

Satellite Account on Culture in Spain

Ministry
of Culture
and Sport

Advance results for 2015-2021
(*SNA Revision 2019*)

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Satellite Account on Culture in Spain *Introduction and brief methodological reference*

Definition of scope

Main results. Methodological revision 2019

- *Evolution of GDP and GVA*
- *Comparison with other sectors of the economy*

Annual series 2015-2021

Introduction and brief methodological reference

The following is an advance of the results obtained in the Satellite Account on Culture in Spain (SACS), adapted to the methodological revision 2019 adopted in National Accounts (SNA Revision 2019). In the interpretation of the results from the year 2020 onwards, the effects of the COVID-19 crisis should be considered.

The SACS is an annual statistical operation within the National Statistics Plan, drawn up by the Ministry of Culture and Sport. The central aim of this Satellite Account is to provide an economic information system, designed as a satellite of the main system of Spanish National Accounts (SNA), which enables to estimate the impact of culture on the Spanish economy as a whole. The National Statistics Institute (NSI), responsible for the Spanish National Accounts, collaborates in certain methodological aspects.

The key point of the methodology is to take as reference the supply and use tables of the SNA and, basing on them and complementary sources, estimate the part corresponding to cultural activities and those linked to intellectual property. The choice of the National Accounts System as a research framework responds to its undoubted importance as a mechanism that provides a systematically quantified, complete and reliable representation of the performance of the Spanish economic system.

The Satellite Account on Culture would not be possible without the availability of a wide range of statistical operations belonging to the National Statistics Plan, specifically devoted to culture or otherwise, which provide the information needed for its preparation, either directly or through specific operations that enable us to approach the cultural context. Consequently, it is an operation of high value added, derived from the use of existing official statistical information, which is characteristic of a synthesis operation of this type, precisely the same as the National Accounts.

The statistical operation responded to the recommendations of the High Council on Statistics, which dealt with the need to develop and put into practice methodologies that would enable the effects of culture on society and the economy to be measured, enhancing the statistics that related it not only to social benefits but also to its contribution to the economy.

Specifically, it recommended the creation of satellite accounts for various industries, explicitly including the cultural sector, as an indispensable instrument for completing the national accounts.

The SACS is subject to constant evaluation and incorporation of the improvements arising from methodological or official classifications changes. In this regard, the advance results for the period 2015-2021 have been calculated considering the methodological revision 2019 adopted by National Accounts, the official classifications of activities and products and the works related to the delimitation of the cultural scope conducted by UNESCO and EUROSTAT.

The general approach to the definition of the scope of study is presented below, together with the main indicators for the period 2015-2021¹ one of the most important of which is the priority goal of research: the contribution of culture and intellectual property related activities to the Gross Domestic Product (GDP) of the economy. These results, as well as details of the methodological aspects of the SACS, can be consulted in the section on this statistical operation at <http://www.culturaydeporte.gob.es>.

¹ The results for the year 2021 are provisional.

Definition of scope

The existence of activities related to culture and intellectual property, which are essential to understand the creative industries as a whole, means that this analysis has to cover two areas of research. Therefore, the Satellite Account on Culture in Spain provides information related both to the area of culture and on activities related to intellectual property. Specifically, the following sectors are considered as within the scope of culture:

Heritage. Includes activities related to the management and use of elements of cultural heritage, such as historical monuments, archaeological sites, natural heritage and museums, generated as a result of their opening to the public.

Archives and libraries. Includes activities related to archives and libraries.

Books and press. Includes activities related to books, press and periodicals in various formats.

Visual arts. This category includes activities related to painting, sculpture, photography, design and architecture.

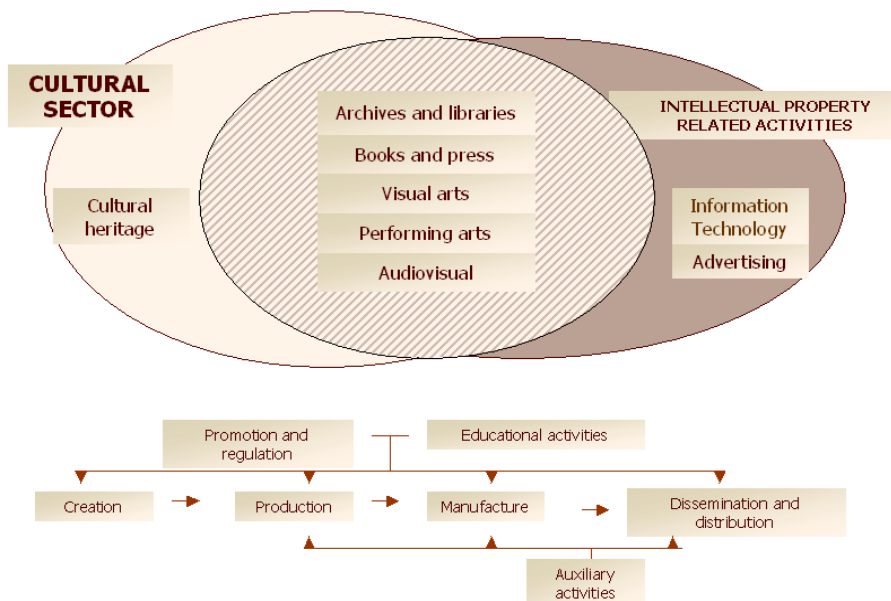
Performing arts. Includes the various forms of live theatrical performances, such as theatre, opera, zarzuela (light opera), dance and concerts, whether of classical or popular music.

Audiovisual and multimedia. Includes activities connected to films, video, recorded music, television and radio, and other audio-visual formats.

Interdisciplinary. Includes activities that cannot be classified due to insufficient statistical information.

Complementary to determining the sectors, the activities in each of them are analysed, distinguishing different phases based on the stages of the production, reproduction and distribution chain of cultural goods and services. The following are considered:

SECTORS AND PHASES CONSIDERED IN THE CULTURAL SCOPE



Creation. Includes activities related to the creation of artistic ideas, such as those by artists, authors and actors.

