

The summary results of the Satellite Account on Culture and Creative Industry of the Slovak Republic (2016-2021)

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The document describes the results of the Satellite Account of Culture and Creative Industry of the Slovak Republic for the years 2016-2021 in the form of tables and charts.

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List of abbreviations used in the text and their explanation

Generally:

SO SR	Statistical Office of the Slovak Republic
MC SR	Ministry of Culture of the Slovak Republic
INFOSTAT	Institute of Informatics and Statistics
Eurostat	Statistical Office of the European Union
SNA	System of National Accounts
NA	National Accounts
SUT	Supply and Use Tables
VA	Value Added
GDP	Gross Domestic Product
CCI	Culture and Creative Industry
SA CCI SR	Satellite Account on Culture and Creative Industry of the Slovak Republic

Classifications:

NACE	The Statistical Classification of Economic Activities
CPA	Classification of Products by Activities
ISCO	International Standard Classification of Occupation

1 Introduction

The Satellite Account on Culture and Creative Industry of the Slovak Republic started to be built in 2015 on the initiative of the Ministry of Culture of the Slovak Republic, which submitted this request to the Statistical Office of the Slovak Republic. The INFOSTAT - Institute of Informatics and Statistics, which was founded by the Statistical Office of the Slovak Republic, was entrusted with the task.

The SA CCI SR depicts the CCI sector in detailed classifications and subdivisions that the SNA central framework does not allow. SA CCI is based on the same principles of accounting, classifications and definitions as the SNA SR.

The aim of the SA CCI SR is to estimate the economic significance of the CCI sector based on the supply and use tables of the system of national accounts and existing supplementary sources from statistical surveys of the Statistical Office of the Slovak Republic, the Ministry of Culture and other administrative data sources.

The methodology and content of the satellite account of culture and creative industry of the Slovak Republic is based on the ESSnet-Culture final report published in 2012.

Between 2015 and 2017, the detailed methodology of the creation of the SA CCI SR was elaborated, in three materials [1,2,3]. The starting points for construction of the SA CCI SR, the analysis of available data sources suitable for use in SA CCI SR and the proposal of methodology of creation of SA CCI SR were described in these materials. For the first time the experimental SA CCI SR was prepared for the reference year 2012. Between 2012 and 2016, the experimental account for next years was carried out. Gradually, the accounts were modified in terms of methodology and content, and in 2017 the official versions for whole period were prepared. The construction process of SÚ KKP SR was summarized and updated in the methodological material [4] in 2020.

1.1 Definition the scope of the culture and creative industries

Satellite Account on Culture and Creative Industry SR provides information on the CCI sector

- from the perspective of CCI industries (units providing CCI services)
- in terms of CCI-related products (CCI products and services produced by all industries of the economy).

The CCI industries (based on NACE classification) have been grouped into domain:

O₁ Cultural heritage

O₂ Periodical and non-periodical printing

O₃ Visual arts and crafts

O₄ Architecture

O₅ Performing arts

O₆ Audiovisual and multimedia

O₇ Advertising

O₈ Art education

O₉ Support services for CCI

Industries out of CCI (but products of CCI)

The core of SA CCI SR is formed by 8 basic domains (**O₁-O₈**). Each of them consists of particular industries of CCI within the NACE classification fully or partly.

O₁ includes the activities of libraries, archives, museums and the operation of historical monuments and tourist attractions.

O₂ includes activities related to creating, publishing, and distributing books, periodical and non-periodical printing in various formats.

O₃ includes painting, sculpture, photography and specialized design activities.

O₄ includes activities related to architectural services.

O₅ includes various forms of artistic performances such as theatre, dance, music and concerts, whether classical or popular music, and the operation of cultural facilities.

O₆ includes activities related to film, video, music, television and radio and other audiovisual formats.

O₇ includes activities related to advertising services.

O₈ includes activities related to artistic (music, dance, art and other) education.

In addition to the core domains, the O₉ domain was added containing the supporting services for the CCI areas. Only a small part of the production of these activities can be included in the CCI (there are retail activities, cultural management, copyright protection, cultural and recreational associations).

In addition to CCI domains, SA CCI SR comprises also production of non-CCI industries which is created by cultural products.

The output of the CCI sector in the individual CCI industries as well as in other industries of the economy is further specified by CCI products defined by the product classification (CPA). In the domains (O₁-O₈), which form the core of the culture sector, the production of industries is created mainly by CCI products. In the CCI support industries (O₉), only part of their production belongs in the CCI. Even non-CCI industries can produce CCI products.

SA CCI SR is based on the classification of products defined by ESSnet-Culture, which has been adapted to the available statistical data in the SR.

CCI-related groups of products have been defined as follows:

P₁ Heritage, Archives, Libraries

P₂ Books and press

P₃ Visual arts services

P₄ Architecture services

P₅ Performing arts services

P₆ Audiovisual and multimedia

P₇ Advertising services

P₈ Interdisciplinary products

P₉ Minor products of CCI

P₁ includes library and archive services (collection, cataloging, searching, lending); operation of museums, historical monuments and tourist attractions (organization of exhibitions, displaying collections of all kinds, protection of historical monuments).

