of total)	20	21	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	420	580	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.1	3.9	6.5
Adult literacy rate (% ages 15 and older)	74	..	61
Gross primary, secondary, and tertiary enrollment (%)	53	61	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	P	P	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.1	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.9	0.8	2.5
International voice traffic (minutes per person)	3	6	..
Mobile telephone subscribers (per 100 people)	0.4	17.7	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.3	7.6	4.2
Personal computers (per 100 people)	0.5	1.4	1.4
Households with a television set (%)	15	18	16
Quality			
Telephone faults (per 100 mainlines)	220.9	145.4	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	21	22
Affordability			
Price basket for residential fixed line (\$ a month)	6.6	13.9	6.1
Price basket for mobile telephone service (\$ a month)	..	16.6	10.0
Price basket for Internet service (\$ a month)	..	15.8	12.0
Price of call to United States (\$ for 3 minutes)	7.35	3.00	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.4	4.6	4.0
Telephone subscribers per employee	21	220	141
Telecommunications investment (% of revenue)	88.5	111.6	..
Applications			
Sector expenditure (% of GDP)	2.8	2.4	6.1
E-government readiness index (0–1, 1=most ready)	..	0.35	0.24
Secure Internet servers (per million people)	0.0	0.8	0.6

Kiribati

East Asia & Pacific		Lower middle income	
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.09	0.10	2,276
Urban population (% of total)	43	48	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,030	1,240	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	6.4	1.4	7.6
Adult literacy rate (% ages 15 and older)	..	..	89
Gross primary, secondary, and tertiary enrollment (%)	81	75	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	3.7	..	21.6
International voice traffic (minutes per person)	24	..	21
Mobile telephone subscribers (per 100 people)	0.3	0.6	38.1
Population covered by mobile telephony (%)	..	..	..
Internet users (per 100 people)	1.7	2.0	11.4
Personal computers (per 100 people)	0.9	1.0	4.3
Households with a television set (%)	22	26	80
Quality			
Telephone faults (per 100 mainlines)	..	..	22.0
Broadband subscribers (per 100 people)	..	..	3.23
International Internet bandwidth (bits per person)	1	..	189
Affordability			
Price basket for residential fixed line (\$ a month)	11.6	13.0	8.2
Price basket for mobile telephone service (\$ a month)	..	12.7	9.8
Price basket for Internet service (\$ a month)	..	..	10.0
Price of call to United States (\$ for 3 minutes)	6.98	8.82	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	8.7	..	2.1
Telephone subscribers per employee	28	..	599
Telecommunications investment (% of revenue)	..	..	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	..	0.45
Secure Internet servers (per million people)	..	..	1.6

Korea, Dem. Rep.

East Asia & Pacific

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	23	24	2,420
Urban population (% of total)	60	62	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	6.5
Adult literacy rate (% ages 15 and older)	61
Gross primary, secondary, and tertiary enrollment (%)	57
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	
Internet service	
Government prioritization of sector (1–7, 7=highest)
Sector performance			
Access			
Telephone mainlines (per 100 people)	2.2	4.2	2.5
International voice traffic (minutes per person)
Mobile telephone subscribers (per 100 people)	14.3
Population covered by mobile telephony (%)	40
Internet users (per 100 people)	4.2
Personal computers (per 100 people)	1.4
Households with a television set (%)	16
Quality			
Telephone faults (per 100 mainlines)
Broadband subscribers (per 100 people)	0.18
International Internet bandwidth (bits per person)	22
Affordability			
Price basket for residential fixed line (\$ a month)	6.1
Price basket for mobile telephone service (\$ a month)	10.0
Price basket for Internet service (\$ a month)	12.0
Price of call to United States (\$ for 3 minutes)	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.0
Telephone subscribers per employee	141
Telecommunications investment (% of revenue)
Applications			
Sector expenditure (% of GDP)	6.1
E-government readiness index (0–1, 1=most ready)	0.24
Secure Internet servers (per million people)	0.6

Korea, Rep.

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	47	48	1,031
Urban population (% of total)	80	81	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	9,800	17,690	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.5	4.6	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	90	97	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Mixed	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.5	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	55.0	55.5	52.7
International voice traffic (minutes per person)	38	92	204
Mobile telephone subscribers (per 100 people)	57.0	83.0	90.1
Population covered by mobile telephony (%)	99	99	99
Internet users (per 100 people)	40.5	70.5	59.3
Personal computers (per 100 people)	39.6	53.2	56.7
Households with a television set (%)	..	..	98
Quality			
Telephone faults (per 100 mainlines)	1.8	1.0	5.8
Broadband subscribers (per 100 people)	8.23	29.00	19.20
International Internet bandwidth (bits per person)	48	1,028	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	7.1	8.3	26.6
Price basket for mobile telephone service (\$ a month)	..	14.2	17.0
Price basket for Internet service (\$ a month)	..	34.6	13.7
Price of call to United States (\$ for 3 minutes)	1.93	0.76	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.1	4.9	4.4
Telephone subscribers per employee	758	567	641
Telecommunications investment (% of revenue)	37.4	16.2	16.1
Applications			
Sector expenditure (% of GDP)	6.8	6.6	7.2
E-government readiness index (0–1, 1=most ready)	..	0.83	0.74
Secure Internet servers (per million people)	7.3	498.2	569.4

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	2	3	1,031
Urban population (% of total)	98	98	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	16,790	30,630	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	1.8	7.3	2.3
Adult literacy rate (% ages 15 and older)	..	93	99
Gross primary, secondary, and tertiary enrollment (%)	78	75	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>C</i>	<i>M</i>	
Mobile telephone service	<i>P</i>	<i>M</i>	
Internet service	<i>P</i>	<i>P</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.0	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	21.3	20.1	52.7
International voice traffic (minutes per person)	162	..	204
Mobile telephone subscribers (per 100 people)	21.7	93.9	90.1
Population covered by mobile telephony (%)	100	100	99
Internet users (per 100 people)	6.8	31.4	59.3
Personal computers (per 100 people)	11.4	23.7	56.7
Households with a television set (%)	95	95	98
Quality			
Telephone faults (per 100 mainlines)	4.0	4.0	5.8
Broadband subscribers (per 100 people)	0.22	0.99	19.20
International Internet bandwidth (bits per person)	26	348	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	9.9	10.5	26.6
Price basket for mobile telephone service (\$ a month)	..	75.0	17.0
Price basket for Internet service (\$ a month)	..	13.7	13.7
Price of call to United States (\$ for 3 minutes)	1.94	1.51	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.7	3.4	4.4
Telephone subscribers per employee	123	387	641
Telecommunications investment (% of revenue)	19.7	27.4	16.1
Applications			
Sector expenditure (% of GDP)	1.7	1.4	7.2
E-government readiness index (0–1, 1=most ready)	..	0.52	0.74
Secure Internet servers (per million people)	1.8	50.7	569.4

Kyrgyz Republic

Europe & Central Asia

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	5	5	2,420
Urban population (% of total)	35	36	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	280	500	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.4	3.8	6.5
Adult literacy rate (% ages 15 and older)	99	..	61
Gross primary, secondary, and tertiary enrollment (%)	76	78	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	P	C	
Internet service	P	C	
Government prioritization of sector (1–7, 7=highest)	..	4.3	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	7.7	8.6	2.5
International voice traffic (minutes per person)	12	30	..
Mobile telephone subscribers (per 100 people)	0.2	10.5	14.3
Population covered by mobile telephony (%)	..	90	40
Internet users (per 100 people)	1.0	5.7	4.2
Personal computers (per 100 people)	0.5	1.9	1.4
Households with a television set (%)	84	..	16
Quality			
Telephone faults (per 100 mainlines)	..	..	..
Broadband subscribers (per 100 people)	0.00	0.05	0.18
International Internet bandwidth (bits per person)	2	39	22
Affordability			
Price basket for residential fixed line (\$ a month)	5.3	4.7	6.1
Price basket for mobile telephone service (\$ a month)	..	6.4	10.0
Price basket for Internet service (\$ a month)	..	12.0	12.0
Price of call to United States (\$ for 3 minutes)	9.84	5.40	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.0	4.5	4.0
Telephone subscribers per employee	53	134	141
Telecommunications investment (% of revenue)	8.0	3.2	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.42	0.24
Secure Internet servers (per million people)	0.4	1.0	0.6

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	5	6	2,420
Urban population (% of total)	19	21	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	290	500	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	6.1	6.4	6.5
Adult literacy rate (% ages 15 and older)	69	..	61
Gross primary, secondary, and tertiary enrollment (%)	57	61	57
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>P</i>	
Mobile telephone service	<i>M</i>	<i>P</i>	
Internet service	..	<i>P</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.8	1.3	2.5
International voice traffic (minutes per person)	5	7	..
Mobile telephone subscribers (per 100 people)	0.2	11.3	14.3
Population covered by mobile telephony (%)	..	55	40
Internet users (per 100 people)	0.1	0.4	4.2
Personal computers (per 100 people)	0.3	1.8	1.4
Households with a television set (%)	30	30	16
Quality			
Telephone faults (per 100 mainlines)	..	..	..
Broadband subscribers (per 100 people)	..	0.00	0.18
International Internet bandwidth (bits per person)	0	4	22
Affordability			
Price basket for residential fixed line (\$ a month)	..	5.6	6.1
Price basket for mobile telephone service (\$ a month)	..	3.8	10.0
Price basket for Internet service (\$ a month)	..	25.0	12.0
Price of call to United States (\$ for 3 minutes)	9.20	1.11	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.5	1.7	4.0
Telephone subscribers per employee	47	496	141
Telecommunications investment (% of revenue)	31.3	63.0	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.24	0.24
Secure Internet servers (per million people)	..	0.7	0.6

Latvia

Europe & Central Asia	Upper middle income		
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	2	2	811
Urban population (% of total)	68	68	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,220	8,100	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.7	8.6	3.9
Adult literacy rate (% ages 15 and older)	100	..	93
Gross primary, secondary, and tertiary enrollment (%)	84	90	82
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.3	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	31.0	28.7	21.6
International voice traffic (minutes per person)	62	67	..
Mobile telephone subscribers (per 100 people)	16.9	95.5	66.0
Population covered by mobile telephony (%)	89	98	95
Internet users (per 100 people)	6.3	46.8	22.2
Personal computers (per 100 people)	14.3	24.6	13.3
Households with a television set (%)	76	98	93
Quality			
Telephone faults (per 100 mainlines)	28.7	1.1	7.5
Broadband subscribers (per 100 people)	0.01	4.79	3.57
International Internet bandwidth (bits per person)	65	3,230	242
Affordability			
Price basket for residential fixed line (\$ a month)	12.5	13.3	11.4
Price basket for mobile telephone service (\$ a month)	..	9.3	10.9
Price basket for Internet service (\$ a month)	..	12.6	11.7
Price of call to United States (\$ for 3 minutes)	2.05	1.63	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.9	3.9	3.6
Telephone subscribers per employee	263	731	594
Telecommunications investment (% of revenue)	32.2	21.3	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.59	0.54
Secure Internet servers (per million people)	18.2	66.8	21.1

Lebanon

Middle East & North Africa

Upper middle income

	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	4	4	811
Urban population (% of total)	86	87	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	4,580	5,580	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.5	3.7	3.9
Adult literacy rate (% ages 15 and older)	..	..	93
Gross primary, secondary, and tertiary enrollment (%)	78	85	82
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	..	..
Internet service	<i>C</i>	..	
Government prioritization of sector (1–7, 7=highest)	..	..	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	15.3	16.8	21.6
International voice traffic (minutes per person)	107	279	..
Mobile telephone subscribers (per 100 people)	19.7	27.2	66.0
Population covered by mobile telephony (%)	..	100	95
Internet users (per 100 people)	8.0	23.4	22.2
Personal computers (per 100 people)	4.6	10.2	13.3
Households with a television set (%)	92	96	93
Quality			
Telephone faults (per 100 mainlines)	..	..	7.5
Broadband subscribers (per 100 people)	0.90	4.19	3.57
International Internet bandwidth (bits per person)	10	111	242
Affordability			
Price basket for residential fixed line (\$ a month)	21.3	15.0	11.4
Price basket for mobile telephone service (\$ a month)	..	20.1	10.9
Price basket for Internet service (\$ a month)	..	10.0	11.7
Price of call to United States (\$ for 3 minutes)	4.48	2.19	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.5	5.0	3.6
Telephone subscribers per employee	210	..	594
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.48	0.54
Secure Internet servers (per million people)	5.0	11.0	21.1

Lesotho

Sub-Saharan Africa

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	2	2	2,276
Urban population (% of total)	18	19	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	590	980	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.4	3.4	7.6
Adult literacy rate (% ages 15 and older)	82	..	89
Gross primary, secondary, and tertiary enrollment (%)	62	66	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	M	C	
Internet service	..	C	
Government prioritization of sector (1–7, 7=highest)	..	4.1	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	1.2	2.4	21.6
International voice traffic (minutes per person)	..	18	21
Mobile telephone subscribers (per 100 people)	1.1	12.6	38.1
Population covered by mobile telephony (%)	21	29	..
Internet users (per 100 people)	0.2	2.6	11.4
Personal computers (per 100 people)	0.1	0.1	4.3
Households with a television set (%)	16	2	80
Quality			
Telephone faults (per 100 mainlines)	69.2	60.0	22.0
Broadband subscribers (per 100 people)	..	0.00	3.23
International Internet bandwidth (bits per person)	0	2	189
Affordability			
Price basket for residential fixed line (\$ a month)	9.7	18.4	8.2
Price basket for mobile telephone service (\$ a month)	..	14.8	9.8
Price basket for Internet service (\$ a month)	..	38.6	10.0
Price of call to United States (\$ for 3 minutes)	2.31	3.28	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.4	..	2.1
Telephone subscribers per employee	126	1,111	599
Telecommunications investment (% of revenue)	9.8	..	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.38	0.45
Secure Internet servers (per million people)	..	0.5	1.6

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	3	4	2,420
Urban population (% of total)	54	59	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	130	130	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	38.9	–4.7	6.5
Adult literacy rate (% ages 15 and older)	..	52	61
Gross primary, secondary, and tertiary enrollment (%)	57	..	57
Sector structure			
Separate telecommunications regulator	..	Yes	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	..	
Mobile telephone service	..	<i>P</i>	
Internet service	..	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.2	..	2.5
International voice traffic (minutes per person)	..	..	..
Mobile telephone subscribers (per 100 people)	0.0	4.6	14.3
Population covered by mobile telephony (%)	..	16	40
Internet users (per 100 people)	0.0	..	4.2
Personal computers (per 100 people)	..	..	1.4
Households with a television set (%)	..	..	16
Quality			
Telephone faults (per 100 mainlines)	..	..	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	..	22
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	6.1
Price basket for mobile telephone service (\$ a month)	..	..	10.0
Price basket for Internet service (\$ a month)	..	..	12.0
Price of call to United States (\$ for 3 minutes)	..	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	4.0
Telephone subscribers per employee	..	..	141
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.22	0.24
Secure Internet servers (per million people)	..	..	0.6

Libya

Middle East & North Africa		Upper middle income	
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	5	6	811
Urban population (% of total)	83	85	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	7,290	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	..	3.2	3.9
Adult literacy rate (% ages 15 and older)	..	84	93
Gross primary, secondary, and tertiary enrollment (%)	95	94	82
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>M</i>	<i>M</i>	
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	11.3	8.0	21.6
International voice traffic (minutes per person)	..	66	..
Mobile telephone subscribers (per 100 people)	0.7	65.0	66.0
Population covered by mobile telephony (%)	..	71	95
Internet users (per 100 people)	0.2	3.9	22.2
Personal computers (per 100 people)	2.4	2.2	13.3
Households with a television set (%)	95	50	93
Quality			
Telephone faults (per 100 mainlines)	..	..	7.5
Broadband subscribers (per 100 people)	..	..	3.57
International Internet bandwidth (bits per person)	0	21	242
Affordability			
Price basket for residential fixed line (\$ a month)	..	1.9	11.4
Price basket for mobile telephone service (\$ a month)	..	6.1	10.9
Price basket for Internet service (\$ a month)	..	22.1	11.7
Price of call to United States (\$ for 3 minutes)	..	..	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	3.6
Telephone subscribers per employee	46	1,566	594
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.35	0.54
Secure Internet servers (per million people)	..	0.2	21.1

Liechtenstein

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	..	0.03	1,031
Urban population (% of total)	15	15	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	..	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	..	..	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	..	86	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	..	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	..	<i>P</i>	
Internet service	..	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	..	57.6	52.7
International voice traffic (minutes per person)	..	..	204
Mobile telephone subscribers (per 100 people)	..	82.4	90.1
Population covered by mobile telephony (%)	90	..	99
Internet users (per 100 people)	..	63.0	59.3
Personal computers (per 100 people)	..	..	56.7
Households with a television set (%)	98	..	98
Quality			
Telephone faults (per 100 mainlines)	1.0	..	5.8
Broadband subscribers (per 100 people)	..	28.65	19.20
International Internet bandwidth (bits per person)	..	4,298	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	20.8	10.8	26.6
Price basket for mobile telephone service (\$ a month)	..	..	17.0
Price basket for Internet service (\$ a month)	..	..	13.7
Price of call to United States (\$ for 3 minutes)	..	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	4.4
Telephone subscribers per employee	301	..	641
Telecommunications investment (% of revenue)	..	..	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	0.55	0.74
Secure Internet servers (per million people)	..	1,805.2	569.4

Lithuania

Europe & Central Asia	Upper middle income		
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	3	3	811
Urban population (% of total)	67	67	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,020	7,930	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.3	8.0	3.9
Adult literacy rate (% ages 15 and older)	100	..	93
Gross primary, secondary, and tertiary enrollment (%)	88	91	82
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>C</i>	<i>P</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.9	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	33.9	23.3	21.6
International voice traffic (minutes per person)	43	49	..
Mobile telephone subscribers (per 100 people)	15.0	139.0	66.0
Population covered by mobile telephony (%)	100	100	95
Internet users (per 100 people)	6.4	31.9	22.2
Personal computers (per 100 people)	6.9	18.0	13.3
Households with a television set (%)	95	98	93
Quality			
Telephone faults (per 100 mainlines)	19.8	9.3	7.5
Broadband subscribers (per 100 people)	0.07	10.86	3.57
International Internet bandwidth (bits per person)	14	2,714	242
Affordability			
Price basket for residential fixed line (\$ a month)	9.5	17.7	11.4
Price basket for mobile telephone service (\$ a month)	..	8.9	10.9
Price basket for Internet service (\$ a month)	..	7.3	11.7
Price of call to United States (\$ for 3 minutes)	3.10	1.55	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.3	3.3	3.6
Telephone subscribers per employee	283	..	594
Telecommunications investment (% of revenue)	49.8	15.7	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.66	0.54
Secure Internet servers (per million people)	12.4	51.6	21.1

Luxembourg

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.44	0.46	1,031
Urban population (% of total)	84	83	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	43,490	71,240	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	6.3	3.4	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	74	77	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	P	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.1	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	56.8	53.4	52.7
International voice traffic (minutes per person)	1,363	1,399	204
Mobile telephone subscribers (per 100 people)	69.2	154.5	90.1
Population covered by mobile telephony (%)	98	99	99
Internet users (per 100 people)	22.8	73.4	59.3
Personal computers (per 100 people)	45.7	63.5	56.7
Households with a television set (%)	100	99	98
Quality			
Telephone faults (per 100 mainlines)	7.0	..	5.8
Broadband subscribers (per 100 people)	0.28	20.18	19.20
International Internet bandwidth (bits per person)	687	20,459	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	20.5	29.2	26.6
Price basket for mobile telephone service (\$ a month)	..	11.5	17.0
Price basket for Internet service (\$ a month)	..	27.6	13.7
Price of call to United States (\$ for 3 minutes)	15.96	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.4	1.4	4.4
Telephone subscribers per employee	622	622	641
Telecommunications investment (% of revenue)	20.3	18.3	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	0.75	0.74
Secure Internet servers (per million people)	120.6	758.7	569.4

