

# THE ITU'S ICT EYE



# WHAT IS THE EYE?

The ICT “eye” website is a one stop-shop for ICT information and provides telecommunication/ICT indicators and statistics, regulatory and policy profiles, national tariff policies, operator and service providers information, financial and scientific institutions, and much much more...

# HOMEPAGE

International Telecommunication Union - BDT - Microsoft Internet Explorer

File Edit View Favorites Tools Help

International Telecommunication Union

Our Sites News Events Publications Site Map About Us

Français Español  
Print Version

Search

» ITU ICT EYE + » REPORTS + » SURVEY LOGIN +

**Welcome to the ITU's ICT Eye**

The ITU, the UN specialized agency for telecommunications, has its "eye" on ICTs and is recognized around the globe as the leading provider of timely and comprehensive telecommunication/ICT statistics and trends.

The ICT "eye" website is a one stop-shop for ICT information and provides telecommunication/ICT indicators and statistics, regulatory and policy profiles, national tariff policies, operator information, financial and scientific institutions, and much much more...

Please select a country from the map or select from the following list: -- Please Select --



select a country to see its name

Macromedia Flash MX plug-in is needed to view / use the map above. Download [here](#).

Map used with permission from the [United Nations Cyberschoolbus](#), Outreach Division, DPI.

The boundaries and names shown on this map do not imply official endorsement or acceptance by the United Nations. All content linked to this map was created by the International Telecommunication Union.

**Homepage**



OPERITU Operators  
Regulatory Information  
ICT Statistics  
Tariff Policies  
Financial Institutions  
Scientific Institutions  
Economic Research Tools

Top - Feedback - Contact Us - Copyright ©ITU 2006 All Rights Reserved  
Contact for this page : Webmaster

Local intranet

# USER-FRIENDLY INTERFACE

OPERITU Operators

Regulatory Information

ICT Statistics

Tariff Policies

Financial Institutions

Scientific Institutions

Economic Research Tools

A simple architecture...

...combined with the high technology



# ONE-CLICK ACCESS

Reports  
Survey login

Geographical  
access to  
country snapshot

Available in  
English, French  
and Spanish

Topical  
access

The screenshot shows the ITU website in a Microsoft Internet Explorer browser window. The browser title is "International Telecommunication Union - BDT - Microsoft Internet Explorer". The address bar shows "http://www.itu.int/home/sitemap.html#".

The website header includes the ITU logo and navigation links: "Our Sites", "News", "Events", "Publications", "Site Map", and "About Us". There are also language options: "Français", "Español", and "Print Version". A search bar is located on the right side of the header.

The main content area features a sidebar on the left with a list of categories: "ITU ICT Eye", "ICT Statistics", "Regulators", "OPERITU", "Tariff Policies", "Financial Institutions", "Scientific Institutions", and "Economic Research Tools".

The main content area has three tabs: "ITU ICT EYE", "REPORTS", and "SURVEY LOGIN". The "ITU ICT EYE" tab is active, displaying a welcome message and a description of the ITU's role. Below the text is a map of the world with a dropdown menu to select a country. The map is highlighted in yellow.

Annotations with arrows point to various elements:

- A pink arrow points from the "Reports" and "Survey login" text to the "REPORTS" and "SURVEY LOGIN" tabs.
- A blue arrow points from the "Geographical access to country snapshot" text to the world map.
- A blue arrow points from the "Available in English, French and Spanish" text to the language options in the header.
- A blue arrow points from the "Topical access" text to the "Economic Research Tools" category in the sidebar.

The footer contains links for "Top", "Feedback", "Contact Us", and "Copyright ©ITU 2006 All Rights Reserved". It also includes a "Local intranet" icon.

