# 16th WORLD TELECOMMUNICATION/ICT INDICATORS SYMPOSIUM (WTIS)

## SESSION 2: DATA NEEDS FOR TRACKING THE SOCIAL IMPACT OF ICTS

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# DATA NEEDS FOR POLICYMAKING & FOR TRACKING SOCIAL IMPACTS

## KEY ACTORS IN ICT DATA PRODUCTION IN BRAZIL

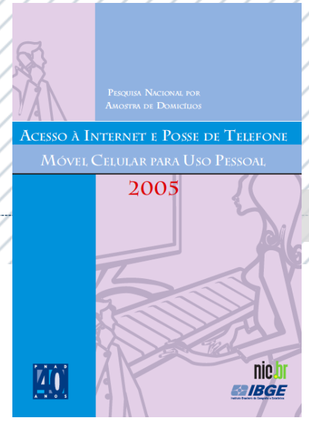
1995 — 2004 — 2012 — 2018

Multistakeholder model for Internet Governance in Brazil

cgi.br nic.br

cetic.br

registro.br




IBGE
Instituto Brasileiro de Geografia e Estatística

UNESCO
United Nations Educational, Scientific and Cultural Organization

cetic.br
Regional Center for Studies on the Development of the Information Society under the auspices of UNESCO

Fonte: CGI.br/NIC.br (2018)

# DATA NEEDS FOR POLICYMAKING & FOR TRACKING SOCIAL IMPACTS

## KEY ACTORS IN ICT DATA PRODUCTION IN BRAZIL

### SUPPLY SIDE ICT INDICATORS

ANATEL
Agência Nacional de Telecomunicações

Telecom Regulator

### DEMAND SIDE ICT INDICATORS

IBGE
Instituto Brasileiro de Geografia e Estatística

National Statistical Office

UNESCO
United Nations Educational, Scientific and Cultural Organization

cetic.br
Regional Center for Studies on the Development of the Information Society under the auspices of UNESCO

nic.br
Brazilian Network Information Center

cgi.br
Brazilian Internet Steering Committee

Research Center for ICT Statistics

### ICT, SCIENCE & INNOVATION POLICY NEEDS

MINISTÉRIO DA CIÊNCIA, TECNOLOGIA, INOVAÇÕES E COMUNICAÇÕES

BRASIL GOVERNO FEDERAL

**ICT AS A CROSS-CUTTING THEME ADDRESSED BY OTHER MINISTRIES**

# ABOUT CGI.BR

## MULTISTAKEHOLDER MODEL FOR INTERNET GOVERNANCE IN BRAZIL

1 2 3 4 5 6 7 8 9 **GOVERNMENT (Appointed)**

**cgi.br**

10 11 12 13 14 15 16 17 18 19 20 21 **CIVIL SOCIETY (Elected)**

**Government Representatives:**

1 Ministry of Science and Technology (Coordination)
2 Presidential Cabinet
3 Ministry of Communications
4 Ministry of Defense
5 Ministry of Development, Industry and Foreign Trade
6 Ministry of Planning, Budget and Management
7 National Telecommunications Agency
8 National Council of Scientific and Technological Development
9 National Forum of Estate Science and Technology Secretaries

**Civil Society Representatives:**

10 Internet Expert
11 General Business Sector Users
12 Internet Service Providers
13 Telecommunication Infrastructure Providers
14 Hardware and Software Industries
15 a 18 Non-governmental Entity
19 a 21 Academia

**nic.br** **registro.br**

7th largest domain name database in the world

*4 Million Domain Names (ccTLD .br)*

# CETIC.br: MONITORING THE AVAILABILITY AND USE OF ICT IN BRAZIL

## NATIONAL ICT SURVEYS BASED ON INTERNATIONAL STANDARDS

### INTERNATIONAL FRAMEWORKS

ITU

UNCTAD

NACIONES UNIDAS

CEPAL

OECD

UNESCO
United Nations Educational, Scientific and Cultural Organization

eurostat

UNESCO
United Nations Educational, Scientific and Cultural Organization

cetic.br
Regional Center for Studies on the Development of the Information Society under the auspices of UNESCO

### ICT STAND-ALONE SURVEYS

*INDIVIDUALS*

- HOUSEHOLDS & INDIVIDUALS
- RIGHTS & PROTECTION

*ORGANIZATIONS*

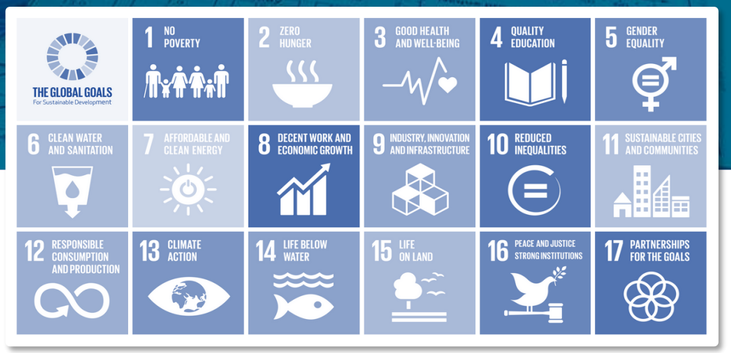
- EDUCATION
- HEALTH
- CULTURE
- ENTERPRISES
- GOVERNMENT
- CIVIL SOCIETY ORGANIZATIONS
- ISP PROVIDERS
- PUBLIC ACCESS CENTERS

# ICT DATA PRODUCTION FOR POLICY DESIGN

## DEMAND FOR DATA

**NACIONAL:**

- ICT Policies:
  - Brazilian National Broadband Plan
  - Brazilian National Transformation Strategy
  - Digital Governance
  - Digital Inclusion Policies (telecenters)
  - Connected Education and Innovation in Schools
  - Digital Governance Plan
  - IoT National Plan, etc.




**INTERNATIONAL:**

- 2030 Agenda
- WSIS &
- eLAC

**INCREASING DEMANDS FOR ROBUST, UPDATED, TIMELY AND DISAGGREGATED STATISTICS**

# EXPERT GROUP MEETINGS

## ENGAGING EXPERTS: LETIGIMACY TO ICT STATISTICS PRODUCTION

- GOVERNMENT
- INTERNATIONAL ORGANIZATIONS
- ACADEMIA & RESEARCH INSTITUTES
- CIVIL SOCIETY ORGANIZATIONS

United Nations Educational, Scientific and Cultural Organization

Regional Center for Studies on the Development of the Information Society under the auspices of UNESCO

- 63 Organizations
- 200+ voluntary experts engaged in the process of data production and dissemination

# Thank You !

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