P₂ includes book publishing, periodical and other publishing services, as well as bookbinding services.

P₃ includes art-related services, specialized design and photography services.

P₄ includes architectural services and consultancy.

P₅ includes services related to the performing arts, the operation of cultural facilities and ticket reservations.

P₆ includes computer game publishing services, film, video, sound recording, production and broadcasting of radio and television programs, rental of video tapes and discs, and original computer game software

P₇ includes comprehensive advertising and advertising design services.

P₈ includes news agency services, arts education services, interpretation and translation services.

P₉ includes retail services (with stamps, coins, souvenirs, works of art and antiques, books, newspapers, magazines and audio-video recordings), partly public administration services, other professional, technical and commercial services, administrative services in recreational, cultural and religious, and the services of other member organizations.

1.2 Data sources of SA CCI SR

Various available data sources are used for compounding of SA CCI SR tables:

- Statistical survey SO SR for big and small non-financial enterprises, for non-profit institutions serving households, surveys for subsidised and budgetary organisations,
- other statistical surveys of the SO SR: on labour, on income and expenditures of households, on foreign trade,
- administrative data (financial statements) for sole traders, persons not registered in the business register, business entities, units classified to the general government sector,
- data from the SNA of the Slovak Republic (Supply and use tables, employment ...)
- organisations register managed by SO SR,
- statistics of the National Bank of the Slovak Republic,
- statistical surveys of the Ministry of Culture of the Slovak Republic type KULT,
- data publicly available on the Internet (e.g. financial statements, annual reports, yearbooks, etc.)
- financial report data (from income tax declarations).

2 The main outputs of the Satellite Account of Culture and Creative Industry SR

The impact of the cultural and creative industries on the whole economy can also be assessed from two points of view:

- as the impact of CCI industries (providers) on the economy and their comparison with other industries. The whole output or value added of the core CCI industries are analysed.
- as the effect of production or value added of CCI, which was separated from the main supporting as well as other industries of the economy (only the CCI products).

In the final output presented in this document we have applied a second perspective, i.e. we present production, respectively value added containing only CCI products.

2.1 Value added in the CCI sector

The value added (VA) in the CCI sector is represented by newly created value of CCI products produced by each unit of that sector. It is calculated as the difference between the production of CCI and relating intermediate consumption (costs of used energy, goods and services) of all industries of the economy. The value added of CCI in 2021 was 1,489.482 mill. EUR, in comparison with 2020 it was a decrease by 8.058 mill. EUR. The core domains (O₁-O₈) represents about 68.3%, support services of CCI (O₉) about 7.7% and other industries about 24.0% of the VA of the whole CCI sector. Compared to the whole economy, the VA of CCI, represents 1.66% in 2021 (a decrease of 0.15% compared to 2020).

Table 1a Value added of CCI in the period 2016-2021 (mill. EUR)

Domains (by industries)	Value Added						
	Year	2016	2017	2018	2019	2020	2021
O ₁ Cultural heritage		105.674	104.394	106.160	122.603	122.367	117.531
O ₂ Periodical and non-periodical printing		113.247	100.778	99.104	86.668	86.704	108.018
O ₃ Visual arts and crafts		39.632	44.556	36.928	36.567	40.661	72.139
O ₄ Architecture		94.314	109.669	148.531	120.263	128.920	109.450
O ₅ Performing arts		113.238	127.678	130.441	137.025	126.233	132.198
O ₆ Audiovisual and multimedia		123.157	124.394	155.322	163.936	152.931	174.724
O ₇ Advertising		243.370	185.536	217.929	266.187	226.137	179.326
O ₈ Art education		93.037	99.112	102.832	117.269	131.714	124.459
O ₉ Support services for CCI		93.384	100.389	132.371	128.029	106.197	114.837
Industries out of CCI (but products of CCI)		334.658	363.051	339.949	364.491	376.417	356.801
Total CCI		1,353.710	1,359.558	1,469.567	1,543.038	1,498.280	1,489.482
Total economy		73,436.195	76,430.454	80,379.86	84,021.071	82,420.862	89,463.842
Share of VA of CCI in VA of economy (%)		1.84	1.78	1.83	1.84	1.82	1.66

Table 1b Share of VA of CCI by domains in VA of the whole economy in the period 2016-2021 (%)

Domains (by industries)	Value Added						
	Year	2016	2017	2018	2019	2020	2021
O ₁ Cultural heritage		0.14	0.14	0.13	0.15	0.15	0.13
O ₂ Periodical and non-periodical printing		0.15	0.13	0.12	0.10	0.11	0.12
O ₃ Visual arts and crafts		0.05	0.06	0.05	0.04	0.05	0.08
O ₄ Architecture		0.13	0.14	0.18	0.14	0.16	0.12
O ₅ Performing arts		0.15	0.17	0.16	0.16	0.15	0.15
O ₆ Audiovisual and multimedia		0.17	0.16	0.19	0.20	0.19	0.20
O ₇ Advertising		0.33	0.24	0.27	0.32	0.27	0.20
O ₈ Art education		0.13	0.13	0.13	0.14	0.16	0.14
O ₉ Support services for CCI		0.13	0.13	0.16	0.15	0.13	0.13
Industries out of CCI (but products of CCI)		0.46	0.48	0.42	0.43	0.46	0.40
Total CCI		1.84	1.78	1.83	1.84	1.82	1.66

