

# Catalonia *On the Network*

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A n n e x e   t o   t h e   S t r a t e g i c   P l a n

I T   i n   f i g u r e s

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**Catalunya en Xarxa (Pla)**

Catalonia on the Network : strategic plan for the information society

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**Catalonia on the Network: Annexe to the Strategic Plan  
IT in figures**

<http://www.gencat.es/csi>

<http://www.localret.es>

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Explanation of acronyms

ISO International country codes

## Introduction

In presenting what we have provisionally called the Catalan *IT in figures*, we have considered two ways of providing a clear picture of the present situation and the evolution of our country with respect to the Information Society. On the one hand, through the presentation of the indicators that might enable us to measure the degree of penetration of Information Technologies in Catalonia, and on the other hand, by setting out to compile an inventory of information on the projects related with the Information Society (IS) that started or are consolidated in the country. The project inventory is not included in the English version of this document. It can be found in the section "Projectes a Catalunya" (Projects in Catalonia) in the Commissioner's Office for the Information Society web site:

**<http://www.gencat.es/csi/>**

In the framework of the development process of the Strategic Plan for the Information Society "Catalonia on the Network", the statistics about the IS both in Catalonia and throughout the world provided useful guidelines in helping us to define what measures were necessary. Our aim has been to gain a perspective of the present position of Catalonia in the area of the Information Society with respect to other countries. For this reason, work has been undertaken to collate data indicating the degree of penetration of the new Information and Communication Technologies in various countries, while comparing this with the situation in Catalonia.

This annexe contains the indicators employed throughout the implementation of the Strategic Plan for the Information Society "Catalonia on the Network" in each of its areas:

- Information Society Framework
- Infrastructures and basic services
- Industry, commerce and content
- Education and training
- Administration and services to the citizen
- Health care and quality of life
- Society and cultural change

### **Objective:**

The objective of this annexe is, on the one hand, to define the present position in Catalonia, and on the other hand, to establish certain primary elements that will serve as a basis for measuring to what extent the aims marked out by the Strategic Plan have been achieved.

Due to the rapid development of this sector, it is intended that this study should have continuity and be updated every year, so that the evolution of the indicators employed may be monitored. This will serve as a guide for the follow-up process of the Strategic Plan. Furthermore, it is aimed to involve all the social agents in Catalonia in the production of the statistics, in order to ensure that they are of the greatest reliability.

#### **Methodology:**

The statistics presented in this Annexe have been compiled from the Commissioner's Office for the Information Society (CSI), with the extremely valuable collaboration of the Catalan Institute of Statistics, between the end of 1998 and the beginning of 1999. In general, the sources used most to complete the comparative studies have been the Computer Industry Almanac, NUA, ISPO, IDESCAT, etc.

The statistics have been produced according to a particular method described hereunder. The data relating to various countries (for example, the U.S.A., England, Denmark, etc.) have been drawn from European or world sources. Following this, the data relating to Catalonia has been obtained from local sources (IDESCAT, the Institute of Catalan Studies, etc.). Finally, the data relating to Catalonia has been adapted to the criteria applied to the other statistics, in order to obtain comparable data.

As a result of the agreement signed by the CSI with ANIEL, ASIMELEC, the Official Chamber of Commerce, Industry and Shipping in Barcelona, the Catalan Institute of Statistics and SEDISI, statistical data relating to the industrial sector in Catalonia (ICT production and market, number of workers, ICT consumption, etc.) will be collected periodically.

The graphs show two aspects: on the one hand, the comparative static values, and on the other hand, the statistical values that it is hoped will be attained in the short and medium term. These prospective values are shown by arrows in the upper part of the bar graphs.

#### **Proposed Indicators:**

This document therefore proposes a series of indicators for the seven areas of the Strategic Plan that will begin to lay the foundations of an evaluation of the IS in Catalonia. These indicators, which are proposed on a provisional basis, may change with time, or others may added. In the final analysis, this project aims to represent a first initiative.

AREA	INDICATOR
<b>Information Society Framework</b>	R+D activity in the ICT sector Presence of Catalonia on the network
<b>Infrastructures</b>	Telephone lines, and cable and satellite services Penetration of personal computers and the Internet Network accessibility from Libraries Telephone and Internet rates
<b>Industry, Commerce and Content</b>	Volume of ICT business Investment in the ITC sector Number of business incubators and ICT Companies (in the incubators) Volume of electronic transactions and access to Internet in the companies Electronic commerce Volume of business of the audio-visual and multimedia sector
<b>Education and Training</b>	Number of students per computer in schools Percentage of graduates in science and technology Volume of investment in continuous training in the ICT area
<b>Administration and Services for the Citizen</b>	Presence of the Catalan municipalities on the network Presence of content about the administration on the network
<b>Health Care and Quality of Life</b>	Degree of computerisation of the professional health workers Degree of communication and integration of the health agents
<b>Society and Cultural Change</b>	Percentage of teleworkers Presence of civic activity on the network

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