

News Release

EMBARGOED UNTIL RELEASE AT 10:00 a.m. EDT, Wednesday, March 15, 2023

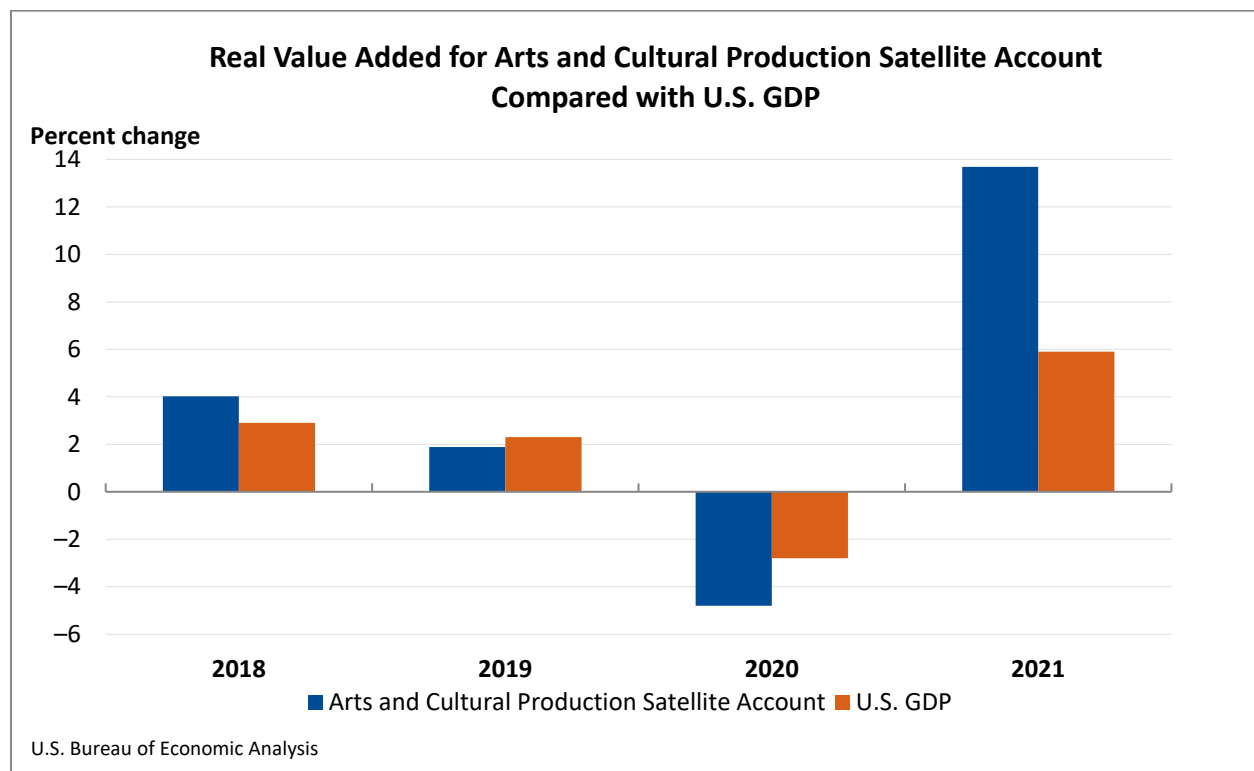
BEA 23-09

Technical:	Kenneth Beatty (National)	301-278-9572	ArtsandCulture@bea.gov
	Clifford Woodruff (Regional)	301-278-9234	
Media:	Connie O’Connell	301-278-9003	Connie.OConnell@bea.gov

