

Cuenta Satélite de la Cultura en España
(Base 2008)
Satellite Account on Culture in Spain
(Base 2008)

¿ QUÉ ES LA CUENTA SATÉLITE DE LA CULTURA EN ESPAÑA?

What is the Satellite Account on Culture In Spain?

- **Estadística oficial anual incluida en el Plan Estadístico Nacional**
Annual Official Statistics included in the National Statistics Plan
- **Operación estadística de síntesis que permite determinar la participación de la cultura en las estimaciones proporcionadas por el Sistema de Cuentas Nacionales**
Statistical Operation of synthesis which estimates the contribution of culture to the estimations provided by the National Account System.
- **Estadística con alto valor añadido al utilizar información estadística oficial ya existente en su elaboración**
High value added statistics arising from the use in its elaboration of existing official statistical information
- **Elaborada por el Ministerio de Educación, Cultura y Deporte, cuenta con la colaboración en aspectos metodológicos del Instituto Nacional de Estadística**
It is elaborated by the Ministry of Education, Culture and Sport with the collaboration on methodological aspects of the National Statistics Institute of Spain

¿ POR QUÉ UNA CUENTA SATÉLITE DE LA CULTURA?

Why a Satellite Account on Culture?

- **Para valorar la importancia de la cultura sobre el conjunto de la economía española a través de indicadores económicos oficiales**
To measure the importance of culture in the Spanish economy through official economic indicators
- **Poner de manifiesto el protagonismo económico de la cultura y disponer de indicadores que permitan evaluar su evolución**
To highlight the economic dimension of culture and provide indicators to measure its evolution
- **Dar respuesta a las Recomendaciones del Consejo Superior de Estadística**
To respond to the Recommendations of the Higher Statistical Council
- **Por considerar que el Sistema de Cuentas Nacionales es el marco idóneo al ofrecer una representación cuantificada de forma sistemática, completa y fiable del funcionamiento del sistema económico español**
The National Account System is a suitable framework to provide a complete, reliable and systemic quantified representation of the functioning of the Spanish Economic System as a whole

¿ CÓMO SE REALIZA LA CUENTA SATÉLITE DE LA CULTURA?

How is the Satellite Account on Culture elaborated ?

- **Elección del marco de referencia metodológico y de cálculo de estimaciones: Contabilidad Nacional de España (CNE) Base 2008 elaborada por el INE**
Selection of the methodological and estimation reference framework: Spanish National Accounts. Base 2008 elaborated by the NSI of Spain
- **Delimitación teórica del ámbito de investigación y traslado al lenguaje estadístico: clasificaciones oficiales**
Theoretical delimitation of the scope of research and translation into statistical language: official classifications
- **Selección de actividades y productos de CNE en los que se observa presencia de la cultura y desglose de los datos CNE a través de estadísticas oficiales complementarias**
Selection of activities and products of the SNA in which there is a presence of culture and disaggregation of the indicators provided by the Spanish National Accounts by complementary official statistical sources
- **Elaboración de un conjunto de cuentas y tablas, considerando la perspectiva de la oferta, que permite valorar las principales magnitudes macroeconómicas de las actividades culturales y la aportación al PIB que corresponde a estas actividades.**
Elaboration of a set of accounts and tables, taking into account the perspective of the supply, which enables the estimation of the main macroeconomic indicators of the cultural activities and the contribution of these cultural activities to the Gross Domestic Product of the spanish economy.

Clasificaciones y fuentes estadísticas oficiales

Classifications and official statistical sources

OFFICIAL CLASSIFICATIONS

National Classification of Economic Activities (**CNAE 2009**); National Classification of Products by Activities (**CPA-2008**); Classification used in **Spanish National Accounts** base 2008 which considers the double perspective of economic activity and product.

List of Products of the European Community (PRODCOM); Classification of the Functions of Government (COFOG); Classification of Individual Consumption by purpose (COICOP/HBS); Combined Nomenclature (CN); Classification of activities in the Economic Activities Tax for the Tax Statistics (IAE)

Operation of high added value derived from the use of existing statistical information for its elaboration, this is a characteristic of a synthesis operation, as is the case of National Accounts.

