

# **The Regulatory Framework and the Brazilian Telecommunications Market**

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# **THE REGULATORY FRAMEWORK AND THE BRAZILIAN TELECOMMUNICATIONS MARKET**

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- 1. STATUS THROUGH 1994**
  - 2. ACTIONS AND RESULTS THROUGH 1999**
  - 3. PROJECTIONS FOR 2005**
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# THE REGULATORY FRAMEWORK AND THE BRAZILIAN TELECOMMUNICATIONS MARKET

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## 1. STATUS THROUGH 1994

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# BACKGROUND

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- **1962 – BRAZILIAN TELECOMMUNICATIONS CODE**
  - **1965 – EMBRATEL**
  - **1967 – MINISTRY OF COMMUNICATIONS**
  - **1972 – TELEBRÁS**
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# ROLE OF THE STATE

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- **POLICYMAKING** → **MINISTRY OF COMMUNICATIONS (MC)**
  - **REGULATORY** → **MC AND TELEBRÁS**
  - **OPERATIONAL** → **TELEBRÁS**
-

# FIXED TELEPHONY



# FIXED TELEPHONY

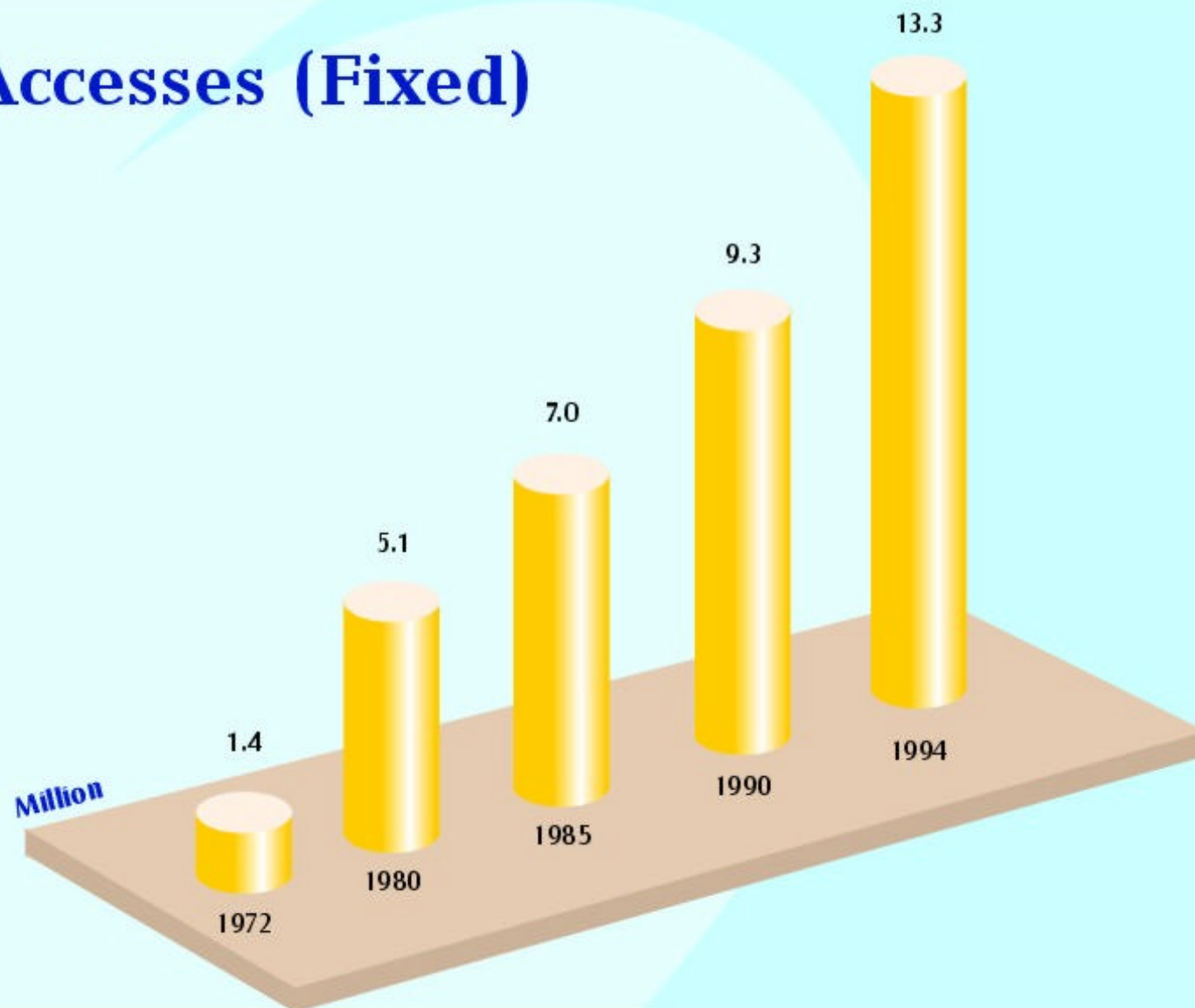


**A Single Operating  
Company per State**

# RESULTS THROUGH 1994



## Installed Accesses (Fixed)

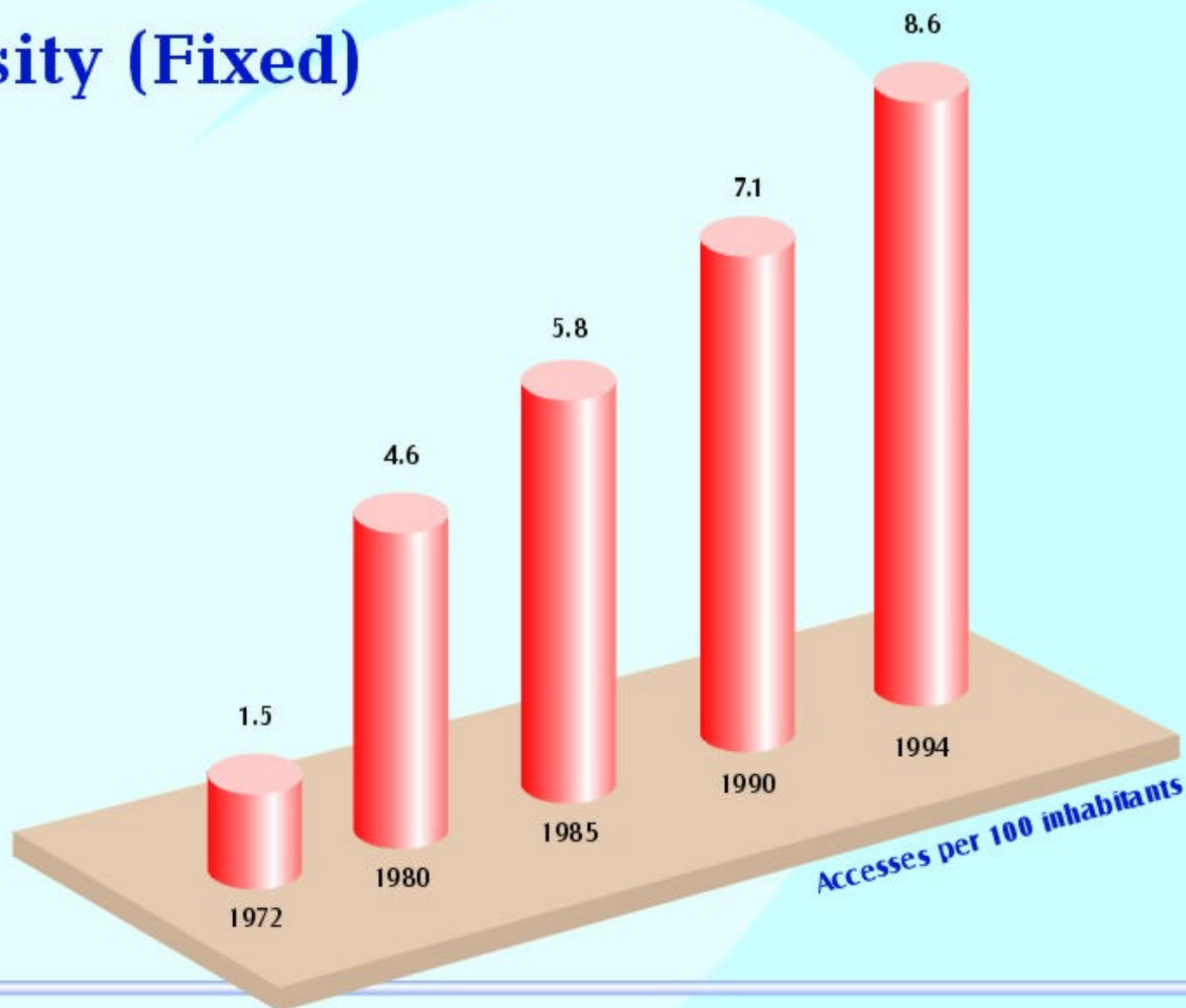




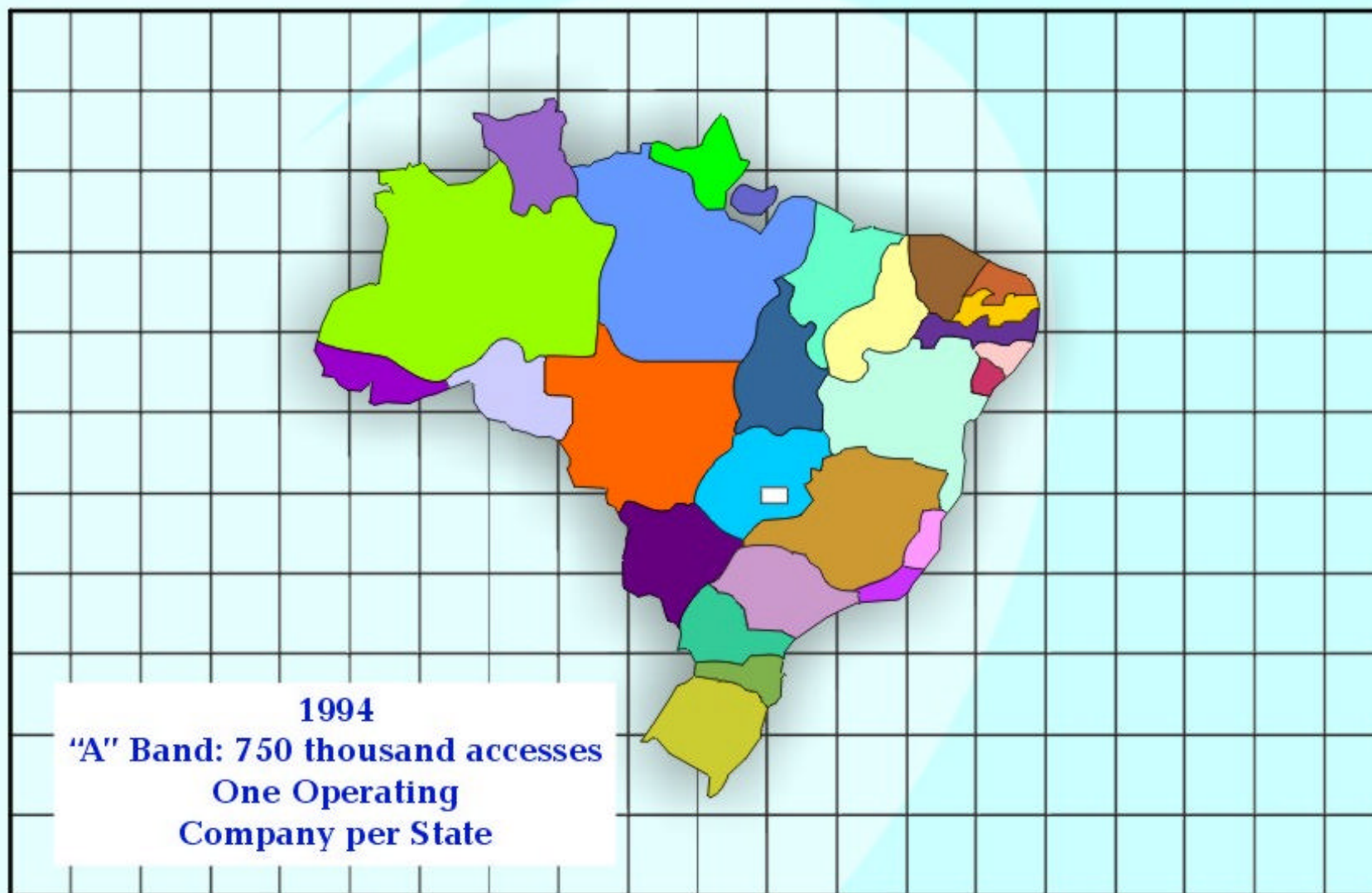