Table 1c Share of VA of CCI by domains in VA of the whole CCI sector in the period 2016-2021 (%)

Domains (by industries)	Value Added						
	Year	2016	2017	2018	2019	2020	2021
O ₁ Cultural heritage		7.81	7.68	7.22	7.95	8.17	7.89
O ₂ Periodical and non-periodical printing		8.37	7.41	6.74	5.62	5.79	7.25
O ₃ Visual arts and crafts		2.93	3.28	2.51	2.37	2.71	4.84
O ₄ Architecture		6.97	8.07	10.11	7.79	8.60	7.35
O ₅ Performing arts		8.37	9.39	8.88	8.88	8.43	8.88
O ₆ Audiovisual and multimedia		9.10	9.15	10.57	10.62	10.21	11.73
O ₇ Advertising		17.98	13.65	14.83	17.25	15.09	12.04
O ₈ Art education		6.87	7.29	7.00	7.60	8.79	8.36
O ₉ Support services for CCI		6.90	7.38	9.01	8.30	7.09	7.71
Industries out of CCI (but products of CCI)		24.72	26.70	23.13	23.62	25.12	23.95
Total CCI		100.00	100.00	100.00	100.00	100.00	100.00

2.2 Gross domestic product in the CCI sector

Gross domestic product (GDP) is one of the most monitored economic indicators of the economy. GDP in the CCI sector has been calculated by the production approach as the sum of the value added of CCI and net taxes on CCI products. The gross domestic product of CCI in 2021 amounted to 1,552.962 mill. EUR. This represented an increase of EUR 3.197 mill. EUR compared to 2020. The core domains (O1-O8) represent about 69.6%, *Support services for CCIs* (O9) about 7.4% and *Industries out of CCI* represent about 23.0% of the GDP of the whole CCI sector. The share of GDP of CCI sector was 1.55% to GDP of the whole economy in 2021, which was a decrease by 0.13% compared to 2020.

Table 2a Gross domestic product of CCI in the period 2016-2021 (mill. EUR)

Domains (by industries)	Gross domestic product						
	Year	2016	2017	2018	2019	2020	2021
O ₁ Cultural heritage		105.674	104.394	106.160	122.603	122.367	117.531
O ₂ Periodical and non-periodical printing		116.373	120.483	111.189	98.503	102.810	125.163
O ₃ Visual arts and crafts		42.376	48.407	40.626	39.587	44.228	77.818
O ₄ Architecture		95.298	111.187	150.393	122.104	130.931	112.200
O ₅ Performing arts		114.904	129.875	133.638	139.728	128.548	136.711
O ₆ Audiovisual and multimedia		144.156	142.498	174.179	186.762	170.584	195.936
O ₇ Advertising		256.352	192.404	228.216	277.428	235.911	191.188
O ₈ Art education		93.032	99.106	102.832	117.269	131.714	124.459
O ₉ Support services for CCI		74.198	87.130	133.274	128.551	106.651	115.502
Industries out of CCI (but products of CCI)		326.463	355.549	335.837	365.443	376.760	356.455
Total CCI		1,368.825	1,391.034	1,516.342	1,597.979	1,550.505	1,552.962
Total economy		81,226.073	84,850.874	89,605.907	93,900.450	92,079.253	100,323.453
Share of GDP of CCI in GDP of economy (%)		1.69	1.64	1.69	1.70	1.68	1.55

Table 2b Share of GDP of CCI by domains in GDP of the whole economy in the period 2016-2021 (%)

Domains (by industries)	Gross domestic product						
	Year	2016	2017	2018	2019	2020	2021
O ₁ Cultural heritage		0.13	0.12	0.12	0.13	0.13	0.12
O ₂ Periodical and non-periodical printing		0.14	0.14	0.12	0.10	0.11	0.12
O ₃ Visual arts and crafts		0.05	0.06	0.05	0.04	0.05	0.08
O ₄ Architecture		0.12	0.13	0.17	0.13	0.14	0.11
O ₅ Performing arts		0.14	0.15	0.15	0.15	0.14	0.14
O ₆ Audiovisual and multimedia		0.18	0.17	0.19	0.20	0.19	0.20
O ₇ Advertising		0.32	0.23	0.25	0.30	0.26	0.19
O ₈ Art education		0.11	0.12	0.11	0.12	0.14	0.12
O ₉ Support services for CCI		0.09	0.10	0.15	0.14	0.12	0.12
Industries out of CCI (but products of CCI)		0.40	0.42	0.37	0.39	0.41	0.36
Total CCI		1.69	1.64	1.69	1.70	1.68	1.55

