

## **PC-Axis Reference Group Meeting 2007**

### **Report on the Use of PC-Axis** **INE (Spain)**

**Helsinki, Finland**  
**5<sup>th</sup>-7<sup>th</sup> September 2007**

## **1. Use of PC-Axis software**

As regards the storage and circulation of statistical data, the strategy of the INE remains the same as in the past. It is for this reason that the report on the use of PC-Axis software is somewhat similar to those of previous years.

In this sense, we can say that the growing use in the dissemination of tables proceeding from our Tempus 2 Series Bank is not reason enough for us to cease to inform our users that those same tables can be downloaded in PC-Axis format. Thus, the number of PC-Axis tables is still high, even though those tables now come from programs and are no longer “manually” produced with PX-Make.

## **2. Assistance to Organisms interested in PC-Axis**

In the time that has passed since last year’s meeting, and within the framework of our processes of technical assistance to different organisms, both in the Spanish national statistical system and outside of it, as well as within our training areas, we have continued to circulate the possibilities of PC-Axis.

We should therefore point out the following projects that have been carried out:

- Assistance to the Statistics Institute of Canary Islands in implanting the PC-Axis system and the new Jaxi application (equivalent to PX-Web).
- Assistance to SECMCA (Central American economical organism), about our storage and dissemination systems, among which the PC-Axis world was explained to them.
- Assistance to the Cadastre (public Spanish organism), in the implantation of the PC-Axis system.
- Master in Public Statistics from Seville University for the post-graduate training of students in the school of Mathematics, with a subject dedicated to the Dissemination of Statistical Data, in which PC-Axis was obviously mentioned.
- 10<sup>th</sup> –14<sup>th</sup> September 2007, as part of a Seminar on Internet Dissemination for all Latin American countries, the PC-Axis system will be discussed in great detail during one of the sessions.

### **3. Spanish Organisms that Use PC-Axis**

Aside from Eustat (Statistics Institute of Basque Country, which has its own licence for use), and guaranteed by that stipulated in the licence entered into between the INE and the Swedish statistics office, there are several organisms that use the storage and circulation possibilities of PC-Axis tables, either internally or in their Internet version.

- General Council of Judicial Power (organism within the Justice Administration)
- Ministry of Culture
- Ministry of Education and Science
- Andalusia Statistics Institute
- Canary Islands Statistics Institute
- Cadastre (organism dependent on the Ministry of the Treasury)

### **4. Jaxi for PC-Axis (and for Oracle tables)**

In the year 2006, we finished the migration process from our previous application for visualising PC-Axis tables on the web, internally known as Axi, to a J2EE environment (the reason why we call the new application **J**axi)).

In our website contents area we are proceeding with the gradual implantation of said development for each of the subjects of the INEbase topic list, in the hopes that this process will be completed as soon as possible.

Said development can be viewed in production, for example, in: <http://www.ine.es/jaxi/menu.do?type=pcaxis&path=%2Ft12%2Fp401&file=inebase&L=1> (browser screen), and then selecting links with tables from the menu in order to see the remaining Jaxi functionalities.

One example of the new look and feel of this new application can be experienced in the following screens:

## 1.- Browser screen by the INEbase topic list

The screenshot shows the INEbase website interface. At the top left is the INE logo (Instituto Nacional de Estadística) and a search bar. Below the logo is a navigation menu with links for 'INE', 'INEbase', 'CPI', 'Products & Services', 'Press section', and 'Help'. The main content area features a sidebar on the left with a small image of sports equipment and text describing the data source: 'The information source for the data relative to the number of Spanish Licences and Federate Clubs in the Higher Sports Council (Autonomous institution attached to the Ministry of Education and Science). The most updated and complete information is available at: [www.stac.es](http://www.stac.es)'. The main content area is titled 'Culture and Leisure' and contains a 'Sports' section with a 'Results' subsection. Under 'Results', there are two links: 'Annual main results' and 'Methodology summary'. At the bottom of the page, there is a footer with copyright information: '© INE 2007 - Paseo de la Castellana, 133 - 28071 - Madrid - Spain Tel: (+34) 91 503 91 00 - email: [www.ine.es/inebase](mailto:www.ine.es/inebase) Help | Contact INE | Accessibility | Links | Legal Notice | Security Warning'.

## 2.- Screen for selecting tables

This screenshot shows the same INEbase website interface as the first screenshot, but with the 'Sports' section expanded. Under the 'Sports' heading, there are four numbered links: '1.1 Historical dataset of licenses by federation and years', '1.2 Affiliated societies and clubs by federation and years', '1.3 Affiliated licenses by number and AACC, Years 2004-2005', and '1.4 Affiliated clubs by number and AACC, Years 2004-2005'. The footer at the bottom of the page is identical to the first screenshot, providing copyright and contact information for INE 2007.

### 3.- Screen for selecting values



### 4.- Results screen

Year	Disabled persons (1)	Underwater activities	Amusement	Cinema	Attractions	Car parking	Restaurants	Bookshops	Hotels	Bookshops and outlets	Pools	Shopping	
2000	3.438.204	18.828	40.810	7.944	26.440	110.873	14.773	0.480	307.838	82.878	8.819	3.384	42.219
2001	3.030.490	17.488	44.380	8.488	26.060	100.884	15.034	0.298	300.840	84.714	7.000	3.004	19.409
2002	2.976.237	17.834	43.710	7.324	24.000	20.300	10.931	4.346	320.440	94.370	6.276	2.220	12.042
2003	4.709.148	18.833	51.800	4.808	20.880	20.000	10.810	0.810	364.227	88.188	6.700	3.470	60.000
2004	2.500.704	18.828	54.807	0.810	20.000	18.810	14.704	4.409	373.254	80.397	1.700	3.000	0.000

### 5.- Jaxi screen for tables generated with Tempus 2 series



URL for this screen: <http://www.ine.es/jaxi/menu.do?L=1&divi=IPC&his=4&type=db>

Jaxi serves three purposes:

- To browse the topic list, which has the statistical operations.
- To select PC-Axis table values, access the results screen, and export them to different types of files.
- To consult, select and export data from tables generated from our Tempus 2 series bank (RDBMS Oracle) as a set of series.

In fact, as we mentioned in the last point above, since July of this year (2007), Jaxi also shows tables extracted from our Tempus 2 Series Bank, with an appearance and services that are exactly the same as those that are available to view PC-Axis tables.

We must remember that our statistical data storage system is comprised, on the one hand, of series stored in our Tempus 2 time series bank, and on the other hand, of tables (PC-Axis, or tables generated from Tempus 2 as sets of series ).

Likewise, we can point out that both the Jaxi application, and the header and footer that appear on the pages of said application, have been designed for the purpose of achieving an accessibility level of at least WAI-AA, when it has been possible for us.

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