# RESULTS THROUGH 1994



## Teledensity (Fixed)



# MOBILE TELEPHONY



# **THE REGULATORY FRAMEWORK AND THE BRAZILIAN TELECOMMUNICATIONS MARKET**

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## **2. ACTIONS AND RESULTS THROUGH 1999**

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# STAGES OF RESTRUCTURING

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- Constitutional Amendment → August 95
  - Minimum Law → July 96
    - Cellular Telephony
    - Satellite Services
    - Data Communications (Limited Services)
    - Value-Added Services
-

# STAGES OF RESTRUCTURING

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- General Telecommunications Law - July 97
    - Basic Principles
    - Creation of Regulatory Agency
    - Organization of Telecommunications Services
      - Universal Access
      - Competition
    - Privatization of State-Controlled Companies
-

- Establishment: 5 Nov. 97
  - Features
    - Administrative Independence
    - Absence of Hierarchical Subordination
    - Fixed Terms and Stability of Directors
    - Financial Autonomy
-

## Competencies

- Implement policies for the sector
  - Regulate and enforce the provision of services and networks
  - Grant service concessions under the public regime
  - Issue service authorizations under the private regime
  - Administer the radio-frequency spectrum and the use of orbits
  - Set, monitor, and control tariffs in the public regime
  - Take final decisions in the administrative sphere
-

