



**Plan for measures to encourage
Reusing Information
Year 2013
National Statistics Institute**

Madrid, January 2013

National Statistics Institute

Head of the institution: Gregorio Izquierdo Llanes

Index

1	Antecedentes	3
---	--------------	---

2	Identificación y selección de la información reutilizable	5
---	---	---

3	Procedimiento de preparación de conjuntos de datos	6
---	--	---

4	Condiciones de reutilización	7
---	------------------------------	---

5	Disño y gestión del espacio web dedicado	8
---	--	---

6	Publicación y mantenimiento de los datos reutilizables	10
---	--	----

7	Medidas de evaluación y mejora de la calidad en la reutilización y fomento del consumo de los mismos.	11
---	---	----

	Anexo 1: Plan de trabajo 2013	12
--	-------------------------------	----

1 Background

The National Statistics Institute is an independent institution, with legal personality and capital gains, attached to the Ministry of Economy and Competitiveness via the Secretariat of State for the Economy and Business Support. It is basically governed by Law 12/1989, of 9 May, on Public Statistical Services (LFEP), regulating statistical activity for state purposes, which is the sole jurisdiction of the State, and by the Statute passed by Royal Decree 508/2001, of 11 May.

The Law assigns the National Statistics Institute a key role in public statistical activity, expressly charging it with conducting wide-scale statistical operations (demographic and economic censuses, national accounts, demographic and social statistics, economic and social indicators, coordination and maintenance of the business directories, compilation of the Electoral Census, etc.).

In addition, the law attributes the following functions to the INE: the formulation of the Project of the National Statistical Plan, in partnership with the Ministerial Departments and the Bank of Spain; the proposal of common rules regarding concepts, statistical units, classifications and codes; and the relations in statistical issues with specialised International Institutions, and in particular, with the Statistics Office of the European Union (Eurostat).

In the context of the General State Administration, Law 37/2007, of 16 November, regarding the Reuse of Information from the Public Sector regulates the re-use of documents compiled or held by public-sector Administrations and institutions. Moreover, Royal Decree 1495/2011, of 24 October, developing Law 37/2007, of 16 November, establishing the obligations of the public-sector administrations and institutions promoting reuse.

Due to the nature of its activity, the National Statistics Institute must collect, process and analyse considerable quantities of data. Traditionally, the most important information derived from this data has been made available to citizens via print publications.

In 1996, the INE launched its first website, and since then, this institutions has worked toward making the information from the statistical operations that it conducts available for all users, complying with the quality standards required of official results, and strictly observing the principle of statistical confidentiality.

Along these lines, supported by the intensive use of new information and communication technologies, the INE has progressively expanded the possibilities of the information published, offering new formats that user may download from the website.

The statistical information that is published on the website has also changed its licence for use, currently enabling the reuse of public statistical data, for both commercial and non-commercial purposes, pursuant to Law 37/2007, of 16 November, and Royal Decree 1495/2011, of 24 October.

Nonetheless, it is necessary to formalise and books the work that is carried out in the National Statistics Institute regarding reuse, ensuring the best alignment with other initiatives of the General State Administration, and to this end, this Plan for Measures to Encourage the Reuse of Information from the Public Sector (RISP).

Organisation

The Presidency of the INE is formally the coordinating body of the reuse activities, pursuant to article 3.1 of Royal Decree 1495/2011, of 24 October.

The monitoring of the activities described in this plan shall be carried out by the Directorate General for Planning, Coordination and Statistical Dissemination, and these tasks shall be performed by the Subdirectorate General for Statistical Dissemination.

All INE units shall participate in the identification and cataloguing of the documents subject to reuse in the institution, and in the response to queries received on the subject.

Annex 1 describes the work plan set out in the first year, for the implementation of the RISP plan.

2 Identification and selection of reusable information

The National Statistics Institute holds information that is subject to statistical secrecy, according to the LFEP, and for this reason, the sets of data from which, due to their level of detail, any individual identification may be deduced - on persons, companies or institutions - are considered to be non-reusable for the purposes of this RISP Plan, pursuant to article 3 of Law 37/2007, of 16 November.

As is stated in said law, a broad concept of document is considering, including sets of data or applications:

"A document is understood to be any information, regardless of its material or electronic format, as well as regardless of its expression, whether graphic, sound or image. For these purposes, computer programmes that are protected by applicable specific legislation shall not be considered documents" (Law 37/2007, article 3.2, second paragraph)

As for identifying reusable documents in the INE, these shall be classified as one of the following types:

- Type 1: Documents produced by the INE and/or in which the INE might appear as the original source due to owning the copyright, published on the INE website.
- Type 2: Documents produced by the INE and/or in which the INE might appear as the original source, and which are not currently published and/or are not electronically accessible.
- Type 3: Documents held by the INE, even if the INE is not the original source, and which may be subject to reuse because the intellectual property rights or the paperwork carried out on these rights permit reuse.

Given the considerable amount of resources that must be classified, we shall begin with those documents classified as type 1, and within them, by those that experience the most demand by users.

The data sets made available to users for reuse shall be included in the catalogue datos.gob.es and in a new space dedicated to them on the INE website: www.ine.es/datosabiertos.

3 Procedure for preparing data sets

The INE carries out the actions necessary for adapting all of the reusable documents from the systems storing them to formats that enable their reuse.

Specifically, the data sets consisting of statistical information published on the INE website shall be represented in at least one of the following formats: XML, CSV, Excel, PcAxis, SDMX, JSON.

Other publications may be made available in HTML or PDF format; notwithstanding, as the available resources so permit, they may be represented in formats that are more adequate for reuse.

The INE shall ensure the use of methods that enable the extraction of reusable information by automatic procedures, via API or web services.