It takes as a **reference** the statistical operation elaborated by the NSI of Spain

Spanish National Accounts. Base 2008

The Input Output Framework (MIO) is used to calculate the estimations

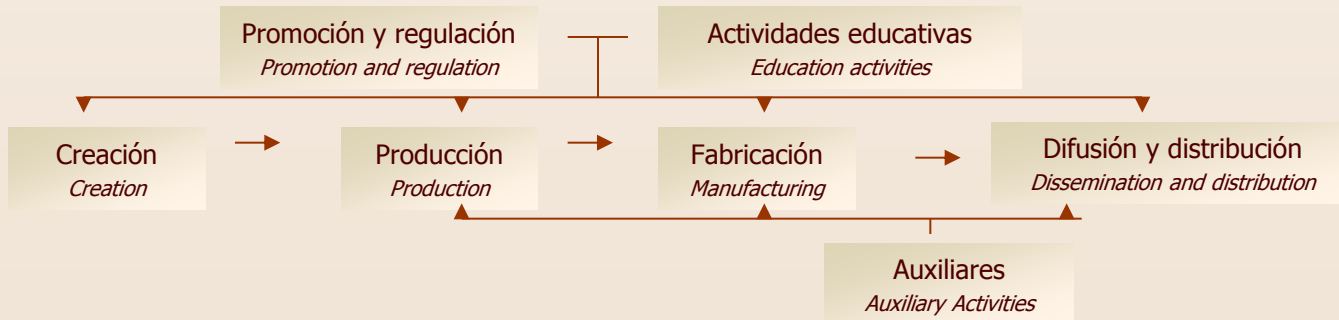
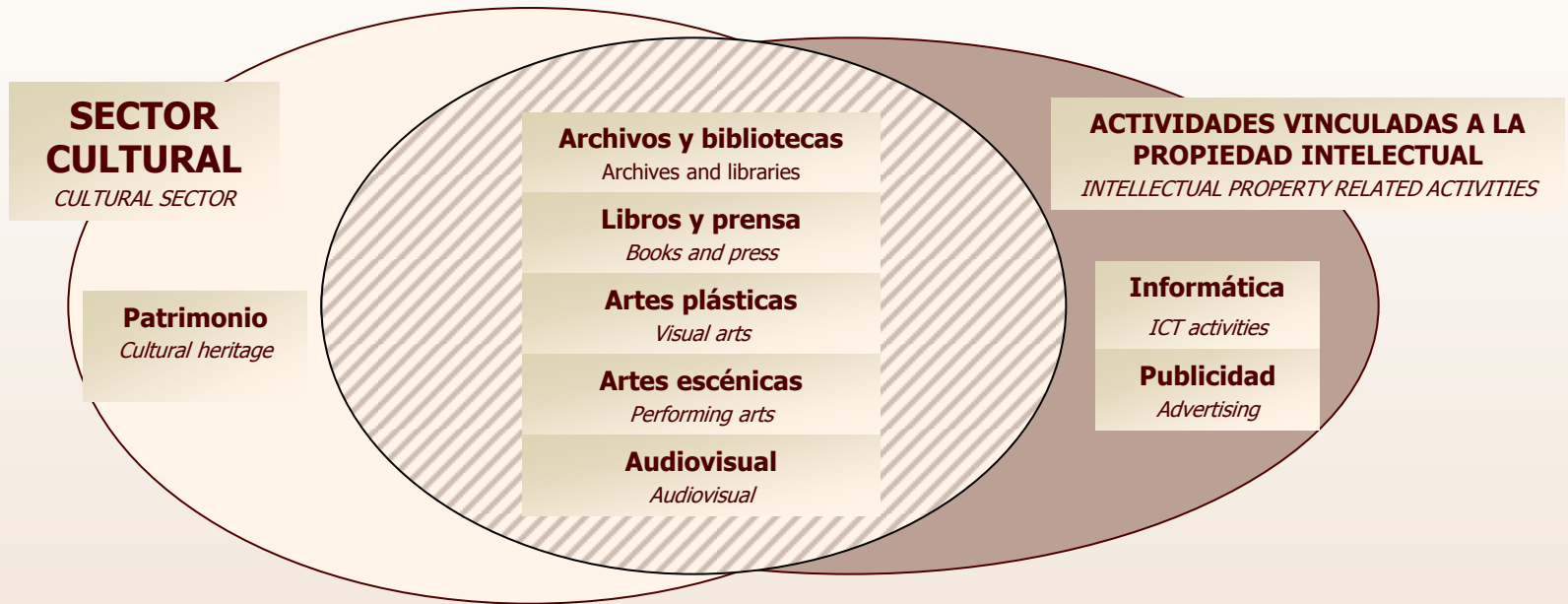
STATISTICAL SOURCES

Additionally, multiple complementary sources are used to set the proportion of the SNC which corresponds to the field:

Surveys on companies and products elaborated by the NSI (Industry, Trade and Services); Surveys on Foreign Trade, Accounts of the Public Administration, Tax Sources, (Spanish State Tax Authorities); Statistics on Public Expenditure and Financing on Culture (Ministry of Education, Culture and Sport); Statistics on Public Expenditure on Education (Ministry of Education, Culture and Sport); Survey on Economically Active Population (NSI); Survey on Household Budget (NSI); Balance of Payment (BDE)