# AGENTS UNDER THE NEW MODEL

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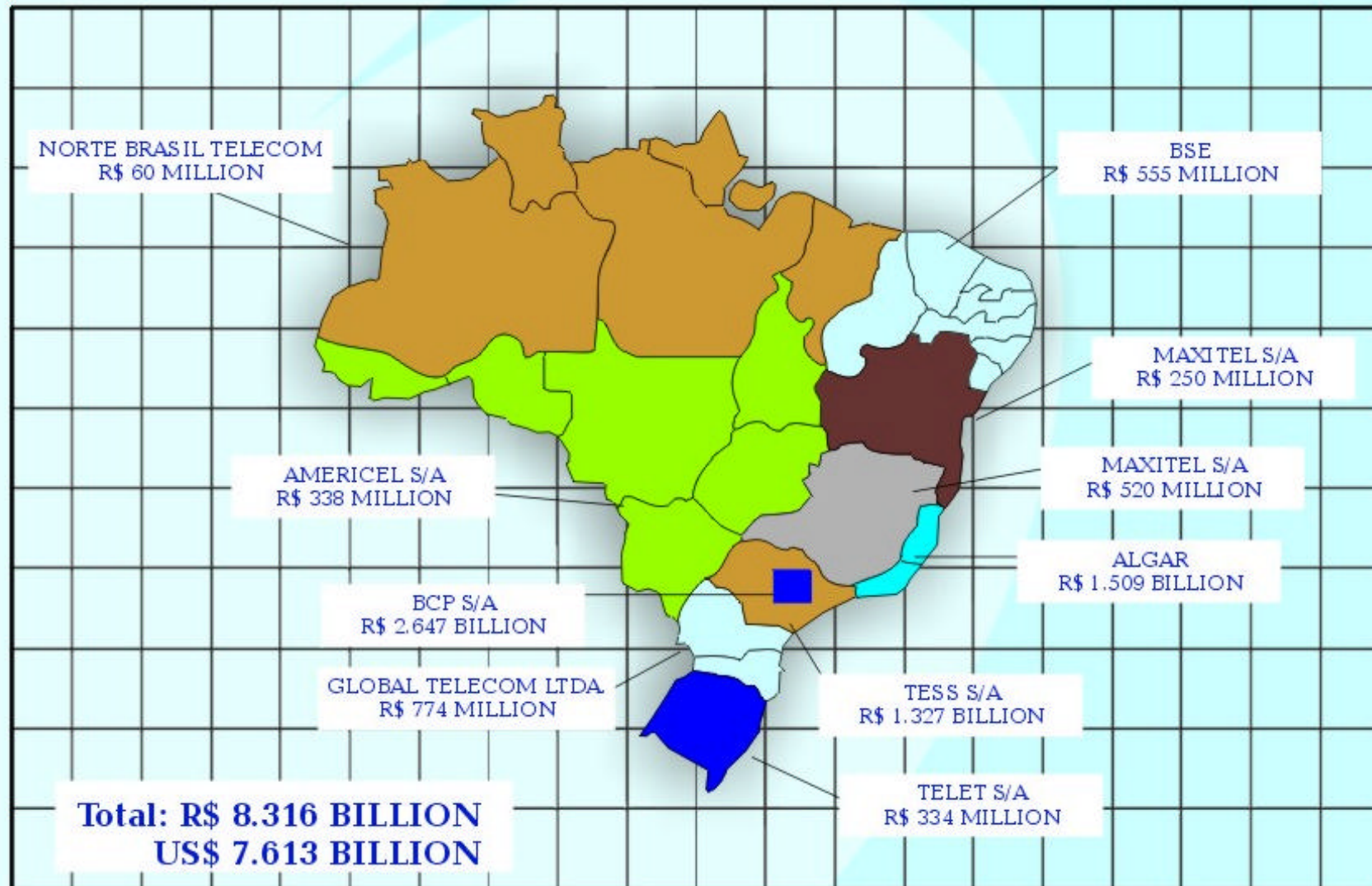
- **POLICYMAKING** → **LEGISLATIVE AND EXECUTIVE**
  - **REGULATORY** → **ANATEL**
  - **OPERATIONAL** → **PRIVATE COMPANIES**
-



# PRIVATIZATION



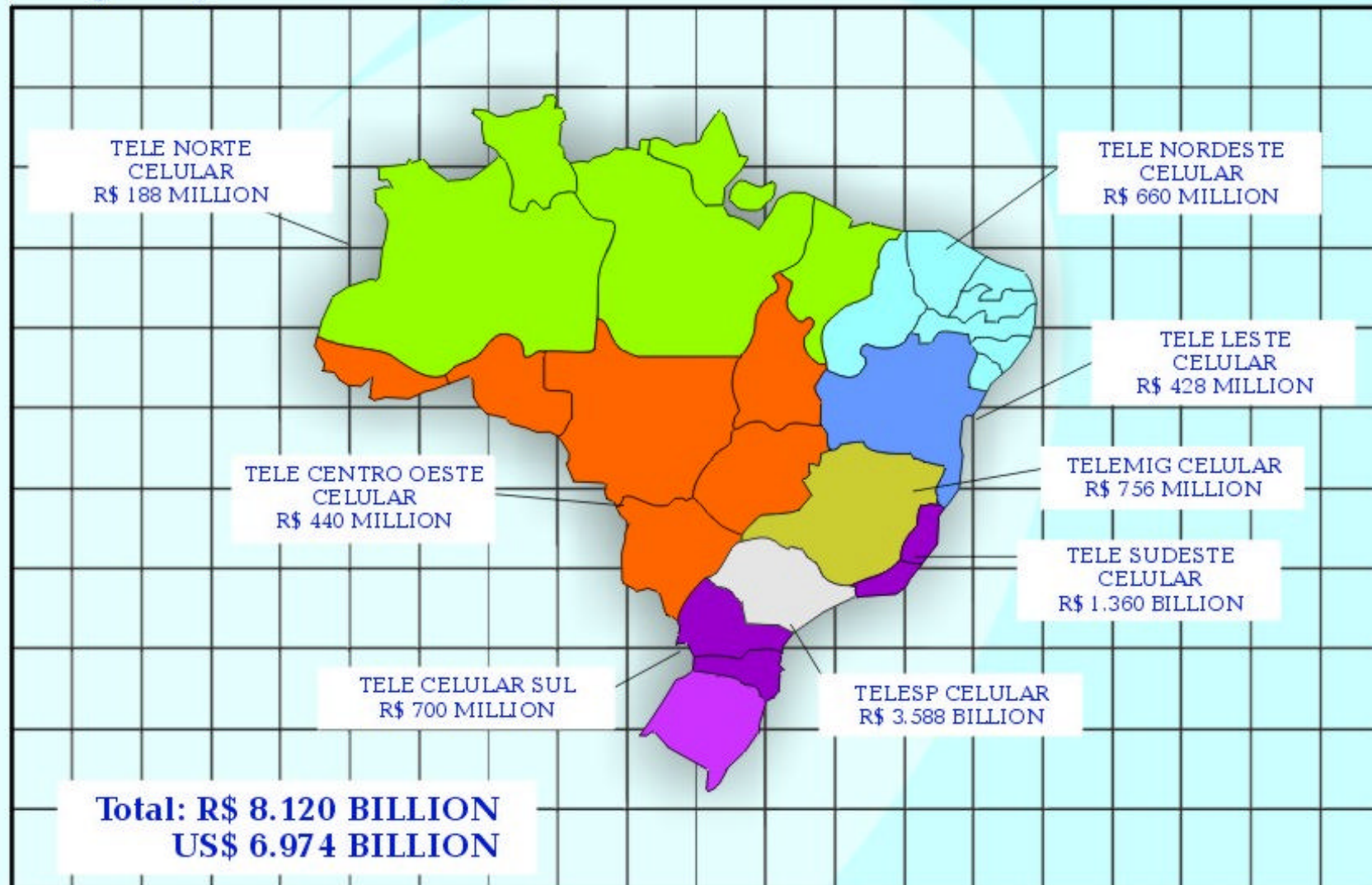
## Mobile Telephony – “B” Band (1997-1998)