Table 2c Share of GDP of CCI by domains in GDP of the whole CCI sector in the period 2016-2021 (%)

Domains (by industries)	Gross domestic product						
	Year	2016	2017	2018	2019	2020	2021
O ₁ Cultural heritage		7.72	7.50	7.00	7.67	7.89	7.57
O ₂ Periodical and non-periodical printing		8.50	8.66	7.33	6.16	6.63	8.06
O ₃ Visual arts and crafts		3.10	3.48	2.68	2.48	2.85	5.01
O ₄ Architecture		6.96	7.99	9.92	7.64	8.44	7.22
O ₅ Performing arts		8.39	9.34	8.81	8.74	8.29	8.80
O ₆ Audiovisual and multimedia		1.10	10.24	11.49	11.69	11.00	12.62
O ₇ Advertising		18.73	13.83	19.62	17.36	15.22	12.31
O ₈ Art education		6.80	7.12	5.78	7.34	8.49	8.01
O ₉ Support services for CCI		5.42	6.26	8.79	8.04	6.88	7.44
Industries out of CCI (but products of CCI)		23.85	25.56	22.15	22.87	24.30	22.95
Total CCI		100.00	100.00	100.00	100.00	100.00	100.00

Chart 1

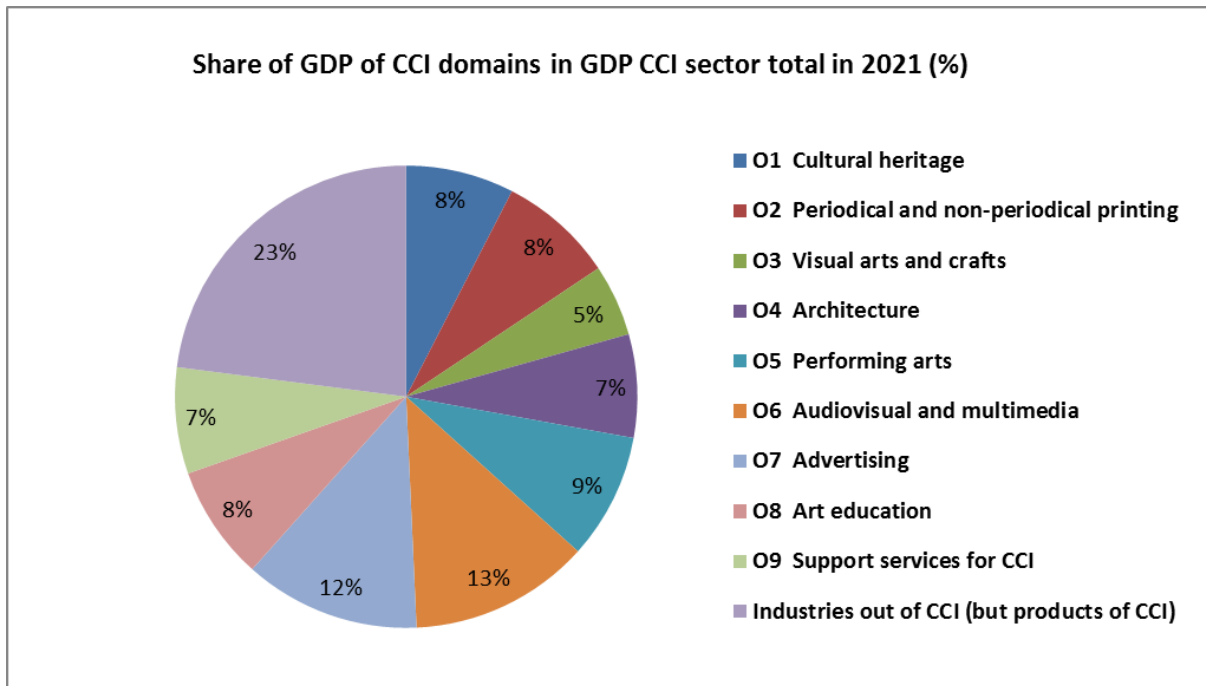
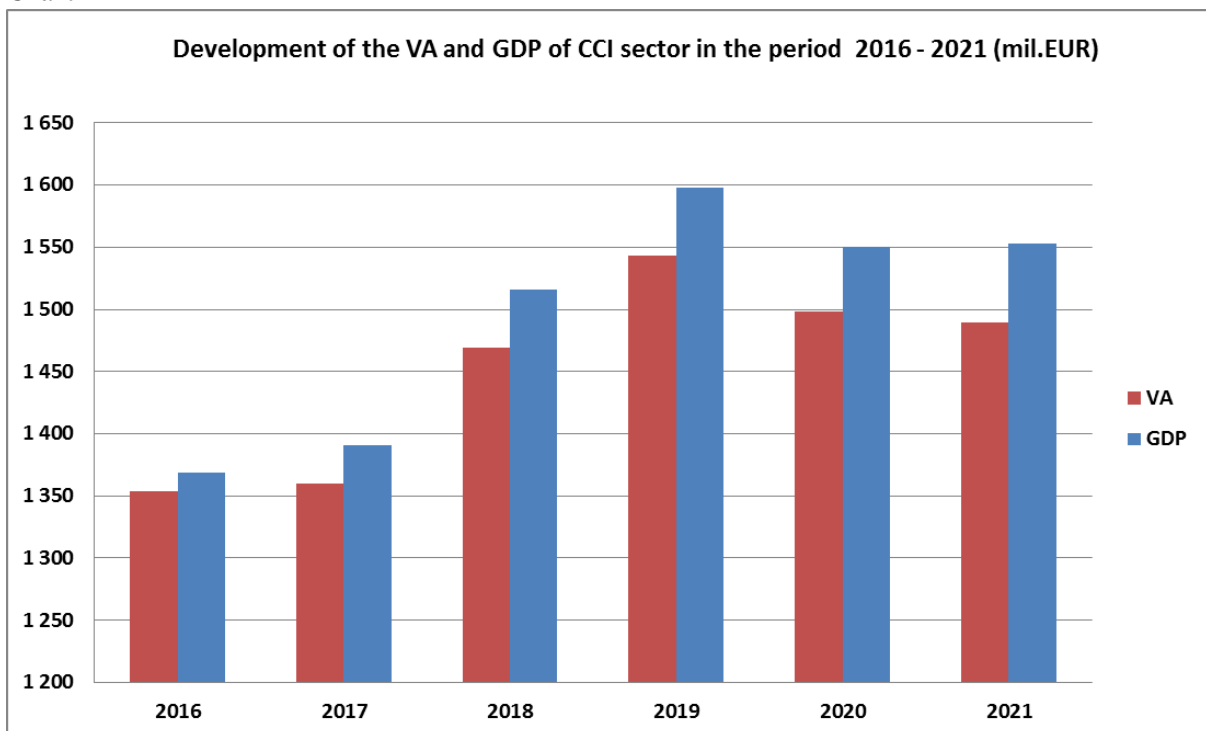