# COUNTRY SNAPSHOT

International Telecommunication Union - BDT - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://bwin2/bdt\_public/DisplayCountry.aspx?code=BRA

Google

International Telecommunication Union

Our Sites News Events Publications Site Map About Us

Français Español Print Version

ITU ICT EYE

ITU ICT Eye

ICT Statistics

Regulatory Information

Operators / Service Providers

Tariff Policies

Financial Institutions

Scientific Institutions

Economic Research Tools

ITU ICT EYE

REPORTS

SURVEY LOGIN

Brazil

Colombia French Guiana North Atlantic Ocean

Manaus

Peru

Bolivia

Brasília

Salvador

Belo Horizonte

Rio de Janeiro

Sao Paulo

Chile Paraguay Uruguay Argentina South Atlantic Ocean

ICT Statistics 2005

Population	186'405'000
GDP (US) (2004)	602'941'979'522
Fixed telephone lines per 100 inhab. (2004)	23.46
Mobile cellular subscribers per 100 inhab.	46.25
Computers per 100 inhab. (2004)	10.71
Internet users per 100 inhab. (2004)	12.18
Broadband Internet subscribers per 100 inhab.	1.77
International Internet bandwidth (Mbps) (2004)	27'449
Radio sets per 100 inhab. (1997)	44.41
TV sets per 100 inhab. (2003)	36.85
% population covered by mobile signal	88.35

>> ICT Statistics database

Tariff Policies: 2001

Price of domestic telecommunication services

- Set by the State

Tariff model - type of costs

- Historical costs

Universal service policy

- Mandatory contribution to a universal service fund

Time period for absorbing access deficit

- None

Tariff rebalancing strategy - elements

- Increasing the amount of the monthly subscription fee

>> Tariff Policies database

Regulatory Information 2003

Regulatory Authority

Agência Nacional de Telecomunicações do Brasil (Anatel)

<http://www.anatel.gov.br>

Policy Maker

Ministério das Comunicações

Brasília, DF 70044-900

<http://www.mc.gov.br>

>> More Regulatory info

Operators / Service Providers

Amazonia Celular - Telaima Celular S/A

Amazonia Celular - Telamazon Celular S/A

Amazonia Celular - Tele Norte Celular S/A

Amazonia Celular - Telemapá Celular S/A

Amazonia Celular - Telepará Celular S/A

Amazonia Celular - Telma Celular S/A

Americel S.A.

ATL

BCP Telecomunicações S/A

Brasil Telecom - CRT

Brasil Telecom - CTMR

Brasil Telecom - Teleacre

Brasil Telecom - Telegoiás

>> More Operator info

Level of Competition 2003

Service	Competition
Local services	Full competition
Domestic long dist	Full competition
International long dist	Full competition
Wireless local loop	Full competition
Data	Full competition
DSL	Full competition
Cable modem	Full competition
VSAT	Full competition
Leased lines	Full competition
Fixed Wireless Broadband	n/a
Mobile	Full competition

Done

start

3 Microso...

Microsoft ...

P:\FSU\Car...

2 Interne...

2 Microso...

97%

Local intranet

13:15



What comes after

# SURVEY LOGIN (Restricted)

International Telecommunication Union - BDT - Microsoft Internet Explorer

File Edit View Favorites Tools Help

International Telecommunication Union

Our Sites News Events Publications Site Map About Us

Français Español Print Version

Search

» ITU ICT EYE + » REPORTS + » SURVEY LOGIN +

Each year the ITU/BDT undertakes a series of surveys in order to assess the latest trends and developments in the ICT sector. Survey data is entered by authorized users only, as defined by their organizations. Each user will be given a dedicated user name and password in order to complete the survey.

User name

Password

☐ Remember Me

Log in

ITU ICT Eye

ICT Statistics

Regulators

OPERITU

Tariff Policies

Financial Institutions

Scientific Institutions

Economic Research Tools

Access page for on-line Survey completion. Data is entered by authorized users only, as defined by their organizations.