# PRIVATIZATION



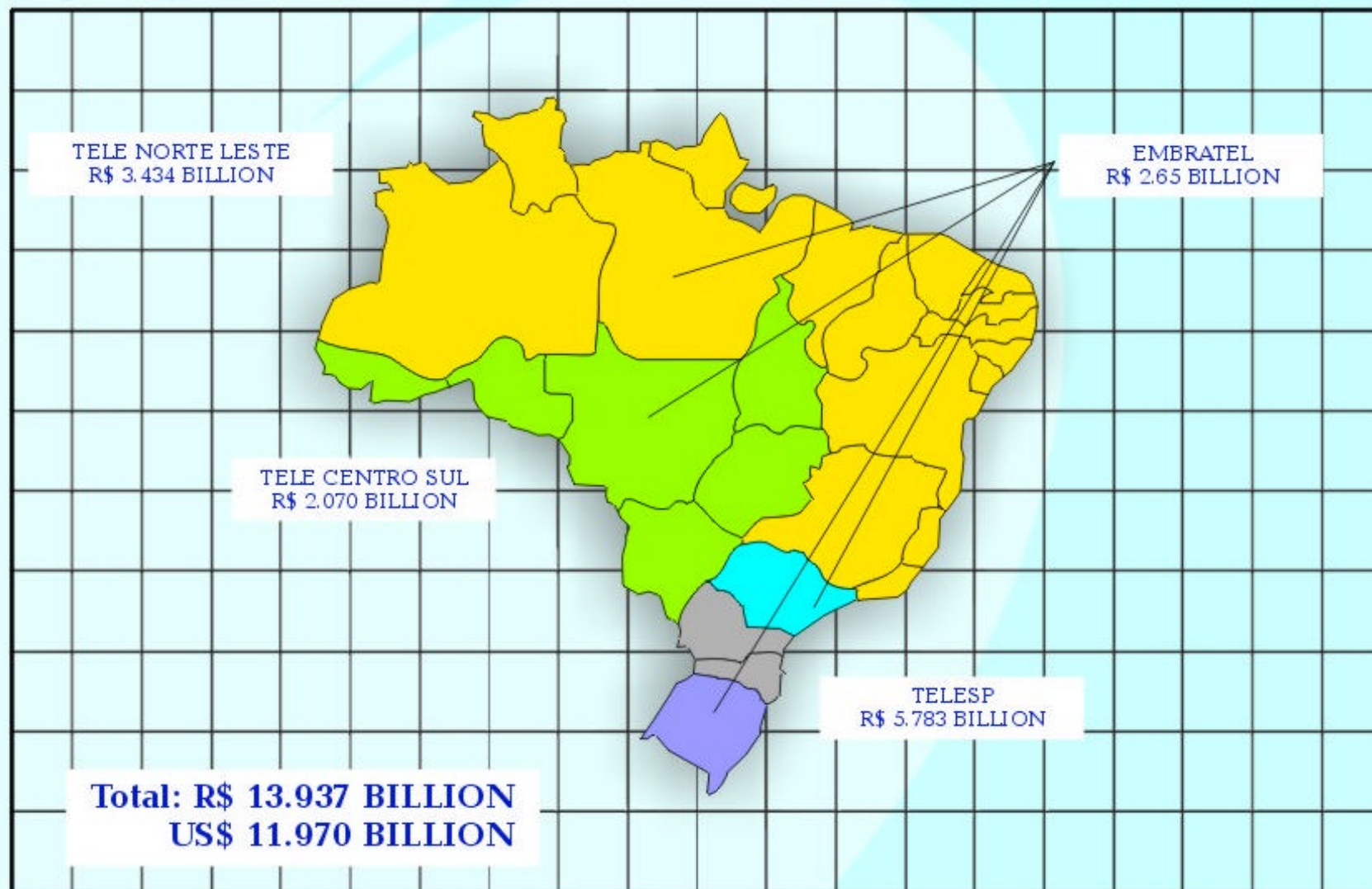
## Mobile Telephony – "A" Band (1998)



# PRIVATIZATION



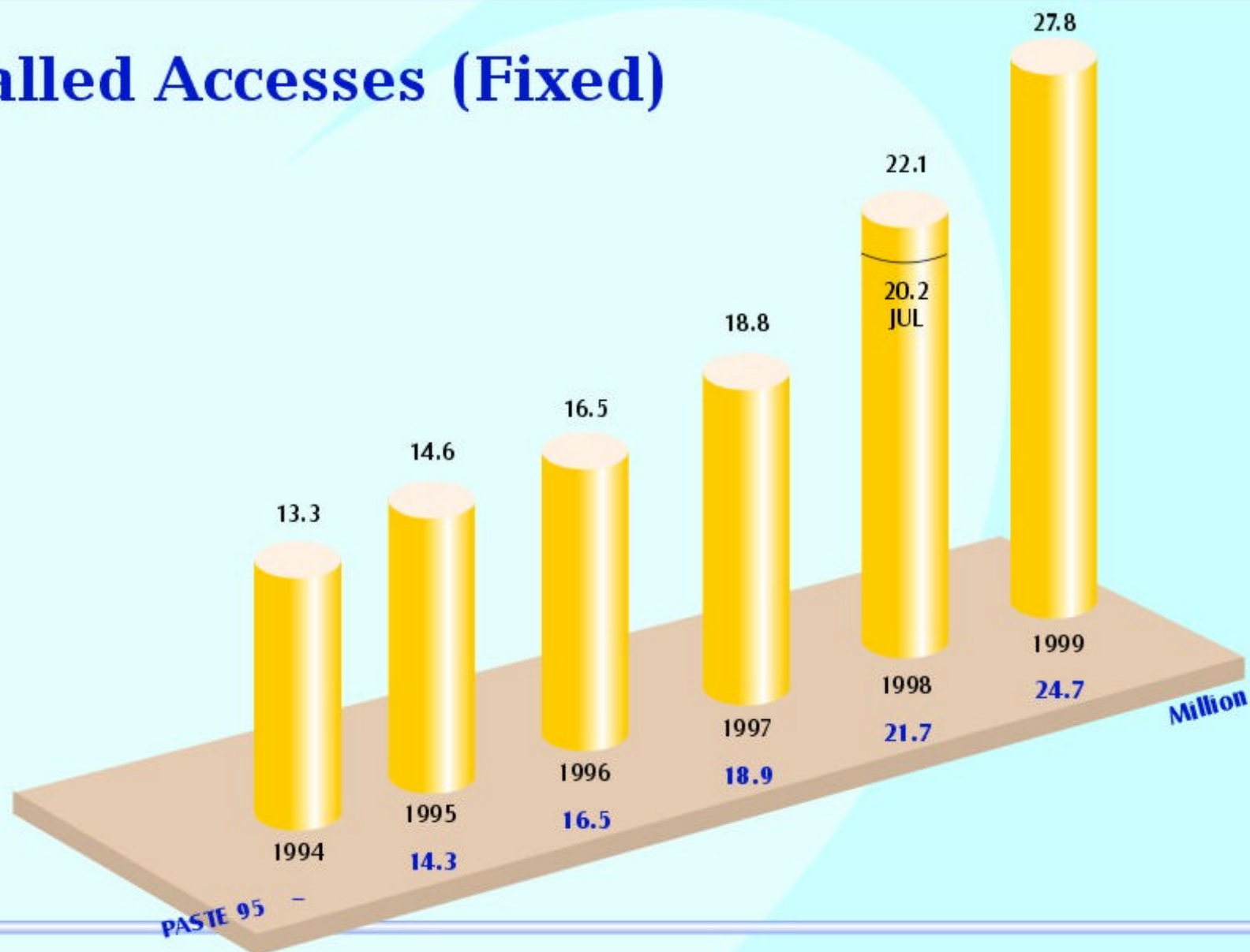
## Fixed Telephony – (1998)



# RESULTS THROUGH 1999



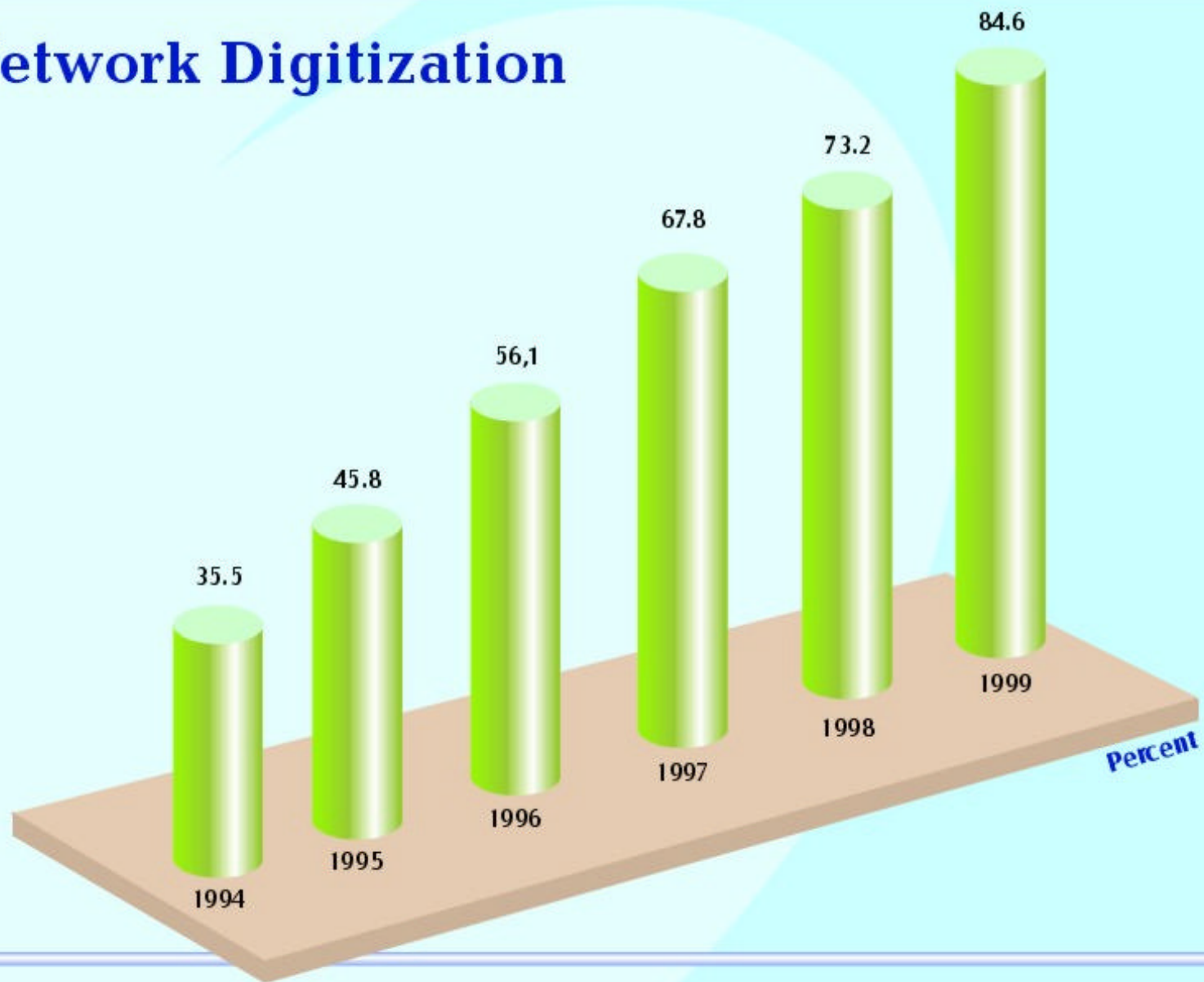
## Installed Accesses (Fixed)