Chart 2



The overall development of VA and GDP is characterized by declining trend from 2016 to 2019, and in 2020 and 2021 we note a slight decrease of VA and GDP.

Advertising, Audiovisual and multimedia and Art education have the major share in VA and GDP among all domains of CCI. *Visual arts and crafts* have the least share in VA and GDP. The *Industries out of CCI* have significant share in VA and GDP of CCI. It means that nearly 22.95 % (in 2021) of GDP CCI is created by industries which don't belong to the CCI sector, but which produce some goods and services classified as CCI products.

2.3 Employment in CCI sector

Employment in CCI sector is declared by average number of full time equivalent persons. These are only those jobs that belongs in the CCI job categories. Initially, employment was quantified in the industries (O1-O8), (O9) domains as well as in *Industries out of CCI* and next the CCI occupations were determined by ISCO classification.

The employment of CCI in full time equivalent (employees and self-employed) estimated in all industries of the economy for 2021 represents about 1.45% of total employment of whole economy. Employment of core domains (O₁-O₈) represents about 63.8%, support services of CCI (O₉) about 3.4% of total CCI employment. Also in *Industries out of CCI* sector occurs CCI-related employees. They represent about 32.8% of total CCI employment.

Table 3 Employment of CCI in the period 2016-2021 (average full time equivalent)

Domains (by industries)	Employment of CCI (employees and self-employed)						
	Year	2016	2017	2018	2019	2020	2021
O ₁ Cultural heritage		2,954	3,167	3,028	3,175	2,954	2,805
O ₂ Periodical and non-periodical printing		3,461	3,504	3,087	2,807	2,127	2,682
O ₃ Visual arts and crafts		1,372	1,544	1,475	1,707	1,788	1,989
O ₄ Architecture		1,669	1,921	1,968	2,043	1,911	1,847
O ₅ Performing arts		2,706	2,543	2,795	2,684	2,705	3,004
O ₆ Audiovisual and multimedia		2,127	2,372	2,416	2,557	2,406	2,534
O ₇ Advertising		2,558	2,930	2,904	3,089	2,736	2,471
O ₈ Art education		3,581	3,532	3,714	4,284	4,663	4,155
O ₉ Support services for CCI		1,140	1,082	1,031	1,229	918,000	1,151
Industries out of CCI (but products of CCI)		10,732	10,580	10,870	10,846	10,404	11,052
Employment of CCI total		32,300	33,175	33,288	34,423	32,612	33,692
Employment of economy total		2,277,725	2,321,208	2,365,677	2,391,696	2,336,894	2,329,713
Share of employment of CCI in employment of economy (%)		1.42	1.43	1.41	1.44	1.40	1.45

2.4 Import, export and external balance of CCI products

The statistics on international trade (INTRASTAT, EXTRASTAT) was used as an essential source of identification of export and import of CCI goods. For identification of export and import of CCI services, the services from the Balance of Payments of National Bank of Slovakia reclassified to CPA product classification were taken. Because, for many products doesn't exist data in detailed CPA classification, the expert estimation were used.