Macao, China

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.44	0.48	1,031
Urban population (% of total)	100	100	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	14,250	..	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	–1.1	13.9	2.3
Adult literacy rate (% ages 15 and older)	91	..	99
Gross primary, secondary, and tertiary enrollment (%)	76	89	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	..	..
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	40.1	37.0	52.7
International voice traffic (minutes per person)	581	497	204
Mobile telephone subscribers (per 100 people)	32.0	133.3	90.1
Population covered by mobile telephony (%)	100	100	99
Internet users (per 100 people)	13.6	41.9	59.3
Personal computers (per 100 people)	15.9	33.8	56.7
Households with a television set (%)	92	94	98
Quality			
Telephone faults (per 100 mainlines)	31.0	18.2	5.8
Broadband subscribers (per 100 people)	0.85	19.31	19.20
International Internet bandwidth (bits per person)	240	6,492	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	9.2	8.8	26.6
Price basket for mobile telephone service (\$ a month)	..	16.8	17.0
Price basket for Internet service (\$ a month)	..	11.8	13.7
Price of call to United States (\$ for 3 minutes)	1.12	1.12	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.3	2.2	4.4
Telephone subscribers per employee	317	636	641
Telecommunications investment (% of revenue)	14.1	16.8	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	..	0.74
Secure Internet servers (per million people)	17.9	95.8	569.4

Macedonia, FYR

Europe & Central Asia		Lower middle income	
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	2	2	2,276
Urban population (% of total)	65	70	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,850	3,070	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.0	2.2	7.6
Adult literacy rate (% ages 15 and older)	96	..	89
Gross primary, secondary, and tertiary enrollment (%)	69	70	71
Sector structure			
Separate telecommunications regulator	..	Yes	
Status of main fixed-line telephone operator	<i>Public</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>M</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	3.9	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	25.2	24.1	21.6
International voice traffic (minutes per person)	119	63	21
Mobile telephone subscribers (per 100 people)	5.8	69.6	38.1
Population covered by mobile telephony (%)	90	99	..
Internet users (per 100 people)	2.5	13.2	11.4
Personal computers (per 100 people)	3.6	22.2	4.3
Households with a television set (%)	82	98	80
Quality			
Telephone faults (per 100 mainlines)	..	9.0	22.0
Broadband subscribers (per 100 people)	..	1.79	3.23
International Internet bandwidth (bits per person)	25	17	189
Affordability			
Price basket for residential fixed line (\$ a month)	5.3	10.5	8.2
Price basket for mobile telephone service (\$ a month)	..	14.8	9.8
Price basket for Internet service (\$ a month)	..	25.3	10.0
Price of call to United States (\$ for 3 minutes)	3.95	..	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	5.2	7.1	2.1
Telephone subscribers per employee	168	..	599
Telecommunications investment (% of revenue)	26.7	11.3	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.49	0.45
Secure Internet servers (per million people)	..	5.9	1.6

Madagascar

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	16	19	2,420
Urban population (% of total)	26	27	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	240	280	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.9	2.7	6.5
Adult literacy rate (% ages 15 and older)	71	..	61
Gross primary, secondary, and tertiary enrollment (%)	43	60	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	..	
Mobile telephone service	C	P	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.7	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.3	0.7	2.5
International voice traffic (minutes per person)	2	1	..
Mobile telephone subscribers (per 100 people)	0.4	5.5	14.3
Population covered by mobile telephony (%)	30	30	40
Internet users (per 100 people)	0.2	0.6	4.2
Personal computers (per 100 people)	0.2	0.5	1.4
Households with a television set (%)	7	10	16
Quality			
Telephone faults (per 100 mainlines)	79.0	59.6	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	2	22
Affordability			
Price basket for residential fixed line (\$ a month)	11.3	10.5	6.1
Price basket for mobile telephone service (\$ a month)	..	8.1	10.0
Price basket for Internet service (\$ a month)	..	2.8	12.0
Price of call to United States (\$ for 3 minutes)	8.98	0.59	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	10.3	2.6	4.0
Telephone subscribers per employee	44	148	141
Telecommunications investment (% of revenue)	14.0	12.3	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.31	0.24
Secure Internet servers (per million people)	..	0.2	0.6

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	12	14	2,420
Urban population (% of total)	15	18	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	150	230	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.8	2.4	6.5
Adult literacy rate (% ages 15 and older)	64	..	61
Gross primary, secondary, and tertiary enrollment (%)	69	63	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	M	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.3	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.4	0.8	2.5
International voice traffic (minutes per person)	2	..	..
Mobile telephone subscribers (per 100 people)	0.4	3.2	14.3
Population covered by mobile telephony (%)	70	..	40
Internet users (per 100 people)	0.1	0.4	4.2
Personal computers (per 100 people)	0.1	0.2	1.4
Households with a television set (%)	1	3	16
Quality			
Telephone faults (per 100 mainlines)	..	..	..
Broadband subscribers (per 100 people)	..	0.00	0.18
International Internet bandwidth (bits per person)	0	1	22
Affordability			
Price basket for residential fixed line (\$ a month)	5.8	5.8	6.1
Price basket for mobile telephone service (\$ a month)	..	10.2	10.0
Price basket for Internet service (\$ a month)	..	22.5	12.0
Price of call to United States (\$ for 3 minutes)	4.32	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.7	3.3	4.0
Telephone subscribers per employee	33	..	141
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.29	0.24
Secure Internet servers (per million people)	..	0.1	0.6

Malaysia

East Asia & Pacific	Upper middle income		
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	23	26	811
Urban population (% of total)	62	68	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,390	5,620	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.7	5.0	3.9
Adult literacy rate (% ages 15 and older)	89	..	93
Gross primary, secondary, and tertiary enrollment (%)	70	74	82
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>P</i>	<i>C</i>	
Mobile telephone service	<i>P</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	6.1	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	19.9	16.6	21.6
International voice traffic (minutes per person)	63	..	..
Mobile telephone subscribers (per 100 people)	22.0	74.5	66.0
Population covered by mobile telephony (%)	95	..	95
Internet users (per 100 people)	21.4	43.2	22.2
Personal computers (per 100 people)	9.5	21.8	13.3
Households with a television set (%)	82	95	93
Quality			
Telephone faults (per 100 mainlines)	40.0	22.5	7.5
Broadband subscribers (per 100 people)	0.02	3.44	3.57
International Internet bandwidth (bits per person)	23	124	242
Affordability			
Price basket for residential fixed line (\$ a month)	..	8.7	11.4
Price basket for mobile telephone service (\$ a month)	..	5.0	10.9
Price basket for Internet service (\$ a month)	..	2.7	11.7
Price of call to United States (\$ for 3 minutes)	2.37	0.71	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.3	4.6	3.6
Telephone subscribers per employee	394	770	594
Telecommunications investment (% of revenue)	27.7	22.5	..
Applications			
Sector expenditure (% of GDP)	7.5	6.7	5.2
E-government readiness index (0–1, 1=most ready)	..	0.61	0.54
Secure Internet servers (per million people)	6.1	22.1	21.1

Maldives

South Asia

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.27	0.30	2,276
Urban population (% of total)	28	30	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	2,140	3,010	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	8.7	7.2	7.6
Adult literacy rate (% ages 15 and older)	96	..	89
Gross primary, secondary, and tertiary enrollment (%)	77	66	71
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>M</i>	<i>M</i>	
Internet service	<i>M</i>	<i>M</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	9.0	10.8	21.6
International voice traffic (minutes per person)	47	91	21
Mobile telephone subscribers (per 100 people)	2.8	87.5	38.1
Population covered by mobile telephony (%)	40	96	..
Internet users (per 100 people)	2.2	6.8	11.4
Personal computers (per 100 people)	3.7	15.2	4.3
Households with a television set (%)	57	92	80
Quality			
Telephone faults (per 100 mainlines)	55.7	30.8	22.0
Broadband subscribers (per 100 people)	0.07	1.57	3.23
International Internet bandwidth (bits per person)	11	179	189
Affordability			
Price basket for residential fixed line (\$ a month)	8.8	6.4	8.2
Price basket for mobile telephone service (\$ a month)	..	3.8	9.8
Price basket for Internet service (\$ a month)	..	51.2	10.0
Price of call to United States (\$ for 3 minutes)	11.72	5.86	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	8.5	12.7	2.1
Telephone subscribers per employee	60	281	599
Telecommunications investment (% of revenue)	21.6	15.2	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.45	0.45
Secure Internet servers (per million people)	..	36.0	1.6

Mali

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	10	12	2,420
Urban population (% of total)	28	31	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	260	460	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.5	5.7	6.5
Adult literacy rate (% ages 15 and older)	19	24	61
Gross primary, secondary, and tertiary enrollment (%)	28	37	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	P	P	
Mobile telephone service	P	P	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.1	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.4	0.7	2.5
International voice traffic (minutes per person)	7	..	..
Mobile telephone subscribers (per 100 people)	0.1	12.6	14.3
Population covered by mobile telephony (%)	15	..	40
Internet users (per 100 people)	0.1	0.6	4.2
Personal computers (per 100 people)	0.1	0.4	1.4
Households with a television set (%)	13	17	16
Quality			
Telephone faults (per 100 mainlines)	177.6	..	..
Broadband subscribers (per 100 people)	..	0.02	0.18
International Internet bandwidth (bits per person)	0	26	22
Affordability			
Price basket for residential fixed line (\$ a month)	..	16.1	6.1
Price basket for mobile telephone service (\$ a month)	..	13.5	10.0
Price basket for Internet service (\$ a month)	..	28.7	12.0
Price of call to United States (\$ for 3 minutes)	12.64	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.5	5.2	4.0
Telephone subscribers per employee	37	..	141
Telecommunications investment (% of revenue)	28.1	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.16	0.24
Secure Internet servers (per million people)	0.1	0.3	0.6

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.39	0.41	1,031
Urban population (% of total)	93	96	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	9,670	15,310	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.4	1.2	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	75	81	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>M</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	5.8	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	52.4	49.8	52.7
International voice traffic (minutes per person)	255	222	204
Mobile telephone subscribers (per 100 people)	29.3	85.4	90.1
Population covered by mobile telephony (%)	99	99	99
Internet users (per 100 people)	13.1	31.5	59.3
Personal computers (per 100 people)	20.5	16.5	56.7
Households with a television set (%)	93	93	98
Quality			
Telephone faults (per 100 mainlines)	28.4	..	5.8
Broadband subscribers (per 100 people)	0.42	10.38	19.20
International Internet bandwidth (bits per person)	87	4,729	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	..	17.9	26.6
Price basket for mobile telephone service (\$ a month)	..	14.7	17.0
Price basket for Internet service (\$ a month)	..	8.8	13.7
Price of call to United States (\$ for 3 minutes)	3.41	0.77	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.8	5.0	4.4
Telephone subscribers per employee	156	245	641
Telecommunications investment (% of revenue)	23.0	24.7	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	0.66	0.74
Secure Internet servers (per million people)	58.5	702.3	569.4

Marshall Islands

East Asia & Pacific

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.05	0.07	2,276
Urban population (% of total)	66	67	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	2,540	2,980	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	–3.7	2.7	7.6
Adult literacy rate (% ages 15 and older)	..	..	89
Gross primary, secondary, and tertiary enrollment (%)	73	71	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	7.6	7.6	21.6
International voice traffic (minutes per person)	67	76	21
Mobile telephone subscribers (per 100 people)	0.8	1.1	38.1
Population covered by mobile telephony (%)	..	..	..
Internet users (per 100 people)	1.5	3.4	11.4
Personal computers (per 100 people)	3.8	8.2	4.3
Households with a television set (%)	..	..	80
Quality			
Telephone faults (per 100 mainlines)	..	..	22.0
Broadband subscribers (per 100 people)	..	..	3.23
International Internet bandwidth (bits per person)	10	26	189
Affordability			
Price basket for residential fixed line (\$ a month)	12.5	12.6	8.2
Price basket for mobile telephone service (\$ a month)	..	12.3	9.8
Price basket for Internet service (\$ a month)	..	20.0	10.0
Price of call to United States (\$ for 3 minutes)	..	..	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	5.5	5.0	2.1
Telephone subscribers per employee	44	46	599
Telecommunications investment (% of revenue)	..	..	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	..	0.45
Secure Internet servers (per million people)	..	15.0	1.6

Mauritania

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	3	3	2,420
Urban population (% of total)	40	41	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	470	760	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.3	5.0	6.5
Adult literacy rate (% ages 15 and older)	51	..	61
Gross primary, secondary, and tertiary enrollment (%)	43	46	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	M	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	6.1	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.7	1.1	2.5
International voice traffic (minutes per person)	19	20	..
Mobile telephone subscribers (per 100 people)	0.6	34.8	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.2	3.3	4.2
Personal computers (per 100 people)	1.0	2.6	1.4
Households with a television set (%)	19	25	16
Quality			
Telephone faults (per 100 mainlines)	100.0	5.5	..
Broadband subscribers (per 100 people)	..	0.02	0.18
International Internet bandwidth (bits per person)	0	30	22
Affordability			
Price basket for residential fixed line (\$ a month)	14.1	11.6	6.1
Price basket for mobile telephone service (\$ a month)	..	..	10.0
Price basket for Internet service (\$ a month)	..	16.0	12.0
Price of call to United States (\$ for 3 minutes)	4.36	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.3	5.9	4.0
Telephone subscribers per employee	48	1,003	141
Telecommunications investment (% of revenue)	131.7	91.7	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.20	0.24
Secure Internet servers (per million people)	0.4	1.9	0.6

Mauritius

Sub-Saharan Africa

Upper middle income

	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	1	1	811
Urban population (% of total)	43	42	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,740	5,430	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.5	4.0	3.9
Adult literacy rate (% ages 15 and older)	84	..	93
Gross primary, secondary, and tertiary enrollment (%)	67	75	82
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>P</i>	<i>C</i>	
Internet service	<i>M</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	5.5	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	23.7	28.5	21.6
International voice traffic (minutes per person)	72	150	..
Mobile telephone subscribers (per 100 people)	15.2	61.6	66.0
Population covered by mobile telephony (%)	100	100	95
Internet users (per 100 people)	7.3	14.5	22.2
Personal computers (per 100 people)	10.1	16.9	13.3
Households with a television set (%)	87	93	93
Quality			
Telephone faults (per 100 mainlines)	56.4	23.0	7.5
Broadband subscribers (per 100 people)	0.02	1.75	3.57
International Internet bandwidth (bits per person)	5	153	242
Affordability			
Price basket for residential fixed line (\$ a month)	5.2	7.9	11.4
Price basket for mobile telephone service (\$ a month)	..	4.2	10.9
Price basket for Internet service (\$ a month)	..	16.2	11.7
Price of call to United States (\$ for 3 minutes)	4.00	1.59	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.3	3.7	3.6
Telephone subscribers per employee	251	492	594
Telecommunications investment (% of revenue)	37.6	12.9	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.51	0.54
Secure Internet servers (per million people)	10.0	42.0	21.1

Sub-Saharan Africa

Upper middle income

	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	..	0.19	811
Urban population (% of total)	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.9
Adult literacy rate (% ages 15 and older)	93
Gross primary, secondary, and tertiary enrollment (%)	82
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	
Level of competition (competition, partial comp., monopoly)			
International long distance service	
Mobile telephone service	
Internet service	
Government prioritization of sector (1–7, 7=highest)	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	21.6
International voice traffic (minutes per person)
Mobile telephone subscribers (per 100 people)	..	28.0	66.0
Population covered by mobile telephony (%)	95
Internet users (per 100 people)	22.2
Personal computers (per 100 people)	13.3
Households with a television set (%)	57	..	93
Quality			
Telephone faults (per 100 mainlines)	7.5
Broadband subscribers (per 100 people)	3.57
International Internet bandwidth (bits per person)	242
Affordability			
Price basket for residential fixed line (\$ a month)	11.4
Price basket for mobile telephone service (\$ a month)	10.9
Price basket for Internet service (\$ a month)	11.7
Price of call to United States (\$ for 3 minutes)	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.6
Telephone subscribers per employee	372	..	594
Telecommunications investment (% of revenue)	0.0	..	..
Applications			
Sector expenditure (% of GDP)	5.2
E-government readiness index (0–1, 1=most ready)	0.54
Secure Internet servers (per million people)	21.1

Mexico

Latin America & Caribbean	Upper middle income		
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	98	104	811
Urban population (% of total)	75	76	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	5,110	7,830	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.4	2.3	3.9
Adult literacy rate (% ages 15 and older)	91	92	93
Gross primary, secondary, and tertiary enrollment (%)	71	76	82
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	P	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.8	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	12.6	19.1	21.6
International voice traffic (minutes per person)	79	174	..
Mobile telephone subscribers (per 100 people)	14.4	54.7	66.0
Population covered by mobile telephony (%)	86	100	95
Internet users (per 100 people)	5.2	17.5	22.2
Personal computers (per 100 people)	5.8	13.6	13.3
Households with a television set (%)	87	93	93
Quality			
Telephone faults (per 100 mainlines)	2.0	1.4	7.5
Broadband subscribers (per 100 people)	0.02	3.58	3.57
International Internet bandwidth (bits per person)	9	109	242
Affordability			
Price basket for residential fixed line (\$ a month)	17.5	16.1	11.4
Price basket for mobile telephone service (\$ a month)	..	13.9	10.9
Price basket for Internet service (\$ a month)	..	17.3	11.7
Price of call to United States (\$ for 3 minutes)	3.01	0.83	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.1	3.0	3.6
Telephone subscribers per employee	375	691	594
Telecommunications investment (% of revenue)	41.5	15.7	..
Applications			
Sector expenditure (% of GDP)	3.1	3.3	5.2
E-government readiness index (0–1, 1=most ready)	..	0.59	0.54
Secure Internet servers (per million people)	2.6	13.3	21.1

Micronesia, Fed. Sts.

East Asia & Pacific

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.11	0.11	2,276
Urban population (% of total)	22	22	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	2,170	2,390	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	-1.8	0.2	7.6
Adult literacy rate (% ages 15 and older)	..	..	89
Gross primary, secondary, and tertiary enrollment (%)	..	..	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	9.0	11.3	21.6
International voice traffic (minutes per person)	62	81	21
Mobile telephone subscribers (per 100 people)	0.1	12.8	38.1
Population covered by mobile telephony (%)	..	..	..
Internet users (per 100 people)	3.7	14.5	11.4
Personal computers (per 100 people)	1.3	5.5	4.3
Households with a television set (%)	14	16	80
Quality			
Telephone faults (per 100 mainlines)	66.1	48.1	22.0
Broadband subscribers (per 100 people)	..	0.04	3.23
International Internet bandwidth (bits per person)	10	55	189
Affordability			
Price basket for residential fixed line (\$ a month)	8.4	8.4	8.2
Price basket for mobile telephone service (\$ a month)	..	4.9	9.8
Price basket for Internet service (\$ a month)	..	..	10.0
Price of call to United States (\$ for 3 minutes)	7.50	6.00	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	5.1	5.0	2.1
Telephone subscribers per employee	74	123	599
Telecommunications investment (% of revenue)	4.9	..	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	..	0.45
Secure Internet servers (per million people)	..	18.0	1.6

Moldova

Europe & Central Asia	Lower middle income		
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	4	4	2,276
Urban population (% of total)	46	47	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	370	1,080	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	-2.6	6.8	7.6
Adult literacy rate (% ages 15 and older)	..	99	89
Gross primary, secondary, and tertiary enrollment (%)	71	70	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.5	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	14.1	26.6	21.6
International voice traffic (minutes per person)	39	110	21
Mobile telephone subscribers (per 100 people)	3.4	35.4	38.1
Population covered by mobile telephony (%)	70	97	..
Internet users (per 100 people)	1.3	19.0	11.4
Personal computers (per 100 people)	1.5	9.0	4.3
Households with a television set (%)	82	82	80
Quality			
Telephone faults (per 100 mainlines)	5.5	5.1	22.0
Broadband subscribers (per 100 people)	0.01	0.57	3.23
International Internet bandwidth (bits per person)	2	147	189
Affordability			
Price basket for residential fixed line (\$ a month)	2.2	5.3	8.2
Price basket for mobile telephone service (\$ a month)	..	17.1	9.8
Price basket for Internet service (\$ a month)	..	13.3	10.0
Price of call to United States (\$ for 3 minutes)	4.10	1.46	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.9	10.2	2.1
Telephone subscribers per employee	97	250	599
Telecommunications investment (% of revenue)	67.9	33.8	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.45	0.45
Secure Internet servers (per million people)	0.7	4.2	1.6

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	..	0.03	1,031
Urban population (% of total)	100	100	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.3
Adult literacy rate (% ages 15 and older)	99
Gross primary, secondary, and tertiary enrollment (%)	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>M</i>	<i>M</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	52.7
International voice traffic (minutes per person)	204
Mobile telephone subscribers (per 100 people)	90.1
Population covered by mobile telephony (%)	99
Internet users (per 100 people)	59.3
Personal computers (per 100 people)	56.7
Households with a television set (%)	98
Quality			
Telephone faults (per 100 mainlines)	5.8
Broadband subscribers (per 100 people)	19.20
International Internet bandwidth (bits per person)	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	26.6
Price basket for mobile telephone service (\$ a month)	17.0
Price basket for Internet service (\$ a month)	13.7
Price of call to United States (\$ for 3 minutes)	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.4
Telephone subscribers per employee	641
Telecommunications investment (% of revenue)	16.1
Applications			
Sector expenditure (% of GDP)	7.2
E-government readiness index (0–1, 1=most ready)	0.74
Secure Internet servers (per million people)	..	1,012.3	569.4