# RESULTS THROUGH 1999



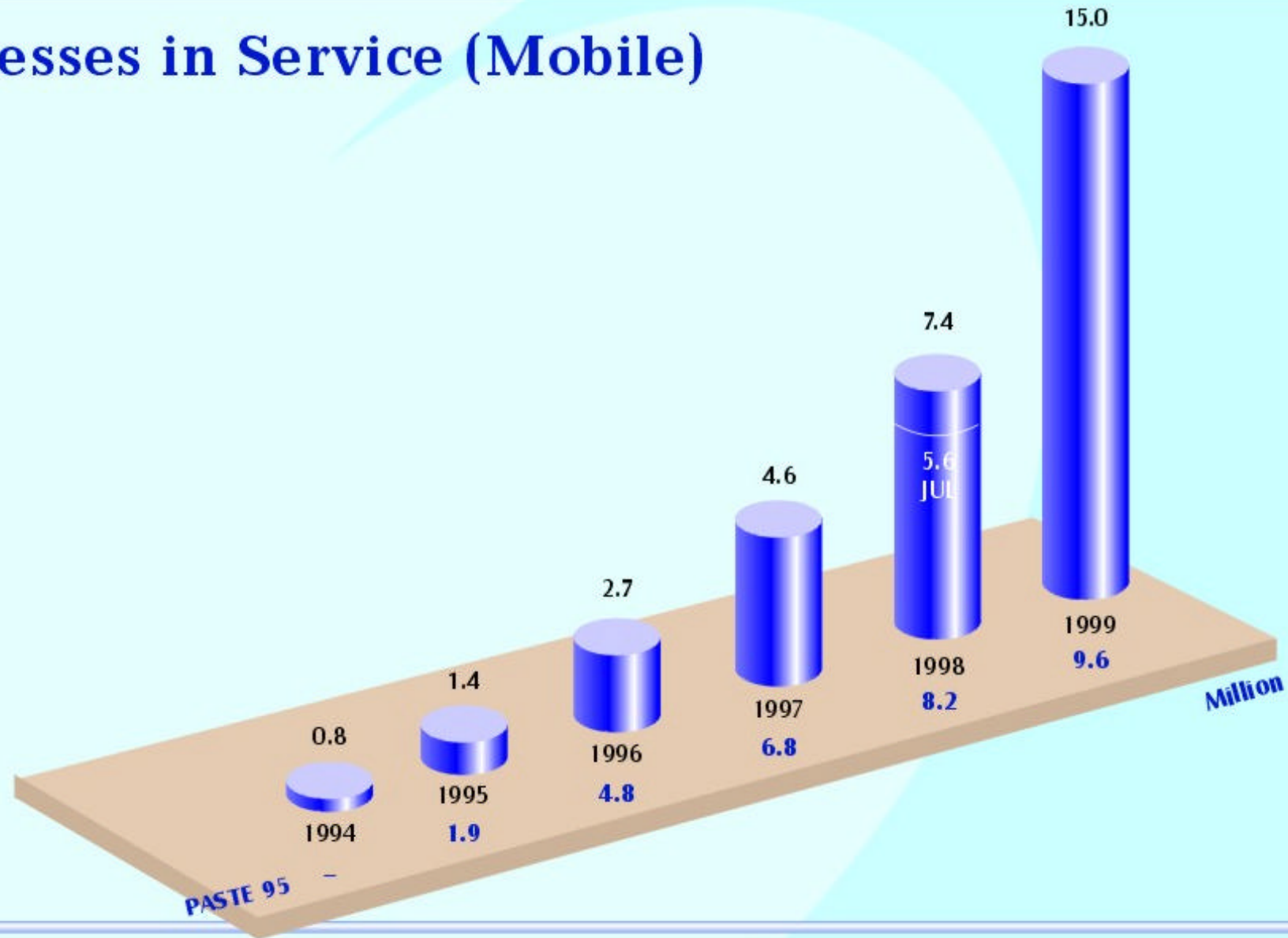
## Local Network Digitization



# RESULTS THROUGH 1999



## Accesses in Service (Mobile)

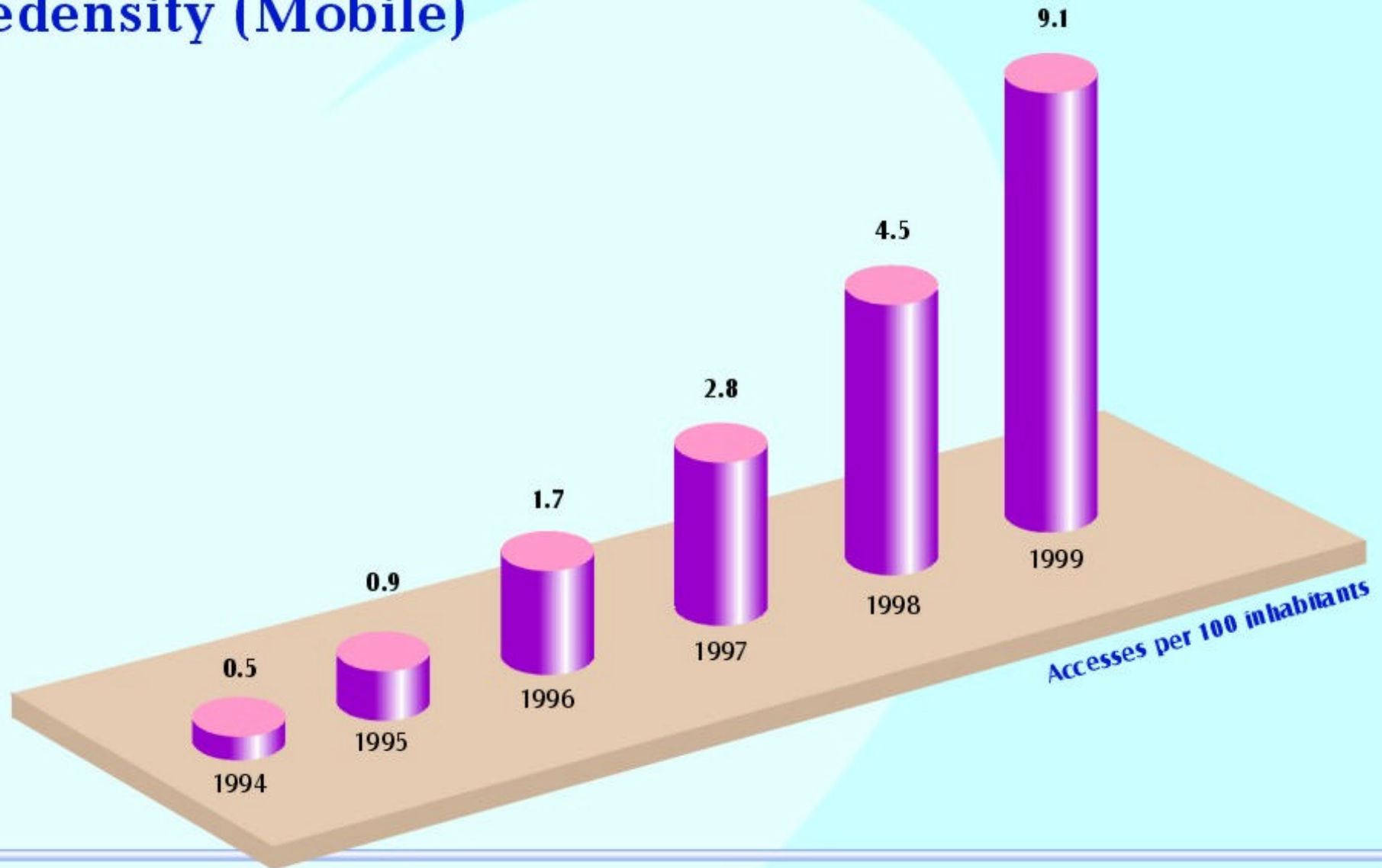


PASTE 95