Table 4 Import of CCI in the period 2016-2021 (mill. EUR)

Groups of CCI products	Year	Import					
		2016	2017	2018	2019	2020	2021
P ₁ Heritage, Archives, Libraries		0.189	0.158	0.524	0.862	0.294	0.314
P ₂ Books and press		72.736	78.105	92.925	81.550	76.959	82.553
P ₃ Visual arts services		20.079	26.190	29.568	29.656	20.475	31.590
P ₄ Architectural services		1.566	14.311	1.766	3.552	1.396	0.912
P ₅ Performing arts services		0.000	0.000	0.000	0.000	0.000	0.000
P ₆ Audiovisual and multimedia		37.339	16.766	48.902	85.940	83.603	63.616
P ₇ Advertising services		61.672	44.737	62.169	74.309	55.331	71.719
P ₈ Interdisciplinary products		27.879	31.897	49.464	53.894	24.573	33.497
P ₉ Minor products of CCI		0.889	0.849	1.047	1.520	1.289	1.454
Total CCI		222.348	213.012	286.365	331.282	263.920	285.656
Total economy		70,927.903	76,913.680	82,011.021	83,897.076	76,491.478	91,154.843
Share of CCI import in total import (%)		0.31	0.28	0.35	0.39	0.35	0.31

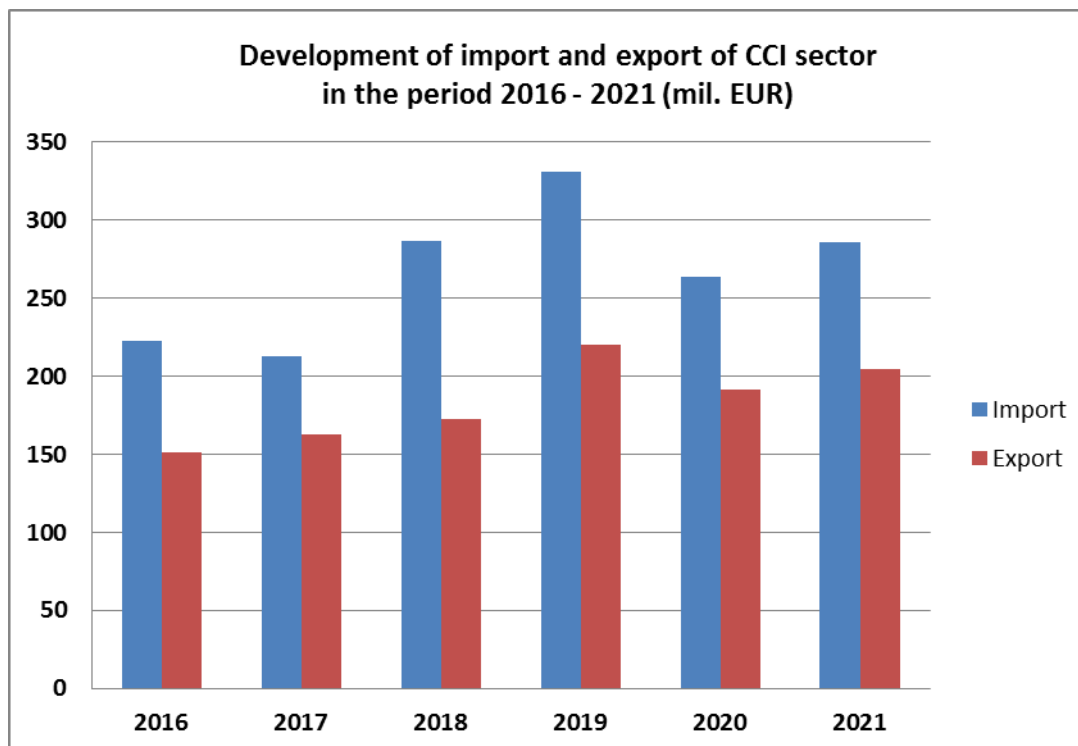
Table 5 Export of CCI in the period 2016-2021 (mill. EUR)

Groups of CCI products	Year	Export					
		2016	2017	2018	2019	2020	2021
P ₁ Heritage, Archives, Libraries		0.000	0.030	0.011	0.129	0.196	0.299
P ₂ Books and press		45.762	26.724	39.922	40.420	37.669	59.554
P ₃ Visual arts services		14.714	14.930	6.310	14.497	13.826	16.015
P ₄ Architectural services		2.342	14.749	3.734	2.232	1.461	1.875
P ₅ Performing arts services		0.000	0.000	0.000	0.000	0.000	0.000
P ₆ Audiovisual and multimedia		20.842	5.382	27.041	58.029	50.426	41.358
P ₇ Advertising services		46.565	82.372	79.823	89.503	72.054	60.520
P ₈ Interdisciplinary products		20.609	17.442	14.549	14.248	14.791	23.551
P ₉ Minor products of CCI		0.640	0.879	1.116	1.362	1.123	1.087
Total CCI		151.474	162.508	172.506	220.419	191.545	204.258
Total economy		73,249.819	79,400.938	83,441.327	83,844.194	77,485.227	91,621.973
Share of CCI export in total export (%)		0.21	0.20	0.21	0.26	0.25	0.22