Arts and Cultural Production Satellite Account, U.S. and States

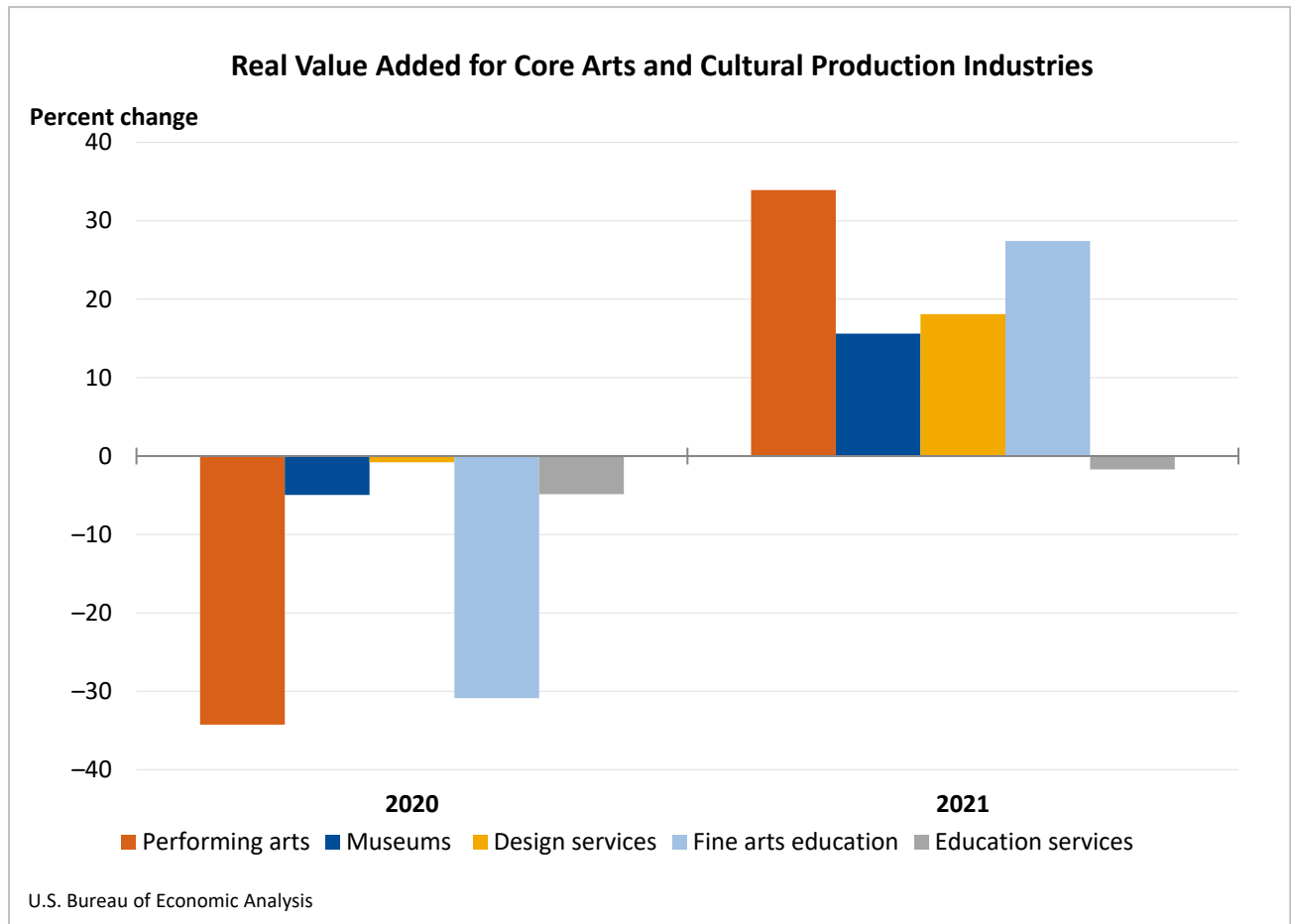
New statistics for 2021; 2017–2020 updated

The Arts and Cultural Production Satellite Account released today by the Bureau of Economic Analysis (BEA) shows that arts and cultural economic activity, adjusted for inflation, increased 13.7 percent in 2021 after decreasing 4.8 percent in 2020 (table 1). By comparison, the broader economy, as measured by real gross domestic product (GDP), increased 5.9 percent in 2021 after decreasing 2.8 percent in 2020. Arts and cultural economic activity accounted for 4.4 percent of gross domestic product (GDP), or \$1.02 trillion, in 2021 (tables 2 and 3).



Real (inflation adjusted) value added for core arts and cultural production industries, which include performing arts, museums, design services, fine arts education, and education services, increased 22.4 percent in 2021. Supporting arts and cultural production industries, which include art support services and information services, increased 11.6 percent in 2021 (table 1).

- Performing arts increased 33.9 percent in 2021 after decreasing 34.3 percent in 2020. The leading contributor to the increase was promoters of performing arts and similar events, which increased 122.4 percent in 2021 after decreasing 54.5 percent in 2020.
- Museums increased 15.6 percent in 2021 after decreasing 5.0 percent in 2020.
- Design services increased 18.1 percent in 2021 after decreasing 0.8 percent in 2020.
- Fine arts education increased 27.4 percent in 2021 after decreasing 30.9 percent in 2020.
- Education services decreased 1.7 percent in 2021 after decreasing 4.9 percent in 2020.