# RESULTS THROUGH 1999



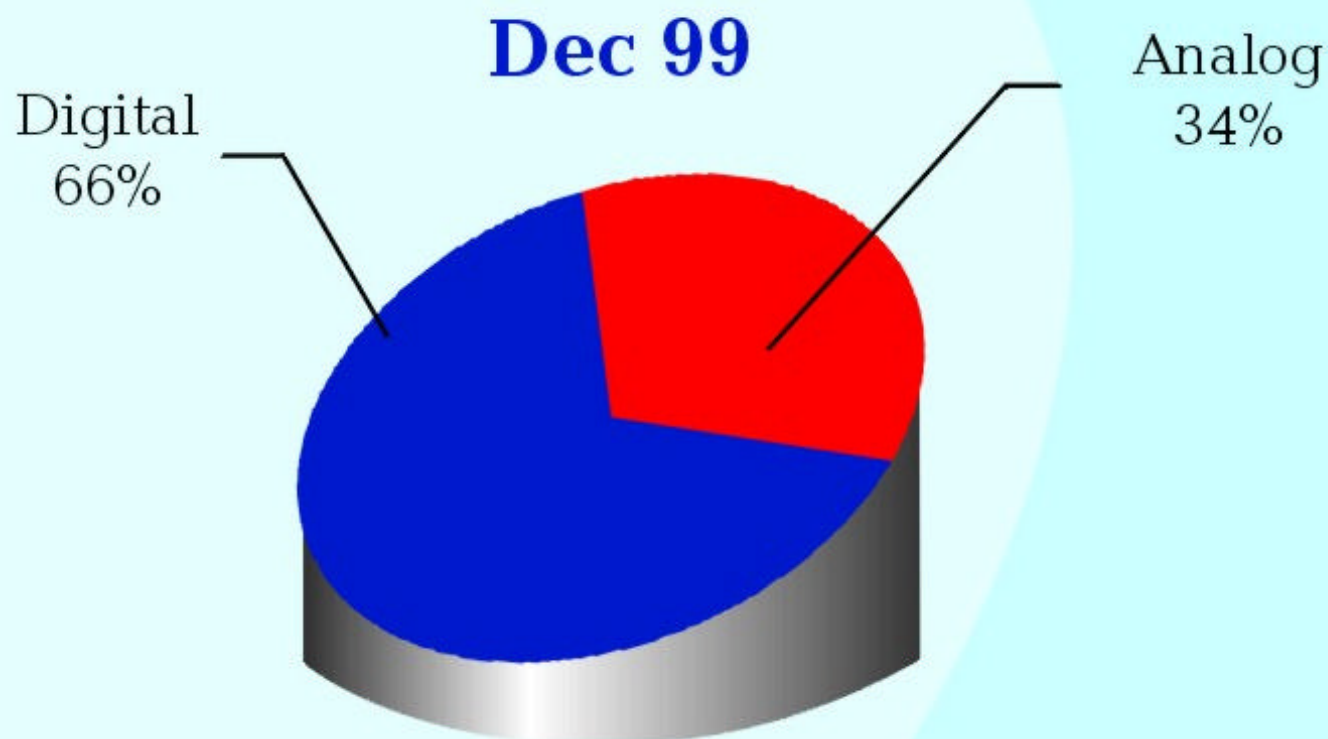
## Teledensity (Mobile)



# RESULTS THROUGH 1999



## Mobile Telephony





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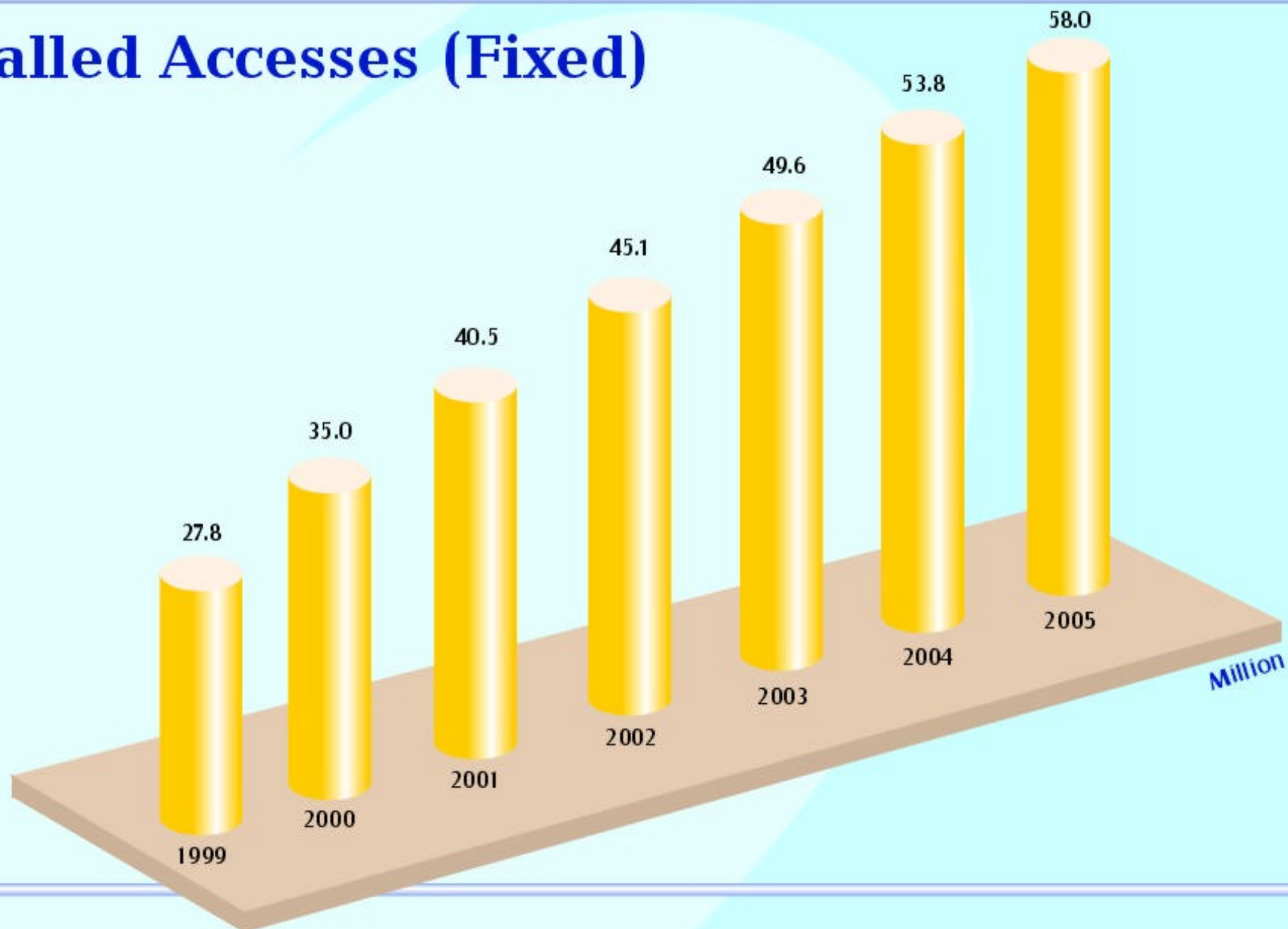
## **3 . PROJECTIONS FOR 2005**