Production. Includes the activities that define cultural products or services. The conjunction of creation and production activities gives the primary goods and services that can be reproduced for consumption.

Manufacture. Includes the activities for the mass production of primary cultural products. Unlike the production phase, the manufacture phase does not add value to the cultural content of the product.

Dissemination and distribution. Includes the activities required for products to reach the consumer, such as those relating to marketing and distribution of cultural products.

Promotion and regulation activities. Includes the activities of this type carried out by Public Administrations.

Educational activities. Includes education related to culture.

Auxiliary activities. Includes activities that, while they do not produce cultural goods or services in the strict sense, enable to obtain products that facilitate their use.

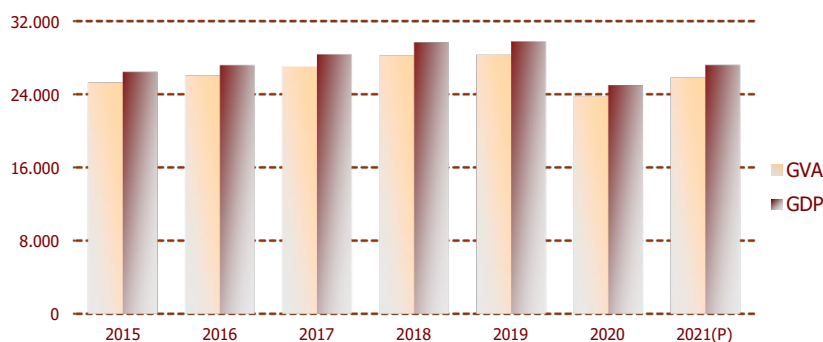
The set of intellectual property related activities coincides largely with the aforementioned scope, excluding the heritage sector and the promotion, regulation and educational phases, but extending to the sectors of Information Technology² and Advertising³. It should be noted that the translation of the scope under study into the language used in statistics -official classifications- is not always automatic or unequivocal.

² The scope of this sector is restricted to those activities related to intellectual property.

³ The methodological works in Europe consider only a part of advertising within the cultural scope. Given that it is an important sector as a whole, it is entirely included in the SACS as a creative sector.

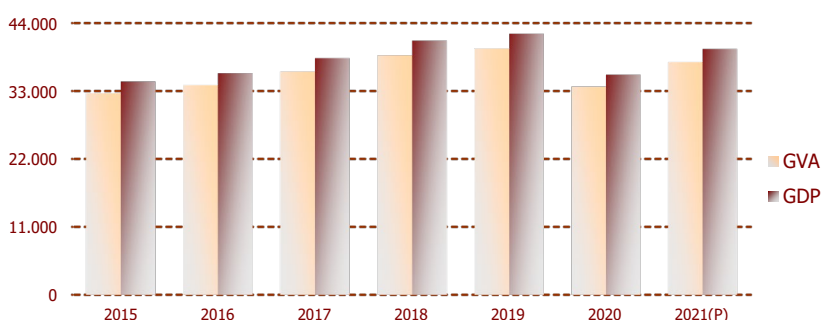
Evolution of the GVA and GDP of cultural activities

(Absolute values in million euro)



Evolution of the GVA and GDP of intellectual property related activities

(Absolute values in million euro)



Contribution of cultural and intellectual property activities to the GVA and GDP

	2015	2016	2017	2018	2019	2020	2021(P)	Average
Cultural activities								
As a percentage of GVA	2.6	2.6	2.6	2.6	2.5	2.3	2.3	2.5
As a percentage of GDP	2.5	2.4	2.4	2.5	2.4	2.2	2.2	2.4
Intellectual property related activities								
As a percentage of GVA	3.3	3.4	3.4	3.6	3.5	3.3	3.4	3.4
As a percentage of GDP	3.2	3.2	3.3	3.4	3.4	3.2	3.2	3.3

Source: Ministry of Culture and Sport. Satellite Account on Culture in Spain. SNA revision 2019
(P) Provisional estimate

Evolution of GVA and GDP

The results in the period show a growing profile up to 2019, and the development from that year is marked by the COVID-19 crisis. The estimations for the year 2021 show increases in comparison to 2020. When compared to pre-pandemic data, 2019, significant decreases are still registered.

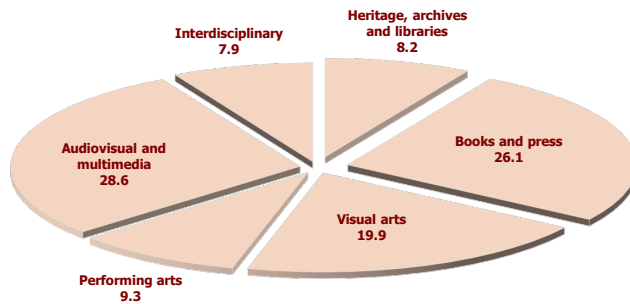
The estimated GVA for 2021, 25,819 million euro, represents an important increase in relation to 2020, 8.9%, but does not reach the pre-pandemic figures, registering a decrease of 8.8% with respect to 2019.

Considered in terms of contribution to the GDP, it goes from 29,787 million euro in 2019 to 27,201 million euro in the last available period, showing a similar development to the one observed in the GVA.

The overall results for the set of activities related to intellectual property indicate a decrease in the GVA in the last biennium, from 39,884 million euro in the year 2019 to 37,683 million euro in 2021. This figure is 5.5% lower than the one registered in 2019 and represents an increase of 11.8% in relation to 2020. In terms of the GDP, the estimate goes from 42,280 million euro in 2019 to 39,816 million in 2021.

The contribution of cultural GVA to the Spanish economy as a whole, on average in the 2015-2021 period, stood at 2.5%. Considering the set of activities related to intellectual property, this figure rises to 3.4%. Participation in GDP is slightly below these figures, due to the fact that taxes on cultural products are less significant than in the economy as a whole.