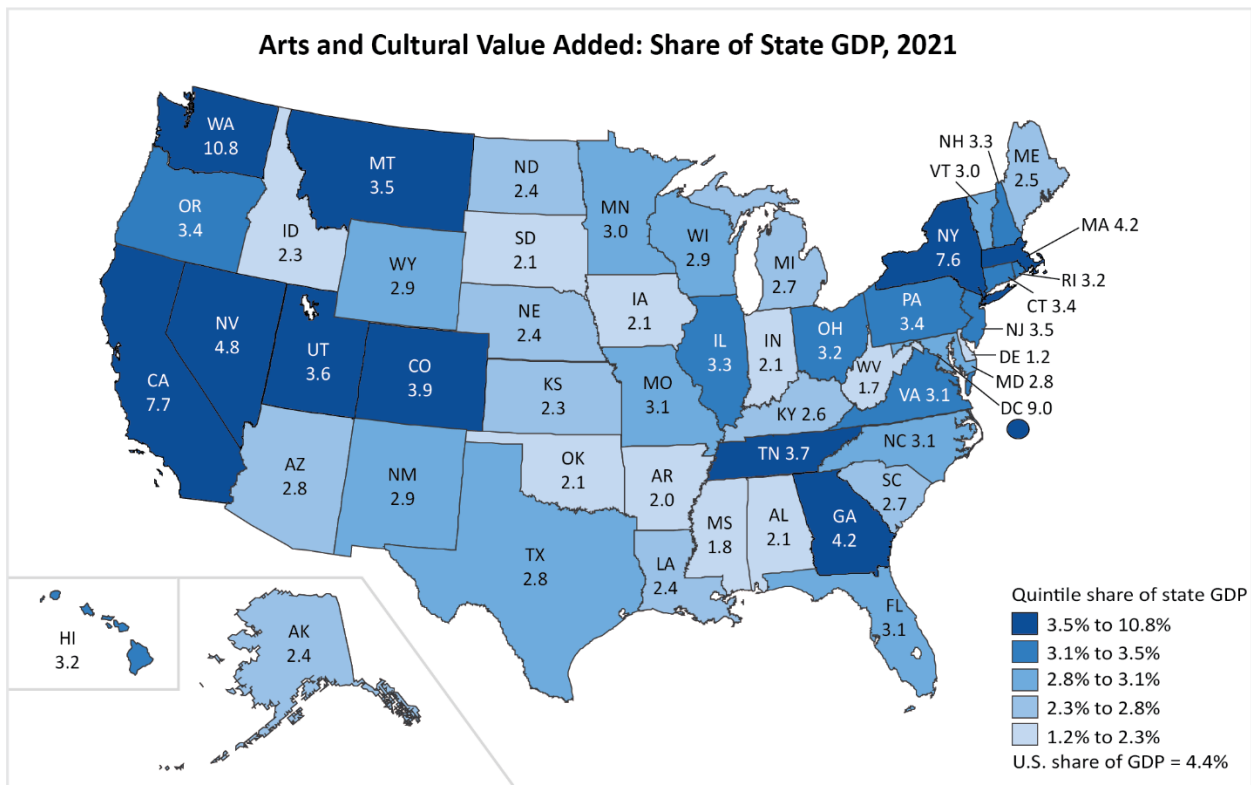
Nominal value added

Nominal value added (not adjusted for inflation) increased 14.4 percent nationally in 2021 (table 2). The leading contributor to the increase was supporting arts and cultural production industries (table 4). Supporting arts and cultural production industries increased 12.8 percent, to a level of \$778.4 billion; the leading contributor to the increase was information services. Core arts and cultural industries increased 20.8 percent in 2021, to a level of \$214.3 billion; the leading contributors to the increase were performing arts and design services.

In 2021, nominal value added in arts and cultural industries increased in every state and the District of Columbia. The percent change in value added in arts and cultural industries across all states ranged from 23.2 percent in Tennessee to 3.2 percent in Arkansas (table 2).

In Tennessee, the state with the largest increase in value added, sound recording, publishing, and independent artists, writers, and performers industries were the leading contributors to the increase in value added (table 4). In Arkansas, the state with the smallest increase in value added, a decrease in construction mitigated the increase.

For states and the District of Columbia, the arts and cultural share of their total GDP ranged from 10.8 percent in Washington to 1.2 percent in Delaware (table 3). The share for most states ranged between 2 and 5 percent. Washington, the District of Columbia, California, and New York were the only areas where the arts and cultural share of total GDP exceeded 5 percent.