# ONLINE ACCESS

The screenshot shows a Microsoft Internet Explorer browser window displaying the International Telecommunication Union (ITU) BDT website. The address bar shows the URL: [http://bwin2/bdt\\_public/Secure/MainPage.aspx](http://bwin2/bdt_public/Secure/MainPage.aspx). The website has a blue header with the ITU logo and navigation links: Our Sites, News, Events, Publications, Site Map, About Us. A search bar is located on the right. The main content area is divided into three sections: ITU ICT EYE, REPORTS, and MAIN SURVEY PAGE. The ITU ICT EYE section contains a welcome message and a list of surveys. The REPORTS section contains a list of reports. The MAIN SURVEY PAGE section contains a list of surveys. An arrow points from the text 'Direct access to survey, and management of organization information.' to the 'MAIN SURVEY PAGE' section.

International Telecommunication Union - BDT - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address [http://bwin2/bdt\\_public/Secure/MainPage.aspx](http://bwin2/bdt_public/Secure/MainPage.aspx) Go Links

Google Rechercher 3 bloqué(s) Orthographe Options

International Telecommunication Union  
Our Sites News Events Publications Site Map About Us Français Español Print Version

ITU ICT Eye  
ITU Statistics  
Regulatory Information  
Operators / Service Providers  
Tariff Policies  
Financial Institutions  
Scientific Institutions  
Economic Research Tools

» ITU ICT EYE + » REPORTS + » MAIN SURVEY PAGE +

Welcome to the Secure Pages of ITU ICT EYE

Thank you for using our application. After you logged in you will be able to fill in our surveys, which can be saved any time and modified later. After you submitted the completed survey after a verification process the public information will be published on our website. You can also modify your personal data and maintain your organizations data if you are authorized for that.

Please visit our site frequently to keep your data up to date and look for our new services we are offering only for registered users.

Manage Data

Tamas Varga  
Test Organization  
Test Country

[Change Password](#)  
[Manage Contact Data](#)  
[Log out](#)

Survey List

[Telecommunication Regulatory Survey 2005](#)  
[Questionnaire on Tariff Policies - Operators 2005](#)

Direct access to survey, and management of organization information.

Top - Feedback - Contact Us - Copyright ©ITU 2006 All Rights Reserved  
Contact for this page : Webmaster  
Generated : 2006-04-27

Done Local intranet



# SURVEY (Example)

International Telecommunication Union - BDT - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites 3 bloquée(s) Orthographe Options

Address http://bwin2/bdt\_public/Secure/SurveyPage.aspx?surveyId=100 Go Links

Google

International Telecommunication Union

Our Sites News Events Publications Site Map About Us Français Español Print Version

Search

ITU ICT Eye

ICT Statistics

Regulatory Information

Operators / Service Providers

Tariff Policies

Financial Institutions

Scientific Institutions

Economic Research Tools

Cost and Tariff Models Universal Service Policy Tariff Rebalancing Time Bands, Tariff Zones and Interconnection Network Based on IP Price Controls

Questionnaire on Tariff Policies - Operators 2005 1/6

Test Organization  
Test Country

Cost and Tariff Models

A. How do you determine the price of the domestic telecommunication services you provide (local and long distance calls and interconnection)?

☐ Set by the State

☐ On the basis of revenue requirements, having regard to company overheads

☐ On the basis of the individual production costs of each service

☐ Benchmarking

[Click here to enter your note](#)

B. If you use a cost-based tariff model, please indicate its type:

☐ Cost model developed by the company itself

☐ Cost model acquired on the market

☐ Cost model of a regional organization

☐ ITU cost model

☐ Cost model of an international organization other than ITU

☐ None

[Click here to enter your note](#)

C. If you use a cost model, please indicate whether it depends absolutely on cost accounting data.

☐ Yes

☐ No

☐ Not applicable

[Click here to enter your note](#)

D. If you use a tariff model, please indicate the type of costs on which it is based.

☐ Historical costs

☐ Current costs

☐ Long-run market-based benchmark costs

Done Local intranet

start Microsoft P... P:\FSU\Car... 2 Interne... Microsoft P... 97% 13:05



**SEVEN-IN-ONE**



# **SINGLE ELECTRONIC PLATFORM**

**OPERITU Operators**

**Regulatory Information**

**ICT Statistics**

**Tariff Policies**

**Financial Institutions**

**Scientific Institutions**

**Economic Research Tools**

# OPERITU

## OPERITU Database

Welcome to OPERITU! The ITU/BDT Database on Telecommunication Operators and Service Providers in Developing Countries.