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# PROJECTIONS THROUGH 2005



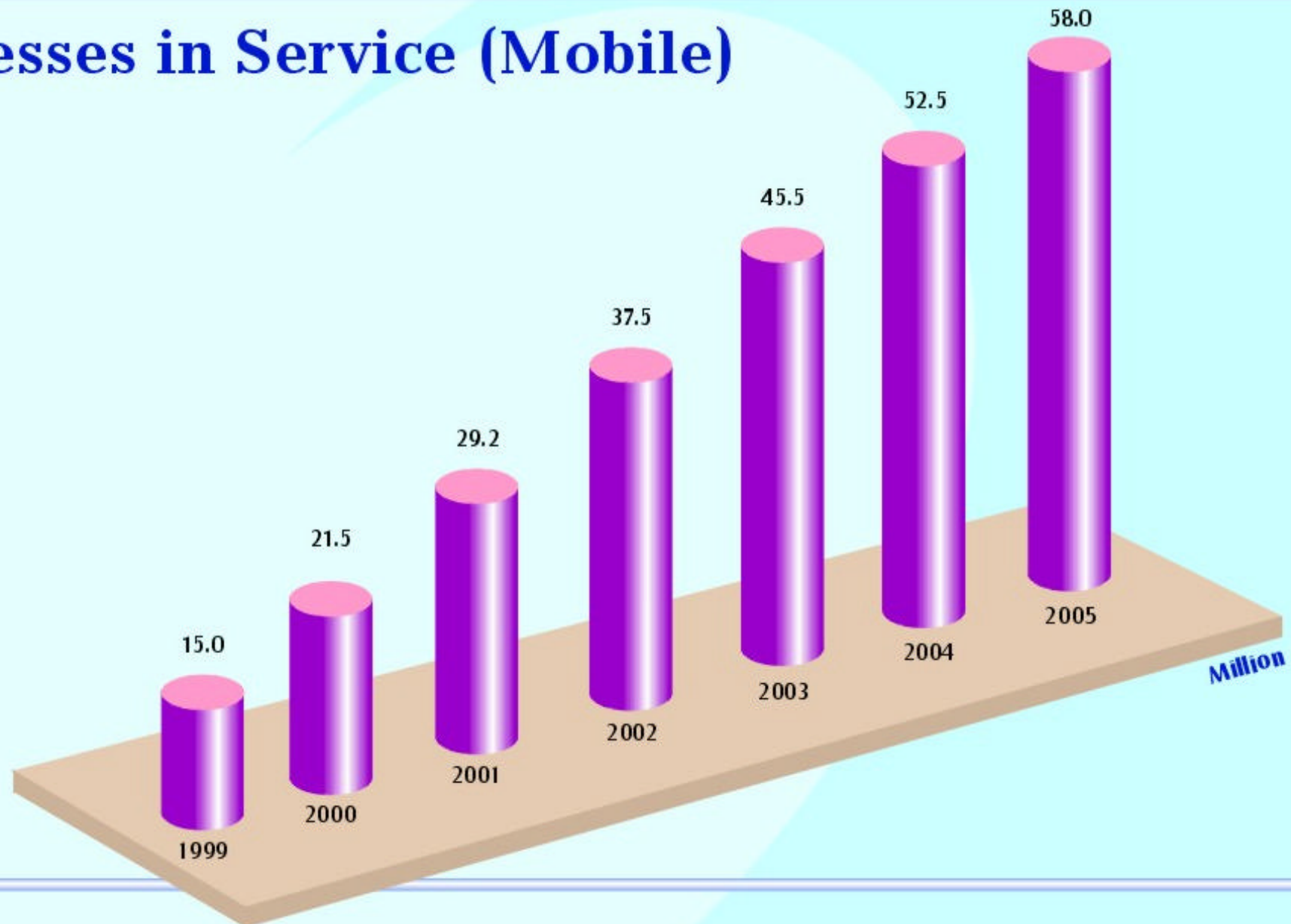
## Installed Accesses (Fixed)



# PROJECTIONS THROUGH 2005



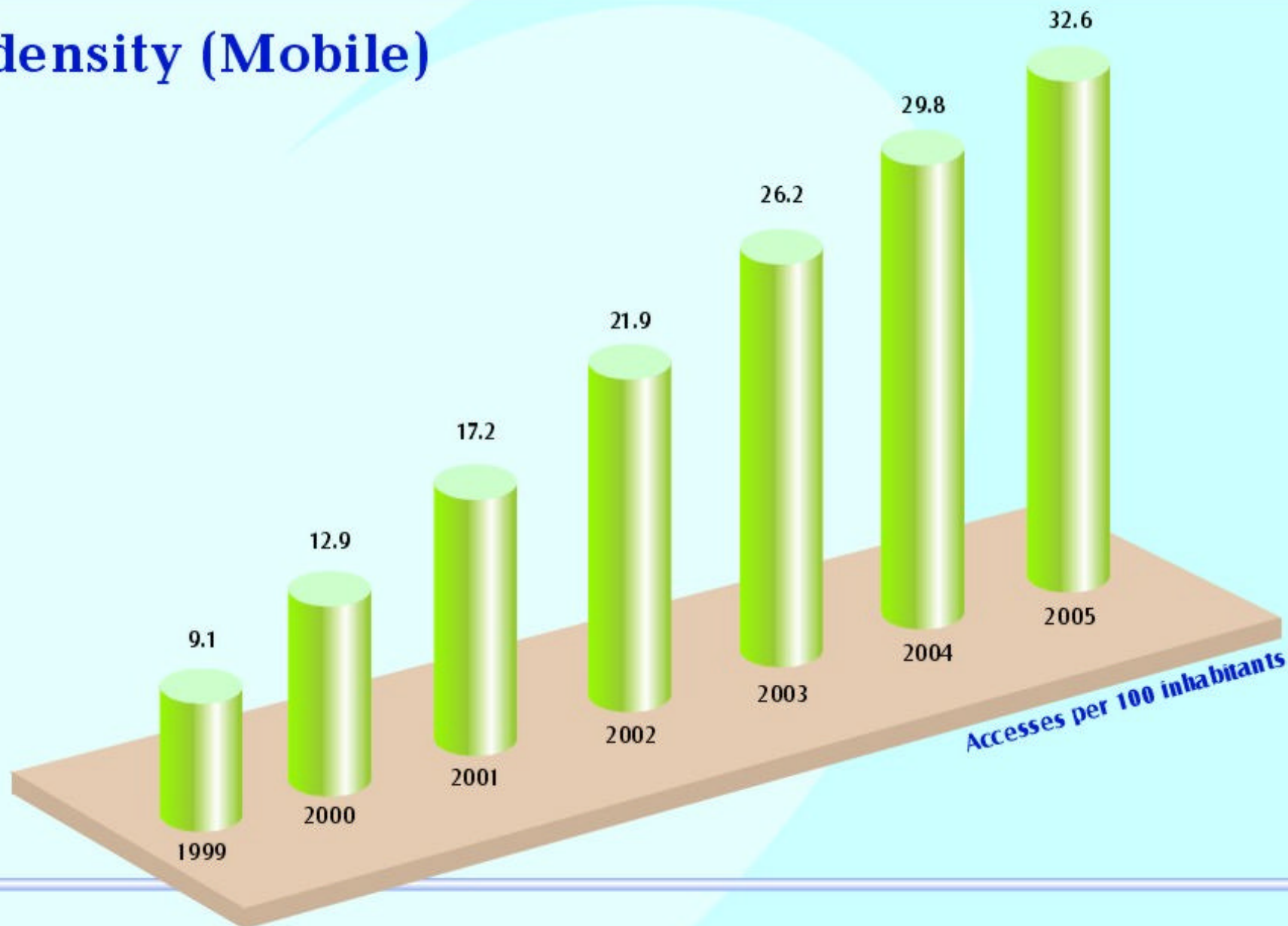
## Accesses in Service (Mobile)