Mongolia

East Asia & Pacific

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	2	3	2,420
Urban population (% of total)	57	57	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	410	1,000	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.0	7.1	6.5
Adult literacy rate (% ages 15 and older)	98	..	61
Gross primary, secondary, and tertiary enrollment (%)	64	77	57
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	C	
Mobile telephone service	<i>P</i>	C	
Internet service	<i>C</i>	C	
Government prioritization of sector (1–7, 7=highest)	..	5.1	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	4.9	6.1	2.5
International voice traffic (minutes per person)	10	5	..
Mobile telephone subscribers (per 100 people)	6.4	21.8	14.3
Population covered by mobile telephony (%)	58	..	40
Internet users (per 100 people)	1.3	10.5	4.2
Personal computers (per 100 people)	1.3	13.3	1.4
Households with a television set (%)	28	63	16
Quality			
Telephone faults (per 100 mainlines)	51.6	18.5	..
Broadband subscribers (per 100 people)	0.00	0.07	0.18
International Internet bandwidth (bits per person)	3	13	22
Affordability			
Price basket for residential fixed line (\$ a month)	2.6	1.6	6.1
Price basket for mobile telephone service (\$ a month)	..	5.4	10.0
Price basket for Internet service (\$ a month)	..	10.7	12.0
Price of call to United States (\$ for 3 minutes)	4.92	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.3	3.6	4.0
Telephone subscribers per employee	60	147	141
Telecommunications investment (% of revenue)	4.7	15.1	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.47	0.24
Secure Internet servers (per million people)	0.4	7.3	0.6

Montenegro

Europe & Central Asia		Upper middle income	
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.67	0.60	811
Urban population (% of total)	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,630	4,130	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	–1.6	4.0	3.9
Adult literacy rate (% ages 15 and older)	93
Gross primary, secondary, and tertiary enrollment (%)	82
Sector structure			
Separate telecommunications regulator	
Status of main fixed-line telephone operator	
Level of competition (competition, partial comp., monopoly)			
International long distance service	
Mobile telephone service	
Internet service	
Government prioritization of sector (1–7, 7=highest)	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	21.6
International voice traffic (minutes per person)
Mobile telephone subscribers (per 100 people)	66.0
Population covered by mobile telephony (%)	95
Internet users (per 100 people)	22.2
Personal computers (per 100 people)	13.3
Households with a television set (%)	93
Quality			
Telephone faults (per 100 mainlines)	7.5
Broadband subscribers (per 100 people)	3.57
International Internet bandwidth (bits per person)	242
Affordability			
Price basket for residential fixed line (\$ a month)	11.4
Price basket for mobile telephone service (\$ a month)	..	47.2	10.9
Price basket for Internet service (\$ a month)	..	7.8	11.7
Price of call to United States (\$ for 3 minutes)	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.6
Telephone subscribers per employee	594
Telecommunications investment (% of revenue)
Applications			
Sector expenditure (% of GDP)	5.2
E-government readiness index (0–1, 1=most ready)	0.54
Secure Internet servers (per million people)	21.1

Morocco

Middle East & North Africa

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	28	30	2,276
Urban population (% of total)	55	59	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,340	2,160	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.5	5.1	7.6
Adult literacy rate (% ages 15 and older)	..	52	89
Gross primary, secondary, and tertiary enrollment (%)	51	58	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	C	
Mobile telephone service	<i>C</i>	C	
Internet service	<i>C</i>	C	
Government prioritization of sector (1–7, 7=highest)	..	4.8	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	5.0	4.2	21.6
International voice traffic (minutes per person)	..	65	21
Mobile telephone subscribers (per 100 people)	8.2	52.5	38.1
Population covered by mobile telephony (%)	95	98	..
Internet users (per 100 people)	0.7	20.0	11.4
Personal computers (per 100 people)	1.2	2.5	4.3
Households with a television set (%)	77	78	80
Quality			
Telephone faults (per 100 mainlines)	24.8	25.0	22.0
Broadband subscribers (per 100 people)	0.01	1.28	3.23
International Internet bandwidth (bits per person)	4	377	189
Affordability			
Price basket for residential fixed line (\$ a month)	12.9	23.0	8.2
Price basket for mobile telephone service (\$ a month)	..	15.9	9.8
Price basket for Internet service (\$ a month)	..	26.8	10.0
Price of call to United States (\$ for 3 minutes)	2.03	1.69	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.2	4.5	2.1
Telephone subscribers per employee	260	821	599
Telecommunications investment (% of revenue)	50.7	16.5	27.1
Applications			
Sector expenditure (% of GDP)	4.8	5.6	5.0
E-government readiness index (0–1, 1=most ready)	..	0.29	0.45
Secure Internet servers (per million people)	0.2	1.1	1.6

Mozambique

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	18	21	2,420
Urban population (% of total)	31	35	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	230	310	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	8.1	8.2	6.5
Adult literacy rate (% ages 15 and older)	..	..	61
Gross primary, secondary, and tertiary enrollment (%)	37	53	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.4	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.5	0.3	2.5
International voice traffic (minutes per person)	36	13	..
Mobile telephone subscribers (per 100 people)	0.3	11.2	14.3
Population covered by mobile telephony (%)	..	95	40
Internet users (per 100 people)	0.1	0.9	4.2
Personal computers (per 100 people)	0.3	1.4	1.4
Households with a television set (%)	4	6	16
Quality			
Telephone faults (per 100 mainlines)	80.0	46.0	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	1	22
Affordability			
Price basket for residential fixed line (\$ a month)	14.6	13.1	6.1
Price basket for mobile telephone service (\$ a month)	..	10.0	10.0
Price basket for Internet service (\$ a month)	..	32.9	12.0
Price of call to United States (\$ for 3 minutes)	6.21	1.17	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.6	1.5	4.0
Telephone subscribers per employee	60	980	141
Telecommunications investment (% of revenue)	49.6	24.6	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.26	0.24
Secure Internet servers (per million people)	..	0.2	0.6

Myanmar

East Asia & Pacific

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	46	48	2,420
Urban population (% of total)	28	31	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	..	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	7.6	9.2	6.5
Adult literacy rate (% ages 15 and older)	90	..	61
Gross primary, secondary, and tertiary enrollment (%)	47	50	57
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	M	M	
Internet service	M	P	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.6	1.1	2.5
International voice traffic (minutes per person)	1	3	..
Mobile telephone subscribers (per 100 people)	0.0	0.4	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.0	0.2	4.2
Personal computers (per 100 people)	0.2	0.8	1.4
Households with a television set (%)	3	3	16
Quality			
Telephone faults (per 100 mainlines)	172.0	125.0	..
Broadband subscribers (per 100 people)	..	0.00	0.18
International Internet bandwidth (bits per person)	0	2	22
Affordability			
Price basket for residential fixed line (\$ a month)	0.6	1.3	6.1
Price basket for mobile telephone service (\$ a month)	..	..	10.0
Price basket for Internet service (\$ a month)	..	1.5	12.0
Price of call to United States (\$ for 3 minutes)	0.44	0.17	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	0.2	0.6	4.0
Telephone subscribers per employee	37	81	141
Telecommunications investment (% of revenue)	25.3	8.6	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.29	0.24
Secure Internet servers (per million people)	..	0.0	0.6

Namibia

Sub-Saharan Africa

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	2	2	2,276
Urban population (% of total)	32	36	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,880	3,210	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.5	4.8	7.6
Adult literacy rate (% ages 15 and older)	85	..	89
Gross primary, secondary, and tertiary enrollment (%)	68	65	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	M	M	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.0	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	5.9	6.9	21.6
International voice traffic (minutes per person)	60	..	21
Mobile telephone subscribers (per 100 people)	4.4	24.5	38.1
Population covered by mobile telephony (%)	85	88	..
Internet users (per 100 people)	1.6	4.0	11.4
Personal computers (per 100 people)	4.0	12.3	4.3
Households with a television set (%)	37	39	80
Quality			
Telephone faults (per 100 mainlines)	51.5	35.0	22.0
Broadband subscribers (per 100 people)	..	..	3.23
International Internet bandwidth (bits per person)	2	18	189
Affordability			
Price basket for residential fixed line (\$ a month)	..	9.1	8.2
Price basket for mobile telephone service (\$ a month)	..	14.2	9.8
Price basket for Internet service (\$ a month)	..	48.7	10.0
Price of call to United States (\$ for 3 minutes)	4.28	..	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.6	4.8	2.1
Telephone subscribers per employee	115	470	599
Telecommunications investment (% of revenue)	29.6	7.5	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.34	0.45
Secure Internet servers (per million people)	1.6	9.6	1.6

Nepal

South Asia

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	24	28	2,420
Urban population (% of total)	13	16	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	220	320	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.6	3.3	6.5
Adult literacy rate (% ages 15 and older)	49	..	61
Gross primary, secondary, and tertiary enrollment (%)	56	58	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	P	
Mobile telephone service	M	P	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.5	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	1.1	2.2	2.5
International voice traffic (minutes per person)	2	6	..
Mobile telephone subscribers (per 100 people)	0.0	3.8	14.3
Population covered by mobile telephony (%)	..	1	40
Internet users (per 100 people)	0.2	0.9	4.2
Personal computers (per 100 people)	0.3	0.5	1.4
Households with a television set (%)	3	13	16
Quality			
Telephone faults (per 100 mainlines)	100.2	68.0	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	5	22
Affordability			
Price basket for residential fixed line (\$ a month)	2.6	3.1	6.1
Price basket for mobile telephone service (\$ a month)	..	2.1	10.0
Price basket for Internet service (\$ a month)	..	8.0	12.0
Price of call to United States (\$ for 3 minutes)	5.28	2.04	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.3	0.9	4.0
Telephone subscribers per employee	60	145	141
Telecommunications investment (% of revenue)	26.7	26.7	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.27	0.24
Secure Internet servers (per million people)	..	0.9	0.6

Netherlands

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	16	16	1,031
Urban population (% of total)	77	81	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	26,580	43,050	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.1	1.3	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	99	98	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Mixed	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.2	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	62.1	46.6	52.7
International voice traffic (minutes per person)	311	..	204
Mobile telephone subscribers (per 100 people)	67.5	97.0	90.1
Population covered by mobile telephony (%)	100	100	99
Internet users (per 100 people)	44.0	89.0	59.3
Personal computers (per 100 people)	39.6	85.4	56.7
Households with a television set (%)	95	99	98
Quality			
Telephone faults (per 100 mainlines)	0.5	..	5.8
Broadband subscribers (per 100 people)	1.63	31.78	19.20
International Internet bandwidth (bits per person)	4,275	20,501	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	26.6
Price basket for mobile telephone service (\$ a month)	..	22.9	17.0
Price basket for Internet service (\$ a month)	..	8.8	13.7
Price of call to United States (\$ for 3 minutes)	0.56	0.32	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.7	..	4.4
Telephone subscribers per employee	353	..	641
Telecommunications investment (% of revenue)	21.6	..	16.1
Applications			
Sector expenditure (% of GDP)	6.7	6.2	7.2
E-government readiness index (0–1, 1=most ready)	..	0.86	0.74
Secure Internet servers (per million people)	49.7	781.2	569.4

Netherlands Antilles

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.18	0.19	1,031
Urban population (% of total)	69	71	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	..	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	..	..	2.3
Adult literacy rate (% ages 15 and older)	..	96	99
Gross primary, secondary, and tertiary enrollment (%)	95	88	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	..	..
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	44.3	..	52.7
International voice traffic (minutes per person)	..	..	204
Mobile telephone subscribers (per 100 people)	16.5	108.6	90.1
Population covered by mobile telephony (%)	..	..	99
Internet users (per 100 people)	1.1	..	59.3
Personal computers (per 100 people)	..	..	56.7
Households with a television set (%)	..	..	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	..	..	19.20
International Internet bandwidth (bits per person)	..	..	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	..	19.9	26.6
Price basket for mobile telephone service (\$ a month)	..	21.9	17.0
Price basket for Internet service (\$ a month)	..	..	13.7
Price of call to United States (\$ for 3 minutes)	..	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	4.4
Telephone subscribers per employee	..	..	641
Telecommunications investment (% of revenue)	..	..	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	..	0.74
Secure Internet servers (per million people)	166.3	548.8	569.4

New Caledonia

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.21	0.24	1,031
Urban population (% of total)	62	64	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	14,020	..	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	0.2	..	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	..	..	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	..	..
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	23.9	23.6	52.7
International voice traffic (minutes per person)	183	215	204
Mobile telephone subscribers (per 100 people)	23.4	57.3	90.1
Population covered by mobile telephony (%)	85	90	99
Internet users (per 100 people)	14.1	33.6	59.3
Personal computers (per 100 people)	0.6	2.6	56.7
Households with a television set (%)	77	78	98
Quality			
Telephone faults (per 100 mainlines)	20.1	26.9	5.8
Broadband subscribers (per 100 people)	0.06	4.09	19.20
International Internet bandwidth (bits per person)	9	563	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	27.9	35.4	26.6
Price basket for mobile telephone service (\$ a month)	..	8.3	17.0
Price basket for Internet service (\$ a month)	..	80.3	13.7
Price of call to United States (\$ for 3 minutes)	3.43	3.13	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.8	..	4.4
Telephone subscribers per employee	345	637	641
Telecommunications investment (% of revenue)	43.5	..	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	..	0.74
Secure Internet servers (per million people)	32.2	95.1	569.4

New Zealand

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	4	4	1,031
Urban population (% of total)	86	86	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	13,760	26,750	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.5	3.3	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	99	108	92
Sector structure			
Separate telecommunications regulator	..	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.8	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	47.5	41.8	52.7
International voice traffic (minutes per person)	370	361	204
Mobile telephone subscribers (per 100 people)	40.0	85.4	90.1
Population covered by mobile telephony (%)	97	98	99
Internet users (per 100 people)	39.3	76.5	59.3
Personal computers (per 100 people)	35.8	50.2	56.7
Households with a television set (%)	98	98	98
Quality			
Telephone faults (per 100 mainlines)	30.7	..	5.8
Broadband subscribers (per 100 people)	0.12	13.77	19.20
International Internet bandwidth (bits per person)	65	1,107	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	17.0	28.6	26.6
Price basket for mobile telephone service (\$ a month)	..	19.4	17.0
Price basket for Internet service (\$ a month)	..	11.0	13.7
Price of call to United States (\$ for 3 minutes)	0.80	1.30	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.4	3.9	4.4
Telephone subscribers per employee	630	962	641
Telecommunications investment (% of revenue)	16.2	9.5	16.1
Applications			
Sector expenditure (% of GDP)	11.2	10.6	7.2
E-government readiness index (0–1, 1=most ready)	..	0.74	0.74
Secure Internet servers (per million people)	156.9	831.0	569.4

Nicaragua

Latin America & Caribbean

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	5	6	2,276
Urban population (% of total)	57	59	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	730	930	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.0	3.3	7.6
Adult literacy rate (% ages 15 and older)	77	..	89
Gross primary, secondary, and tertiary enrollment (%)	70	71	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.6	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	3.2	4.5	21.6
International voice traffic (minutes per person)	34	62	21
Mobile telephone subscribers (per 100 people)	1.8	33.1	38.1
Population covered by mobile telephony (%)	..	60	..
Internet users (per 100 people)	1.0	2.8	11.4
Personal computers (per 100 people)	2.3	4.0	4.3
Households with a television set (%)	59	60	80
Quality			
Telephone faults (per 100 mainlines)	79.3	4.8	22.0
Broadband subscribers (per 100 people)	0.01	0.34	3.23
International Internet bandwidth (bits per person)	1	1	189
Affordability			
Price basket for residential fixed line (\$ a month)	17.7	9.2	8.2
Price basket for mobile telephone service (\$ a month)	..	15.1	9.8
Price basket for Internet service (\$ a month)	..	10.0	10.0
Price of call to United States (\$ for 3 minutes)	3.20	3.15	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.6	3.7	2.1
Telephone subscribers per employee	114	334	599
Telecommunications investment (% of revenue)	5.9	24.0	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.37	0.45
Secure Internet servers (per million people)	1.2	6.2	1.6

Niger

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	11	14	2,420
Urban population (% of total)	16	17	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	170	270	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.4	3.9	6.5
Adult literacy rate (% ages 15 and older)	..	29	61
Gross primary, secondary, and tertiary enrollment (%)	15	23	57
Sector structure			
Separate telecommunications regulator	..	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	C	C	
Internet service	C	M	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.2	0.2	2.5
International voice traffic (minutes per person)	2	2	..
Mobile telephone subscribers (per 100 people)	0.0	2.4	14.3
Population covered by mobile telephony (%)	13	15	40
Internet users (per 100 people)	0.0	0.3	4.2
Personal computers (per 100 people)	0.0	0.1	1.4
Households with a television set (%)	5	7	16
Quality			
Telephone faults (per 100 mainlines)	94.8	71.4	..
Broadband subscribers (per 100 people)	..	0.00	0.18
International Internet bandwidth (bits per person)	0	2	22
Affordability			
Price basket for residential fixed line (\$ a month)	9.4	9.5	6.1
Price basket for mobile telephone service (\$ a month)	..	16.5	10.0
Price basket for Internet service (\$ a month)	..	101.8	12.0
Price of call to United States (\$ for 3 minutes)	9.03	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	0.9	2.2	4.0
Telephone subscribers per employee	16	105	141
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.11	0.24
Secure Internet servers (per million people)	..	0.1	0.6

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	125	145	2,420
Urban population (% of total)	44	49	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	270	620	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.7	6.0	6.5
Adult literacy rate (% ages 15 and older)	..	69	61
Gross primary, secondary, and tertiary enrollment (%)	49	56	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	P	
Mobile telephone service	C	P	
Internet service	C	P	
Government prioritization of sector (1–7, 7=highest)	..	4.6	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.4	1.2	2.5
International voice traffic (minutes per person)	2	..	..
Mobile telephone subscribers (per 100 people)	0.0	22.3	14.3
Population covered by mobile telephony (%)	38	58	40
Internet users (per 100 people)	0.1	5.5	4.2
Personal computers (per 100 people)	0.6	0.8	1.4
Households with a television set (%)	26	32	16
Quality			
Telephone faults (per 100 mainlines)	21.8	20.6	..
Broadband subscribers (per 100 people)	..	0.00	0.18
International Internet bandwidth (bits per person)	0	1	22
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	6.1
Price basket for mobile telephone service (\$ a month)	..	10.7	10.0
Price basket for Internet service (\$ a month)	..	11.3	12.0
Price of call to United States (\$ for 3 minutes)	7.15	1.49	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	0.8	3.5	4.0
Telephone subscribers per employee	50	256	141
Telecommunications investment (% of revenue)	37.2	216.5	..
Applications			
Sector expenditure (% of GDP)	3.5	3.4	6.1
E-government readiness index (0–1, 1=most ready)	..	0.31	0.24
Secure Internet servers (per million people)	0.0	0.5	0.6

Northern Mariana Islands

East Asia & Pacific

Upper middle income

	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	..	0.08	811
Urban population (% of total)	93	95	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.9
Adult literacy rate (% ages 15 and older)	93
Gross primary, secondary, and tertiary enrollment (%)	82
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	
Level of competition (competition, partial comp., monopoly)			
International long distance service	
Mobile telephone service	
Internet service	
Government prioritization of sector (1–7, 7=highest)	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	21.6
International voice traffic (minutes per person)
Mobile telephone subscribers (per 100 people)	..	26.2	66.0
Population covered by mobile telephony (%)	95
Internet users (per 100 people)	22.2
Personal computers (per 100 people)	13.3
Households with a television set (%)	93
Quality			
Telephone faults (per 100 mainlines)	7.5
Broadband subscribers (per 100 people)	3.57
International Internet bandwidth (bits per person)	242
Affordability			
Price basket for residential fixed line (\$ a month)	11.4
Price basket for mobile telephone service (\$ a month)	10.9
Price basket for Internet service (\$ a month)	11.7
Price of call to United States (\$ for 3 minutes)	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.6
Telephone subscribers per employee	594
Telecommunications investment (% of revenue)
Applications			
Sector expenditure (% of GDP)	5.2
E-government readiness index (0–1, 1=most ready)	0.54
Secure Internet servers (per million people)	..	48.7	21.1