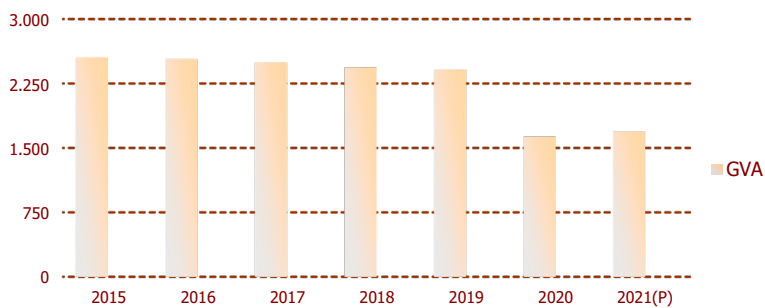
Contribution of cultural activities to GDP by sectors
(Average for the period 2015-2021)
(As a percentage of cultural GDP)



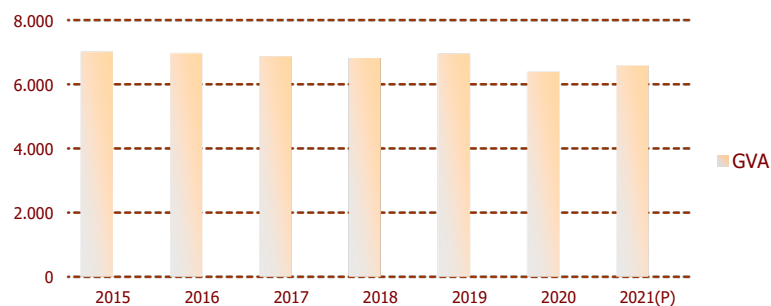
Evolution of GVA

(Absolute values in million euro)

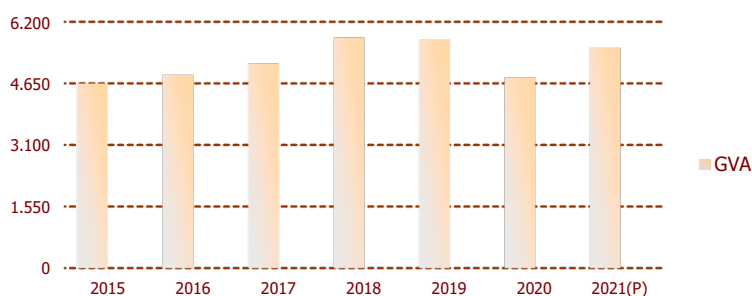
Heritage, archives and libraries



Books and press



Visual arts



Source: Ministry of Culture and Sport. Satellite Account on Culture in Spain.
SNA Revision 2019
(P) Provisional estimate

Evolution by sectors

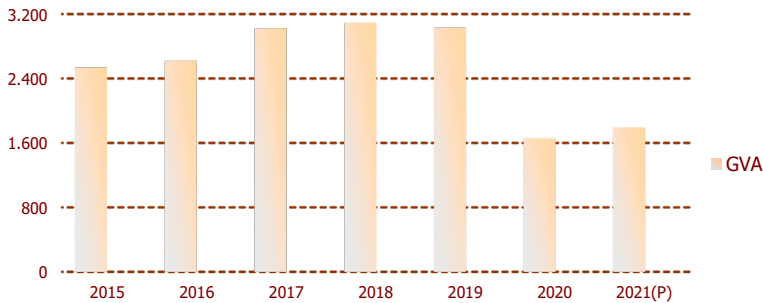
The most significant results of the evolution of the GDP of cultural activities by sectors in the period 2015-2021 are presented below. The significant weights of the sectors *Audiovisual and multimedia* and *Books and press* are remarkable, representing on average in the analysed period, 0.7% and 0.6%, of the GVA of the Spanish economy, respectively.

The GVA of *Heritage, archives and libraries* represents 8.5%, on average in the period 2015-2021, of the cultural activities in the scope of study. The period under analysis is characterized by a slightly decreasing profile down to 2019 and a sharp fall in 2020. In 2021 an increase of 3.5% is observed in relation to 2020, but still not reaching the pre-pandemic figures, as there is a sharp decrease of 29.9% compared to 2019.

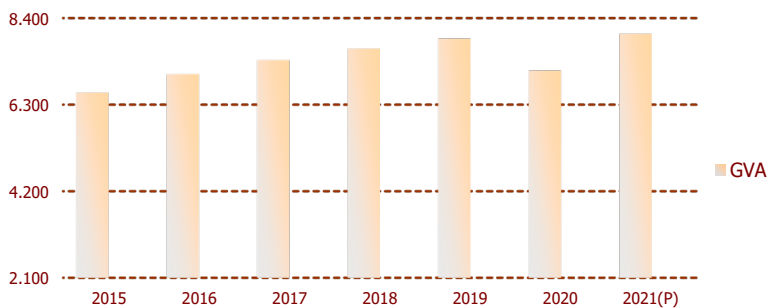
The sector of *Books and press*, with a large relative weight, represents on average in the period 2015-2021 25.8% of the GVA of the set of all cultural activities. The period under analysis presents a relatively stable profile up to 2019. In 2021 an increase of 3.1% is observed with respect to 2020, but still the pre-pandemic figures are not reached, as there is a decrease of 5.2% with respect to 2019.

The weight of the sector *Visual arts* is around 19.8%, on average in the period 2015-2021, of the set of all the cultural activities that comprise the scope of study. It shows growing profile up to 2019. The results for 2021 indicate notable increases in the last year, of 15.6%, even though the data represent a biennial decrease, with respect to 2019, of 3.4%.