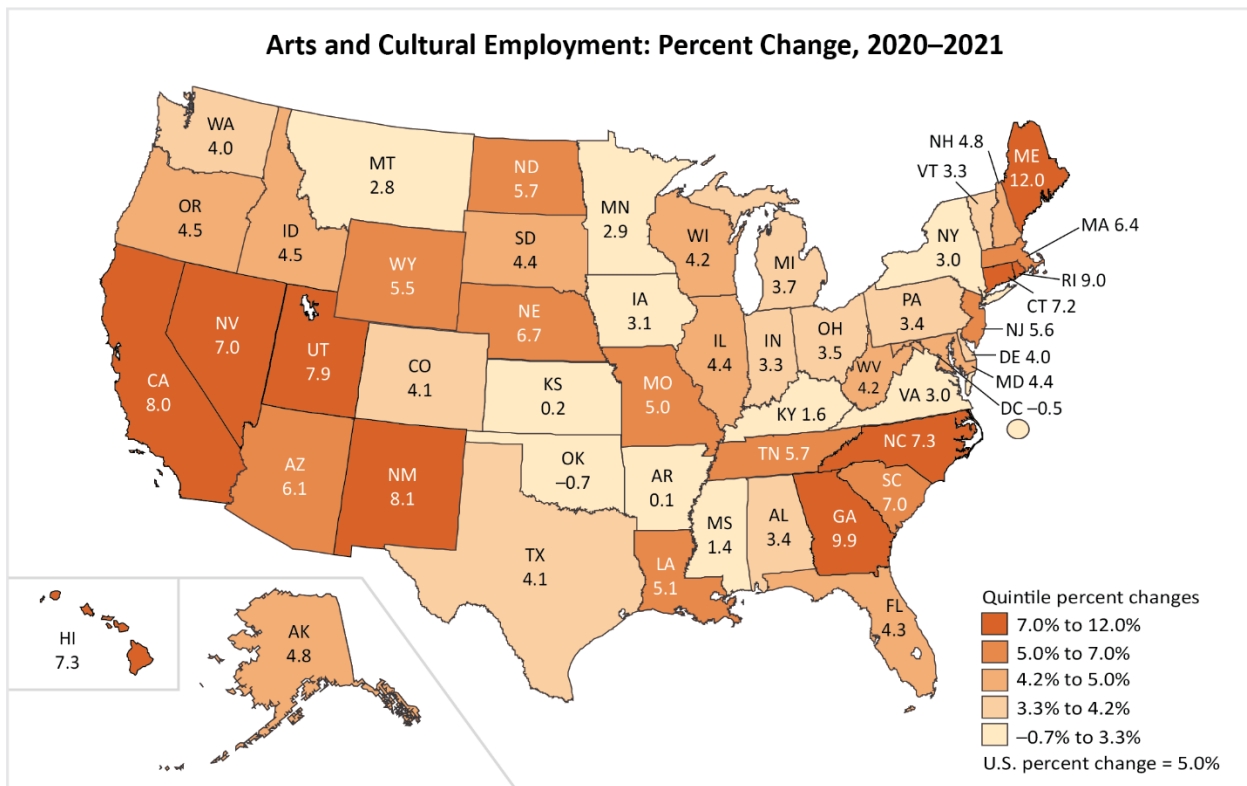
U.S. Bureau of Economic Analysis

The top arts and cultural industries varied among the states. In Washington, publishing and other information services were the leading contributors to the share of total state GDP (table 3). Government and broadcasting were the leading contributors to the share of GDP in the District of Columbia, while other information services and motion pictures were the leading contributors to the share of GDP in California. Broadcasting and other information services were the leading contributors to the share of GDP in New York.

Employment

Arts and cultural employment nationwide increased 5.0 percent in 2021 (table 8). The total number of arts and cultural jobs for the nation was 4.9 million. Arts and cultural employment increased in 49 states. The percent change in arts and cultural employment across all states ranged from 12.0 percent in Maine to -0.7 percent in Oklahoma.

Maine had 16,743 jobs related to arts and culture, representing 2.6 percent of all jobs in the state. Construction and retail industries were the leading contributors to the increase in arts and cultural employment in Maine (table 9). In Oklahoma, construction was the leading contributor to the decrease in arts and cultural employment.



U.S. Bureau of Economic Analysis

Compensation

Arts and cultural compensation nationwide increased 11.3 percent in 2021 (table 8). Arts and cultural compensation increased in all 50 states and the District of Columbia. The percent change in arts and cultural compensation across all states ranged from 18.9 percent in Georgia to 0.5 percent in Arkansas.