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	4	5	1,031
Urban population (% of total)	76	78	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	35,870	68,440	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.6	2.3	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	98	99	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	P	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.2	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	53.5	44.1	52.7
International voice traffic (minutes per person)	213	193	204
Mobile telephone subscribers (per 100 people)	71.8	108.2	90.1
Population covered by mobile telephony (%)	96	..	99
Internet users (per 100 people)	26.7	87.4	59.3
Personal computers (per 100 people)	49.0	59.4	56.7
Households with a television set (%)	99	100	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	0.52	27.43	19.20
International Internet bandwidth (bits per person)	875	9,305	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	25.4	37.9	26.6
Price basket for mobile telephone service (\$ a month)	..	19.8	17.0
Price basket for Internet service (\$ a month)	..	29.8	13.7
Price of call to United States (\$ for 3 minutes)	0.40	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.4	1.4	4.4
Telephone subscribers per employee	251	445	641
Telecommunications investment (% of revenue)	89.3	..	16.1
Applications			
Sector expenditure (% of GDP)	5.6	4.9	7.2
E-government readiness index (0–1, 1=most ready)	..	0.89	0.74
Secure Internet servers (per million people)	81.8	625.2	569.4

Oman

Middle East & North Africa		Upper middle income	
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	2	3	811
Urban population (% of total)	72	72	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	6,720	11,120	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.2	4.2	3.9
Adult literacy rate (% ages 15 and older)	..	81	93
Gross primary, secondary, and tertiary enrollment (%)	68	67	82
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	M	P	
Internet service	..	M	
Government prioritization of sector (1–7, 7=highest)	..	..	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	9.2	10.9	21.6
International voice traffic (minutes per person)	110	189	..
Mobile telephone subscribers (per 100 people)	6.7	71.4	66.0
Population covered by mobile telephony (%)	91	92	95
Internet users (per 100 people)	3.7	12.5	22.2
Personal computers (per 100 people)	3.3	5.2	13.3
Households with a television set (%)	79	79	93
Quality			
Telephone faults (per 100 mainlines)	..	89.7	7.5
Broadband subscribers (per 100 people)	0.00	0.60	3.57
International Internet bandwidth (bits per person)	16	174	242
Affordability			
Price basket for residential fixed line (\$ a month)	13.1	12.1	11.4
Price basket for mobile telephone service (\$ a month)	..	5.5	10.9
Price basket for Internet service (\$ a month)	..	5.2	11.7
Price of call to United States (\$ for 3 minutes)	7.89	1.87	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.9	2.4	3.6
Telephone subscribers per employee	186	583	594
Telecommunications investment (% of revenue)	19.0	43.3	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.47	0.54
Secure Internet servers (per million people)	0.8	5.8	21.1

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	138	159	2,420
Urban population (% of total)	33	35	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	490	800	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.0	5.5	6.5
Adult literacy rate (% ages 15 and older)	43	50	61
Gross primary, secondary, and tertiary enrollment (%)	37	40	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>P</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.6	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	2.2	3.3	2.5
International voice traffic (minutes per person)	7	10	..
Mobile telephone subscribers (per 100 people)	0.2	21.7	14.3
Population covered by mobile telephony (%)	27	36	40
Internet users (per 100 people)	0.2	7.5	4.2
Personal computers (per 100 people)	0.4	0.5	1.4
Households with a television set (%)	37	46	16
Quality			
Telephone faults (per 100 mainlines)	..	..	..
Broadband subscribers (per 100 people)	..	0.04	0.18
International Internet bandwidth (bits per person)	0	5	22
Affordability			
Price basket for residential fixed line (\$ a month)	6.9	4.1	6.1
Price basket for mobile telephone service (\$ a month)	..	2.4	10.0
Price basket for Internet service (\$ a month)	..	9.5	12.0
Price of call to United States (\$ for 3 minutes)	3.60	1.03	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.8	2.5	4.0
Telephone subscribers per employee	50	433	141
Telecommunications investment (% of revenue)	19.5	66.6	..
Applications			
Sector expenditure (% of GDP)	6.5	6.9	6.1
E-government readiness index (0–1, 1=most ready)	..	0.32	0.24
Secure Internet servers (per million people)	0.0	0.4	0.6

Palau

East Asia & Pacific		Upper middle income	
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	..	0.02	811
Urban population (% of total)	70	70	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	7,990	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	1.2	1.8	3.9
Adult literacy rate (% ages 15 and older)	93
Gross primary, secondary, and tertiary enrollment (%)	87	97	82
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	
Level of competition (competition, partial comp., monopoly)			
International long distance service	
Mobile telephone service	
Internet service	
Government prioritization of sector (1–7, 7=highest)	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	..	36.3	21.6
International voice traffic (minutes per person)
Mobile telephone subscribers (per 100 people)	..	41.3	66.0
Population covered by mobile telephony (%)	95
Internet users (per 100 people)	..	27.0	22.2
Personal computers (per 100 people)	13.3
Households with a television set (%)	93
Quality			
Telephone faults (per 100 mainlines)	7.5
Broadband subscribers (per 100 people)	3.57
International Internet bandwidth (bits per person)	242
Affordability			
Price basket for residential fixed line (\$ a month)	11.4
Price basket for mobile telephone service (\$ a month)	10.9
Price basket for Internet service (\$ a month)	11.7
Price of call to United States (\$ for 3 minutes)	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.4	5.3	3.6
Telephone subscribers per employee	594
Telecommunications investment (% of revenue)
Applications			
Sector expenditure (% of GDP)	5.2
E-government readiness index (0–1, 1=most ready)	0.54
Secure Internet servers (per million people)	..	50.0	21.1

Panama

Latin America & Caribbean		Upper middle income	
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	3	3	811
Urban population (% of total)	66	72	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,740	5,000	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.0	5.0	3.9
Adult literacy rate (% ages 15 and older)	92	..	93
Gross primary, secondary, and tertiary enrollment (%)	76	80	82
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>P</i>	<i>P</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	3.8	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	14.5	13.2	21.6
International voice traffic (minutes per person)	55	..	..
Mobile telephone subscribers (per 100 people)	13.9	52.4	66.0
Population covered by mobile telephony (%)	74	89	95
Internet users (per 100 people)	3.6	6.7	22.2
Personal computers (per 100 people)	3.6	4.6	13.3
Households with a television set (%)	78	79	93
Quality			
Telephone faults (per 100 mainlines)	48.0	12.2	7.5
Broadband subscribers (per 100 people)	0.13	0.54	3.57
International Internet bandwidth (bits per person)	112	287	242
Affordability			
Price basket for residential fixed line (\$ a month)	..	10.3	11.4
Price basket for mobile telephone service (\$ a month)	..	16.7	10.9
Price basket for Internet service (\$ a month)	..	38.5	11.7
Price of call to United States (\$ for 3 minutes)	4.36	..	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.8	3.9	3.6
Telephone subscribers per employee	153	330	594
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	9.0	8.2	5.2
E-government readiness index (0–1, 1=most ready)	..	0.47	0.54
Secure Internet servers (per million people)	9.6	77.2	21.1

Papua New Guinea

East Asia & Pacific

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	5	6	2,420
Urban population (% of total)	13	14	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	640	740	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	0.7	1.9	6.5
Adult literacy rate (% ages 15 and older)	57	..	61
Gross primary, secondary, and tertiary enrollment (%)	41	41	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	M	M	
Internet service	P	P	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	1.2	1.0	2.5
International voice traffic (minutes per person)	8	..	..
Mobile telephone subscribers (per 100 people)	0.2	1.2	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.8	1.8	4.2
Personal computers (per 100 people)	5.2	6.4	1.4
Households with a television set (%)	8	10	16
Quality			
Telephone faults (per 100 mainlines)	..	..	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	1	1	22
Affordability			
Price basket for residential fixed line (\$ a month)	20.1	7.3	6.1
Price basket for mobile telephone service (\$ a month)	..	14.6	10.0
Price basket for Internet service (\$ a month)	..	12.9	12.0
Price of call to United States (\$ for 3 minutes)	4.32	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.3	..	4.0
Telephone subscribers per employee	41	..	141
Telecommunications investment (% of revenue)	82.6	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.21	0.24
Secure Internet servers (per million people)	..	0.8	0.6

Paraguay

Latin America & Caribbean

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	5	6	2,276
Urban population (% of total)	55	59	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,350	1,410	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	0.1	2.9	7.6
Adult literacy rate (% ages 15 and older)	..	93	89
Gross primary, secondary, and tertiary enrollment (%)	70	69	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	3.2	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	5.3	5.5	21.6
International voice traffic (minutes per person)	20	31	21
Mobile telephone subscribers (per 100 people)	15.4	53.7	38.1
Population covered by mobile telephony (%)	..	..	..
Internet users (per 100 people)	0.7	4.3	11.4
Personal computers (per 100 people)	1.3	7.8	4.3
Households with a television set (%)	75	82	80
Quality			
Telephone faults (per 100 mainlines)	4.1	8.2	22.0
Broadband subscribers (per 100 people)	0.00	0.27	3.23
International Internet bandwidth (bits per person)	2	83	189
Affordability			
Price basket for residential fixed line (\$ a month)	18.0	6.4	8.2
Price basket for mobile telephone service (\$ a month)	..	3.4	9.8
Price basket for Internet service (\$ a month)	..	0.2	10.0
Price of call to United States (\$ for 3 minutes)	0.97	0.90	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.6	4.4	2.1
Telephone subscribers per employee	123	..	599
Telecommunications investment (% of revenue)	26.3	..	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.47	0.45
Secure Internet servers (per million people)	0.7	2.9	1.6

Peru

Latin America & Caribbean	Lower middle income		
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	26	28	2,276
Urban population (% of total)	72	73	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	2,080	2,980	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.4	4.9	7.6
Adult literacy rate (% ages 15 and older)	..	88	89
Gross primary, secondary, and tertiary enrollment (%)	88	86	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.3	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	6.7	8.5	21.6
International voice traffic (minutes per person)	22	99	21
Mobile telephone subscribers (per 100 people)	5.0	30.8	38.1
Population covered by mobile telephony (%)	..	..	..
Internet users (per 100 people)	3.1	22.1	11.4
Personal computers (per 100 people)	4.1	10.3	4.3
Households with a television set (%)	67	71	80
Quality			
Telephone faults (per 100 mainlines)	17.1	..	22.0
Broadband subscribers (per 100 people)	0.00	1.76	3.23
International Internet bandwidth (bits per person)	4	367	189
Affordability			
Price basket for residential fixed line (\$ a month)	18.9	18.8	8.2
Price basket for mobile telephone service (\$ a month)	..	23.0	9.8
Price basket for Internet service (\$ a month)	..	11.5	10.0
Price of call to United States (\$ for 3 minutes)	2.08	1.80	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.7	2.7	2.1
Telephone subscribers per employee	473	670	599
Telecommunications investment (% of revenue)	22.2	17.9	27.1
Applications			
Sector expenditure (% of GDP)	6.9	5.9	5.0
E-government readiness index (0–1, 1=most ready)	..	0.53	0.45
Secure Internet servers (per million people)	1.3	8.7	1.6

Philippines

East Asia & Pacific

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	76	86	2,276
Urban population (% of total)	59	63	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,050	1,390	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.5	4.9	7.6
Adult literacy rate (% ages 15 and older)	93	93	89
Gross primary, secondary, and tertiary enrollment (%)	79	81	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.2	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	4.0	4.2	21.6
International voice traffic (minutes per person)	28	28	21
Mobile telephone subscribers (per 100 people)	8.5	49.7	38.1
Population covered by mobile telephony (%)	70	99	..
Internet users (per 100 people)	2.0	5.5	11.4
Personal computers (per 100 people)	1.9	5.3	4.3
Households with a television set (%)	53	63	80
Quality			
Telephone faults (per 100 mainlines)	..	4.5	22.0
Broadband subscribers (per 100 people)	0.01	0.15	3.23
International Internet bandwidth (bits per person)	2	38	189
Affordability			
Price basket for residential fixed line (\$ a month)	12.3	11.6	8.2
Price basket for mobile telephone service (\$ a month)	..	5.3	9.8
Price basket for Internet service (\$ a month)	..	2.0	10.0
Price of call to United States (\$ for 3 minutes)	2.07	1.20	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.9	4.4	2.1
Telephone subscribers per employee	482	1,555	599
Telecommunications investment (% of revenue)	47.4	267.5	27.1
Applications			
Sector expenditure (% of GDP)	4.5	6.7	5.0
E-government readiness index (0–1, 1=most ready)	..	0.50	0.45
Secure Internet servers (per million people)	0.9	4.0	1.6

Poland

Europe & Central Asia	Upper middle income		
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	38	38	811
Urban population (% of total)	62	62	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	4,570	8,210	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.4	3.7	3.9
Adult literacy rate (% ages 15 and older)	..	..	93
Gross primary, secondary, and tertiary enrollment (%)	86	87	82
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>P</i>	<i>C</i>	
Internet service	<i>C</i>	..	
Government prioritization of sector (1–7, 7=highest)	..	3.6	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	28.5	30.1	21.6
International voice traffic (minutes per person)	51	61	..
Mobile telephone subscribers (per 100 people)	17.5	96.4	66.0
Population covered by mobile telephony (%)	95	99	95
Internet users (per 100 people)	7.3	28.8	22.2
Personal computers (per 100 people)	6.9	24.2	13.3
Households with a television set (%)	92	91	93
Quality			
Telephone faults (per 100 mainlines)	17.2	5.0	7.5
Broadband subscribers (per 100 people)	0.03	6.92	3.57
International Internet bandwidth (bits per person)	20	560	242
Affordability			
Price basket for residential fixed line (\$ a month)	14.0	14.3	11.4
Price basket for mobile telephone service (\$ a month)	..	7.6	10.9
Price basket for Internet service (\$ a month)	..	11.7	11.7
Price of call to United States (\$ for 3 minutes)	2.92	1.35	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.1	3.8	3.6
Telephone subscribers per employee	256	184	594
Telecommunications investment (% of revenue)	19.4	16.1	..
Applications			
Sector expenditure (% of GDP)	4.1	4.2	5.2
E-government readiness index (0–1, 1=most ready)	..	0.61	0.54
Secure Internet servers (per million people)	8.5	55.3	21.1

Portugal

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	10	11	1,031
Urban population (% of total)	54	58	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	11,600	17,850	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.2	0.7	2.3
Adult literacy rate (% ages 15 and older)	..	94	99
Gross primary, secondary, and tertiary enrollment (%)	92	90	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>C</i>	<i>C</i>	
Mobile telephone service	<i>P</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	5.9	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	42.3	40.0	52.7
International voice traffic (minutes per person)	137	178	204
Mobile telephone subscribers (per 100 people)	65.2	115.5	90.1
Population covered by mobile telephony (%)	99	99	99
Internet users (per 100 people)	16.4	30.3	59.3
Personal computers (per 100 people)	10.3	13.3	56.7
Households with a television set (%)	100	99	98
Quality			
Telephone faults (per 100 mainlines)	10.5	10.4	5.8
Broadband subscribers (per 100 people)	0.25	13.79	19.20
International Internet bandwidth (bits per person)	49	829	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	17.4	31.8	26.6
Price basket for mobile telephone service (\$ a month)	..	23.1	17.0
Price basket for Internet service (\$ a month)	..	28.7	13.7
Price of call to United States (\$ for 3 minutes)	0.83	1.04	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.5	4.9	4.4
Telephone subscribers per employee	594	1,126	641
Telecommunications investment (% of revenue)	40.2	12.8	16.1
Applications			
Sector expenditure (% of GDP)	4.2	4.3	7.2
E-government readiness index (0–1, 1=most ready)	..	0.65	0.74
Secure Internet servers (per million people)	13.4	86.4	569.4

Puerto Rico

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	4	4	1,031
Urban population (% of total)	95	98	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	10,560	..	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.4	..	2.3
Adult literacy rate (% ages 15 and older)	..	90	99
Gross primary, secondary, and tertiary enrollment (%)	..	..	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	..	..
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	34.0	26.5	52.7
International voice traffic (minutes per person)	..	..	204
Mobile telephone subscribers (per 100 people)	24.3	85.7	90.1
Population covered by mobile telephony (%)	..	100	99
Internet users (per 100 people)	10.5	23.4	59.3
Personal computers (per 100 people)	0.7	0.8	56.7
Households with a television set (%)	87	97	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	0.06	3.02	19.20
International Internet bandwidth (bits per person)	20	511	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	..	33.5	26.6
Price basket for mobile telephone service (\$ a month)	..	..	17.0
Price basket for Internet service (\$ a month)	..	..	13.7
Price of call to United States (\$ for 3 minutes)	..	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.2	..	4.4
Telephone subscribers per employee	387	..	641
Telecommunications investment (% of revenue)	..	..	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	..	0.74
Secure Internet servers (per million people)	16.4	46.1	569.4

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.62	0.82	1,031
Urban population (% of total)	95	95	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	..	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	..	9.7	2.3
Adult literacy rate (% ages 15 and older)	..	89	99
Gross primary, secondary, and tertiary enrollment (%)	80	78	92
Sector structure			
Separate telecommunications regulator	..	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	M	
Mobile telephone service	<i>M</i>	M	
Internet service	<i>M</i>	M	
Government prioritization of sector (1–7, 7=highest)	..	5.8	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	26.0	27.8	52.7
International voice traffic (minutes per person)	386	843	204
Mobile telephone subscribers (per 100 people)	19.6	112.0	90.1
Population covered by mobile telephony (%)	95	99	99
Internet users (per 100 people)	4.9	35.3	59.3
Personal computers (per 100 people)	14.6	18.2	56.7
Households with a television set (%)	88	90	98
Quality			
Telephone faults (per 100 mainlines)	13.0	13.8	5.8
Broadband subscribers (per 100 people)	0.03	5.69	19.20
International Internet bandwidth (bits per person)	69	944	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	10.1	10.1	26.6
Price basket for mobile telephone service (\$ a month)	..	8.9	17.0
Price basket for Internet service (\$ a month)	..	5.5	13.7
Price of call to United States (\$ for 3 minutes)	4.45	1.95	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.9	1.8	4.4
Telephone subscribers per employee	169	511	641
Telecommunications investment (% of revenue)	10.8	26.2	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	0.53	0.74
Secure Internet servers (per million people)	4.6	49.0	569.4

Romania

Europe & Central Asia	Upper middle income		
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	22	22	811
Urban population (% of total)	55	54	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,690	4,830	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	–2.1	6.0	3.9
Adult literacy rate (% ages 15 and older)	97	..	93
Gross primary, secondary, and tertiary enrollment (%)	68	77	82
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.1	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	17.4	19.5	21.6
International voice traffic (minutes per person)	34	..	..
Mobile telephone subscribers (per 100 people)	11.1	80.6	66.0
Population covered by mobile telephony (%)	97	98	95
Internet users (per 100 people)	3.6	32.4	22.2
Personal computers (per 100 people)	3.2	12.9	13.3
Households with a television set (%)	96	94	93
Quality			
Telephone faults (per 100 mainlines)	35.7	10.4	7.5
Broadband subscribers (per 100 people)	0.03	8.19	3.57
International Internet bandwidth (bits per person)	4	1,503	242
Affordability			
Price basket for residential fixed line (\$ a month)	10.6	7.2	11.4
Price basket for mobile telephone service (\$ a month)	..	10.5	10.9
Price basket for Internet service (\$ a month)	..	6.0	11.7
Price of call to United States (\$ for 3 minutes)	2.49	0.82	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.3	5.0	3.6
Telephone subscribers per employee	151	263	594
Telecommunications investment (% of revenue)	67.8	..	..
Applications			
Sector expenditure (% of GDP)	3.1	3.2	5.2
E-government readiness index (0–1, 1=most ready)	..	0.54	0.54
Secure Internet servers (per million people)	2.4	11.4	21.1

Russian Federation

Europe & Central Asia		Upper middle income	
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	146	143	811
Urban population (% of total)	73	73	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,710	5,770	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	1.2	6.4	3.9
Adult literacy rate (% ages 15 and older)	99	..	93
Gross primary, secondary, and tertiary enrollment (%)	..	89	82
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>P</i>	<i>P</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	4.5	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	21.9	28.0	21.6
International voice traffic (minutes per person)	13	..	..
Mobile telephone subscribers (per 100 people)	2.2	83.8	66.0
Population covered by mobile telephony (%)	..	..	95
Internet users (per 100 people)	2.0	18.0	22.2
Personal computers (per 100 people)	6.4	12.2	13.3
Households with a television set (%)	89	98	93
Quality			
Telephone faults (per 100 mainlines)	35.2	7.1	7.5
Broadband subscribers (per 100 people)	0.01	2.04	3.57
International Internet bandwidth (bits per person)	21	100	242
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	11.4
Price basket for mobile telephone service (\$ a month)	..	5.9	10.9
Price basket for Internet service (\$ a month)	..	12.7	11.7
Price of call to United States (\$ for 3 minutes)	2.56	2.03	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.0	2.9	3.6
Telephone subscribers per employee	83	439	594
Telecommunications investment (% of revenue)	11.5	..	..
Applications			
Sector expenditure (% of GDP)	3.5	3.2	5.2
E-government readiness index (0–1, 1=most ready)	..	0.51	0.54
Secure Internet servers (per million people)	2.0	4.5	21.1