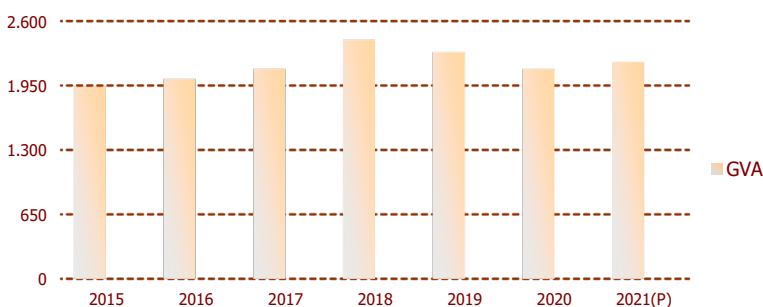
Performing arts



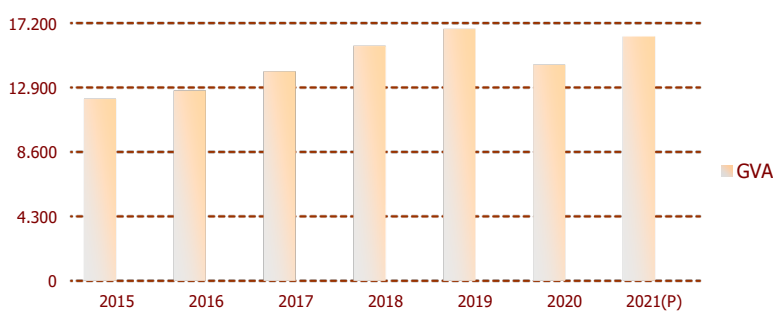
Audiovisual and multimedia



Interdisciplinary



Other sectors related to intellectual property



The development of the GVA of *Performing arts*, a sector with a relative magnitude of 9.6% in the set of cultural activities under analysis, is explained below. It presents a growing profile up to 2019, then a sharp decrease in 2020. In 2021 an increase of 8.2% is observed with respect to 2020, but the pre-pandemic figures are not reached. It presents a sharp decrease of 40.8% with respect to 2019.

The GVA for *Audiovisual and multimedia*, which includes among others *film, video, recorded music and television*, shows an increasing annual trend up to 2019. This sector registered the smallest decrease as a consequence of the COVID-19 crisis. In 2021 there are increases with respect to 2019 and 2020 of 1.5% and 12.5%, respectively. Its relative weight in the set of cultural activities stands at approximately 28.1% of the analysed activities.

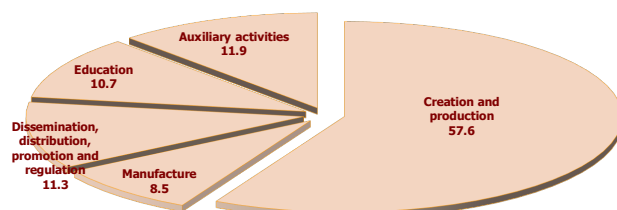
Where it has not been possible to obtain a breakdown for statistical purposes, or where an activity affects various sectors, the estimates have been included in the *Interdisciplinary* sector.

Finally, among the activities related to intellectual property, 59.7% correspond to the cultural scope and the remaining 40.3% are *Information Technology and Advertising* activities. The latter represent 0.9% and 0.5%, respectively, of the GVA of the Spanish economy as a whole. The estimated value in 2021 of those activities, in relation to 2019, is lower for *Advertising* and higher for *Information Technology*. Both present positive rates with respect to 2020.

Source: Ministry of Culture and Sport. Satellite Account on Culture in Spain.
SNA Revision 2019
(P) Provisional estimate

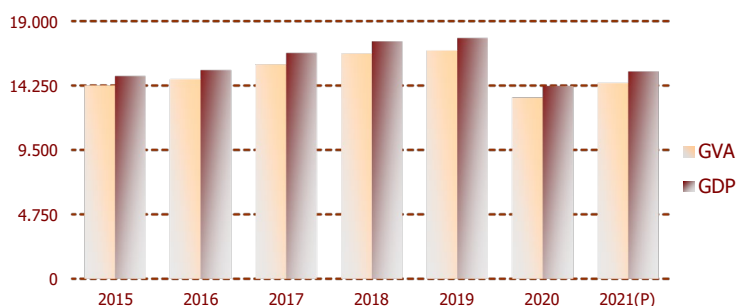
Contribution of cultural activities to GDP by phases

(Average for the period 2015-2021)
(As a percentage of cultural GDP)



Evolution of GVA and GDP. Creation and production

(Absolute values in million euro)



Source: Ministry of Culture and Sport. Satellite Account on Culture in Spain.
SNA Revision 2019
(P) Provisional estimate

Contribution of branches of activity and cultural and intellectual property activities to the total GVA (*)

As a percentage of total Gross Value Added	2015	2016	2017	2018	2019	2020	2021(p)	Average
Manufacture of foods products, beverages and tobacco products	2.5	2.5	2.4	2.2	2.3	2.4	2.3	2.4
Manufacture of chemical	0.8	0.9	0.9	0.8	0.8	0.9	1.0	0.9
Telecommunications	1.5	1.5	1.4	1.3	1.2	1.3	1.1	1.3
Financial and insurance activities	3.8	3.9	3.9	4.1	3.9	4.5	4.2	4.0
As a percentage of total Gross Value Added	2015	2016	2017	2018	2019	2020	2021 (P)	Average
Agriculture	3.0	3.1	3.1	3.0	2.7	3.1	3.0	3.0
Industry	16.3	16.2	16.2	16.0	15.8	16.0	16.8	16.2
Construction	5.8	5.9	5.9	5.9	6.3	6.1	5.7	5.9
Services	74.9	74.9	74.8	75.0	75.2	74.8	74.5	74.9
TOTAL	100	100	100	100	100	100	100	100
As a percentage of total Gross Value Added	2015	2016	2017	2018	2019	2020	2021 (P)	Average
Cultural activities	2.6	2.6	2.6	2.6	2.5	2.3	2.3	2.5
Intellectual property related activities	3.3	3.4	3.4	3.6	3.5	3.3	3.4	3.4

(*) The Energy sector is included in the Industry sector
Source: National Accounts (NSI) Revision 2019 and own research
(P) Provisional estimate

Evolution by phases

If the activities are classified basing on their position in the production chain, the *Creation and production* phase shows significant weight, representing 57.6% of the GDP of cultural activities. *Manufacture* represents 8.5%, *Dissemination, distribution, promotion and regulation activities* 11.3% and *Educational activities* related to culture 10.7%. The auxiliary phase includes activities that, while not producing cultural products and services in the strict sense, have clear cultural connotations or facilitate the use and enjoyment of culture; these represent 11.9% on average.