The elaboration of the project depends on the availability of information, and sometimes on their absence; **open to the incorporation of new sources or breakdowns**

ÁMBITO DE ESTUDIO *AREA OF RESEARCH*



METODOLOGÍA

METHODOLOGY

The objective is to design **a method to assess**, in economic and homogeneous terms over time, the selected macroeconomic magnitudes, Production Account and Generation of Income Account, of the cultural activities from the Spanish National Accounts and set the contribution of these activities to the GDP

Disaggregating the indicators provided by the Spanish National Accounts by additional information, we will try to identify the part of the production of products of the National Account which is linked to culture, and the share of Gross Value Added (and the other quantities) of each branch of activity of the national accounts generated by culture.

Election of the framework for calculating estimates

Selection of activities and products of the SNA in which there is a presence of culture

Selection of complementary statistical sources which allow to disaggregate the results of SNA

General calculation method: using complementary sources we will obtain the part of the production (and the other quantities) related to culture.

$$V_{rc}^{MIO} = \frac{V_r^{MIO}}{V_r^{OF}} * V_{rc}^{OF} = CCV_{rc}^{MIO} * V_{rc}^{OF}$$

Estimation of the production for the selected branches

Estimation of Intermediate Consumption related to the branches of activities production

Estimation of the Value Added related to the branches

Estimation of taxes on products

Estimation of GDP

METHODOLOGY

Aportación al VAB y al PIB del conjunto de la economía española.

Contribution to the GVA and GDP of the Spanish economy

	2008	2009	2010(P)	2011(P)	Average
Actividades culturales. <i>Cultural activities</i>					
En porcentaje del VAB <i>As a percentage of GVA</i>	3,0	2,9	3,0	2,9	2,9
En porcentaje del PIB <i>As a percentage of GDP</i>	2,8	2,8	2,8	2,7	2,8
Actividades vinculadas con la propiedad intelectual. <i>Intellectual property related activities</i>					
En porcentaje del VAB <i>As a percentage of GVA</i>	3,7	3,7	3,8	3,7	3,7
En porcentaje del PIB <i>As a percentage of GDP</i>	3,6	3,6	3,6	3,5	3,6

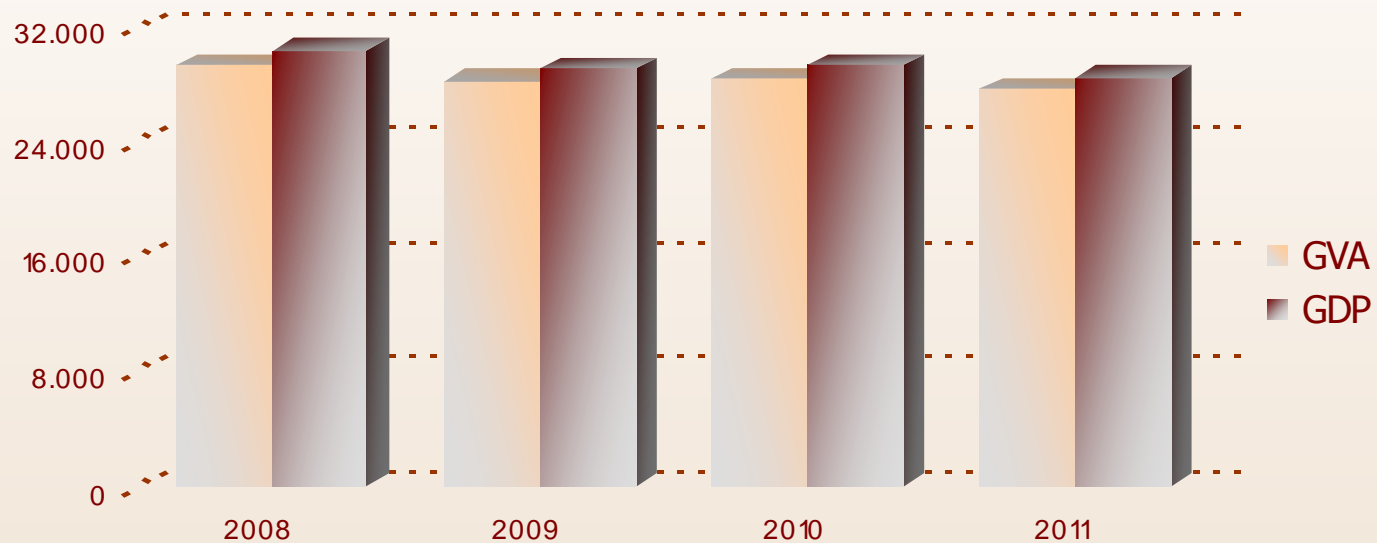
Fuente: Ministerio de Educación, Cultura y Deporte. Cuenta Satélite de la Cultura en España