Rwanda

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	8	9	2,420
Urban population (% of total)	14	20	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	240	250	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	9.8	5.0	6.5
Adult literacy rate (% ages 15 and older)	65	..	61
Gross primary, secondary, and tertiary enrollment (%)	48	51	57
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	..	
Mobile telephone service	<i>M</i>	<i>C</i>	
Internet service	..	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.2	0.2	2.5
International voice traffic (minutes per person)	..	..	..
Mobile telephone subscribers (per 100 people)	0.5	3.3	14.3
Population covered by mobile telephony (%)	50	75	40
Internet users (per 100 people)	0.1	0.7	4.2
Personal computers (per 100 people)	0.1	0.2	1.4
Households with a television set (%)	2	2	16
Quality			
Telephone faults (per 100 mainlines)	16.0	..	..
Broadband subscribers (per 100 people)	..	0.02	0.18
International Internet bandwidth (bits per person)	0	7	22
Affordability			
Price basket for residential fixed line (\$ a month)	8.4	6.6	6.1
Price basket for mobile telephone service (\$ a month)	..	12.3	10.0
Price basket for Internet service (\$ a month)	..	30.1	12.0
Price of call to United States (\$ for 3 minutes)	11.23	2.43	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.0	3.3	4.0
Telephone subscribers per employee	189	..	141
Telecommunications investment (% of revenue)	93.1	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.29	0.24
Secure Internet servers (per million people)	0.1	..	0.6

East Asia & Pacific		Lower middle income		
		Country data		Lower middle-income group
		2000	2006	2006
Economic and social context				
Population (millions)		0.18	0.19	2,276
Urban population (% of total)		22	23	47
GNI per capita, <i>World Bank Atlas</i> method (\$)		1,350	2,270	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)		3.3	3.8	7.6
Adult literacy rate (% ages 15 and older)		..	99	89
Gross primary, secondary, and tertiary enrollment (%)		72	74	71
Sector structure				
Separate telecommunications regulator		..	Yes	
Status of main fixed-line telephone operator		..	Public	
Level of competition (competition, partial comp., monopoly)				
International long distance service		..	M	
Mobile telephone service		..	P	
Internet service		..	C	
Government prioritization of sector (1–7, 7=highest)		..	..	4.3
Sector performance				
Access				
Telephone mainlines (per 100 people)		4.8	10.6	21.6
International voice traffic (minutes per person)		149	150	21
Mobile telephone subscribers (per 100 people)		1.4	13.1	38.1
Population covered by mobile telephony (%)		..	..	..
Internet users (per 100 people)		0.6	4.3	11.4
Personal computers (per 100 people)		0.6	1.9	4.3
Households with a television set (%)		86	88	80
Quality				
Telephone faults (per 100 mainlines)		22.0	..	22.0
Broadband subscribers (per 100 people)		..	0.04	3.23
International Internet bandwidth (bits per person)		1	49	189
Affordability				
Price basket for residential fixed line (\$ a month)		6.9	6.7	8.2
Price basket for mobile telephone service (\$ a month)		..	7.7	9.8
Price basket for Internet service (\$ a month)		..	10.3	10.0
Price of call to United States (\$ for 3 minutes)		1.36	..	2.08
Institutional efficiency and sustainability				
Telecommunications revenue (% of GDP)		4.2	4.9	2.1
Telephone subscribers per employee		55	95	599
Telecommunications investment (% of revenue)		13.3	..	27.1
Applications				
Sector expenditure (% of GDP)		..	..	5.0
E-government readiness index (0–1, 1=most ready)		..	0.38	0.45
Secure Internet servers (per million people)		11.2	21.4	1.6

San Marino

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	..	0.03	1,031
Urban population (% of total)	94	98	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	45,130	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	..	3.7	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	..	..	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	..	73.4	52.7
International voice traffic (minutes per person)	..	6,448	204
Mobile telephone subscribers (per 100 people)	..	60.8	90.1
Population covered by mobile telephony (%)	..	..	99
Internet users (per 100 people)	..	53.8	59.3
Personal computers (per 100 people)	..	86.5	56.7
Households with a television set (%)	..	..	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	..	5.17	19.20
International Internet bandwidth (bits per person)	..	5,420	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	10.8	23.6	26.6
Price basket for mobile telephone service (\$ a month)	..	..	17.0
Price basket for Internet service (\$ a month)	..	..	13.7
Price of call to United States (\$ for 3 minutes)	..	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	0.4	4.4
Telephone subscribers per employee	497	487	641
Telecommunications investment (% of revenue)	60.0	50.0	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	..	0.74
Secure Internet servers (per million people)	..	489.5	569.4

São Tomé and Príncipe

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.14	0.16	2,420
Urban population (% of total)	53	59	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	800	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	..	6.7	6.5
Adult literacy rate (% ages 15 and older)	85	..	61
Gross primary, secondary, and tertiary enrollment (%)	61	65	57
Sector structure			
Separate telecommunications regulator	..	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	..	<i>M</i>	
Internet service	..	<i>M</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	3.3	4.9	2.5
International voice traffic (minutes per person)	27	51	..
Mobile telephone subscribers (per 100 people)	1.4	11.9	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	4.6	18.7	4.2
Personal computers (per 100 people)	1.0	3.9	1.4
Households with a television set (%)	24	35	16
Quality			
Telephone faults (per 100 mainlines)	4.0	..	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	14	26	22
Affordability			
Price basket for residential fixed line (\$ a month)	9.4	..	6.1
Price basket for mobile telephone service (\$ a month)	..	16.7	10.0
Price basket for Internet service (\$ a month)	..	53.2	12.0
Price of call to United States (\$ for 3 minutes)	5.56	5.11	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	6.6	9.1	4.0
Telephone subscribers per employee	43	219	141
Telecommunications investment (% of revenue)	16.6	14.9	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.32	0.24
Secure Internet servers (per million people)	..	12.7	0.6

Saudi Arabia

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	21	24	1,031
Urban population (% of total)	80	81	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	8,140	13,980	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.3	4.4	2.3
Adult literacy rate (% ages 15 and older)	79	83	99
Gross primary, secondary, and tertiary enrollment (%)	..	76	92
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	P	
Mobile telephone service	M	P	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	14.3	16.7	52.7
International voice traffic (minutes per person)	87	216	204
Mobile telephone subscribers (per 100 people)	6.7	83.0	90.1
Population covered by mobile telephony (%)	92	96	99
Internet users (per 100 people)	2.2	19.8	59.3
Personal computers (per 100 people)	6.3	13.6	56.7
Households with a television set (%)	93	99	98
Quality			
Telephone faults (per 100 mainlines)	2.0	..	5.8
Broadband subscribers (per 100 people)	0.00	0.92	19.20
International Internet bandwidth (bits per person)	16	126	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	11.7	11.7	26.6
Price basket for mobile telephone service (\$ a month)	..	9.7	17.0
Price basket for Internet service (\$ a month)	..	5.3	13.7
Price of call to United States (\$ for 3 minutes)	5.20	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.4	3.1	4.4
Telephone subscribers per employee	189	927	641
Telecommunications investment (% of revenue)	33.9	20.8	16.1
Applications			
Sector expenditure (% of GDP)	2.4	2.1	7.2
E-government readiness index (0–1, 1=most ready)	..	0.49	0.74
Secure Internet servers (per million people)	0.5	6.6	569.4

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	10	12	2,420
Urban population (% of total)	41	42	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	490	760	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.4	4.5	6.5
Adult literacy rate (% ages 15 and older)	39	..	61
Gross primary, secondary, and tertiary enrollment (%)	33	40	57
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>P</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	2.0	2.3	2.5
International voice traffic (minutes per person)	17	39	..
Mobile telephone subscribers (per 100 people)	2.4	24.7	14.3
Population covered by mobile telephony (%)	..	85	40
Internet users (per 100 people)	0.4	5.4	4.2
Personal computers (per 100 people)	1.5	2.1	1.4
Households with a television set (%)	26	31	16
Quality			
Telephone faults (per 100 mainlines)	17.0	2.0	..
Broadband subscribers (per 100 people)	0.01	0.24	0.18
International Internet bandwidth (bits per person)	3	103	22
Affordability			
Price basket for residential fixed line (\$ a month)	8.7	15.4	6.1
Price basket for mobile telephone service (\$ a month)	..	9.4	10.0
Price basket for Internet service (\$ a month)	..	25.8	12.0
Price of call to United States (\$ for 3 minutes)	2.23	1.02	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.0	9.1	4.0
Telephone subscribers per employee	324	1,100	141
Telecommunications investment (% of revenue)	42.5	22.1	..
Applications			
Sector expenditure (% of GDP)	6.7	8.5	6.1
E-government readiness index (0–1, 1=most ready)	..	0.25	0.24
Secure Internet servers (per million people)	0.1	3.1	0.6

Serbia

Europe & Central Asia	Upper middle income		
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	8	7	811
Urban population (% of total)	..	..	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,460	4,030	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	..	5.3	3.9
Adult literacy rate (% ages 15 and older)	..	..	93
Gross primary, secondary, and tertiary enrollment (%)	..	..	82
Sector structure			
Separate telecommunications regulator	..	..
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	..	..
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	4.3	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	32.0	36.0	21.6
International voice traffic (minutes per person)	..	..	..
Mobile telephone subscribers (per 100 people)	17.3	70.3	66.0
Population covered by mobile telephony (%)	77	99	95
Internet users (per 100 people)	5.3	20.3	22.2
Personal computers (per 100 people)	3.2	5.2	13.3
Households with a television set (%)	92	..	93
Quality			
Telephone faults (per 100 mainlines)	..	..	7.5
Broadband subscribers (per 100 people)	..	..	3.57
International Internet bandwidth (bits per person)	1	95	242
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	11.4
Price basket for mobile telephone service (\$ a month)	..	5.8	10.9
Price basket for Internet service (\$ a month)	..	6.9	11.7
Price of call to United States (\$ for 3 minutes)	..	..	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	0.1	0.0	3.6
Telephone subscribers per employee	247	605	594
Telecommunications investment (% of revenue)	28.0	52.3	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	..	0.54
Secure Internet servers (per million people)	..	5.1	21.1

Seychelles

Sub-Saharan Africa

Upper middle income

	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.08	0.08	811
Urban population (% of total)	51	53	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	7,420	8,870	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	6.6	–1.2	3.9
Adult literacy rate (% ages 15 and older)	92	..	93
Gross primary, secondary, and tertiary enrollment (%)	87	82	82
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	P	C	
Mobile telephone service	P	P	
Internet service	P	C	
Government prioritization of sector (1–7, 7=highest)	..	..	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	25.4	24.4	21.6
International voice traffic (minutes per person)	137	..	..
Mobile telephone subscribers (per 100 people)	32.0	83.1	66.0
Population covered by mobile telephony (%)	97	98	95
Internet users (per 100 people)	7.4	34.3	22.2
Personal computers (per 100 people)	13.6	19.3	13.3
Households with a television set (%)	86	89	93
Quality			
Telephone faults (per 100 mainlines)	..	6.0	7.5
Broadband subscribers (per 100 people)	..	1.57	3.57
International Internet bandwidth (bits per person)	25	307	242
Affordability			
Price basket for residential fixed line (\$ a month)	18.0	18.1	11.4
Price basket for mobile telephone service (\$ a month)	..	16.9	10.9
Price basket for Internet service (\$ a month)	..	31.9	11.7
Price of call to United States (\$ for 3 minutes)	5.59	3.78	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	6.5	..	3.6
Telephone subscribers per employee	126	..	594
Telecommunications investment (% of revenue)	10.3	..	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.49	0.54
Secure Internet servers (per million people)	12.3	536.9	21.1

Sierra Leone

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	5	6	2,420
Urban population (% of total)	37	41	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	140	240	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	-5.2	12.3	6.5
Adult literacy rate (% ages 15 and older)	..	35	61
Gross primary, secondary, and tertiary enrollment (%)	45	74	57
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	P	
Mobile telephone service	C	C	
Internet service	C	P	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.4	..	2.5
International voice traffic (minutes per person)	..	..	..
Mobile telephone subscribers (per 100 people)	0.3	2.2	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.1	0.2	4.2
Personal computers (per 100 people)	..	..	1.4
Households with a television set (%)	4	..	16
Quality			
Telephone faults (per 100 mainlines)	..	..	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	..	22
Affordability			
Price basket for residential fixed line (\$ a month)	3.0	..	6.1
Price basket for mobile telephone service (\$ a month)	..	70.9	10.0
Price basket for Internet service (\$ a month)	..	10.6	12.0
Price of call to United States (\$ for 3 minutes)	2.74	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	4.0
Telephone subscribers per employee	31	..	141
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.15	0.24
Secure Internet servers (per million people)	0.2	0.7	0.6

Singapore

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	4	4	1,031
Urban population (% of total)	100	100	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	22,970	28,730	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.7	5.0	2.3
Adult literacy rate (% ages 15 and older)	93	..	99
Gross primary, secondary, and tertiary enrollment (%)	..	..	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	6.3	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	48.3	41.3	52.7
International voice traffic (minutes per person)	644	1,045	204
Mobile telephone subscribers (per 100 people)	68.2	106.8	90.1
Population covered by mobile telephony (%)	100	100	99
Internet users (per 100 people)	32.3	38.3	59.3
Personal computers (per 100 people)	48.2	68.2	56.7
Households with a television set (%)	99	98	98
Quality			
Telephone faults (per 100 mainlines)	2.4	0.3	5.8
Broadband subscribers (per 100 people)	1.89	17.76	19.20
International Internet bandwidth (bits per person)	558	7,052	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	6.2	6.3	26.6
Price basket for mobile telephone service (\$ a month)	..	6.1	17.0
Price basket for Internet service (\$ a month)	..	13.2	13.7
Price of call to United States (\$ for 3 minutes)	0.68	0.69	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.4	3.1	4.4
Telephone subscribers per employee	584	..	641
Telecommunications investment (% of revenue)	14.9	12.6	16.1
Applications			
Sector expenditure (% of GDP)	9.7	9.3	7.2
E-government readiness index (0–1, 1=most ready)	..	0.70	0.74
Secure Internet servers (per million people)	126.9	365.5	569.4

Slovak Republic

Europe & Central Asia	Upper middle income		
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	5	5	811
Urban population (% of total)	56	56	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,860	9,610	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.5	5.1	3.9
Adult literacy rate (% ages 15 and older)	..	..	93
Gross primary, secondary, and tertiary enrollment (%)	72	78	82
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.4	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	31.5	21.7	21.6
International voice traffic (minutes per person)	59	90	..
Mobile telephone subscribers (per 100 people)	23.1	90.8	66.0
Population covered by mobile telephony (%)	98	100	95
Internet users (per 100 people)	9.4	41.8	22.2
Personal computers (per 100 people)	13.7	35.8	13.3
Households with a television set (%)	96	98	93
Quality			
Telephone faults (per 100 mainlines)	27.0	7.9	7.5
Broadband subscribers (per 100 people)	0.08	5.88	3.57
International Internet bandwidth (bits per person)	41	2,913	242
Affordability			
Price basket for residential fixed line (\$ a month)	9.2	19.8	11.4
Price basket for mobile telephone service (\$ a month)	..	12.2	10.9
Price basket for Internet service (\$ a month)	..	19.8	11.7
Price of call to United States (\$ for 3 minutes)	1.13	1.06	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.8	3.6	3.6
Telephone subscribers per employee	191	559	594
Telecommunications investment (% of revenue)	22.6	22.6	..
Applications			
Sector expenditure (% of GDP)	5.9	5.5	5.2
E-government readiness index (0–1, 1=most ready)	..	0.59	0.54
Secure Internet servers (per million people)	14.7	42.3	21.1

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	2	2	1,031
Urban population (% of total)	51	51	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	10,780	18,660	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.5	3.7	2.3
Adult literacy rate (% ages 15 and older)	..	100	99
Gross primary, secondary, and tertiary enrollment (%)	87	94	92
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	P	
Mobile telephone service	<i>P</i>	C	
Internet service	<i>C</i>	C	
Government prioritization of sector (1–7, 7=highest)	..	4.7	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	39.5	41.7	52.7
International voice traffic (minutes per person)	..	..	204
Mobile telephone subscribers (per 100 people)	61.1	90.7	90.1
Population covered by mobile telephony (%)	98	99	99
Internet users (per 100 people)	15.1	62.3	59.3
Personal computers (per 100 people)	27.6	40.4	56.7
Households with a television set (%)	92	96	98
Quality			
Telephone faults (per 100 mainlines)	20.5	13.4	5.8
Broadband subscribers (per 100 people)	0.28	13.14	19.20
International Internet bandwidth (bits per person)	95	1,255	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	10.1	17.6	26.6
Price basket for mobile telephone service (\$ a month)	..	10.1	17.0
Price basket for Internet service (\$ a month)	..	18.8	13.7
Price of call to United States (\$ for 3 minutes)	0.81	0.65	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.8	3.5	4.4
Telephone subscribers per employee	541	1,225	641
Telecommunications investment (% of revenue)	101.1	20.2	16.1
Applications			
Sector expenditure (% of GDP)	2.6	3.1	7.2
E-government readiness index (0–1, 1=most ready)	..	0.67	0.74
Secure Internet servers (per million people)	51.2	140.2	569.4

Solomon Islands

East Asia & Pacific

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.42	0.48	2,420
Urban population (% of total)	16	17	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	690	690	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	-1.7	3.2	6.5
Adult literacy rate (% ages 15 and older)	..	..	61
Gross primary, secondary, and tertiary enrollment (%)	40	48	57
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	1.9	1.6	2.5
International voice traffic (minutes per person)	23	..	..
Mobile telephone subscribers (per 100 people)	0.3	1.3	14.3
Population covered by mobile telephony (%)	35	..	40
Internet users (per 100 people)	0.5	1.7	4.2
Personal computers (per 100 people)	3.9	4.7	1.4
Households with a television set (%)	4	5	16
Quality			
Telephone faults (per 100 mainlines)	5.0	..	..
Broadband subscribers (per 100 people)	..	0.10	0.18
International Internet bandwidth (bits per person)	1	17	22
Affordability			
Price basket for residential fixed line (\$ a month)	13.8	12.2	6.1
Price basket for mobile telephone service (\$ a month)	..	28.0	10.0
Price basket for Internet service (\$ a month)	..	5.7	12.0
Price of call to United States (\$ for 3 minutes)	..	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.0	3.8	4.0
Telephone subscribers per employee	59	..	141
Telecommunications investment (% of revenue)	167.6	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.27	0.24
Secure Internet servers (per million people)	..	2.0	0.6

Somalia

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	7	8	2,420
Urban population (% of total)	33	36	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	..	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	..	..	6.5
Adult literacy rate (% ages 15 and older)	..	..	61
Gross primary, secondary, and tertiary enrollment (%)	..	..	57
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.4	1.2	2.5
International voice traffic (minutes per person)	..	..	..
Mobile telephone subscribers (per 100 people)	1.1	6.1	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.2	1.1	4.2
Personal computers (per 100 people)	0.1	0.9	1.4
Households with a television set (%)	8	8	16
Quality			
Telephone faults (per 100 mainlines)	..	..	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	0	22
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	6.1
Price basket for mobile telephone service (\$ a month)	..	5.1	10.0
Price basket for Internet service (\$ a month)	..	..	12.0
Price of call to United States (\$ for 3 minutes)	..	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	4.0
Telephone subscribers per employee	..	..	141
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	..	0.24
Secure Internet servers (per million people)	..	0.1	0.6