# PROJECTIONS THROUGH 2005



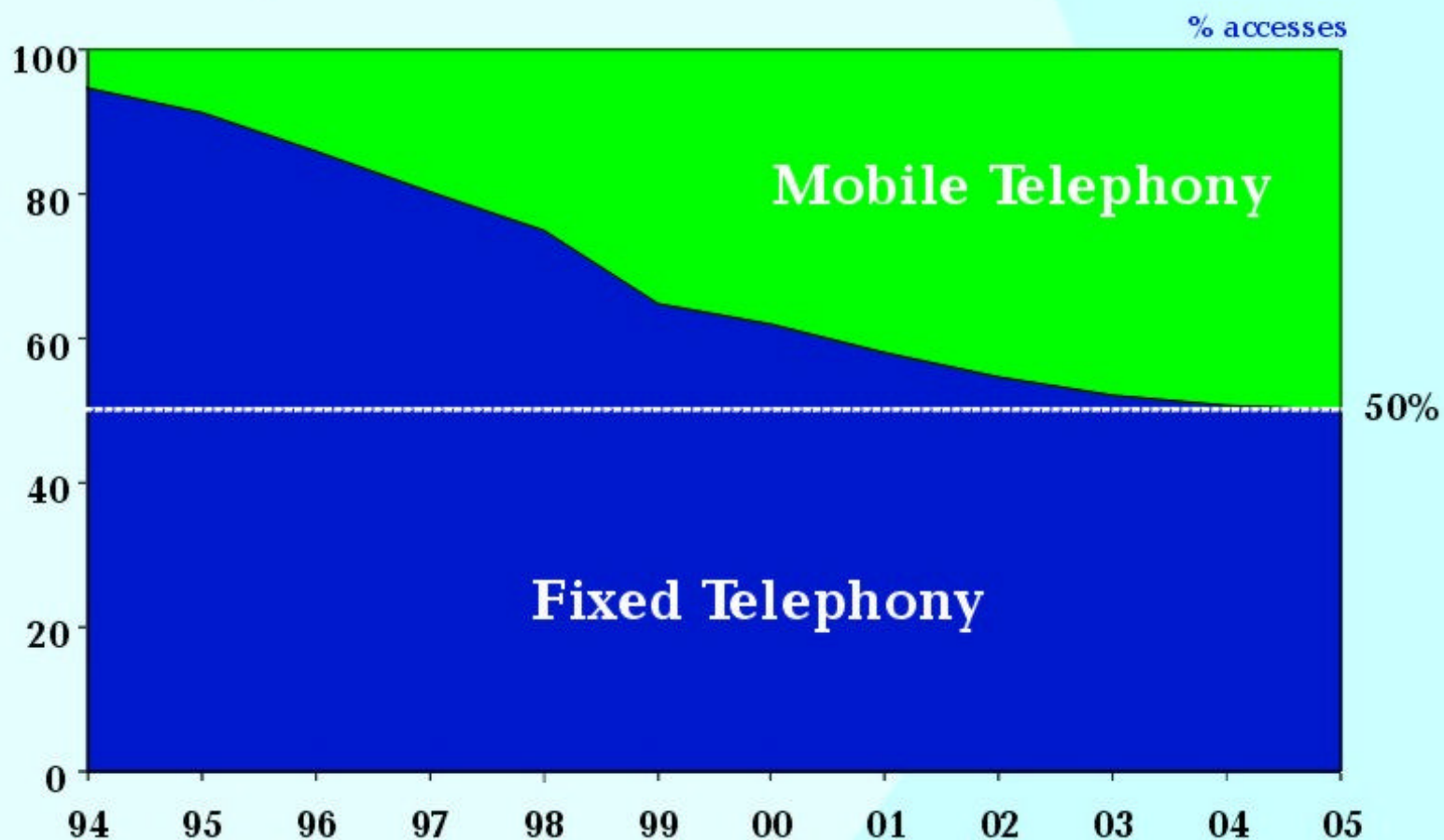
## Teledensity (Mobile)



# TELECOMMUNICATIONS IN BRAZIL



## Market Share Fixed X Mobile



# PROJECTIONS THROUGH 2005



## Investments

(US\$ billion)

SERVICES	00	01	02	03	04	05	TOTAL
Fixed	6.7	5.7	5.0	4.4	4.1	3.9	29.8
Mobile	2.4	3.1	3.7	4.0	4.2	4.5	21.9
Mass Communications	1.7	2.1	2.0	2.2	2.2	2.2	12.4
<b>TOTAL</b>	<b>10.9</b>	<b>10.9</b>	<b>10.7</b>	<b>10.6</b>	<b>10.6</b>	<b>10.6</b>	<b>64.1</b>



The screenshot shows a web browser window displaying the ANATEL website. The browser's address bar shows the URL <http://www.anatel.gov.br/home/default.asp>. The website features a navigation menu with categories such as "CONHEÇA A ANATEL", "SERVIÇOS DE TELECOMUNICAÇÕES", "RADIOFREQUÊNCIA", "CERTIFICAÇÃO DE PRODUTOS", "FISCALIZAÇÃO", and "COMITÊS E COMISSÕES". A search bar is located in the top right corner. The main content area includes a featured article titled "»Consulte aqui o valor e as opções de sua ligação telefônica" and a "MANCHETES" section with three news items dated 29/9/2000. A sidebar on the left contains "DESTAQUES" and "EM ANDAMENTO" sections with four sub-articles: "Eventos Públicos", "Consultas e Chamamentos Públicos", "Conheça o Correio Anatel", and "Utilize as facilidades dos Sistemas Interativos". The browser's status bar at the bottom indicates "(11 itens restante) Fazendo o download da figura http://www.anatel.gov.br/images/Templates/Navegacao/zeta.gif...".

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devidas frequentes pesquisa mapa do site links glossário ajuda favoritos

Perfis

ANATEL

CONHEÇA A ANATEL SERVIÇOS DE TELECOMUNICAÇÕES RADIOFREQUÊNCIA CERTIFICAÇÃO DE PRODUTOS FISCALIZAÇÃO COMITÊS E COMISSÕES

fale conosco eventos públicos biblioteca telemapa sistemas interativos áreas especiais

**»Consulte aqui o valor e as opções de sua ligação telefônica**  
Utilize o novo sistema para listar as prestadoras que podem completar a sua ligação, seus códigos de seleção e os valores para cada minuto de ligação.

**MANCHETES**

**Anatel divulga regulamentos, planos, normas e edital do Serviço Móvel Pessoal**  
29/9/2000 [LEIA MAIS](#)

**Catorze empresas foram inabilitadas pela Anatel nas licitações das "Espelinhos" para as regiões I e II**  
27/9/2000 [LEIA MAIS](#)

**Anatel assina contrato de TV a Cabo para mais quatro cidades de São Paulo**  
27/9/2000 [LEIA MAIS](#)

**DESTAQUES** | **EM ANDAMENTO** | **NOTÍCIAS** | **DIÁRIO** | **AGENDA**

**Eventos Públicos**  
Acompanhe os eventos e ações da Anatel através das sessões e audiências

**Consultas e Chamamentos Públicos**  
Utilize os formulários eletrônicos para

**Conheça o Correio Anatel**  
Cadastre-se no serviço do Correio Anatel para receber

**Utilize as facilidades dos Sistemas Interativos**  
Consulte as opções e

(11 itens restante) Fazendo o download da figura <http://www.anatel.gov.br/images/Templates/Navegacao/zeta.gif>...

Internet