Table 6 External balance of CCI in the period 2016-2021 (mill. EUR)

Groups of CCI products	Year	External balance					
		2016	2017	2018	2019	2020	2021
P ₁ Heritage, Archives, Libraries		-0.189	-0.128	-0.513	-0.732	-0.098	-0.016
P ₂ Books and press		-26.974	-51.381	-53.003	-41.130	-39.290	-22.999
P ₃ Visual arts services		-5.364	-11.259	-23.258	-15.159	-6.649	-15.575
P ₄ Architectural services		0.776	0.439	1.968	-1.320	0.065	0.963
P ₅ Performing arts services		0.000	0.000	0.000	0.000	0.000	0.000
P ₆ Audiovisual and multimedia		-16.496	-11.384	-21.862	-27.911	-33.177	-22.258
P ₇ Advertising services		-15.107	37.635	17.654	15.194	16.723	-11.199
P ₈ Interdisciplinary products		-7.270	-14.455	-34.914	-39.646	-9.782	-9.946
P ₉ Minor products of CCI		-0.250	0.030	0.068	-0.158	-0.166	-0.367
Total CCI		-70.874	-50.504	-113.859	-110.863	-72.375	-81.398

Chart 3



External balance of CCI products was negative during the whole reported period 2016-2021. In 2021, it reached -81.398 mill. EUR. The negative balance was influenced mainly by group of products *Books and press (P₂)* and *Audiovisual and multimedia (P₆)*. Only *Architectural services (P₄)* reached the positive balance in 2021.

2.5 Source of funding of CCI products

Funding of CCI comes either from domestic or foreign institutional units. According to SNA the source of funding is defined by expenditures of general government, households, non-profit institutions serving households as well as by corporations. These expenditures contain the purchases of domestic as well as imported products in market prices (including taxes on products without subsidies on products). The expenditures of non-residents are presented by exports.

Table 7 Sources of funding of CCI in 2021 (mill. EUR)

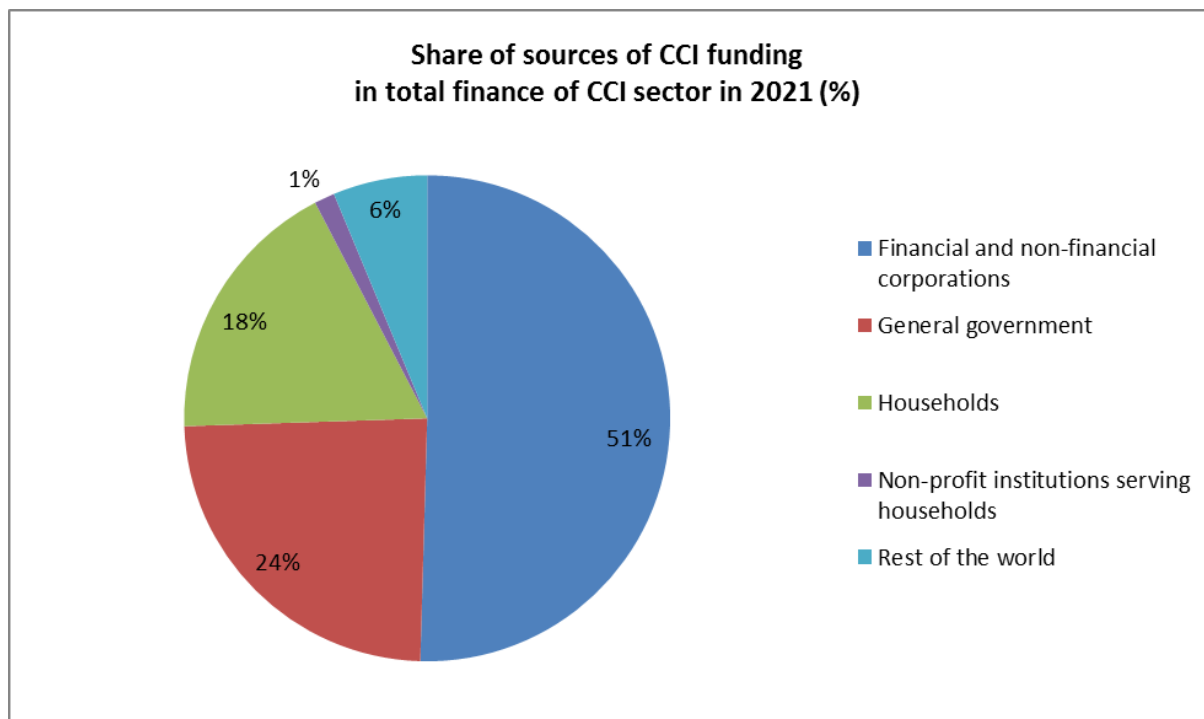
Groups of CCI products	Sources of funding				
	Financial and non-financial corporations	General government	Households	Non-profit institutions serving households	Rest of the world
P ₁ Heritage, Archives, Libraries	12.201	146.832	8.272	0.912	0.299
P ₂ Books and press	39.042	2.885	184.534	0.000	59.554
P ₃ Visual arts services	109.298	0.000	64.200	0.084	16.015
P ₄ Architectural services	293.651	0.000	69.238	0.174	1.875
P ₅ Performing arts services	81.796	150.185	18.656	5.243	0.000
P ₆ Audiovisual and multimedia	195.980	152.121	194.901	0.000	41.358
P ₇ Advertising services	809.577	0.000	0.000	0.000	60.520
P ₈ Interdisciplinary products	77.453	276.596	42.270	35.964	23.551
P ₉ Minor products of CCI	23.028	53.472	0.184	1.670	1.087
Total CCI	1,642.026	782.091	582.255	44.047	204.258
Total economy	156,011.150	21,179.241	55,564.200	921.482	91,621.973
Share of sources of CCI funding in total economy (%)	1.05	3.69	1.05	4.78	0.22
Share of sources of CCI funding in total CCI sector (%)	50.45	24.03	17.89	1.35	6.28