South Africa

Sub-Saharan Africa	Upper middle income		
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	44	47	811
Urban population (% of total)	57	60	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,050	5,390	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.5	4.1	3.9
Adult literacy rate (% ages 15 and older)	..	..	93
Gross primary, secondary, and tertiary enrollment (%)	76	77	82
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>C</i>	<i>P</i>	
Internet service	..	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.9	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	11.3	10.1	21.6
International voice traffic (minutes per person)	25	..	..
Mobile telephone subscribers (per 100 people)	19.0	72.4	66.0
Population covered by mobile telephony (%)	92	96	95
Internet users (per 100 people)	5.5	10.9	22.2
Personal computers (per 100 people)	6.6	8.5	13.3
Households with a television set (%)	55	59	93
Quality			
Telephone faults (per 100 mainlines)	51.8	..	7.5
Broadband subscribers (per 100 people)	0.01	0.35	3.57
International Internet bandwidth (bits per person)	8	19	242
Affordability			
Price basket for residential fixed line (\$ a month)	13.3	22.7	11.4
Price basket for mobile telephone service (\$ a month)	..	13.8	10.9
Price basket for Internet service (\$ a month)	..	11.6	11.7
Price of call to United States (\$ for 3 minutes)	1.98	0.79	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	5.1	6.4	3.6
Telephone subscribers per employee	264	1,145	594
Telecommunications investment (% of revenue)	25.5	9.8	..
Applications			
Sector expenditure (% of GDP)	7.9	10.0	5.2
E-government readiness index (0–1, 1=most ready)	..	0.51	0.54
Secure Internet servers (per million people)	11.6	31.0	21.1

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	40	44	1,031
Urban population (% of total)	76	77	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	15,420	27,340	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.2	3.3	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	92	98	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.7	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	42.5	41.7	52.7
International voice traffic (minutes per person)	139	173	204
Mobile telephone subscribers (per 100 people)	60.3	104.6	90.1
Population covered by mobile telephony (%)	99	99	99
Internet users (per 100 people)	13.6	42.1	59.3
Personal computers (per 100 people)	17.4	27.7	56.7
Households with a television set (%)	99	99	98
Quality			
Telephone faults (per 100 mainlines)	1.5	14.2	5.8
Broadband subscribers (per 100 people)	0.19	15.08	19.20
International Internet bandwidth (bits per person)	297	2,776	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	14.7	25.8	26.6
Price basket for mobile telephone service (\$ a month)	..	21.7	17.0
Price basket for Internet service (\$ a month)	..	32.0	13.7
Price of call to United States (\$ for 3 minutes)	1.08	0.60	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.2	4.3	4.4
Telephone subscribers per employee	638	656	641
Telecommunications investment (% of revenue)	36.7	13.7	16.1
Applications			
Sector expenditure (% of GDP)	4.0	3.6	7.2
E-government readiness index (0–1, 1=most ready)	..	0.72	0.74
Secure Internet servers (per million people)	23.0	144.5	569.4

Sri Lanka

South Asia	Lower middle income		
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	19	20	2,276
Urban population (% of total)	16	15	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	850	1,310	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.0	4.8	7.6
Adult literacy rate (% ages 15 and older)	91	..	89
Gross primary, secondary, and tertiary enrollment (%)	64	63	71
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>P</i>	<i>P</i>	
Internet service	<i>C</i>	<i>P</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.8	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	4.0	9.5	21.6
International voice traffic (minutes per person)	10	28	21
Mobile telephone subscribers (per 100 people)	2.2	27.2	38.1
Population covered by mobile telephony (%)	58	85	..
Internet users (per 100 people)	0.6	2.2	11.4
Personal computers (per 100 people)	0.7	3.7	4.3
Households with a television set (%)	22	32	80
Quality			
Telephone faults (per 100 mainlines)	132.0	8.6	22.0
Broadband subscribers (per 100 people)	0.00	0.15	3.23
International Internet bandwidth (bits per person)	1	25	189
Affordability			
Price basket for residential fixed line (\$ a month)	6.9	8.2	8.2
Price basket for mobile telephone service (\$ a month)	..	1.2	9.8
Price basket for Internet service (\$ a month)	..	4.4	10.0
Price of call to United States (\$ for 3 minutes)	3.29	2.11	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.9	2.6	2.1
Telephone subscribers per employee	101	619	599
Telecommunications investment (% of revenue)	35.8	12.2	27.1
Applications			
Sector expenditure (% of GDP)	5.0	5.4	5.0
E-government readiness index (0–1, 1=most ready)	..	0.42	0.45
Secure Internet servers (per million people)	0.3	2.6	1.6

St. Kitts and Nevis

Latin America & Caribbean		Upper middle income	
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.04	0.05	811
Urban population (% of total)	33	32	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	6,490	8,460	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.3	3.9	3.9
Adult literacy rate (% ages 15 and older)	..	..	93
Gross primary, secondary, and tertiary enrollment (%)	84	73	82
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	..	..
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	49.5	53.2	21.6
International voice traffic (minutes per person)	711	572	..
Mobile telephone subscribers (per 100 people)	2.7	21.3	66.0
Population covered by mobile telephony (%)	..	..	95
Internet users (per 100 people)	6.1	..	22.2
Personal computers (per 100 people)	15.8	23.4	13.3
Households with a television set (%)	71	..	93
Quality			
Telephone faults (per 100 mainlines)	..	..	7.5
Broadband subscribers (per 100 people)	1.07	..	3.57
International Internet bandwidth (bits per person)	42	..	242
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	11.4
Price basket for mobile telephone service (\$ a month)	..	12.0	10.9
Price basket for Internet service (\$ a month)	..	22.0	11.7
Price of call to United States (\$ for 3 minutes)	..	..	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	9.1	..	3.6
Telephone subscribers per employee	167	..	594
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.48	0.54
Secure Internet servers (per million people)	347.0	1,086.3	21.1

St. Lucia

Latin America & Caribbean		Upper middle income	
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.16	0.17	811
Urban population (% of total)	28	28	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	3,910	5,060	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.0	3.8	3.9
Adult literacy rate (% ages 15 and older)	..	..	93
Gross primary, secondary, and tertiary enrollment (%)	72	75	82
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	..	
Mobile telephone service	M	C	
Internet service	M	..	
Government prioritization of sector (1–7, 7=highest)	..	..	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	31.3	..	21.6
International voice traffic (minutes per person)	356	218	..
Mobile telephone subscribers (per 100 people)	1.6	64.1	66.0
Population covered by mobile telephony (%)	..	80	95
Internet users (per 100 people)	5.1	33.9	22.2
Personal computers (per 100 people)	14.1	16.0	13.3
Households with a television set (%)	77	..	93
Quality			
Telephone faults (per 100 mainlines)	..	..	7.5
Broadband subscribers (per 100 people)	..	..	3.57
International Internet bandwidth (bits per person)	95	..	242
Affordability			
Price basket for residential fixed line (\$ a month)	13.9	12.6	11.4
Price basket for mobile telephone service (\$ a month)	..	11.8	10.9
Price basket for Internet service (\$ a month)	..	22.0	11.7
Price of call to United States (\$ for 3 minutes)	..	..	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	3.6
Telephone subscribers per employee	..	..	594
Telecommunications investment (% of revenue)	..	..	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.47	0.54
Secure Internet servers (per million people)	12.7	53.6	21.1

St. Vincent & Grenadines

Latin America & Caribbean		Upper middle income	
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.12	0.12	811
Urban population (% of total)	44	46	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	2,740	3,320	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.7	3.5	3.9
Adult literacy rate (% ages 15 and older)	..	..	93
Gross primary, secondary, and tertiary enrollment (%)	65	69	82
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	M	C	
Internet service	M	C	
Government prioritization of sector (1–7, 7=highest)	..	..	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	21.5	18.9	21.6
International voice traffic (minutes per person)	425	289	..
Mobile telephone subscribers (per 100 people)	2.0	73.2	66.0
Population covered by mobile telephony (%)	55	95	95
Internet users (per 100 people)	3.0	8.4	22.2
Personal computers (per 100 people)	10.3	13.8	13.3
Households with a television set (%)	79	79	93
Quality			
Telephone faults (per 100 mainlines)	8.6	17.0	7.5
Broadband subscribers (per 100 people)	0.07	4.69	3.57
International Internet bandwidth (bits per person)	34	25	242
Affordability			
Price basket for residential fixed line (\$ a month)	11.6	13.2	11.4
Price basket for mobile telephone service (\$ a month)	..	12.9	10.9
Price basket for Internet service (\$ a month)	..	22.0	11.7
Price of call to United States (\$ for 3 minutes)	3.97	..	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	8.6	13.1	3.6
Telephone subscribers per employee	165	695	594
Telecommunications investment (% of revenue)	15.2	..	..
Applications			
Sector expenditure (% of GDP)	..	..	5.2
E-government readiness index (0–1, 1=most ready)	..	0.43	0.54
Secure Internet servers (per million people)	25.7	91.4	21.1

Sudan

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	33	38	2,420
Urban population (% of total)	36	42	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	310	800	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	6.2	7.0	6.5
Adult literacy rate (% ages 15 and older)	61	..	61
Gross primary, secondary, and tertiary enrollment (%)	31	37	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>P</i>	
Mobile telephone service	<i>M</i>	<i>P</i>	
Internet service	<i>C</i>	<i>P</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	1.2	1.7	2.5
International voice traffic (minutes per person)	6	12	..
Mobile telephone subscribers (per 100 people)	0.1	12.4	14.3
Population covered by mobile telephony (%)	60	..	40
Internet users (per 100 people)	0.1	9.3	4.2
Personal computers (per 100 people)	0.3	11.2	1.4
Households with a television set (%)	45	16	16
Quality			
Telephone faults (per 100 mainlines)	5.0	95.5	..
Broadband subscribers (per 100 people)	..	0.01	0.18
International Internet bandwidth (bits per person)	0	5	22
Affordability			
Price basket for residential fixed line (\$ a month)	3.8	6.3	6.1
Price basket for mobile telephone service (\$ a month)	..	4.0	10.0
Price basket for Internet service (\$ a month)	..	52.5	12.0
Price of call to United States (\$ for 3 minutes)	42.02	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.1	7.6	4.0
Telephone subscribers per employee	146	624	141
Telecommunications investment (% of revenue)	71.2	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.22	0.24
Secure Internet servers (per million people)	..	0.0	0.6

Suriname

Latin America & Caribbean

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.44	0.46	2,276
Urban population (% of total)	72	74	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	2,060	4,210	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	1.7	6.0	7.6
Adult literacy rate (% ages 15 and older)	..	90	89
Gross primary, secondary, and tertiary enrollment (%)	73	77	71
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	P	M	
Mobile telephone service	P	M	
Internet service	C	P	
Government prioritization of sector (1–7, 7=highest)	..	3.0	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	17.3	17.9	21.6
International voice traffic (minutes per person)	105	277	21
Mobile telephone subscribers (per 100 people)	9.4	70.3	38.1
Population covered by mobile telephony (%)	..	..	..
Internet users (per 100 people)	2.7	7.1	11.4
Personal computers (per 100 people)	4.5	4.4	4.3
Households with a television set (%)	65	66	80
Quality			
Telephone faults (per 100 mainlines)	30.9	40.1	22.0
Broadband subscribers (per 100 people)	0.02	0.58	3.23
International Internet bandwidth (bits per person)	7	439	189
Affordability			
Price basket for residential fixed line (\$ a month)	5.5	6.5	8.2
Price basket for mobile telephone service (\$ a month)	..	9.6	9.8
Price basket for Internet service (\$ a month)	..	16.2	10.0
Price of call to United States (\$ for 3 minutes)	2.29	1.33	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	5.2	2.1
Telephone subscribers per employee	111	318	599
Telecommunications investment (% of revenue)	40.9	32.4	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.35	0.45
Secure Internet servers (per million people)	..	10.9	1.6

Swaziland

Sub-Saharan Africa

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	1	1	2,276
Urban population (% of total)	23	24	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,370	2,400	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.4	2.4	7.6
Adult literacy rate (% ages 15 and older)	80	..	89
Gross primary, secondary, and tertiary enrollment (%)	61	60	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>M</i>	<i>M</i>	
Internet service	<i>C</i>	..	
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	3.0	3.9	21.6
International voice traffic (minutes per person)	47	47	21
Mobile telephone subscribers (per 100 people)	3.2	22.0	38.1
Population covered by mobile telephony (%)	70	..	..
Internet users (per 100 people)	1.0	3.7	11.4
Personal computers (per 100 people)	1.1	3.7	4.3
Households with a television set (%)	18	18	80
Quality			
Telephone faults (per 100 mainlines)	160.0	90.0	22.0
Broadband subscribers (per 100 people)	..	..	3.23
International Internet bandwidth (bits per person)	1	1	189
Affordability			
Price basket for residential fixed line (\$ a month)	4.1	8.3	8.2
Price basket for mobile telephone service (\$ a month)	..	13.5	9.8
Price basket for Internet service (\$ a month)	..	15.1	10.0
Price of call to United States (\$ for 3 minutes)	3.68	2.97	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.7	12.3	2.1
Telephone subscribers per employee	137	279	599
Telecommunications investment (% of revenue)	9.9	13.2	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.35	0.45
Secure Internet servers (per million people)	0.9	4.4	1.6

Sweden

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	9	9	1,031
Urban population (% of total)	84	84	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	28,870	43,530	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.3	2.7	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	113	95	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>C</i>	<i>C</i>	
Mobile telephone service	<i>P</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	5.3	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	64.8	59.4	52.7
International voice traffic (minutes per person)	..	..	204
Mobile telephone subscribers (per 100 people)	71.8	105.8	90.1
Population covered by mobile telephony (%)	99	99	99
Internet users (per 100 people)	45.6	76.9	59.3
Personal computers (per 100 people)	50.7	83.6	56.7
Households with a television set (%)	94	94	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	2.81	25.83	19.20
International Internet bandwidth (bits per person)	2,098	17,468	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	..	26.7	26.6
Price basket for mobile telephone service (\$ a month)	..	6.0	17.0
Price basket for Internet service (\$ a month)	..	19.2	13.7
Price of call to United States (\$ for 3 minutes)	0.36	0.41	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.2	2.8	4.4
Telephone subscribers per employee	422	764	641
Telecommunications investment (% of revenue)	31.9	11.8	16.1
Applications			
Sector expenditure (% of GDP)	7.4	7.2	7.2
E-government readiness index (0–1, 1=most ready)	..	0.92	0.74
Secure Internet servers (per million people)	116.1	603.0	569.4

Switzerland

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	7	7	1,031
Urban population (% of total)	73	76	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	40,110	58,050	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.0	1.3	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	84	86	92
Sector structure			
Separate telecommunications regulator	Yes	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.3	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	72.9	67.3	52.7
International voice traffic (minutes per person)	665	..	204
Mobile telephone subscribers (per 100 people)	64.6	99.0	90.1
Population covered by mobile telephony (%)	98	100	99
Internet users (per 100 people)	29.2	58.2	59.3
Personal computers (per 100 people)	65.4	86.5	56.7
Households with a television set (%)	99	99	98
Quality			
Telephone faults (per 100 mainlines)	18.5	..	5.8
Broadband subscribers (per 100 people)	0.60	28.57	19.20
International Internet bandwidth (bits per person)	2,941	9,609	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	22.0	29.5	26.6
Price basket for mobile telephone service (\$ a month)	..	28.0	17.0
Price basket for Internet service (\$ a month)	..	7.9	13.7
Price of call to United States (\$ for 3 minutes)	0.21	0.32	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.4	3.3	4.4
Telephone subscribers per employee	409	537	641
Telecommunications investment (% of revenue)	27.2	12.7	16.1
Applications			
Sector expenditure (% of GDP)	7.8	7.7	7.2
E-government readiness index (0–1, 1=most ready)	..	0.76	0.74
Secure Internet servers (per million people)	149.2	817.8	569.4

Syrian Arab Republic

Middle East & North Africa

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006

Economic and social context

Population (millions)	17	19	2,276
Urban population (% of total)	50	51	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	960	1,560	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.2	4.2	7.6
Adult literacy rate (% ages 15 and older)	83	81	89
Gross primary, secondary, and tertiary enrollment (%)	57	65	71

Sector structure

Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	P	P	
Internet service	..	P	
Government prioritization of sector (1–7, 7=highest)	..	..	4.3

Sector performance

Access

Telephone mainlines (per 100 people)	10.1	16.7	21.6
International voice traffic (minutes per person)	24	44	21
Mobile telephone subscribers (per 100 people)	0.2	24.1	38.1
Population covered by mobile telephony (%)	50	99	..
Internet users (per 100 people)	0.2	7.7	11.4
Personal computers (per 100 people)	1.5	4.2	4.3
Households with a television set (%)	72	95	80

Quality

Telephone faults (per 100 mainlines)	50.0	50.0	22.0
Broadband subscribers (per 100 people)	..	0.03	3.23
International Internet bandwidth (bits per person)	1	8	189

Affordability

Price basket for residential fixed line (\$ a month)	3.3	2.7	8.2
Price basket for mobile telephone service (\$ a month)	..	10.0	9.8
Price basket for Internet service (\$ a month)	..	9.2	10.0
Price of call to United States (\$ for 3 minutes)	4.81	..	2.08

Institutional efficiency and sustainability

Telecommunications revenue (% of GDP)	1.9	3.0	2.1
Telephone subscribers per employee	80	221	599
Telecommunications investment (% of revenue)	58.2	10.4	27.1

Applications

Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.36	0.45
Secure Internet servers (per million people)	0.1	0.1	1.6

Tajikistan

Europe & Central Asia

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	6	7	2,420
Urban population (% of total)	26	25	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	180	390	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	1.1	9.1	6.5
Adult literacy rate (% ages 15 and older)	99	..	61
Gross primary, secondary, and tertiary enrollment (%)	67	71	57
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	3.5	4.3	2.5
International voice traffic (minutes per person)	4	10	..
Mobile telephone subscribers (per 100 people)	0.0	4.0	14.3
Population covered by mobile telephony (%)	..	4	40
Internet users (per 100 people)	0.0	0.3	4.2
Personal computers (per 100 people)	..	1.3	1.4
Households with a television set (%)	80	79	16
Quality			
Telephone faults (per 100 mainlines)	124.9	144.0	..
Broadband subscribers (per 100 people)	..	0.00	0.18
International Internet bandwidth (bits per person)	0	0	22
Affordability			
Price basket for residential fixed line (\$ a month)	1.3	0.8	6.1
Price basket for mobile telephone service (\$ a month)	..	23.3	10.0
Price basket for Internet service (\$ a month)	..	12.3	12.0
Price of call to United States (\$ for 3 minutes)	8.10	7.84	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	2.9	4.0
Telephone subscribers per employee	45	114	141
Telecommunications investment (% of revenue)	1.0	71.4	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.32	0.24
Secure Internet servers (per million people)	..	..	0.6

Tanzania

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	34	39	2,420
Urban population (% of total)	22	25	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	270	350	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.9	6.5	6.5
Adult literacy rate (% ages 15 and older)	69	..	61
Gross primary, secondary, and tertiary enrollment (%)	32	50	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>P</i>	<i>M</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	5.1	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.5	0.4	2.5
International voice traffic (minutes per person)	1	..	..
Mobile telephone subscribers (per 100 people)	0.3	14.6	14.3
Population covered by mobile telephony (%)	25	25	40
Internet users (per 100 people)	0.1	1.0	4.2
Personal computers (per 100 people)	0.3	0.9	1.4
Households with a television set (%)	9	14	16
Quality			
Telephone faults (per 100 mainlines)	21.0	26.0	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	0	22
Affordability			
Price basket for residential fixed line (\$ a month)	9.3	14.0	6.1
Price basket for mobile telephone service (\$ a month)	..	10.0	10.0
Price basket for Internet service (\$ a month)	..	36.0	12.0
Price of call to United States (\$ for 3 minutes)	10.70	3.17	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.9	..	4.0
Telephone subscribers per employee	78	..	141
Telecommunications investment (% of revenue)	12.6	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.29	0.24
Secure Internet servers (per million people)	..	0.1	0.6

Thailand

East Asia & Pacific	Lower middle income		
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	61	63	2,276
Urban population (% of total)	31	33	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	2,010	3,050	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	–0.7	5.4	7.6
Adult literacy rate (% ages 15 and older)	93	..	89
Gross primary, secondary, and tertiary enrollment (%)	66	71	71
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>C</i>	<i>P</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	5.4	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	9.2	11.1	21.6
International voice traffic (minutes per person)	10	14	21
Mobile telephone subscribers (per 100 people)	5.0	64.3	38.1
Population covered by mobile telephony (%)	..	31	..
Internet users (per 100 people)	3.8	13.3	11.4
Personal computers (per 100 people)	2.8	7.0	4.3
Households with a television set (%)	91	92	80
Quality			
Telephone faults (per 100 mainlines)	19.6	2.7	22.0
Broadband subscribers (per 100 people)	0.00	0.17	3.23
International Internet bandwidth (bits per person)	4	156	189
Affordability			
Price basket for residential fixed line (\$ a month)	8.4	8.3	8.2
Price basket for mobile telephone service (\$ a month)	..	4.3	9.8
Price basket for Internet service (\$ a month)	..	5.8	10.0
Price of call to United States (\$ for 3 minutes)	2.19	0.67	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.6	3.2	2.1
Telephone subscribers per employee	353	1,850	599
Telecommunications investment (% of revenue)	27.0	10.0	27.1
Applications			
Sector expenditure (% of GDP)	3.5	4.0	5.0
E-government readiness index (0–1, 1=most ready)	..	0.50	0.45
Secure Internet servers (per million people)	1.9	7.4	1.6