The GDP development in the period 2015-2021 presents increasing average annual rates for the following phases: *Creation and production* 0.4%; *Education* 1.7% and *Auxiliary activities* 1.2%. The average annual rate for *Manufacture* decreases 0.6%; and the one for *Dissemination, distribution, promotion and regulation* remains stable.

Comparison with other sectors of the economy

Comparing these results with other scopes of the Spanish economy, it is remarkable in the first place that cultural activities have a similar weight in the period than the GVA generated by *Agriculture*, 3%, *Manufacture of food products, beverages and tobacco products*, 2.4%, and greater than *Manufacture of chemicals*, 0.9% or *Telecommunications*, 1.3%. The contribution of the activities related to intellectual property is close to *Financial and insurance activities*. The results show that cultural activities and intellectual property activities have a very significant weight in the Spanish economy.

Satellite Account on Culture in Spain Results for 2015-2021 Annual series

1. Contribution of cultural activities to Gross Domestic Product by sectors ⁽¹⁾

	2015	2016	2017	2018	2019	2020	2021(P)	Average for the period (*) 2015-2021	Annual rate 2021/2020
ABSOLUTE VALUES (Million euros)	26,443	27,186	28,368	29,681	29,787	24,992	27,201	0.5	8.8
Heritage, archives and libraries	2,579	2,557	2,540	2,476	2,437	1,651	1,704	-6.7	3.2
Books and press	7,389	7,334	7,269	7,243	7,412	6,792	7,014	-0.9	3.3
Visual arts	4,914	5,136	5,453	6,127	6,066	5,039	5,839	2.9	15.9
Performing arts	2,578	2,668	3,087	3,148	3,151	1,683	1,819	-5.6	8.1
Audiovisual and multimedia	6,989	7,456	7,866	8,245	8,389	7,692	8,619	3.6	12.1
Interdisciplinary	1,994	2,034	2,152	2,443	2,333	2,136	2,206	1.7	3.2
AS A PERCENTAGE OF TOTAL GDP	2.5	2.4	2.4	2.5	2.4	2.2	2.2	2.4	-
Heritage, archives and libraries	0.24	0.23	0.22	0.21	0.20	0.15	0.14	0.2	-
Books and press	0.69	0.66	0.63	0.60	0.60	0.61	0.57	0.6	-
Visual arts	0.46	0.46	0.47	0.51	0.49	0.45	0.48	0.5	-
Performing arts	0.24	0.24	0.27	0.26	0.25	0.15	0.15	0.2	-
Audiovisual and multimedia	0.65	0.67	0.68	0.69	0.67	0.69	0.71	0.7	-
Interdisciplinary	0.19	0.18	0.19	0.2	0.19	0.19	0.18	0.2	-
AS A PERCENTAGE OF CULTURAL GDP	100	100	100	100	100	100	100	100	-
Heritage, archives and libraries	9.8	9.4	9.0	8.3	8.2	6.6	6.3	8.2	-
Books and press	27.9	27.0	25.6	24.4	24.9	27.2	25.8	26.1	-
Visual arts	18.6	18.9	19.2	20.6	20.4	20.2	21.5	19.9	-
Performing arts	9.7	9.8	10.9	10.6	10.6	6.7	6.7	0.2	-
Audiovisual and multimedia	26.4	27.4	27.7	27.8	28.2	30.8	31.7	28.6	-
Interdisciplinary	7.5	7.5	7.6	8.2	7.8	8.5	8.1	7.9	-

Source: Ministry of Culture and Sport. Satellite Account on Culture in Spain. SNA Revision 2019

(P) Provisional estimate

(*) For absolute values, cumulative average rate

Satellite Account on Culture in Spain
Results for 2015-2021
Annual series

2. Contribution of cultural activities to Gross Value Added by sectors

	2015	2016	2017	2018	2019	2020	2021(P)	Average for the period (*) 2015-2021	Annual rate 2021/2020
ABSOLUTE VALUES (Million euros)	25,273	26,039	27,037	28,219	28,322	23,717	25,819	0.4	8.9
Heritage, archives and libraries	2,555	2,534	2,495	2,440	2,411	1,633	1,690	-6.7	3.5
Books and press	7,007	6,965	6,865	6,816	6,946	6,383	6,582	-1.0	3.1
Visual arts	4,646	4,866	5,159	5,804	5,746	4,801	5,549	3.0	15.6
Performing arts	2,539	2,622	3,023	3,090	3,031	1,657	1,794	-5.6	8.2
Audiovisual and multimedia	6,590	7,038	7,379	7,659	7,902	7,128	8,019	3.3	12.5
Interdisciplinary	1,937	2,015	2,117	2,409	2,285	2,116	2,186	2.0	3.3
AS A PERCENTAGE OF TOTAL GDP	2.6	2.6	2.6	2.5	2.3	2.3	2.5	2.5	-
Heritage, archives and libraries	0.26	0.25	0.24	0.22	0.21	0.16	0.15	0.2	-
Books and press	0.72	0.69	0.65	0.63	0.61	0.63	0.60	0.6	-
Visual arts	0.47	0.48	0.49	0.53	0.51	0.47	0.50	0.5	-
Performing arts	0.26	0.26	0.29	0.28	0.27	0.16	0.16	0.2	-
Audiovisual and multimedia	0.67	0.70	0.70	0.70	0.70	0.70	0.73	0.7	-
Interdisciplinary	0.20	0.20	0.20	0.22	0.20	0.21	0.20	0.2	-
AS A PERCENTAGE OF CULTURAL GDP	100	100	100	100	100	100	100	100	-
Heritage, archives and libraries	10.1	9.7	9.2	8.6	8.5	6.9	6.5	8.5	-
Books and press	27.7	26.7	25.4	24.2	24.5	26.9	25.5	25.8	-
Visual arts	18.4	18.7	19.1	20.6	20.3	20.2	21.5	19.8	-
Performing arts	10.0	10.1	11.2	10.9	10.7	7.0	6.9	9.6	-
Audiovisual and multimedia	26.1	27.0	27.3	27.1	27.9	30.1	31.1	28.1	-
Interdisciplinary	7.7	7.7	7.8	8.5	8.1	8.9	8.5	8.2	-