Table 8 Share of sources of CCI funding in total finance of CCI sector in 2021 (%)

Groups of CCI products	Sources of funding					
	Total	Financial and non-financial corporations	General government	Households	Non-profit institutions serving households	Rest of the world
P ₁ Heritage, Archives, Libraries	100.00	7.24	87.13	4.91	0.54	0.18
P ₂ Books and press	100.00	13.65	1.01	64.52	0.00	20.82
P ₃ Visual arts services	100.00	57.65	0.00	33.86	0.04	8.45
P ₄ Architectural services	100.00	80.47	0.00	18.97	0.05	0.51
P ₅ Performing arts services	100.00	31.97	58.69	7.29	2.05	0.00
P ₆ Audiovisual and multimedia	100.00	33.54	26.03	33.35	0.00	7.08
P ₇ Advertising services	100.00	93.04	0.00	0.00	0.00	6.96
P ₈ Interdisciplinary products	100.00	16.99	60.68	9.27	7.89	5.17
P ₉ Minor products of CCI	100.00	28.99	67.31	0.23	2.10	1.37
Total CCI	100.00	50.45	24.03	17.89	1.35	6.28

Total amount of financial sources that covers offer of CCI products in 2021 has been estimated to 3,254.677 mill. EUR. The biggest part (51%) comes from financial and non-financial corporations. The second biggest part (24%) is created by general government, the third one are households (18%), the fourth position (6%) belongs to rest of the world and the last one (1%) are non-profit institutions serving households.

Chart 4



The share of funding sources in particular groups of CCI products in 2021 varies. The general government participated mostly on financing of the product group *Heritage, Archives, Libraries* (87%) and *Minor products of CCI* (67%) as well as *Interdisciplinary products* (61%) and *Performing arts services* (59%).

Financial and non-financial corporations as well as households participated mostly on financing in market-oriented industries.

Financial and non-financial corporations participated mostly on financing of services: *Advertising services* (93%), *Architectural services* (80%), *Visual arts services* (58%) and *Audiovisual and multimedia* (34%).

Households participated predominantly on financing of CCI product groups *Books and press* (65%) and *Visual arts services* (34%). Expenditures of households on CCI represent about 1.05% of entire final consumption expenditures of households.

Non-profit institutions serving households had got only tiny share on financing of CCI products. The biggest share (8%) was in financing of *Interdisciplinary products*.

Foreign countries participated mostly on financing of CCI product group *Books and press* (21%) and *Visual arts services* (8%).

3 Conclusion

VA, GDP and employment in CCI sector are considered the key indicators determining economic significance of CCI sector within the whole economy of SR.

The value added of CCI in the year 2021 accounted for 1,489.482 mill. EUR. Its share in the value added of the whole economy represented 1.66%.

Gross Domestic Product of CCI in the year 2021 was reported in the amount of 1,552.962 mill. EUR, which represents 1.55% share in GDP of the whole economy.

Estimated full time equivalent employment of CCI (employees and self-employed) in all industries of the Slovak economy in 2021 accounted for about 1.45% of the whole employment.

The analyses of data proved that sources of data were relatively sufficient, but not always data are in needed detailed structure regarding CCI industries or products. Therefore it was necessary to use expert estimations for the compilation of particular parts of SA CCI SR.

In case of quality improvement and more detailed structure of disposable data sources it will be possible to precise some parts of satellite account.

The methodology of composition of SA CCI is continually developing. However, there is currently no mandatory direction of Eurostat for composition of satellite account of culture and creative industry which would ensure a comparability of results among satellite accounts of several countries.

Guideline and methodology of composition of SA CCI SR is not considered completed and is developing continually. Future possible revisions can incorporate changes arising from international guides of Eurostat, e.g. changes of CCI framework setup, precision of the methodology of SA CCI or other changes arising from revision of National Accounts of SR.

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