Timor-Leste

East Asia & Pacific

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.78	1	2,420
Urban population (% of total)	25	27	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	420	840	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	..	–0.7	6.5
Adult literacy rate (% ages 15 and older)	61
Gross primary, secondary, and tertiary enrollment (%)	73	72	57
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	
Level of competition (competition, partial comp., monopoly)			
International long distance service	
Mobile telephone service	
Internet service	
Government prioritization of sector (1–7, 7=highest)
Sector performance			
Access			
Telephone mainlines (per 100 people)	2.5
International voice traffic (minutes per person)
Mobile telephone subscribers (per 100 people)	14.3
Population covered by mobile telephony (%)	40
Internet users (per 100 people)	4.2
Personal computers (per 100 people)	1.4
Households with a television set (%)	16
Quality			
Telephone faults (per 100 mainlines)
Broadband subscribers (per 100 people)	0.18
International Internet bandwidth (bits per person)	22
Affordability			
Price basket for residential fixed line (\$ a month)	6.1
Price basket for mobile telephone service (\$ a month)	10.0
Price basket for Internet service (\$ a month)	..	5.0	12.0
Price of call to United States (\$ for 3 minutes)	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.0
Telephone subscribers per employee	141
Telecommunications investment (% of revenue)
Applications			
Sector expenditure (% of GDP)	6.1
E-government readiness index (0–1, 1=most ready)	..	0.25	0.24
Secure Internet servers (per million people)	..	1.0	0.6

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	5	6	2,420
Urban population (% of total)	37	41	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	270	350	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.2	2.6	6.5
Adult literacy rate (% ages 15 and older)	53	..	61
Gross primary, secondary, and tertiary enrollment (%)	53	55	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	P	P	
Mobile telephone service	P	P	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.8	1.3	2.5
International voice traffic (minutes per person)	8	21	..
Mobile telephone subscribers (per 100 people)	0.9	11.0	14.3
Population covered by mobile telephony (%)	80	85	40
Internet users (per 100 people)	1.9	5.0	4.2
Personal computers (per 100 people)	1.9	3.0	1.4
Households with a television set (%)	12	16	16
Quality			
Telephone faults (per 100 mainlines)	6.0	..	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	16	22
Affordability			
Price basket for residential fixed line (\$ a month)	10.2	15.4	6.1
Price basket for mobile telephone service (\$ a month)	..	12.1	10.0
Price basket for Internet service (\$ a month)	..	10.7	12.0
Price of call to United States (\$ for 3 minutes)	7.90	3.98	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.9	6.3	4.0
Telephone subscribers per employee	86	432	141
Telecommunications investment (% of revenue)	45.3	34.7	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.22	0.24
Secure Internet servers (per million people)	..	0.6	0.6

East Asia & Pacific	Lower middle income		
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.10	0.10	2,276
Urban population (% of total)	23	24	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,600	2,250	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	1.4	2.4	7.6
Adult literacy rate (% ages 15 and older)	..	..	89
Gross primary, secondary, and tertiary enrollment (%)	78	80	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>P</i>	<i>P</i>	
Mobile telephone service	..	..
Internet service	<i>P</i>	<i>P</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	9.9	13.8	21.6
International voice traffic (minutes per person)	..	..	21
Mobile telephone subscribers (per 100 people)	0.2	30.1	38.1
Population covered by mobile telephony (%)	85	95	..
Internet users (per 100 people)	2.4	3.1	11.4
Personal computers (per 100 people)	1.3	6.0	4.3
Households with a television set (%)	23	26	80
Quality			
Telephone faults (per 100 mainlines)	..	..	22.0
Broadband subscribers (per 100 people)	0.01	0.65	3.23
International Internet bandwidth (bits per person)	5	20	189
Affordability			
Price basket for residential fixed line (\$ a month)	6.0	9.8	8.2
Price basket for mobile telephone service (\$ a month)	..	3.7	9.8
Price basket for Internet service (\$ a month)	..	168.7	10.0
Price of call to United States (\$ for 3 minutes)	4.09	..	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.8	..	2.1
Telephone subscribers per employee	35	..	599
Telecommunications investment (% of revenue)	..	..	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.40	0.45
Secure Internet servers (per million people)	30.5	9.9	1.6

Trinidad and Tobago

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	1	1	1,031
Urban population (% of total)	11	13	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	5,170	12,500	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.0	9.5	2.3
Adult literacy rate (% ages 15 and older)	..	98	99
Gross primary, secondary, and tertiary enrollment (%)	68	65	92
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>P</i>	
Mobile telephone service	<i>C</i>	<i>M</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.3	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	24.4	24.5	52.7
International voice traffic (minutes per person)	182	376	204
Mobile telephone subscribers (per 100 people)	12.4	124.6	90.1
Population covered by mobile telephony (%)	..	..	99
Internet users (per 100 people)	7.7	12.3	59.3
Personal computers (per 100 people)	6.2	9.7	56.7
Households with a television set (%)	86	88	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	0.01	1.55	19.20
International Internet bandwidth (bits per person)	46	370	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	7.0	7.0	26.6
Price basket for mobile telephone service (\$ a month)	..	6.7	17.0
Price basket for Internet service (\$ a month)	..	12.6	13.7
Price of call to United States (\$ for 3 minutes)	2.47	2.19	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.0	2.4	4.4
Telephone subscribers per employee	157	..	641
Telecommunications investment (% of revenue)	39.2	..	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	0.53	0.74
Secure Internet servers (per million people)	9.2	41.3	569.4

Middle East & North Africa

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	10	10	2,276
Urban population (% of total)	63	66	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	2,090	2,970	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.5	4.6	7.6
Adult literacy rate (% ages 15 and older)	..	74	89
Gross primary, secondary, and tertiary enrollment (%)	74	76	71
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	M	C	
Internet service	C	P	
Government prioritization of sector (1–7, 7=highest)	..	5.7	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	10.0	12.5	21.6
International voice traffic (minutes per person)	45	73	21
Mobile telephone subscribers (per 100 people)	1.2	72.5	38.1
Population covered by mobile telephony (%)	60	100	..
Internet users (per 100 people)	2.7	12.8	11.4
Personal computers (per 100 people)	2.2	6.3	4.3
Households with a television set (%)	87	92	80
Quality			
Telephone faults (per 100 mainlines)	34.0	20.0	22.0
Broadband subscribers (per 100 people)	..	0.18	3.23
International Internet bandwidth (bits per person)	5	126	189
Affordability			
Price basket for residential fixed line (\$ a month)	4.2	2.9	8.2
Price basket for mobile telephone service (\$ a month)	..	5.3	9.8
Price basket for Internet service (\$ a month)	..	3.1	10.0
Price of call to United States (\$ for 3 minutes)	2.25	..	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.1	4.4	2.1
Telephone subscribers per employee	153	915	599
Telecommunications investment (% of revenue)	39.8	23.2	27.1
Applications			
Sector expenditure (% of GDP)	4.8	6.0	5.0
E-government readiness index (0–1, 1=most ready)	..	0.35	0.45
Secure Internet servers (per million people)	0.4	1.0	1.6

Turkey

Europe & Central Asia	Upper middle income		
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	67	73	811
Urban population (% of total)	65	68	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	2,990	5,400	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.4	5.6	3.9
Adult literacy rate (% ages 15 and older)	..	87	93
Gross primary, secondary, and tertiary enrollment (%)	68	69	82
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	C	
Mobile telephone service	C	P	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	4.4	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	27.3	25.8	21.6
International voice traffic (minutes per person)	29	27	..
Mobile telephone subscribers (per 100 people)	23.9	72.2	66.0
Population covered by mobile telephony (%)	50	96	95
Internet users (per 100 people)	3.7	16.8	22.2
Personal computers (per 100 people)	3.7	5.7	13.3
Households with a television set (%)	96	92	93
Quality			
Telephone faults (per 100 mainlines)	55.4	5.6	7.5
Broadband subscribers (per 100 people)	0.02	3.80	3.57
International Internet bandwidth (bits per person)	9	631	242
Affordability			
Price basket for residential fixed line (\$ a month)	10.4	14.7	11.4
Price basket for mobile telephone service (\$ a month)	..	12.7	10.9
Price basket for Internet service (\$ a month)	..	6.7	11.7
Price of call to United States (\$ for 3 minutes)	3.30	2.40	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.7	2.9	3.6
Telephone subscribers per employee	477	1,032	594
Telecommunications investment (% of revenue)	11.7	11.3	..
Applications			
Sector expenditure (% of GDP)	7.9	8.2	5.2
E-government readiness index (0–1, 1=most ready)	..	0.48	0.54
Secure Internet servers (per million people)	3.2	38.1	21.1

Turkmenistan

Europe & Central Asia

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	5	5	2,276
Urban population (% of total)	45	47	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	650	..	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.0	..	7.6
Adult literacy rate (% ages 15 and older)	..	..	89
Gross primary, secondary, and tertiary enrollment (%)	..	..	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	8.1	8.2	21.6
International voice traffic (minutes per person)	6	..	21
Mobile telephone subscribers (per 100 people)	0.2	2.2	38.1
Population covered by mobile telephony (%)	12	14	..
Internet users (per 100 people)	0.1	1.3	11.4
Personal computers (per 100 people)	1.5	7.2	4.3
Households with a television set (%)	93	..	80
Quality			
Telephone faults (per 100 mainlines)	93.9	..	22.0
Broadband subscribers (per 100 people)	..	..	3.23
International Internet bandwidth (bits per person)	0	16	189
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	8.2
Price basket for mobile telephone service (\$ a month)	..	17.2	9.8
Price basket for Internet service (\$ a month)	..	23.1	10.0
Price of call to United States (\$ for 3 minutes)	..	..	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	0.9	0.7	2.1
Telephone subscribers per employee	50	72	599
Telecommunications investment (% of revenue)	9.0	..	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.33	0.45
Secure Internet servers (per million people)	..	..	0.6

Uganda

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	25	30	2,420
Urban population (% of total)	12	13	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	260	300	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	6.4	5.6	6.5
Adult literacy rate (% ages 15 and older)	67	..	61
Gross primary, secondary, and tertiary enrollment (%)	66	63	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>C</i>	<i>P</i>	
Mobile telephone service	<i>C</i>	<i>P</i>	
Internet service	<i>C</i>	..	
Government prioritization of sector (1–7, 7=highest)	..	4.6	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.2	0.4	2.5
International voice traffic (minutes per person)	1	3	..
Mobile telephone subscribers (per 100 people)	0.5	6.7	14.3
Population covered by mobile telephony (%)	16	80	40
Internet users (per 100 people)	0.2	2.5	4.2
Personal computers (per 100 people)	0.2	1.7	1.4
Households with a television set (%)	4	10	16
Quality			
Telephone faults (per 100 mainlines)	..	..	..
Broadband subscribers (per 100 people)	..	0.00	0.18
International Internet bandwidth (bits per person)	0	4	22
Affordability			
Price basket for residential fixed line (\$ a month)	14.4	13.8	6.1
Price basket for mobile telephone service (\$ a month)	..	9.4	10.0
Price basket for Internet service (\$ a month)	..	99.6	12.0
Price of call to United States (\$ for 3 minutes)	3.63	3.21	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.6	3.4	4.0
Telephone subscribers per employee	79	255	141
Telecommunications investment (% of revenue)	26.2	23.4	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.31	0.24
Secure Internet servers (per million people)	..	0.1	0.6

Ukraine

Europe & Central Asia		Lower middle income	
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	49	47	2,276
Urban population (% of total)	67	68	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	700	1,940	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	-1.9	7.8	7.6
Adult literacy rate (% ages 15 and older)	99	..	89
Gross primary, secondary, and tertiary enrollment (%)	84	86	71
Sector structure			
Separate telecommunications regulator	..	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	..	C	
Government prioritization of sector (1–7, 7=highest)	..	3.9	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	21.2	26.4	21.6
International voice traffic (minutes per person)	13	57	21
Mobile telephone subscribers (per 100 people)	1.7	104.9	38.1
Population covered by mobile telephony (%)	75	96	..
Internet users (per 100 people)	0.7	11.9	11.4
Personal computers (per 100 people)	1.8	4.5	4.3
Households with a television set (%)	97	97	80
Quality			
Telephone faults (per 100 mainlines)	34.5	41.3	22.0
Broadband subscribers (per 100 people)	..	..	3.23
International Internet bandwidth (bits per person)	1	17	189
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	8.2
Price basket for mobile telephone service (\$ a month)	..	9.4	9.8
Price basket for Internet service (\$ a month)	..	2.1	10.0
Price of call to United States (\$ for 3 minutes)	..	1.65	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.7	5.8	2.1
Telephone subscribers per employee	88	210	599
Telecommunications investment (% of revenue)	23.1	31.4	27.1
Applications			
Sector expenditure (% of GDP)	7.9	7.8	5.0
E-government readiness index (0–1, 1=most ready)	..	0.57	0.45
Secure Internet servers (per million people)	0.9	2.8	1.6

United Arab Emirates

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	3	4	1,031
Urban population (% of total)	77	77	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	19,270	26,210	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.1	8.2	2.3
Adult literacy rate (% ages 15 and older)	..	89	99
Gross primary, secondary, and tertiary enrollment (%)	66	60	92
Sector structure			
Separate telecommunications regulator	..	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	P	
Mobile telephone service	<i>M</i>	P	
Internet service	<i>M</i>	P	
Government prioritization of sector (1–7, 7=highest)	..	5.9	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	31.4	30.8	52.7
International voice traffic (minutes per person)	..	..	204
Mobile telephone subscribers (per 100 people)	44.0	129.9	90.1
Population covered by mobile telephony (%)	100	100	99
Internet users (per 100 people)	23.6	40.2	59.3
Personal computers (per 100 people)	12.3	25.6	56.7
Households with a television set (%)	86	86	98
Quality			
Telephone faults (per 100 mainlines)	0.2	0.3	5.8
Broadband subscribers (per 100 people)	0.04	5.66	19.20
International Internet bandwidth (bits per person)	5	2,371	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	5.0	17.4	26.6
Price basket for mobile telephone service (\$ a month)	..	4.1	17.0
Price basket for Internet service (\$ a month)	..	5.4	13.7
Price of call to United States (\$ for 3 minutes)	3.51	1.73	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.7	2.7	4.4
Telephone subscribers per employee	294	587	641
Telecommunications investment (% of revenue)	28.9	9.8	16.1
Applications			
Sector expenditure (% of GDP)	3.4	3.6	7.2
E-government readiness index (0–1, 1=most ready)	..	0.63	0.74
Secure Internet servers (per million people)	9.1	95.5	569.4

United Kingdom

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	60	61	1,031
Urban population (% of total)	89	90	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	24,970	40,560	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	3.2	2.5	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	90	93	92
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.6	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	59.0	55.5	52.7
International voice traffic (minutes per person)	259	..	204
Mobile telephone subscribers (per 100 people)	72.7	115.0	90.1
Population covered by mobile telephony (%)	99	99	99
Internet users (per 100 people)	26.4	55.4	59.3
Personal computers (per 100 people)	33.8	75.8	56.7
Households with a television set (%)	97	98	98
Quality			
Telephone faults (per 100 mainlines)	4.5	..	5.8
Broadband subscribers (per 100 people)	0.09	21.46	19.20
International Internet bandwidth (bits per person)	1,448	13,062	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	25.3	28.2	26.6
Price basket for mobile telephone service (\$ a month)	..	13.7	17.0
Price basket for Internet service (\$ a month)	..	27.6	13.7
Price of call to United States (\$ for 3 minutes)	1.07	0.77	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.8	3.7	4.4
Telephone subscribers per employee	380	..	641
Telecommunications investment (% of revenue)	30.4	..	16.1
Applications			
Sector expenditure (% of GDP)	8.1	6.9	7.2
E-government readiness index (0–1, 1=most ready)	..	0.79	0.74
Secure Internet servers (per million people)	108.7	757.6	569.4

United States

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	282	299	1,031
Urban population (% of total)	79	81	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	34,400	44,710	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.2	2.6	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	92	93	92
Sector structure			
Separate telecommunications regulator	Yes	No	
Status of main fixed-line telephone operator	Private	Private	
Level of competition (competition, partial comp., monopoly)			
International long distance service	C	C	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	5.2	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	68.2	57.5	52.7
International voice traffic (minutes per person)	152	279	204
Mobile telephone subscribers (per 100 people)	38.8	77.8	90.1
Population covered by mobile telephony (%)	99	99	99
Internet users (per 100 people)	43.9	69.5	59.3
Personal computers (per 100 people)	57.0	76.2	56.7
Households with a television set (%)	97	99	98
Quality			
Telephone faults (per 100 mainlines)	14.2	13.8	5.8
Broadband subscribers (per 100 people)	2.51	19.42	19.20
International Internet bandwidth (bits per person)	394	3,307	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	21.5	25.0	26.6
Price basket for mobile telephone service (\$ a month)	..	5.2	17.0
Price basket for Internet service (\$ a month)	..	15.0	13.7
Price of call to United States (\$ for 3 minutes)	..	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.0	3.0	4.4
Telephone subscribers per employee	239	389	641
Telecommunications investment (% of revenue)	25.3	6.7	16.1
Applications			
Sector expenditure (% of GDP)	9.5	8.7	7.2
E-government readiness index (0–1, 1=most ready)	..	0.86	0.74
Secure Internet servers (per million people)	273.9	1,058.8	569.4

Latin America & Caribbean

Upper middle income

	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	3	3	811
Urban population (% of total)	91	92	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	6,220	5,310	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.2	2.3	3.9
Adult literacy rate (% ages 15 and older)	..	..	93
Gross primary, secondary, and tertiary enrollment (%)	84	89	82
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	P	
Mobile telephone service	C	C	
Internet service	P	C	
Government prioritization of sector (1–7, 7=highest)	..	4.2	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	28.1	29.8	21.6
International voice traffic (minutes per person)	61	121	..
Mobile telephone subscribers (per 100 people)	12.4	70.3	66.0
Population covered by mobile telephony (%)	100	100	95
Internet users (per 100 people)	10.6	22.8	22.2
Personal computers (per 100 people)	10.6	13.6	13.3
Households with a television set (%)	99	92	93
Quality			
Telephone faults (per 100 mainlines)	5.6	..	7.5
Broadband subscribers (per 100 people)	..	3.23	3.57
International Internet bandwidth (bits per person)	18	484	242
Affordability			
Price basket for residential fixed line (\$ a month)	15.6	10.7	11.4
Price basket for mobile telephone service (\$ a month)	..	16.1	10.9
Price basket for Internet service (\$ a month)	..	23.9	11.7
Price of call to United States (\$ for 3 minutes)	4.88	0.52	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.9	..	3.6
Telephone subscribers per employee	243	..	594
Telecommunications investment (% of revenue)	13.5	..	..
Applications			
Sector expenditure (% of GDP)	6.0	7.8	5.2
E-government readiness index (0–1, 1=most ready)	..	0.56	0.54
Secure Internet servers (per million people)	11.2	37.7	21.1

Uzbekistan

Europe & Central Asia

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	25	27	2,420
Urban population (% of total)	37	37	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	630	610	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	4.1	5.7	6.5
Adult literacy rate (% ages 15 and older)	..	..	61
Gross primary, secondary, and tertiary enrollment (%)	75	74	57
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>P</i>	<i>P</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	6.7	6.9	2.5
International voice traffic (minutes per person)	6	12	..
Mobile telephone subscribers (per 100 people)	0.2	2.8	14.3
Population covered by mobile telephony (%)	75	..	40
Internet users (per 100 people)	0.5	6.4	4.2
Personal computers (per 100 people)	..	3.1	1.4
Households with a television set (%)	90	..	16
Quality			
Telephone faults (per 100 mainlines)	92.6	92.2	..
Broadband subscribers (per 100 people)	..	0.03	0.18
International Internet bandwidth (bits per person)	0	9	22
Affordability			
Price basket for residential fixed line (\$ a month)	2.6	0.9	6.1
Price basket for mobile telephone service (\$ a month)	..	1.8	10.0
Price basket for Internet service (\$ a month)	..	5.7	12.0
Price of call to United States (\$ for 3 minutes)	13.95	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.6	2.5	4.0
Telephone subscribers per employee	66	117	141
Telecommunications investment (% of revenue)	25.3	27.9	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.41	0.24
Secure Internet servers (per million people)	..	0.1	0.6