The OPERITU database contains the coordinates of public and private telecommunication operators & service providers in 159 developing countries with detailed profiles on various companies. OPERITU intends to answer the following questions : Which operators/service providers are currently operating in each developing country? What products and services do they provide? What are their major areas of development? What type of partnership are they looking for to facilitate their development? (e.g. Technical, Business, Financial...)

*Remark: The designations employed and the presentation and arrangement of the data and other material in this publication do not imply the expression of any opinion whatsoever on the part of the Secretariat of the International Telecommunication Union concerning the legal status of any country, territory, city or area, or of its authorities, or concerning the delimitations of its frontiers or boundaries.*

## Geographical approach

Region

[All companies](#)

[New companies](#)

[All profiles](#)

[New profiles](#)

## Thematic approach

You can filter operator data specifying various search criterias.

[Set criteria](#)

# REGULATORY INFORMATION

## Regulatory Database

The information and communication technology (ICT) sector is in the midst of remarkable transformation fueled by a combination of technological, market, policy and regulatory developments. These changes include unparalleled numbers of voice telephone subscribers, the rise of IP-enabled networks and Voice over IP (VoIP) services, initial-yet promising-deployment of fixed line broadband and broadband wireless access (BWA) services and intelligent radio devices. The market and technological developments are exerting pressure on the current regulatory framework. How will regulation change?

One of the core functions of the BDT is the collection, analysis and dissemination of information on telecommunication regulatory trends and practices, collectively known as the Regulatory Knowledge Centre. This site is an online one-stop shop for the latest ICT regulatory information. The data is drawn from an annual regulatory survey, which dates back to 1994. Each year the survey is adapted in order to reflect changes in the sector.

Since the start of the survey, the number of countries with separate regulators has grown by over 200%; the number of countries that have privatized has doubled and the number of countries providing competitive basic services has grown by over 500%. To view the latest trends, select the desired reports from the right hand menu.

## Regional Reports

Region

[Level of Competition](#)

[Status of the main fixed-line operators](#)

[Countries with a separate regulator](#)

[Interconnection agreements and prices / Reference Interconnection Offers \(RIOs\)](#)

[Licensing agreements](#)

[Dispute resolution decisions](#)

[Spam legislation and responsible anti-spam authority](#)

[IP Telephony](#)

[Spectrum information](#)

## Country Reports

Country

[Country Profile \(includes market structure, regulatory environment and contact details\)](#)

[Regulators Profile \(Includes details on the Regulators structure, financing and functions\)](#)

[Universal Service Profile \(Includes details on the Universal Service coverage, programs and financing\)](#)

# ICT STATISTICS

## ICT Statistics Database

As a United Nations agency, the ITU has an obligation to identify, define, and produce statistics covering its sector - the telecommunication/ICT sector. This is in line with other specialized agencies that publish statistics covering their respective field of operations and forms part of the global statistical system of the UN.

The [collection of over 100 telecommunication/ICT indicators](#) is one of the main activities of the unit. The ITU's Market, Economics and Finance (MEF) Unit collects its Telecommunication/ICT data directly from governments by means of an annual questionnaire that is sent to the government agency in charge of telecommunications/ICT. This is usually the Ministry or the regulatory agency. The MEF Unit verifies and harmonizes data, carries out research, and collects missing values from government web sites and operators' annual reports, particularly for countries that do not reply to the questionnaire. Market research data are also used to cross-check and complement missing values.

The indicators/statistics published in this publication are used to back up ICT sections in inter-governmental publications such as the UNDP Human Development Report, the World Bank World Development Indicators and the United Nations Statistical Yearbook. Data are available in a number of formats including printed publications, CD-ROM, and by electronic download.