Source: Ministry of Culture and Sport. Satellite Account on Culture in Spain. SNA Revision 2019

(P) Provisional estimate

(*) For absolute values, cumulative average rate

Satellite Account on Culture in Spain
Results for 2015-2021
Annual series

3. Contribution of cultural activities to Gross Domestic Product by phases

	2015	2016	2017	2018	2019	2020	2021(P)	Average for the period (*) 2015-2021	Annual rate 2021/2020
ABSOLUTE VALUES (Million euros)	26,443	27,186	28,368	29,681	29,787	24,992	27,201	0.5	8.8
Core activities	23,362	23,877	25,051	25,983	26,238	22,214	23,888	0.4	7.5
Creation and production	14,952	15,391	16,652	17,507	17,755	14,219	15,289	0.4	7.5
Manufacture	2,380	2,374	2,364	2,434	2,451	2,094	2,290	-0.6	9.4
Dissemination, distribution, promotion and regulation	3,308	3,287	3,194	3,004	2,855	2,777	3,303	0.0	18.9
Education	2,722	2,825	2,842	3,038	3,177	3,124	3,006	1.7	-3.8
Auxiliary activities	3,081	3,309	3,317	3,698	3,549	2,779	3,312	1.2	19.2
AS A PERCENTAGE OF TOTAL GDP	2.5	2.4	2.4	2.5	2.4	2.2	2.2	2.4	-
Core activities	2.17	2.14	2.16	2.16	2.11	1.99	1.95	2.1	-
Creation and production	1.39	1.38	1.43	1.45	1.43	1.27	1.25	1.4	-
Manufacture	0.22	0.21	0.20	0.20	0.20	0.19	0.19	0.2	-
Dissemination, distribution, promotion and regulation	0.31	0.30	0.27	0.25	0.23	0.25	0.27	0.3	-
Education	0.25	0.25	0.24	0.25	0.26	0.28	0.25	0.3	-
Auxiliary activities	0.29	0.3	0.29	0.31	0.28	0.25	0.27	0.3	-
AS A PERCENTAGE OF CULTURAL GDP	100	100	100	100	100	100	100	100	-
Core activities	88.3	87.8	88.3	87.5	88.1	88.9	87.8	88.1	-
Creation and production	56.5	56.6	58.7	59	59.6	56.9	56.2	57.6	-
Manufacture	9	8.7	8.3	8.2	8.2	8.4	8.4	8.5	-
Dissemination, distribution, promotion and regulation	12.5	12.1	11.3	10.1	9.6	11.1	12.1	11.3	-
Education	10.3	10.4	10	10.2	10.7	12.5	11	10.7	-
Auxiliary activities	11.7	12.2	11.7	12.5	11.9	11.1	12.2	11.9	-

Source: Ministry of Culture and Sport. Satellite Account on Culture in Spain. SNA Revision 2019

(P) Provisional estimate

(*) For absolute values, cumulative average rate

Satellite Account on Culture in Spain
Results for 2015-2021
Annual series

4. Contribution of cultural activities to Gross Value Added by phases

	2015	2016	2017	2018	2019	2020	2021(P)	Average for the period (*) 2015-2021	Annual rate 2021/2020
ABSOLUTE VALUES (Million euros)	25,273	26,039	27,037	28,219	28,322	23,717	25,819	0.4	8.9
Core activities	22,404	22,967	23,969	24,783	25,027	21,090	22,698	0.2	7.6
Creation and production	14,262	14,713	15,820	16,604	16,838	13,375	14,433	0.2	7.9
Manufacture	2,225	2,220	2,200	2,230	2,242	1,897	2,075	-1.2	9.4
Dissemination, distribution, promotion and regulation	3,207	3,222	3,120	2,925	2,783	2,700	3,190	-0.1	18.2
Education	2,709	2,812	2,829	3,024	3,164	3,118	3,000	1.7	-3.8
Auxiliary activities	2,869	3,072	3,068	3,435	3,295	2,627	3,121	1.4	18.8
AS A PERCENTAGE OF TOTAL GDP	2.6	2.6	2.6	2.6	2.5	2.3	2.3	2.5	-
Core activities	2.29	2.27	2.28	2.28	2.22	2.07	2.05	2.2	-
Creation and production	1.46	1.46	1.5	1.52	1.49	1.31	1.31	1.4	-
Manufacture	0.23	0.22	0.21	0.20	0.20	0.19	0.19	0.2	-
Dissemination, distribution, promotion and regulation	0.33	0.32	0.30	0.27	0.25	0.26	0.29	0.3	-
Education	0.28	0.28	0.27	0.28	0.28	0.31	0.27	0.3	-
Auxiliary activities	0.29	0.30	0.29	0.32	0.29	0.26	0.28	0.3	-
AS A PERCENTAGE OF CULTURAL GDP	100	100	100	100	100	100	100	100	-
Core activities	88.6	88.2	88.7	87.8	88.4	88.9	87.9	88.4	-
Creation and production	56.4	56.5	58.5	58.8	59.5	56.4	55.9	57.4	-
Manufacture	8.8	8.5	8.1	7.9	7.9	8.0	8.0	8.2	-
Dissemination, distribution, promotion and regulation	12.7	12.4	11.5	10.4	9.8	11.4	12.4	11.5	-
Education	10.7	10.8	10.5	10.7	11.2	13.1	11.6	11.2	-
Auxiliary activities	11.4	11.8	11.3	12.2	11.6	11.1	12.1	11.6	-