Vanuatu

East Asia & Pacific

Lower middle income

	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.19	0.22	2,276
Urban population (% of total)	22	24	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,250	1,690	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	1.4	2.0	7.6
Adult literacy rate (% ages 15 and older)	74	..	89
Gross primary, secondary, and tertiary enrollment (%)	60	63	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Mixed</i>	Mixed	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	3.5	3.2	21.6
International voice traffic (minutes per person)	..	..	21
Mobile telephone subscribers (per 100 people)	0.2	5.9	38.1
Population covered by mobile telephony (%)	20	20	..
Internet users (per 100 people)	2.1	3.5	11.4
Personal computers (per 100 people)	1.3	1.4	4.3
Households with a television set (%)	6	6	80
Quality			
Telephone faults (per 100 mainlines)	..	..	22.0
Broadband subscribers (per 100 people)	..	0.03	3.23
International Internet bandwidth (bits per person)	3	23	189
Affordability			
Price basket for residential fixed line (\$ a month)	21.2	31.6	8.2
Price basket for mobile telephone service (\$ a month)	..	18.2	9.8
Price basket for Internet service (\$ a month)	..	56.7	10.0
Price of call to United States (\$ for 3 minutes)	7.45	..	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	4.8	3.7	2.1
Telephone subscribers per employee	39	131	599
Telecommunications investment (% of revenue)	..	20.0	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.25	0.45
Secure Internet servers (per million people)	10.3	154.9	1.6

Venezuela, RB

Latin America & Caribbean	Upper middle income		
	Country data		Upper middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	24	27	811
Urban population (% of total)	91	94	75
GNI per capita, <i>World Bank Atlas</i> method (\$)	4,100	6,070	5,913
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	0.6	3.4	3.9
Adult literacy rate (% ages 15 and older)	93	..	93
Gross primary, secondary, and tertiary enrollment (%)	67	76	82
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	<i>Mixed</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	<i>C</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	4.2	4.4
Sector performance			
Access			
Telephone mainlines (per 100 people)	10.4	15.6	21.6
International voice traffic (minutes per person)	23	..	..
Mobile telephone subscribers (per 100 people)	22.4	69.5	66.0
Population covered by mobile telephony (%)	..	..	95
Internet users (per 100 people)	3.4	15.3	22.2
Personal computers (per 100 people)	4.5	9.3	13.3
Households with a television set (%)	86	90	93
Quality			
Telephone faults (per 100 mainlines)	2.0	..	7.5
Broadband subscribers (per 100 people)	0.02	1.99	3.57
International Internet bandwidth (bits per person)	6	50	242
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	11.4
Price basket for mobile telephone service (\$ a month)	..	1.2	10.9
Price basket for Internet service (\$ a month)	..	12.5	11.7
Price of call to United States (\$ for 3 minutes)	0.78	0.84	1.06
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.3	3.6	3.6
Telephone subscribers per employee	386	677	594
Telecommunications investment (% of revenue)	26.3	15.5	..
Applications			
Sector expenditure (% of GDP)	3.7	3.7	5.2
E-government readiness index (0–1, 1=most ready)	..	0.51	0.54
Secure Internet servers (per million people)	3.7	6.2	21.1

Vietnam

East Asia & Pacific

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	78	84	2,420
Urban population (% of total)	24	27	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	390	700	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	6.7	7.6	6.5
Adult literacy rate (% ages 15 and older)	90	..	61
Gross primary, secondary, and tertiary enrollment (%)	64	64	57
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	<i>Public</i>	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>C</i>	
Mobile telephone service	<i>M</i>	<i>C</i>	
Internet service	<i>P</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	5.0	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	3.3	19.1	2.5
International voice traffic (minutes per person)	7	..	..
Mobile telephone subscribers (per 100 people)	1.0	18.4	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.3	17.5	4.2
Personal computers (per 100 people)	0.8	1.4	1.4
Households with a television set (%)	78	83	16
Quality			
Telephone faults (per 100 mainlines)	..	..	..
Broadband subscribers (per 100 people)	0.00	0.61	0.18
International Internet bandwidth (bits per person)	0	84	22
Affordability			
Price basket for residential fixed line (\$ a month)	5.4	2.7	6.1
Price basket for mobile telephone service (\$ a month)	..	6.3	10.0
Price basket for Internet service (\$ a month)	..	1.8	12.0
Price of call to United States (\$ for 3 minutes)	9.29	1.95	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	3.5	4.7	4.0
Telephone subscribers per employee	43	79	141
Telecommunications investment (% of revenue)	50.1	..	..
Applications			
Sector expenditure (% of GDP)	12.5	15.1	6.1
E-government readiness index (0–1, 1=most ready)	..	0.46	0.24
Secure Internet servers (per million people)	0.1	0.6	0.6

Virgin Islands (U.S.)

High income

	Country data		High-income group
	2000	2006	2006
Economic and social context			
Population (millions)	0.11	0.11	1,031
Urban population (% of total)	93	94	78
GNI per capita, <i>World Bank Atlas</i> method (\$)	..	..	36,608
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	..	..	2.3
Adult literacy rate (% ages 15 and older)	..	..	99
Gross primary, secondary, and tertiary enrollment (%)	..	..	92
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	..	..
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	5.1
Sector performance			
Access			
Telephone mainlines (per 100 people)	62.9	66.0	52.7
International voice traffic (minutes per person)	..	..	204
Mobile telephone subscribers (per 100 people)	32.2	73.9	90.1
Population covered by mobile telephony (%)	..	..	99
Internet users (per 100 people)	13.8	27.6	59.3
Personal computers (per 100 people)	2.4	2.8	56.7
Households with a television set (%)	50	50	98
Quality			
Telephone faults (per 100 mainlines)	..	..	5.8
Broadband subscribers (per 100 people)	..	2.73	19.20
International Internet bandwidth (bits per person)	414	414	4,346
Affordability			
Price basket for residential fixed line (\$ a month)	..	..	26.6
Price basket for mobile telephone service (\$ a month)	..	..	17.0
Price basket for Internet service (\$ a month)	..	..	13.7
Price of call to United States (\$ for 3 minutes)	..	..	0.77
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	..	..	4.4
Telephone subscribers per employee	..	..	641
Telecommunications investment (% of revenue)	..	..	16.1
Applications			
Sector expenditure (% of GDP)	..	..	7.2
E-government readiness index (0–1, 1=most ready)	..	..	0.74
Secure Internet servers (per million people)	36.8	276.6	569.4

West Bank and Gaza

Middle East & North Africa	Lower middle income		
	Country data		Lower middle-income group
	2000	2006	2006
Economic and social context			
Population (millions)	3	4	2,276
Urban population (% of total)	72	72	47
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,580	1,230	2,038
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	7.4	0.2	7.6
Adult literacy rate (% ages 15 and older)	..	92	89
Gross primary, secondary, and tertiary enrollment (%)	77	82	71
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	..	..
Mobile telephone service	..	..
Internet service	..	..
Government prioritization of sector (1–7, 7=highest)	..	..	4.3
Sector performance			
Access			
Telephone mainlines (per 100 people)	9.2	9.0	21.6
International voice traffic (minutes per person)	28	66	21
Mobile telephone subscribers (per 100 people)	5.9	21.8	38.1
Population covered by mobile telephony (%)	95	95	..
Internet users (per 100 people)	1.2	7.0	11.4
Personal computers (per 100 people)	3.5	5.4	4.3
Households with a television set (%)	85	93	80
Quality			
Telephone faults (per 100 mainlines)	97.0	23.0	22.0
Broadband subscribers (per 100 people)	..	0.68	3.23
International Internet bandwidth (bits per person)	6	199	189
Affordability			
Price basket for residential fixed line (\$ a month)	10.3	1.0	8.2
Price basket for mobile telephone service (\$ a month)	..	9.6	9.8
Price basket for Internet service (\$ a month)	..	15.6	10.0
Price of call to United States (\$ for 3 minutes)	1.11	1.17	2.08
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	0.4	0.8	2.1
Telephone subscribers per employee	263	903	599
Telecommunications investment (% of revenue)	46.2	18.4	27.1
Applications			
Sector expenditure (% of GDP)	..	..	5.0
E-government readiness index (0–1, 1=most ready)	..	0.00	0.45
Secure Internet servers (per million people)	..	0.8	1.6

Yemen, Rep.

Middle East & North Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	18	22	2,420
Urban population (% of total)	25	28	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	400	760	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	5.6	3.9	6.5
Adult literacy rate (% ages 15 and older)	..	54	61
Gross primary, secondary, and tertiary enrollment (%)	50	55	57
Sector structure			
Separate telecommunications regulator	..	No	
Status of main fixed-line telephone operator	..	..
Level of competition (competition, partial comp., monopoly)			
International long distance service	<i>M</i>	<i>M</i>	
Mobile telephone service	<i>C</i>	<i>C</i>	
Internet service	<i>M</i>	<i>C</i>	
Government prioritization of sector (1–7, 7=highest)	..	..	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	1.9	4.6	2.5
International voice traffic (minutes per person)	8	..	..
Mobile telephone subscribers (per 100 people)	0.2	9.5	14.3
Population covered by mobile telephony (%)	..	68	40
Internet users (per 100 people)	0.1	1.2	4.2
Personal computers (per 100 people)	0.2	1.9	1.4
Households with a television set (%)	43	43	16
Quality			
Telephone faults (per 100 mainlines)	..	..	..
Broadband subscribers (per 100 people)	..	..	0.18
International Internet bandwidth (bits per person)	0	0	22
Affordability			
Price basket for residential fixed line (\$ a month)	3.7	2.8	6.1
Price basket for mobile telephone service (\$ a month)	..	4.2	10.0
Price basket for Internet service (\$ a month)	..	6.0	12.0
Price of call to United States (\$ for 3 minutes)	4.45	2.39	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	1.0	1.2	4.0
Telephone subscribers per employee	72	..	141
Telecommunications investment (% of revenue)	51.1	..	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.21	0.24
Secure Internet servers (per million people)	..	0.1	0.6

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	10	12	2,420
Urban population (% of total)	35	35	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	300	630	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	2.2	5.0	6.5
Adult literacy rate (% ages 15 and older)	68	..	61
Gross primary, secondary, and tertiary enrollment (%)	43	60	57
Sector structure			
Separate telecommunications regulator	Yes	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	M	
Mobile telephone service	C	P	
Internet service	C	P	
Government prioritization of sector (1–7, 7=highest)	..	4.5	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	0.8	0.8	2.5
International voice traffic (minutes per person)	4	7	..
Mobile telephone subscribers (per 100 people)	0.9	14.2	14.3
Population covered by mobile telephony (%)	51	65	40
Internet users (per 100 people)	0.2	4.3	4.2
Personal computers (per 100 people)	0.7	1.1	1.4
Households with a television set (%)	23	..	16
Quality			
Telephone faults (per 100 mainlines)	90.9	108.0	..
Broadband subscribers (per 100 people)	0.00	0.02	0.18
International Internet bandwidth (bits per person)	0	11	22
Affordability			
Price basket for residential fixed line (\$ a month)	4.6	7.7	6.1
Price basket for mobile telephone service (\$ a month)	..	14.2	10.0
Price basket for Internet service (\$ a month)	..	33.3	12.0
Price of call to United States (\$ for 3 minutes)	2.57	1.41	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.0	2.5	4.0
Telephone subscribers per employee	59	175	141
Telecommunications investment (% of revenue)	12.3	29.3	..
Applications			
Sector expenditure (% of GDP)	..	..	6.1
E-government readiness index (0–1, 1=most ready)	..	0.23	0.24
Secure Internet servers (per million people)	..	0.1	0.6

Zimbabwe

Sub-Saharan Africa

Low income

	Country data		Low-income group
	2000	2006	2006
Economic and social context			
Population (millions)	13	13	2,420
Urban population (% of total)	34	36	30
GNI per capita, <i>World Bank Atlas</i> method (\$)	450	340	649
GDP growth, 1995–2000 and 2000–06 (avg. annual %)	0.7	–5.7	6.5
Adult literacy rate (% ages 15 and older)	..	89	61
Gross primary, secondary, and tertiary enrollment (%)	57	52	57
Sector structure			
Separate telecommunications regulator	No	Yes	
Status of main fixed-line telephone operator	Public	Public	
Level of competition (competition, partial comp., monopoly)			
International long distance service	M	P	
Mobile telephone service	C	C	
Internet service	C	C	
Government prioritization of sector (1–7, 7=highest)	..	3.7	..
Sector performance			
Access			
Telephone mainlines (per 100 people)	2.0	2.5	2.5
International voice traffic (minutes per person)	11	25	..
Mobile telephone subscribers (per 100 people)	2.1	6.3	14.3
Population covered by mobile telephony (%)	..	..	40
Internet users (per 100 people)	0.4	9.2	4.2
Personal computers (per 100 people)	1.5	6.5	1.4
Households with a television set (%)	25	34	16
Quality			
Telephone faults (per 100 mainlines)	153.0	57.0	..
Broadband subscribers (per 100 people)	0.01	0.08	0.18
International Internet bandwidth (bits per person)	1	4	22
Affordability			
Price basket for residential fixed line (\$ a month)	6.3	4.3	6.1
Price basket for mobile telephone service (\$ a month)	..	3.4	10.0
Price basket for Internet service (\$ a month)	..	1.3	12.0
Price of call to United States (\$ for 3 minutes)	4.36	..	1.99
Institutional efficiency and sustainability			
Telecommunications revenue (% of GDP)	2.2	4.3	4.0
Telephone subscribers per employee	112	375	141
Telecommunications investment (% of revenue)	90.9	8.1	..
Applications			
Sector expenditure (% of GDP)	4.1	12.7	6.1
E-government readiness index (0–1, 1=most ready)	..	0.30	0.24
Secure Internet servers (per million people)	0.1	0.3	0.6

Glossary

Adult literacy rate is the percentage of people ages 15 and older who can, with understanding, read and write a short, simple statement about their everyday life. (United Nations Educational, Scientific, and Cultural Organization Institute for Statistics)

Broadband subscribers are people with a digital subscriber line, cable modem, or other high-speed technology connection to the Internet. Reporting countries may have different definitions of broadband, so data are not strictly comparable across countries. (International Telecommunication Union)

E-government readiness index is based on a five-stage ascending model that builds on a government's previous level of sophistication of online presence. The stages are emerging, enhanced, interactive, transactional, and networked. Countries are scored on a scale of 0–1 (1 = most ready) according to the specific products and services they provide. (United Nations Department of Economic and Social Affairs and United Nations Online Network in Public Administration and Finance)

GDP growth is the annual percentage rate of growth of gross domestic product (GDP) at market prices based on constant local currency. Aggregates are based on 2000 U.S. dollars. GDP is the sum of gross value added by all resident producers in the economy plus any product taxes and minus any subsidies not included in the value of the products. It is calculated without deductions for depreciation of fabricated assets or for depletion and degradation of natural resources. (World Bank and Organisation for Economic Co-operation and Development)

GNI per capita, World Bank Atlas method, is gross national income (GNI) converted to U.S. dollars using the *World Bank Atlas* method divided by the midyear population. GNI is the sum of value added by all resident producers plus any product taxes (less subsidies) not included in the valuation of output plus net receipts of primary income (compensation of employees and property income) from abroad. GNI, calculated in national currency, is usually converted to U.S. dollars at official exchange rates for comparisons across economies. The *World Bank Atlas* method is used to smooth fluctuations in prices and exchange rates. It averages the exchange rate for a given year and the two preceding years, adjusted for differences in rates of inflation between the country and the Euro zone, Japan, the United Kingdom, and the United States. (World Bank)

Government prioritization of sector is based on replies to the following question: "Information and communication technologies (ICT) are an overall priority for the government" (1 = strongly disagree, 7 = strongly agree). (World Economic Forum)

Gross primary, secondary, and tertiary enrollment is the combined number of students enrolled in primary, secondary, and tertiary levels of education, regardless of age, as a percentage of the population of official school age for the three levels. (United Nations Development Programme)

Glossary

Households with a television set are the percentage of households with a television set. Some countries report only the number of households with a color television set, and therefore the true number may be higher than reported. (International Telecommunication Union)

International Internet bandwidth is the contracted capacity of international connections between countries for transmitting Internet traffic. (International Telecommunication Union)

International voice traffic is the sum of international incoming and outgoing telephone traffic (in minutes). (International Telecommunication Union)

Internet users are people with access to the world wide network. (International Telecommunication Union)

Level of competition, international long distance, refers to the level of competition for international long distance telephone calls (M = monopoly, P = partial competition, C = full competition). (International Telecommunication Union and World Bank)

Level of competition, Internet service, refers to the level of competition for retail Internet access service (M = monopoly, P = partial competition, C = full competition). (International Telecommunication Union and World Bank)

Level of competition, mobile telephone service, refers to the level of competition for digital cellular mobile services (M = monopoly, P = partial competition, C = full competition). (International Telecommunication Union and World Bank)

Mobile telephone subscribers are subscribers to a public mobile telephone service using cellular technology. (International Telecommunication Union)

Personal computers are self-contained computers designed to be used by a single individual. (International Telecommunication Union)

Population is based on the de facto definition of population, which counts all residents regardless of legal status or citizenship, except for refugees not permanently settled in the country of asylum, who are generally considered part of the population of their country of origin. Data are midyear estimates. (World Bank)

Population covered by mobile telephony is the percentage of people within range of a mobile cellular signal regardless of whether they are subscribers. (International Telecommunication Union)

Price basket for Internet service is calculated based on the cheapest available tariff for accessing the Internet 20 hours a month (10 hours peak and 10 hours off-peak). The basket excludes telephone line rental but includes

telephone usage charges if applicable. Data are compiled in the national currency and converted to U.S. dollars using the annual average exchange rate. (International Telecommunication Union)

Price basket for mobile telephone service is calculated based on the prepaid price for 25 calls per month spread over the same mobile network, other mobile networks, and mobile to fixed calls and during peak, off-peak, and weekend times. The basket also includes 30 text messages per month. (International Telecommunication Union)

Price basket for residential fixed line is calculated as one-fifth of the installation charge, the monthly subscription charge, and the cost of local calls (15 peak and 15 off-peak calls of three minutes each). (International Telecommunication Union and World Bank)

Price of call to the United States is the cost of a three-minute, peak-rate, fixed-line call from the country to the United States. (International Telecommunication Union)

Sector expenditure comprises computer hardware (computers, storage devices, printers, and other peripherals); computer software (operating systems, programming tools, utilities, applications, and internal software development); computer services (information technology consulting, computer and network systems integration, web hosting, data processing services, and other services); and communications services (voice and data communications services) and wired and wireless communications equipment. (World Information Technology and Services Alliance)

Secure Internet servers are the number of servers using encryption technology for Internet transactions. Data listed for 2006 are for December 2007. (Netcraft)

Separate telecommunications regulator indicates whether the country has a separate telecommunications regulator. (International Telecommunication Union)

Status of main fixed-line telephone operator indicates whether the incumbent fixed-line operator is a public or private entity. Public refers to a fully state-owned operator, private refers to a fully private operator, and mixed refers to a partially private operator. (International Telecommunication Union and World Bank)

Telecommunications revenue is revenue from the provision of telecommunications services such as fixed line, mobile, and data. (International Telecommunication Union)

Telecommunications investment is total telecommunications investment (capital expenditure) as a percentage of telecommunications revenue. (International Telecommunication Union)

Glossary

Telephone faults are the number of reported faults for the year divided by the number of telephone mainlines and multiplied by 100. (International Telecommunication Union)

Telephone mainlines are telephone lines connecting subscribers to the telephone network. (International Telecommunication Union)

Telephone subscribers per employee are telephone subscribers (fixed line plus mobile) divided by the total number of telecommunications employees. (International Telecommunication Union)

Urban population is the midyear population of areas defined as urban in each country and reported to the United Nations. (United Nations)



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MALTA MARSHALL ISLANDS MAURITANIA MAURITIUS MAYOTTE MEXICO FEDERATED STATES
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MYANMAR NAMIBIA NEPAL NETHERLANDS NETHERLANDS ANTILLES NEW CALEDONIA NEW
ZEALAND NICARAGUA NIGER NIGERIA NORTHERN MARIANA ISLANDS NORWAY OMAN
PAKISTAN PALAU PANAMA PAPUA NEW GUINEA PARAGUAY PERU PHILIPPINES POLAND
PORTUGAL PUERTO RICO QATAR ROMANIA RUSSIAN FEDERATION RWANDA SAMOA SAN
MARINO SAO TOME AND PRINCIPE SAUDI ARABIA SENEGAL SERBIA SEYCHELLES SIERRA
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