The flagship publication, the [Yearbook of Statistics](#), has been published annually for almost three decades and is widely respected as the world's leading source of ICT statistics.

The electronic database, [World Telecommunication Indicators](#), available both in a user-friendly CD-ROM and by electronic download, provides an important historical perspective of the Information and Communication Technology (ICT) industry, with annual time series dating back to 1960 and extending until 2004 - for over 80 items and some 200 economies.

Some key and popularly requested ICT/telecommunication data are provided for free, at <http://www.itu.int/ITU-D/ict/statistics/>. Users also have free access to our presentations; definitions and references of handbooks and links to other relevant sites and information sources.

## Regional Reports

Select Year

[Basic indicators: Population, GDP, total telephone subscribers and total telephone subscribers per 100 people](#)

[Main telephone lines, subscribers per 100 people](#)

[Mobile cellular, subscribers per 100 people](#)

[Internet indicators: Hosts, Users and Number of PCs](#)

[For definitions, see the technical notes](#)

# TARIFF POLICIES

## Tariff Policies Database

The objective of this database is to track and show trends in the application of tariff policies related to pricing, cost/tariff models, analytical accounting, interconnection charges, management of universal service and price control in different countries.

Data is provided annually by Telecommunication Regulatory Authorities and Network Operators.

## Regional reports

Region

Teledensity level

Survey year(s) From  To

[Cost and Tariff Models](#)

[Universal Service Policy](#)

[Tariff Rebalancing](#)

[Time Bands, Tariff Zones and Interconnection](#)

[Network Based on IP](#)

[Price Controls](#)



# FINANCIAL INSTITUTIONS

## Financial Institutions/Private Sources Database

This database acts as a guide to the main sources of financing telecommunication development and is intended for governments, regulators, and public telecommunication entities as well as private institutions and enterprises. It provides funding solutions for investment projects in the telecommunication sector. It is also intended to facilitate the transition and restructuring activities of least developed countries in the context of the evolving international telecommunication environment.

The entries it contains, which have been checked by all participating institutions, condense useful information into a few paragraphs, revealing a sectoral emphasis that is not always apparent from the name of the institution.

**We all build the global knowledge-based information society!**

## MultilanguageLabel

### Geographical approach

Region

[List of Financial Institutions](#)

[List of Financial Institutions with contact info](#)

### Thematic approach

Please set filter criteria.

☐ Multilateral & bilateral

☐ Fund

☐ Private source

## Register

Here you can register a Financial Institution.

[Link to Application Form](#)

# SCIENTIFIC INSTITUTIONS

## Global Database of Scientific Institutions Focusing on Telecommunications/ICTs

As instructed by ITU Members, it is important to strengthen ITU relationships with the world of science, i.e. research institutions and institutions of higher education, specializing in telecommunications/ICTs. In this framework this database increases the visibility of all scientific institutions on an international level; fosters international collaboration through simplification of the search process for research project partners; and gives information on institutions offering education programmes and undertaking research projects focusing on telecommunications.

The main objective of this database is to strengthen existing bonds and establishes new links with universities and other scientific institutions in identifying trends in finance and economics of telecommunication/ICT networks and services. The database contains those institutions focusing on telecommunications/ICTs and specializing in: economics, management, regulation, technology

The data on institutions have been furnished by National Regulatory Authorities, Ministries of Communications, and Ministries of Education. Scientific Institutions had been contacted and requested to complete the data.

### **We all build the global knowledge-based information society!**

*Remark: The information in this database is that of the Scientific Institutions and does not necessarily represent the opinions of ITU or its membership. The terms and definitions used are the author's own and can on no account be regarded as replacing the official ITU definitions. As the information is completed by the Scientific Institutions, the data may be incomplete, but institutions are being contacted and encouraged to supply complete information. Should you encounter any difficulty, please contact ITU/BDT/Market, Economics and Finance Unit; E-mail: ITU-D-economic-tools@itu.int*

## Geographical approach

Region

[List of Scientific Institutions](#)

[List of Scientific Institutions with contact info](#)

## Thematic approach

You can filter institution data by specifying various search criterias.