Update of arts and cultural production statistics

Today, BEA also released updated national-level arts and cultural production statistics on output, value added, intermediate inputs, employment, and compensation from 2017 to 2020, with new statistics for 2021, and updated state-level statistics on value added, employment, and compensation from 2017 to 2020, with new statistics for 2021. These revised and newly available statistics primarily reflect the incorporation of revised and newly available source data from the 2022 annual updates of BEA's National and Regional Economic Accounts. Combined with new and revised arts and cultural production-specific source data, these improvements allow the arts and cultural production statistics to capture the dynamics of this sector more accurately.

BEA's Arts and Cultural Production Satellite Account is supported by funding from the National Endowment for the Arts.

Next release: March 2024

Arts and Cultural Production Satellite Account, U.S. and States, 2022

Additional Information

Resources

- The full economic effects of the COVID–19 pandemic cannot be quantified in these statistics, because the impacts are generally embedded in source data and cannot be separately identified. For more information about COVID–19 impacts, refer to [“Federal Recovery Programs and BEA Statistics”](#) on our website.
- Stay informed about BEA developments by reading [The BEA Wire](#), signing up for BEA’s [email subscription service](#), or following BEA on Twitter [@BEA_News](#).
- The time series of detailed annual statistics for 1998 through 2021 are available at [“Arts and Culture.”](#)
- Access BEA data by registering for BEA’s [Data Application Programming Interface](#).
- For more on BEA’s statistics, see our online journal, the [Survey of Current Business](#).
- For upcoming economic indicators, see BEA’s [news release schedule](#).
- For complete information on the sources and methods used to estimate arts and cultural production, see BEA’s [arts and cultural production methodology](#).

Definitions

Defining “culture” in the context of input-output tables for the Arts and Cultural Production Satellite Account. Culture can be defined in a variety of ways, including language, traditions, beliefs, and values. For this account, arts and cultural production is defined narrowly to include creative artistic activity—the goods and services produced by it, the goods and services produced in support of it, and the construction of buildings in which it takes place. The input-output table is a valuable tool to identify and estimate the value of the “creative chain.” This chain captures the economic value of the creation of a cultural product (composing a symphony) from its production (the performance being recorded in a studio), distribution (by various modes), and final consumption (by the listener).

Output. Arts and cultural production output consists of all domestically produced goods and services purchased (for example, movie tickets or design services).

Employment. Arts and cultural production employment consists of all wage and salary jobs in which the workers are engaged in the production of arts and cultural production-related goods and services.

Compensation. Arts and cultural production compensation consists of the remuneration (including wages and salaries, as well as benefits such as employer contributions to

pension and health funds) payable to employees in return for their arts and cultural production-related work during a given year.

Value added. Arts and cultural production value added consists of output less intermediate consumption (for example, costumes rented by performing arts companies or printing of the program for the show).

Gross domestic product (GDP) is the value of the goods and services produced by the nation’s economy less the value of the goods and services used up in production. GDP is also equal to the sum of personal consumption expenditures, gross private domestic investment, net exports of goods and services, and government consumption expenditures and gross investment.

Core arts and cultural production industries are originators of ideas and content associated with the creation of arts and culture. Supporting industries produce and disseminate arts and cultural commodities.

Current-dollar estimates are valued in the prices of the period when the transactions occurred—that is, at “market value.” Also referred to as “nominal estimates” or “current-price estimates.”

Real values are inflation-adjusted estimates—that is, estimates that exclude the effects of price changes.

Statistical conventions

Quantities and prices. Quantities, or “real” measures, and prices are expressed as index numbers with a specified reference year equal to 100 (currently 2012). Quantity and price indexes are calculated using a Fisher chain-weighted formula that incorporates weights from two adjacent periods (quarters for quarterly data and annuals for annual data). “Real” dollar series are calculated by multiplying the published quantity index by the current-dollar value in the reference year (2012) and then dividing by 100. Percent changes calculated from chained-dollar levels and quantity indexes are conceptually the same; any differences are due to rounding.

Chained-dollar values are not additive, because the relative weights for a given period differ from those of the reference year. In tables that display chained-dollar values, the value of the “not allocated by industry” line reflects the difference between the first line and the sum of the most detailed lines. For the real value added by industry table, this value also reflects differences in source data used to estimate GDP by industry and the expenditures measure of real GDP.

News Release Tables

- Table 1. Real Value Added by Arts and Cultural Production Industry: Percent Change from Preceding Period
- Table 2. Arts and Cultural Production Value Added by State, 2021
- Table 3. Industry Contributions to the Arts and Cultural Production Share of GDP, 2021
- Table 4. Industry Contributions to Percent Change in Value Added of Arts and Cultural Production by State, 2021
- