



INTERNATIONAL TELECOMMUNICATION UNION
Telecommunication Development Bureau
Telecommunication Statistics and Data Unit

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3rd World Telecommunication/ICT Indicators Meeting
Geneva, 15 - 17 January 2003

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Source: Isabel Jarque U.
Comisión Federal de Telecomunicaciones

Title: Telecommunications Statistics/ICT in Mexico (PowerPoint presentation)

Telecommunications Statistics/ICT in Mexico

ITU World Telecommunication/ICT Indicators Meeting

Geneva, 15 – 17 January 2003

Isabel Jarque U.

Contents

- Regulator
- The Geography and Statistics Information Law
- Statistics Generation
- Products
- Main Indicators
- INEGI

REGULATOR

- The Federal Telecommunications Commission (COFETEL), was created in august, 1996. It is encharged of regulating and promoting the efficient development of telecommunications.
- Among it's functions, is the generation of the statistics of the telecommunications sector.

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THE GEOGRAPHY AND STATISTICS INFORMATION LAW

CONFIDENTIALITY

- The Geography and Statistics Information Law, published in december 30th 1980, rules the geography and statistics information in Mexico.
- Through the fifth and 38 articles of this Law, confidentiality is guaranteed on the information reported by the companies.

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GENERATION OF STATISTICS INFORMATION

- The recopilation, processing, generation and diffusion process of the statistical information of the sector, starts with the reception of information of more than 800 concessionnaires and permissionnaires of telecommunications services.

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PRODUCTS

- Information published on COFETEL's web site, with monthly, quarterly, semestral and annual periodicity (http://www.cofetel.gob.mx/frame_economico_estadisticas.html).
- Statistical Appendix of the Telecommunications Sector, containing confidential information, only for internal use.
- Executive Appendix of the Telecommunications Sector, includes annual historical series and international comparatives.
- Different products, specially made to answer requests of information from national and international organisms, the private sector and the public in general.

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Main Indicators

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Global Indicators

- ITEL
- Growth
- Investment
- Income
- Employment
- Infrastructure (Optical Fibre Network)

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TELECOMMUNICATIONS PRODUCTION INDEX (ITEL)

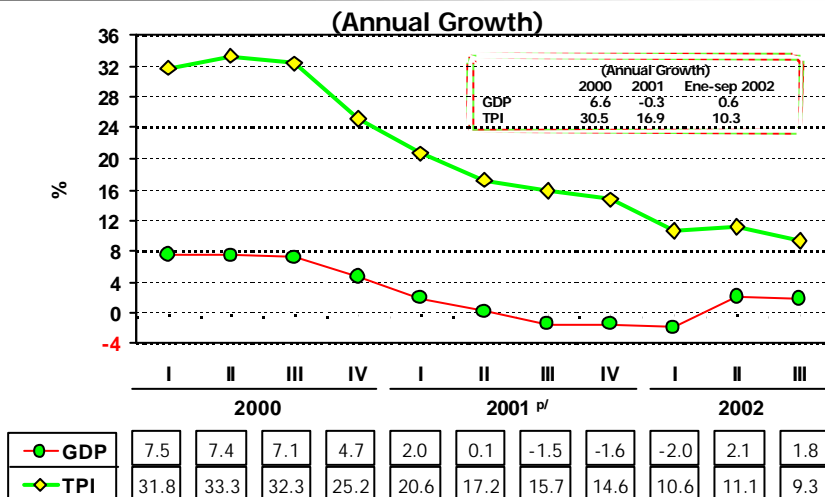
- It is an economic indicator.
- It has a quarterly periodicity.
- It's function is to measure throughout time the total variation of the services of the telecommunications sector.

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GROSS DOMESTIC PRODUCT MEASURED AT 1993 CONSTANT PRICES AND TELECOMMUNICATIONS PRODUCTION INDEX (ITEL)



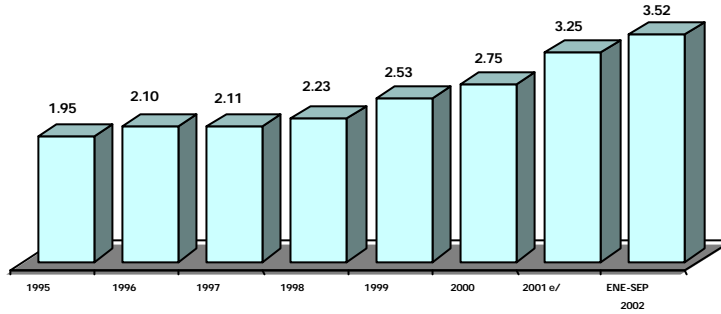
p/: Preliminary.
SOURCE: COFETEL and INEGI.

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GROWTH

TELECOMMUNICATIONS CONTRIBUTION
IN THE GROSS DOMESTIC PRODUCT
(%)



e/ Estimated.

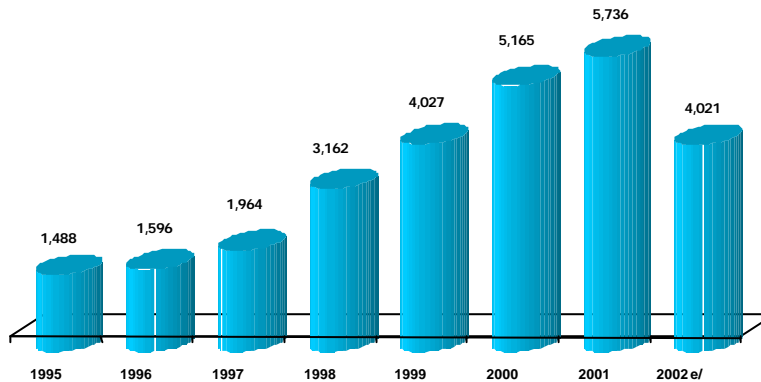
SOURCE: COFETEL and INEGI

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INVESTMENT

INVESTMENT IN THE TELECOMMUNICATIONS INDUSTRY
(Millions of dollars)



e/ Estimated.

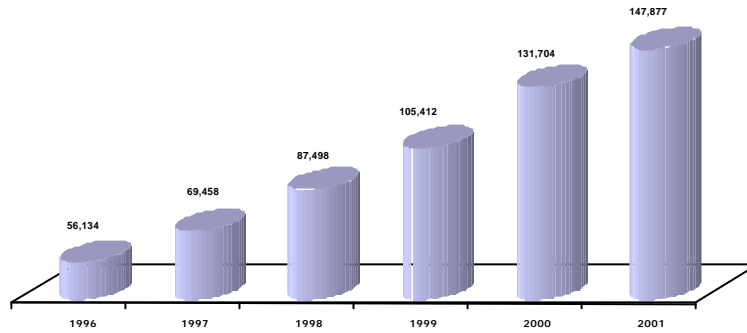
SOURCE: COFETEL.

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INCOME

INCOME OF THE TELECOMMUNICATIONS INDUSTRY
(Millions of pesos)



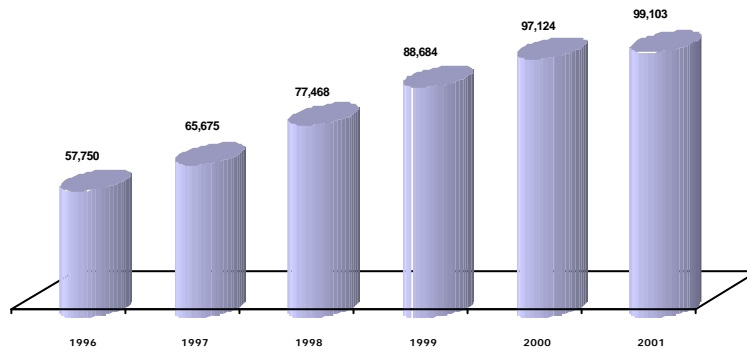
SOURCE COFETEL.

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EMPLOYMENT

EMPLOYMENT IN THE TELECOMMUNICATIONS INDUSTRY
(Employees)



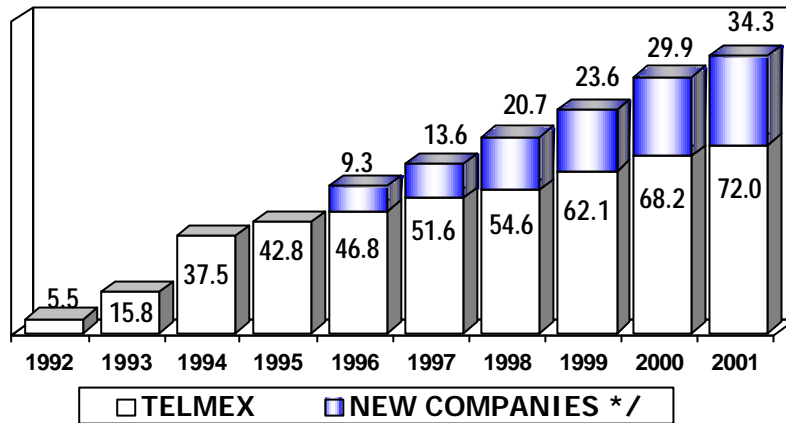
SOURCE COFETEL.

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OPTICAL FIBRE NETWORK

Thousands of kilometers



*: Includes new local and long distance operators.
SOURCE: COFETEL.

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Telephony Indicators

- Fixed Telephone Lines
- Mobile Telephony Subscribers
- Teledensity

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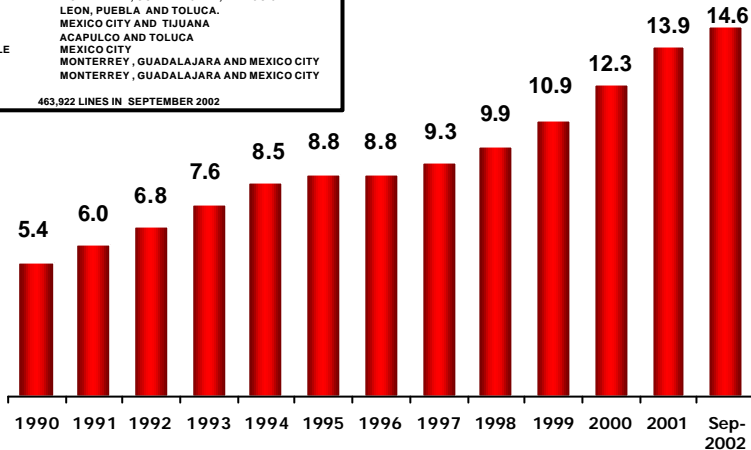
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FIXED TELEPHONE LINES COMPETITION

NEW CONCESSIONARIES	
ENTERPRISE	COVERING
MAXCOM	PUEBLA AND MEXICO CITY
AXTEL	MONTERREY, GUADALAJARA, MEXICO CITY LEON, PUEBLA AND TOLUCA.
PEGASO	MEXICO CITY AND TIJUANA
UNEFON	ACAPULCO AND TOLUCA
MEGACABLE	MEXICO CITY
AVANTEL	MONTERREY, GUADALAJARA AND MEXICO CITY
ALESTRA	MONTERREY, GUADALAJARA AND MEXICO CITY

463,922 LINES IN SEPTEMBER 2002

Fixed Telephone Lines
(Millions)



SOURCE: COFETEL.

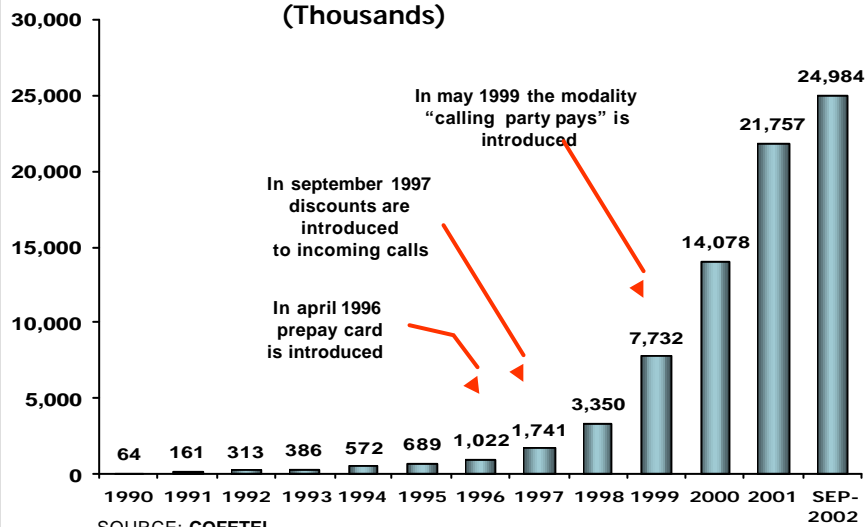
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MOBILE TELEPHONY GROWTH

Mobile Telephony Subscribers
(Thousands)



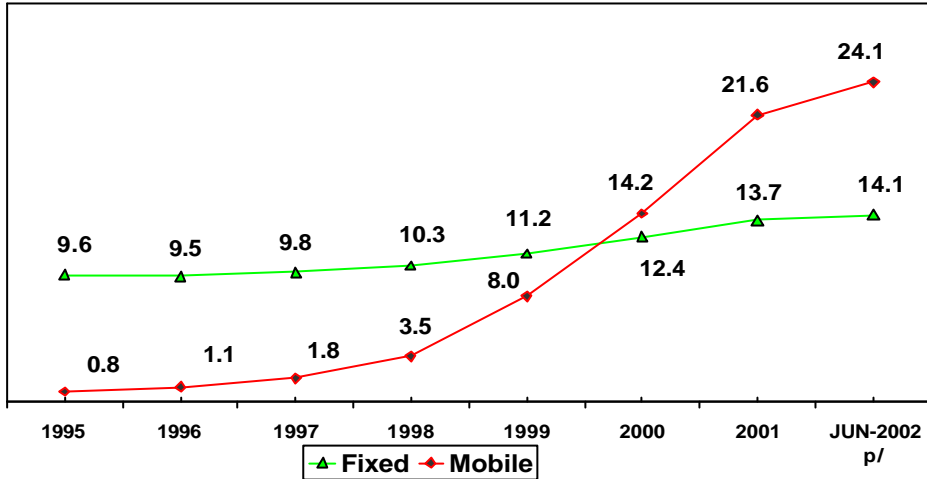
SOURCE: COFETEL.

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FIXED AND MOBILE TELEDENSITY

Telephone Lines Per 100 Inhabitants



p/: Preliminary.
SOURCE: COFETEL.

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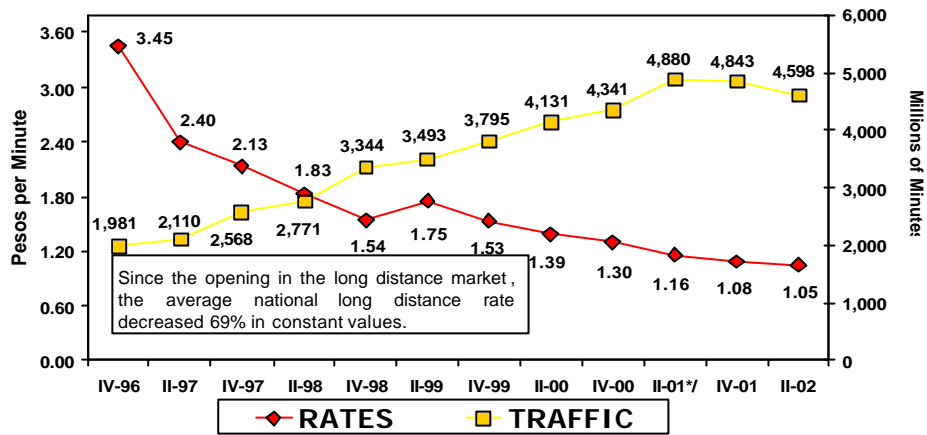
Long Distance Indicators

- National
- International Outgoing
- Incoming and Outgoing Traffic

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NATIONAL LONG DISTANCE

Traffic in Millions of Minutes and Average Rates
Measured at 2002 Constant Pesos of the Second Quarter

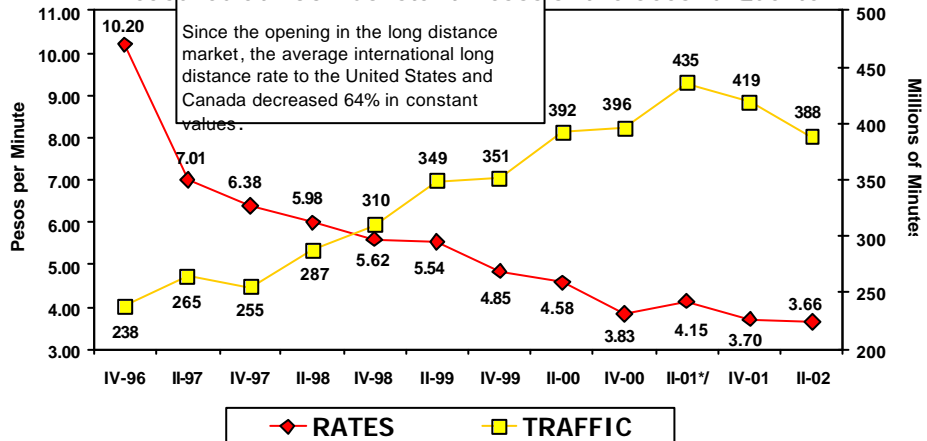


*/ Preliminary.
 SOURCE: COFETEL.

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INTERNATIONAL LONG DISTANCE OUTGOING TO THE UNITED STATES AND CANADA

Traffic in Millions of Minutes and Average Rates
Measured at 2002 Constant Pesos of the Second Quarter

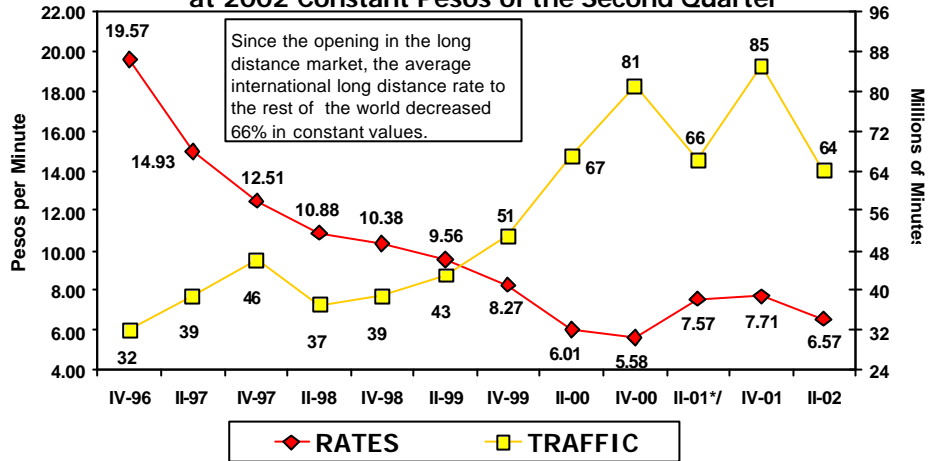


*/ Preliminary.
 SOURCE: COFETEL.

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INTERNATIONAL LONG DISTANCE OUTGOING TO THE REST OF THE WORLD

**Traffic in Millions of Minutes and Average Rates Measured
at 2002 Constant Pesos of the Second Quarter**

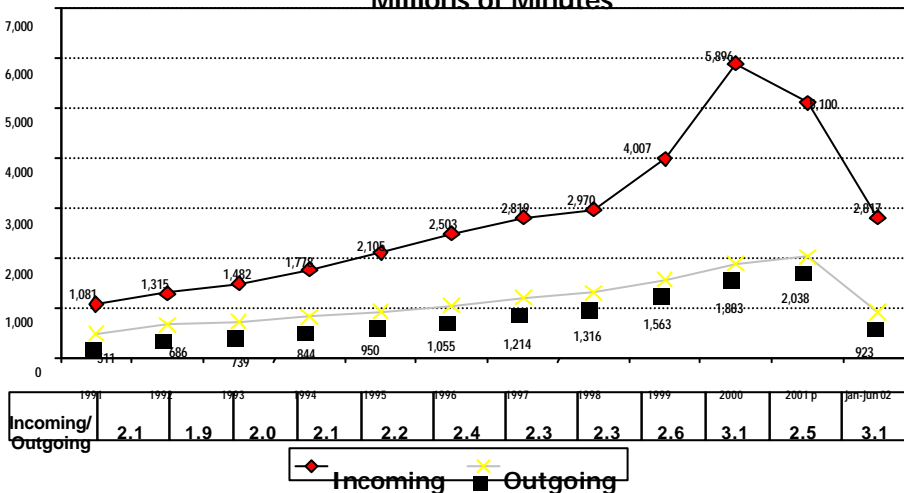


* / Preliminary.
SOURCE: COFETEL.

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INTERNATIONAL LONG DISTANCE INCOMING AND OUTGOING TRAFFIC

Millions of Minutes



p: Preliminary.
SOURCE: COFETEL.

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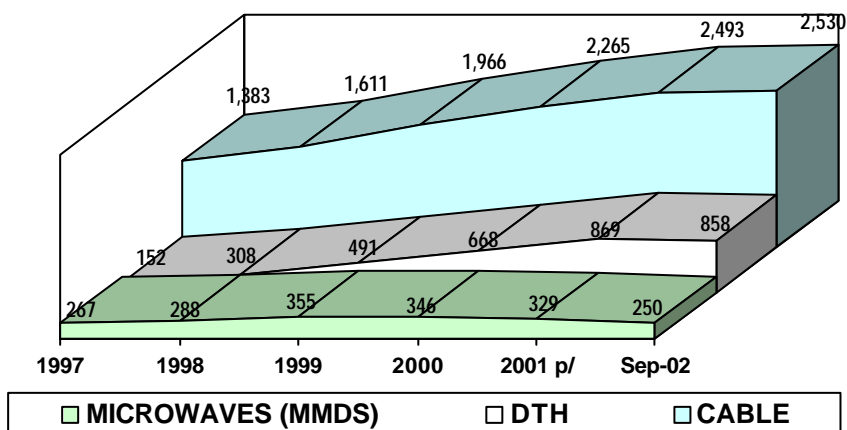
PAY TV

- Cable TV
- Direct to home (DTH)
- Microwave TV (MMDS)

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PAY TV

Thousands of subscribers



p/: Preliminary.
 SOURCE: COFETEL.

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Radiocommunication

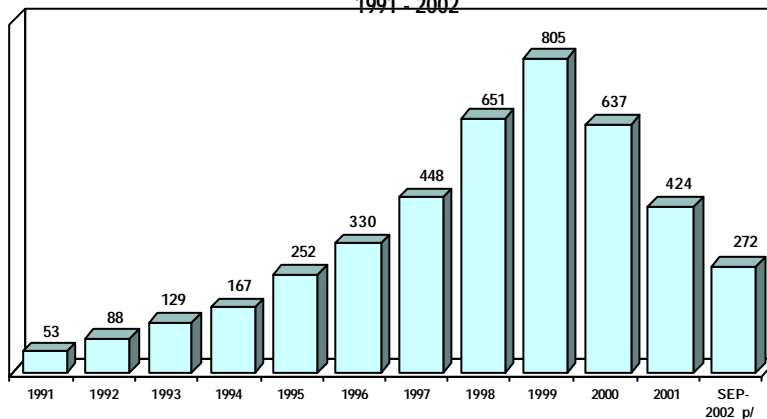
- Paging
- Trunking

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RADIOCOMMUNICATION (Paging)

-THOUSANDS OF USERS-
1991 - 2002



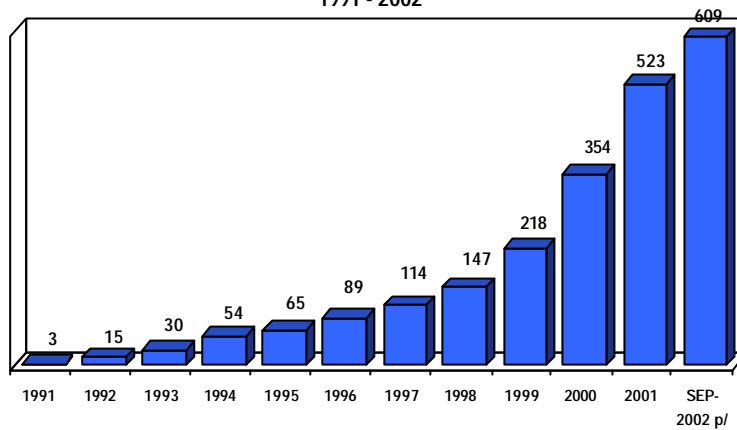
p/: Preliminary.
SOURCE: COFETEL.

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RADIOCOMMUNICATION (Trunking)

-THOUSANDS OF USERS-
1991 - 2002



p/: Preliminary.
SOURCE: COFETEL.

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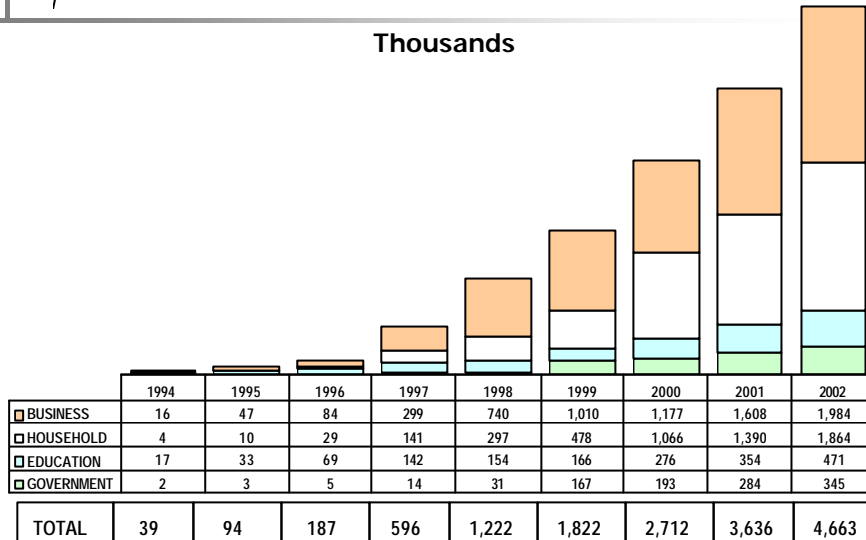
Internet Users

- Business
- Household
- Education
- Government

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ESTIMATED EVOLUTION INTERNET USERS

Thousands



SOURCE: COFETEL and SELECT.

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THE NATIONAL INSTITUTE OF STATISTICS, GEOGRAPHY AND INFORMATICS (INEGI)

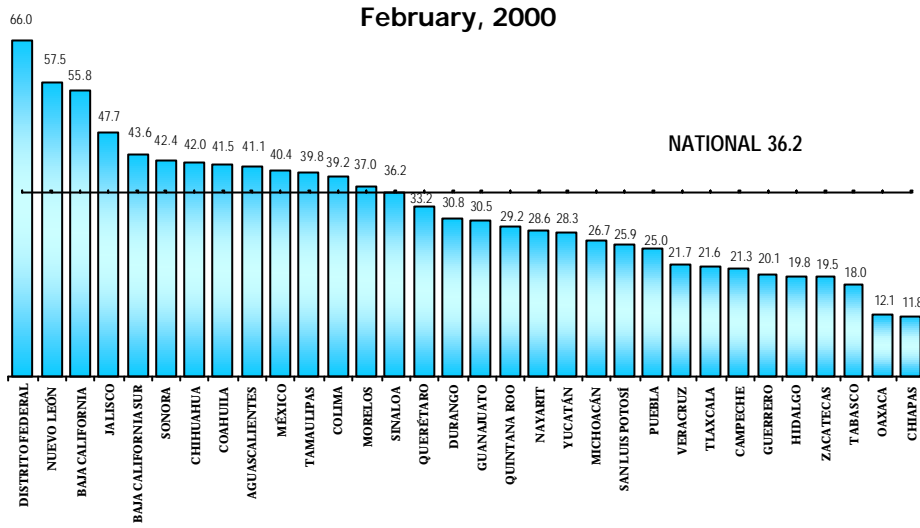
- The INEGI is the agency responsible for integrating Mexico's system of statistical and geographic information, in addition to promoting and orienting the development of informatics in the country.
- INEGI provides many statistics that are generated from the economic, population and household census, as well as different surveys. In the last census in 2000, the statistic related to percentage of households having telephone line, PC or TV, was generated.

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PERCENTAGE OF HOUSEHOLDS HAVING A TELEPHONE LINE



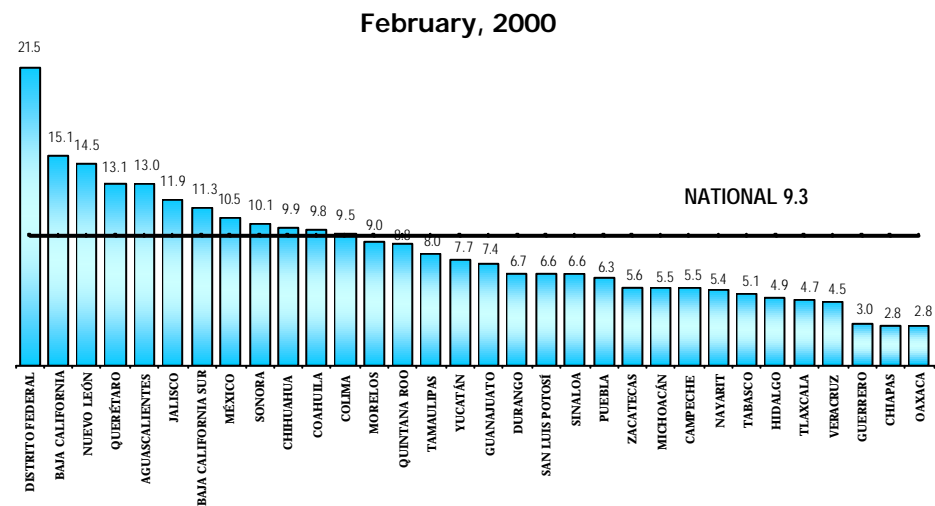
SOURCE: COFETEL and INEGI.

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PERCENTAGE OF HOUSEHOLDS HAVING A PC



SOURCE: COFETEL and INEGI.

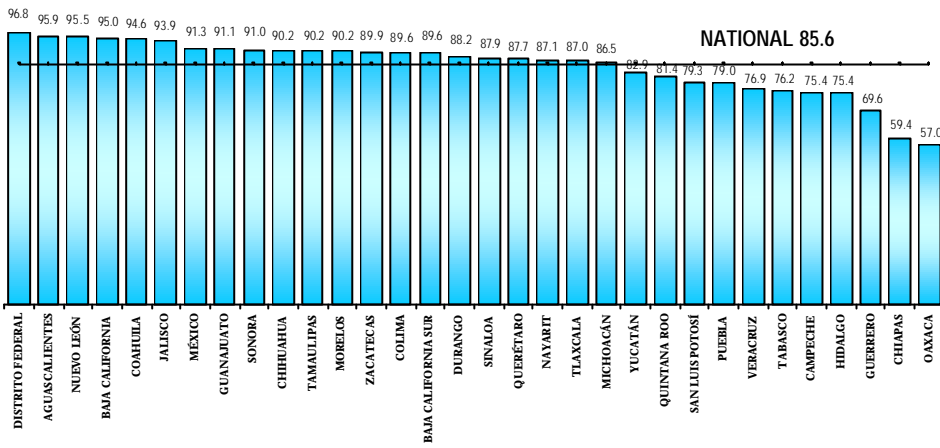
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PERCENTAGE OF HOUSEHOLDS HAVING A TV SET

February, 2000



SOURCE: COFETEL and INEGI.

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http://www.cofetel.gob.mx/frame_economico_estadisticas.html