[Set criteria](#)

## Register

Here you can register a Scientific Institution.

[Link to Application Form](#)

# ECONOMIC RESEARCH TOOLS

## Tools for Economic Research Database

The telecommunication industry has specific needs in relation to software, tools, and models. These needs are difficult to meet and necessitate a great deal of research.

The objective of this database is to give an overview of the different tools, software, and models that are available on the market and are applicable to the telecommunication/ICT sector, to help telecommunication regulators, operators and service providers conduct economic analysis such as forecasts, simulations and sensitivity analyses. The information contained in this database is updated by the software developers.

### **We all build the global knowledge-based information society!**

*Remark: The information in this database is that of the software developers and does not necessarily represent the opinions of ITU or its membership. The terms and definitions used are the author's own and can on no account be regarded as replacing the official ITU definitions. Should you encounter any difficulty, please contact ITU/BDT/Market, Economics and Finance Unit: E-mail: [ITU-D-economic-tools@itu.int](mailto:ITU-D-economic-tools@itu.int)*

## Browse Database

Select a tool to view its details:

-- Please Select --

Display Tool

## Thematic approach

You can filter Economic Research Tools data by specifying various search criterias.

[Set criteria](#)

## Register

Here you can register a Software Developer.

[Link to Application Form](#)



# THE REPORTS

A POWERFUL  
FEATURE



## ICT Statistics

### Regional Reports

Select Year

[Basic indicators: Population, GDP, total telephone subscribers and total telephone subscribers per 100 people](#)

[Main telephone lines, subscribers per 100 people](#)

[Mobile cellular, subscribers per 100 people](#)

[Internet indicators: Hosts, Users and Number of PCs](#)

[For definitions, see the technical notes](#)

## Regulator Institution

### Regional Reports

Region

[Level of Competition](#)

[Status of the main fixed-line operators](#)

[Countries with a separate regulator](#)

[Interconnection agreements and prices / Reference](#)

[Interconnection Offers \(RIOs\)](#)

[Licensing agreements](#)

[Dispute resolution decisions](#)

[Spam legislation and responsible anti-spam authority](#)

[IP Telephony](#)

[Spectrum information](#)

### Country Reports

Country

[Country Profile \(includes market structure, regulatory environment and contact details\)](#)

[Regulators Profile \(Includes details on the Regulators structure, financing and functions\)](#)

[Universal Service Profile \(Includes details on the Universal Service coverage, programs and financing\)](#)

## OPERITU Operators

### Geographical approach

Region

[All companies](#)

[New companies](#)

[All profiles](#)

[New profiles](#)

### Thematic approach

You can filter operator data specifying various search criterias.

[Set criteria](#)

## Tariff Policies

### Regional reports

Region

Teledensity level

Survey year(s) From  To

[Cost and Tariff Models](#)

[Universal Service Policy](#)

[Tariff Rebalancing](#)

[Time Bands, Tariff Zones and Interconnection](#)

[Network Based on IP](#)

[Price Controls](#)

## Scientific Institutions

### Geographical approach

Region

[List of Scientific Institutions](#)

[List of Scientific Institutions with contact info](#)

### Thematic approach

You can filter institution data by specifying various search criterias.

[Set criteria](#)

## MultilanguageLabel

### Geographical approach

Region

[List of Financial Institutions](#)

[List of Financial Institutions with contact info](#)

### Thematic approach

Please set filter criteria.

☐ Multilateral & bilateral

☐ Fund

☐ Private source

## Economic Research Tools

### Browse Database

Select a tool to view its details:

### Thematic approach

You can filter Economic Research Tools data by specifying various search criterias.