(P) Estimación provisional

Evolución del VAB y del PIB de las actividades culturales

GVA and GDP of cultural activities

(Valores absolutos en millones de euros)
(Absolute values in millions of euros)

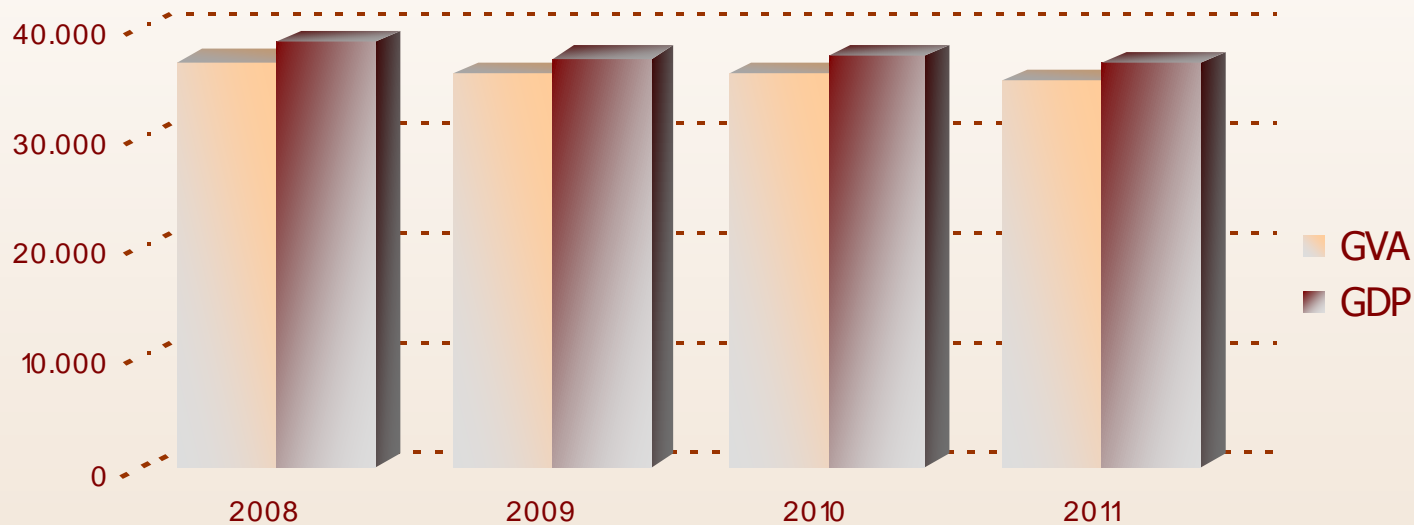


Fuente: Ministerio de Cultura. Cuenta Satélite de la Cultura en España

Evolución del VAB y del PIB de las actividades vinculadas con la propiedad intelectual

GVA and GDP of the intellectual property related activities

(Valores absolutos en millones de euros)
(Absolute values in millions of euros)



Fuente: Ministerio de Cultura. Cuenta Satélite de la Cultura en España

Participación en el VAB total de ramas de actividad y de las actividades culturales y vinculadas con la propiedad intelectual.

Contribution of Cultural sector and Intellectual Property related activities to the GVA

As a percentage of Total Gross Value Added	2008	2009	2010(P)	2011(P)	Average
Agriculture	2,5	2,4	2,6	2,5	2,5
Industry	16,9	15,5	16,6	17,1	16,5
Construction	13,6	13,0	10,7	9,5	11,7
Services	67,0	69,2	70,2	70,9	69,3
TOTAL	100	100	100	100	100

As a percentage of Total Gross Value Added	2008	2009	2010(P)	2011(P)	Average
Cultural activities	3,0	2,9	3,0	2,9	2,9
Intellectual Property related activities	3,7	3,7	3,8	3,7	3,7

As a percentage of Total Gross Value Added	2008	2009	2010(P)	2011(P)	Average
Manufacture of foods products, beverages and tobacco products	2,4	2,4	2,5	2,6	2,5
Manufacture of chemical	0,9	0,8	1,0	1,1	0,9
Telecommunications	1,9	1,9	1,9	1,8	1,9
Financial and insurance activities	5,4	5,9	4,6	4,2	5,0

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<http://www.mcu.es/estadisticas/MC/CSCE/index.html>

Anuario de Estadísticas Culturales en España

Yearbook of Culture Statistic in Spain

<http://www.mcu.es/estadisticas/MC/NAEC/index.html>

Culturabase, (database online)

<http://www.mcu.es/culturabase/cgi/um?M=/t22/p22b&O=culturabase&N=&L=0>