Source: Ministry of Culture and Sport. Satellite Account on Culture in Spain. SNA Revision 2019

(P) Provisional estimate

(*) For absolute values, cumulative average rate

Satellite Account on Culture in Spain Results for 2015-2021 Annual series

5. Contribution of intellectual property related activities to Gross Domestic Product by sectors

	2015	2016	2017	2018	2019	2020	2021(P)	Average for the period (*) 2015-2021	Annual rate 2021/2020
ABSOLUTE VALUES (Million euros)	34,547	35,887	38,329	41,164	42,280	35,655	39,816	2.4	11.7
Intellectual property related activities	21,620	22,359	23,466	24,539	24,521	20,560	22,743	0.8	10.6
Information Technology	7,990	8,534	9,465	10,778	11,845	10,728	12,182	7.3	13.6
Advertising	4,937	4,995	5,398	5,847	5,914	4,366	4,891	-0.2	12.0
AS A PERCENTAGE OF TOTAL GDP	3.2	3.2	3.3	3.4	3.4	3.2	3.3	3.3	-
Intellectual property related activities	2.01	2.01	2.02	2.04	1.97	1.84	1.86	2.0	-
Information Technology	0.74	0.77	0.81	0.90	0.95	0.96	1.00	0.9	-
Advertising	0.46	0.45	0.46	0.49	0.47	0.39	0.40	0.4	-
AS A PERCENTAGE OF INTELLECTUAL PROPERTY GDP	100	100	100	100	100	100	100	100	-
Intellectual property related activities	62.6	62.3	61.2	59.6	58.0	57.7	57.1	59.8	-
Information Technology	23.1	23.8	24.7	26.2	28.0	30.1	30.6	26.6	-
Advertising	14.3	13.9	14.1	14.2	14.0	12.2	12.3	13.6	-

Source: Ministry of Culture and Sport. Satellite Account on Culture in Spain. SNA Revision 2019

6. Contribution of intellectual property related activities to Gross Value Added by sectors

	2015	2016	2017	2018	2019	2020	2021(P)	Average for the period (*) 2015-2021	Annual rate 2021/2020
ABSOLUTE VALUES (Millions of euros)	32,660	33,942	36,156	38,795	39,884	33,719	37,683	2.4	11.7
Intellectual property related activities	20,517	21,242	22,181	23,117	23,079	19,302	21,377	0.8	10.6
Information Technology	7,491	8,039	8,929	10,232	11,303	10,293	11,686	7.3	13.6
Advertising	4,652	4,661	5,046	5,446	5,502	4,123	4,620	-0.2	12.0
AS A PERCENTAGE OF TOTAL GDP	3.3	3.4	3.4	3.6	3.5	3.3	3.4	3.4	-
Intellectual property related activities	2.10	2.10	2.11	2.12	2.04	1.89	1.93	2.0	-
Information Technology	0.77	0.80	0.85	0.94	1.00	1.01	1.06	0.9	-
Advertising	0.48	0.46	0.48	0.50	0.49	0.40	0.42	0.5	-
AS A PERCENTAGE OF INTELLECTUAL PROPERTY GDP	100	100	100	100	100	100	100	100	-
Intellectual property related activities	62.8	62.6	61.3	59.6	57.9	57.2	56.7	59.7	-
Information Technology	22.9	23.7	24.7	26.4	28.3	30.5	31.0	26.8	-
Advertising	14.2	13.7	14.0	14.0	13.8	12.2	12.3	13.5	-

Source: Ministry of Culture and Sport. Satellite Account on Culture in Spain. SNA Revision 2019

(P) Provisional estimate

(*) For absolute values, cumulative average rate

Satellite Account on Culture in Spain Results for 2015-2021 Annual series

7. Contribution of intellectual property related activities to Gross Domestic Product by phases

	2015	2016	2017	2018	2019	2020	2021(P)	Average for the period (*) 2015-2021	Annual rate 2021/2020
ABSOLUTE VALUES (Million euros)	34,547	35,887	38,329	41,164	42,280	35,655	39,816	2.4	11.7
Core activities	28,753	29,554	31,831	34,043	34,906	29,176	32,798	2.2	12.4
Creation and production	22,470	22,944	25,202	27,214	28,174	23,738	26,305	2.7	10.8
Manufacture	2,382	2,382	2,375	2,453	2,468	2,109	2,315	-0.5	9.8
Dissemination and distribution	3,901	4,228	4,254	4,376	4,265	3,329	4,178	1.2	25.5
Auxiliary activities	5,795	6,333	6,498	7,121	7,374	6,479	7,018	3.2	8.3
AS A PERCENTAGE OF TOTAL GDP	3.2	3.2	3.3	3.4	3.4	3.2	3.3	3.3	-
Core activities	2.67	2.65	2.74	2.83	2.80	2.61	2.68	2.7	-
Creation and production	2.09	2.06	2.17	2.26	2.26	2.12	2.15	2.2	-
Manufacture	0.22	0.21	0.20	0.20	0.20	0.19	0.19	0.2	-
Dissemination and distribution	0.36	0.38	0.37	0.36	0.34	0.30	0.34	0.4	-
Auxiliary activities	0.54	0.57	0.56	0.59	0.59	0.58	0.57	0.6	-
AS A PERCENTAGE OF INTELLECTUAL PROPERTY GDP	100	100	100	100	100	100	100	100	-
Core activities	83.2	82.4	83.0	82.7	82.6	81.8	82.4	82.6	-
Creation and production	65.0	63.9	65.8	66.1	66.6	66.6	66.1	65.7	-
Manufacture	6.9	6.6	6.2	6.0	5.8	5.9	5.8	6.2	-
Dissemination and distribution	11.3	11.8	11.1	10.6	10.1	9.3	10.5	10.7	-
Auxiliary activities	16.8	17.6	17.0	17.3	17.4	18.2	17.6	17.4	-