[Set criteria](#)

The home of reports'  
Displays a preview for  
each category

# REPORTS – SOME EXAMPLES (1)

ITU - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Select output: HTML Excel HTML PDF View Report Close Report

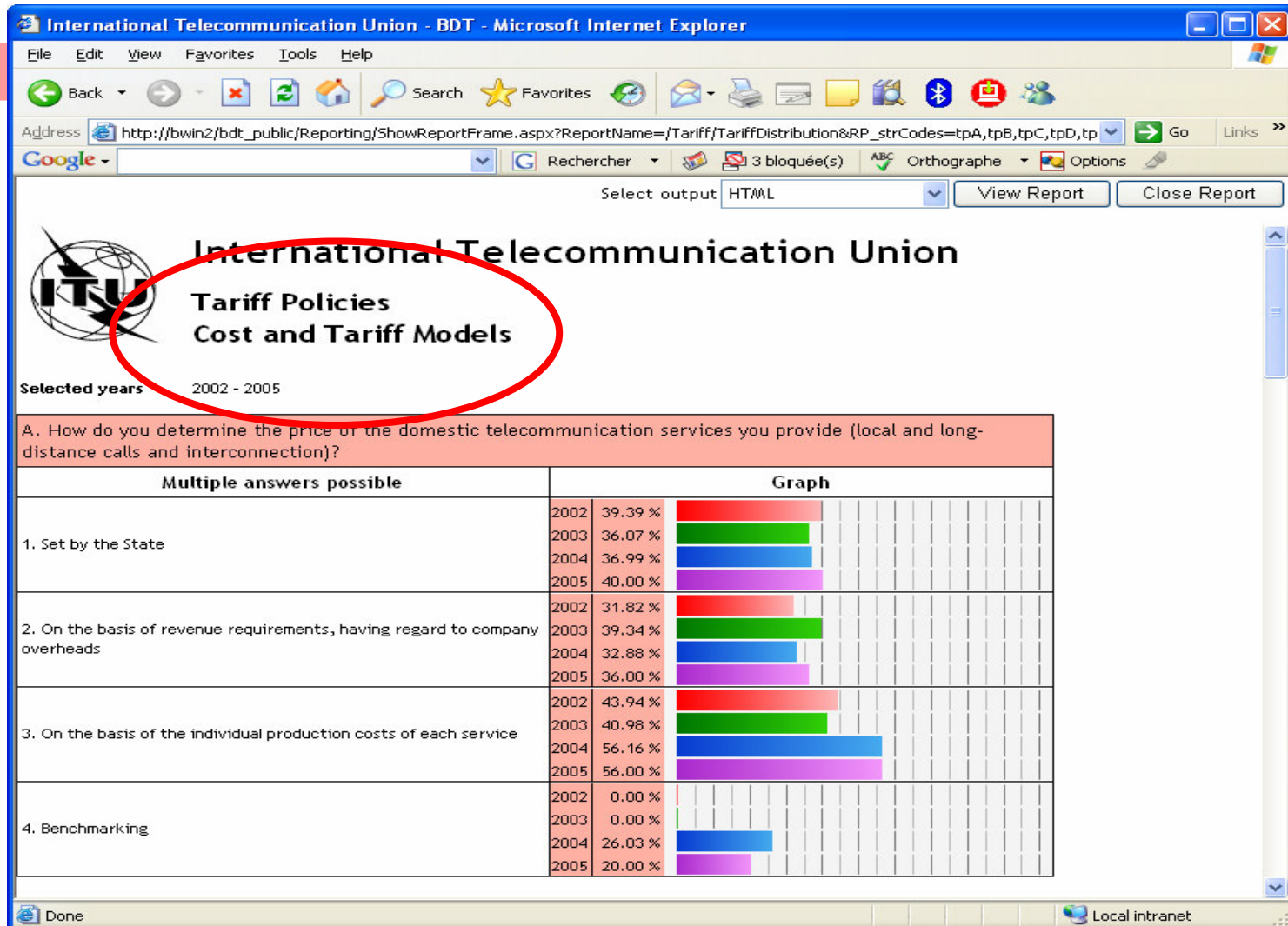
## 1. Basic Indicators

	Population		GDP		Telephone Subscribers	
	Total (M)	Density (per km <sup>2</sup> )	Total (B US\$)	per habitant (US\$)	Total (000s)	per 100 inhabitants
	2004	2004	2003	2003	2004	2004
1 Algeria	32.34	14	66.2	2'085	6'970.7	21.56
2 Angola	14.08	11	...	...	...	...
3 Benin	7.26	64	3.6	506	459.5	6.33
4 Botswana	1.72	3	7.4	4'214	700.2	40.82
5 Burkina Faso	13.39	49	4.2	345	479.4	3.58
6 Burundi	7.07	254	0.6	83	...	...
7 Cameroon	16.30	34	...	...	...	...
8 Cape Verde	0.47	117	0.8	1'773	139.2	29.49
9 Central African Rep.	3.91	6	1.2	284	70.0	1.79
10 Chad	8.85	7	2.7	329	136.0	1.54
11 Comoros	0.79	424	...	...	...	...
12 Congo	3.82	11	3.6	1'018	397.5	10.41
13 Congo (Dem. Rep.)	54.42	23	5.6	107	...	...
14 Côte d'Ivoire	16.90	52	14.0	844	...	...
15 Djibouti	0.68	31	...	...	45.6	6.70
16 Egypt	70.00	70	71.4	1'040	17'107.2	24.44

Extractable in different formats

Here html

# REPORTS – TARIFFS POLICIES





# REPORTS – MAIN TELEPHONE LINES

ITU - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Select output **Excel** View Report Close Report

A1 2. Main Telephone Lines

		Main telephone lines		Main telephone lines per 100 inhabitants		
		CAGR		CAGR		