4 Conditions for reuse

According to the basic access modality for reuse established in article 8.1 of Royal Decree 1495/2011, of 24 October, the following conditions are applicable to the reuse of the information that the INE makes available to the public on its website:

"The information contained in this website comes from several sources, and therefore, the INE only authorises the reuse of that information whose original source is the INE itself, and only under the following general conditions:

- It is expressly prohibited to denaturalise the sense of the information.*
- The source of the target information of reuse must be cited. This citation may be carried out as follows: Source: INE website: www.ine.es.*
- This must mention the date of latest updating of the target information of reuse, so long as it is included in the original.*
- It may not be indicated, insinuated or suggested that the INE participates, sponsors or supports the reuse carried out with the information.*
- The INE shall not be held responsible for the use made of the information by reutilising agents. The INE shall not be held responsible for material damages or damage to data, nor for possible economic damage caused by the use of the reutilised information."*

These same conditions shall be applied in general to the INE documents that are reutilised, with the exceptions that, duly justified, are accompanied by special conditions that shall be established in each case, and that pursuant to article 4 of Law 37/2007, of 16 November, the following criteria shall be respected:

- They shall be clear, fair and transparent.
- They shall neither restrict the possibilities of reuse nor limit jurisdiction.
- They shall not discriminate for comparable categories for reuse.
- They shall be available in digital format, and they shall be electronically processable.

In these cases, a prior request shall be required for their possible reuse.

5 Design and management of the dedicated web space

The INE website shall have a space dedicated to the reuse of the information, whose link shall be: www.ine.es/datosabiertos.. Within this space, those documents from the institution that are subject to reuse, and which therefore are included in the catalogue of reusable data existing in the datos.gob.es portal shall be related via an index.

For each document included in the catalogue, www.ine.es/datosabiertos, a link shall be established with the corresponding file of the portal, datos.gob.es, where it will be possible to view all of the information relating to the available formats, the reuse conditions for each document, the date for the update and any other complementary information necessary for a better comprehension and processing of the documents.

The INE shall always maintain the information contained in the file for each document updated, indicating the date of the latest revision of each file in the INE web space dedicated to reuse.

The file for each data set shall contain the following information:

1. Name of the data set
2. Description of the data set
3. Subject/Category
4. Labels or key words associated with the data
5. Publication date
6. Date of the latest update
7. Language
8. Body presenting and publishing the data
9. Conditions for use/reuse
10. URL for access to the data set
11. Format in which the document is represented
12. Additional information

In order to provide access to resources and maintain the structure of the addresses for access to data over time, a friendly scheme shall be designed for the identification of the reusable sets. For this task, the Subdirector General for Statistical Dissemination shall seek the most appropriate name for each document, adapting to the following recommendations of the Interoperability Technical Regulations (currently in draft stage):

- Use of a URI composition structure that is consistent, extendable and persistent. Following some construction patterns.

- Monitoring of a comprehensible and significant composition structure.
- Fulfilment of the principle of persistence.
- Selection of short alphanumeric identifiers that are unique, representative, intuitive and semantic.
- Use of the lower case, except when it is recommendable to use the upper case in the first letter of a word.
- Elimination of any symbol that is not alphanumeric (hyphens, accents, diereses and remaining punctuation marks), except the hyphen (-).
- Elimination of conjunctions and articles, in the event that words need to be separated, the hyphen (-) shall be used.
- Avoid the use of abbreviations, except in the case of extensive use.

In accordance with the above recommendations, the URLs shall adopt the following scheme:

www.ine.es/datosabiertos/{catálogo}/{conjunto de datos}

6 Publication and maintenance of reusable data

The data sets that may be subject to reuse shall be maintained updated on the INE website with the most recent information that feeds the databases.

Each time that a new data set subject to reuse is detected, it shall be included in the INE website immediately, reflected in the www.ine.es/datosabiertos index, and simultaneously registered in the catalogue of reusable information, datos.gob.es. Likewise, when a data set disappears or ceases to be reusable for any reason, both the index and the catalogue shall be modified instantly. The procedure shall be the same for the possible modifications that might affect a data set, always maintaining total coherence between the information presented in www.ine.es/datosabiertos and in datos.gob.es.

In order to achieve the best knowledge and possibilities for use, the reutilising agents, and in general, any user, may subscribe to the new channel that shall be provided so as to inform on new data included in the catalogue.

7 Measures for evaluation and improvement of quality in reuse and encouragement of the consumption thereof

In the presentation file of each data set included in the catalogue, datos.gob.es, there is a section where users may make comments. Moreover, the space dedicated to reuse on the INE website, www.ine.es/datosabiertos, shall provide a form that users may use to submit suggestions to the INE.

All comments and suggestions received in either of the above manner shall be answered within a period no longer than three days. To the extent to which user suggestions relating to new data sets are productive, if they are found to be viable following a study thereof, they will be included in the catalogue.

Meetings shall be organised with users interested in reutilising data, for the purpose of revealing the potential use and applications to be developed with the information made available.

An internal communication technical session shall be held regarding the INE RISP Plan, within the framework of the activities promoted by the School of Statistics of the Public Administrations.

An annual report shall be prepared of those activities related to the reuse of INE information, including indicators on the use of the resources made available in section www.ine.es/datosabiertos.

Annex 1: 2013 Work plan

The following calendar is proposed:

- In the first quarter of 2013, the INE shall update the Public Information Catalogue with the data relating to at least five documents, which shall be those registering the greatest demand among users.
- In the first quarter of 2013, a space in the website shall be dedicated to the reuse of the data made available.
- In the first quarter of 2013, the INE will have a minimum of 20 documents declared reusable.
- During the year 2013, work will be done to improve the formats for all documents declared to be reusable.
- At the end of 2013, services providing automatic access to the data most frequently demanded by users will be implemented.