Source: Ministry of Culture and Sport. Satellite Account on Culture in Spain. SNA Revision 2019

(P) Provisional estimate

(*) For absolute values, cumulative average rate

Satellite Account on Culture in Spain Results for 2015-2021 Annual series

8. Contribution of intellectual property related activities to Gross Value Added by phases

	2015	2016	2017	2018	2019	2020	2021(P)	Average for the period (*) 2015-2021	Annual rate 2021/2020
ABSOLUTE VALUES (Million euros)	32,660	33,942	36,156	38,795	39,884	33,719	37,683	2.4	11.8
Core activities	27,237	27,985	30,046	32,080	32,915	27,527	30,993	2.2	12.6
Creation and production	21,244	21,694	23,757	25,667	26,603	22,429	24,914	2.7	11.1
Manufacture	2,227	2,227	2,211	2,248	2,257	1,911	2,098	-1.0	9.8
Dissemination and distribution	3,766	4,064	4,078	4,165	4,055	3,188	3,981	0.9	24.9
Auxiliary activities	5,423	5,957	6,110	6,715	6,969	6,191	6,690	3.6	8.1
AS A PERCENTAGE OF TOTAL GVA	3.3	3.4	3.4	3.6	3.5	3.3	3.4	3.4	-
Core activities	2.78	2.77	2.85	2.95	2.91	2.70	2.80	2.8	-
Creation and production	2.17	2.15	2.26	2.36	2.36	2.20	2.25	2.2	-
Manufacture	0.23	0.22	0.21	0.21	0.20	0.19	0.19	0.2	-
Dissemination and distribution	0.38	0.40	0.39	0.38	0.36	0.31	0.36	0.4	-
Auxiliary activities	0.55	0.59	0.58	0.62	0.62	0.61	0.60	0.6	-
AS A PERCENTAGE OF INTELLECTUAL PROPERTY GDP	100	100	100	100	100	100	100	100	-
Core activities	83.4	82.5	83.1	82.7	82.5	81.6	82.2	82.6	-
Creation and production	65.0	63.9	65.7	66.2	66.7	66.5	66.1	65.7	-
Manufacture	6.8	6.6	6.1	5.8	5.7	5.7	5.6	6.0	-
Dissemination and distribution	11.5	12.0	11.3	10.7	10.2	9.5	10.6	10.8	-
Auxiliary activities	16.6	17.5	16.9	17.3	17.5	18.4	17.8	17.4	-

Source: Ministry of Culture and Sport. Satellite Account on Culture in Spain. SNA Revision 2019

(P) Provisional estimate

(*) For absolute values, cumulative average rate

9. Simplified production and generation of income accounts of cultural activities

(Million euros)

	2015	2016	2017	2018	2019	2020	2021(P)
Production	48,373	49,712	51,578	54,637	56,705	47,085	52,331
Intermediate consumption	23,100	23,673	24,541	26,419	28,383	23,364	26,511
Gross value added	25,273	26,039	27,037	28,219	28,322	23,717	25,819
Compensation of employees	15,050	15,249	15,529	16,118	16,857	15,850	16,252
Other net taxes on production	134	76	-17	10	-25	-369	-136
Gross operating surplus / Mixed income	10,089	10,715	11,526	12,091	11,489	8,159	9,704

Source: Ministry of Culture and Sport. Satellite Account on Culture in Spain. Revision 2019

10. Simplified production and generation of income accounts of intellectual property activities

(Million euros)

	2015	2016	2017	2018	2019	2020	2021(P)
Production	68,384	71,260	75,282	81,507	86,249	71,688	81,476
Intermediate consumption	35,724	37,318	39,126	42,712	46,365	37,970	43,793
Gross value added	32,660	33,942	36,156	38,795	39,884	33,719	37,683
Compensation of employees	19,251	19,583	20,153	21,559	22,695	22,358	24,227
Other net taxes on production	107	63	-47	-18	-66	-609	-283
Gross operating surplus / Mixed income	13,303	14,297	16,050	17,255	17,255	11,893	13,740

Source: Ministry of Culture and Sport. Satellite Account on Culture in Spain. SNA Revision 2019

(P) Provisional estimate

(*) For absolute values, cumulative average rate

ANNEX 1. Contribution of cultural activities and intellectual property related activities to Gross Domestic Product. SACS.
Methodological revision 2019. Period 2000-2021 ⁽¹⁾

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
AS A PERCENTAGE OF TOTAL GDP																						
Cultural activities	3.1	3.1	3.1	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.8	2.6	2.5	2.4	2.4	2.5	2.4	2.4	2.5	2.4	2.2	2.2
Intellectual property related activities	4.0	4.0	3.8	3.8	3.7	3.7	3.6	3.4	3.4	3.4	3.4	3.3	3.3	3.1	3.2	3.2	3.2	3.3	3.4	3.4	3.2	3.3

ANNEX 2. Contribution of cultural activities and intellectual property related activities to Gross Value Added. SACS.
Methodological revision 2019. Period 2000-2021 ⁽¹⁾

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
AS A PERCENTAGE OF TOTAL GVA																						
Cultural activities	3.3	3.3	3.3	3.3	3.2	3.3	3.2	3.0	2.9	2.9	2.9	2.7	2.6	2.5	2.5	2.6	2.6	2.6	2.6	2.5	2.3	2.3
Intellectual property related activities	4.2	4.2	4.1	4.0	4.0	4.0	3.8	3.7	3.6	3.5	3.6	3.5	3.4	3.2	3.3	3.3	3.4	3.4	3.6	3.5	3.3	3.4

Source: Ministry of Culture and Sport. Satellite Account on Culture in Spain. SNA Revision 2019

The results for the year 2021 are provisional

(1) See methodological notes



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