		(000s)	(%)	(%)	(%)	(%)
		1999	2004	1999 - 04	1999	2004
1	2. Main Telephone Lines					
2						
3						
4						
5						
6	1 Algeria	1'600.0	2'288.0	7.4	5.34	7.08
7	2 Angola	67.2	...	...	0.54	...
8	3 Benin	43.7	72.8	10.8	0.71	1.00
9	4 Botswana	123.8	136.5	2.0	7.69	7.96
10	5 Burkina Faso	47.3	81.4	11.4	0.43	0.61
11	6 Burundi	19.0	...	...	0.29	...
12	7 Cameroon	94.6	...	...	0.64	...
13	8 Cape Verde	46.9	73.4	9.4	10.94	15.56
14	9 Central African Rep.	9.9	10.0	0.3	0.28	0.26
15	10 Chad	9.7	13.0	6.0	0.13	0.15
16	11 Comoros	6.5	...	...	0.96	...
17	12 Congo	22.0	13.8	-8.9	0.77	0.36
18	13 Congo (Dem. Rep.)	9.6	...	...	0.02	...
19	14 Côte d'Ivoire	219.3	...	...	1.51	...
20	15 Djibouti	8.8	11.1	4.7	1.42	1.63
21	16 Egypt	4'686.4	9'464.1	15.1	7.51	13.52
22	17 Equatorial Guinea	5.8	...	...	1.31	...
23	18 Eritrea	27.4	39.3	7.5	0.76	0.93
24	19 Ethiopia	194.5	...	...	0.32	...
25	20 Gabon	38.0	38.7	0.4	3.17	2.86
26	21 Gambia	29.2	...	...	2.39	...
27	22 Ghana	160.7	313.3	14.3	0.84	1.47

Sheet1 Sheet2 Sheet3 Sheet4 Sheet5 Sheet6

Done Local intranet



**ACTUALLY**

UNDER  
DEVELOPMENT



# ADVANCED FEATURES (in the future...)

- Dynamic reporting – combining information from different databases.
- Charts – ability of view information in dynamically generated charts.
- Estimated release date - End Spring 2006

**Market, Economics and Finance Unit (MEF)**  
**Telecommunication Development Bureau (BDT)**  
**<http://www.itu.int/ITU-D/>**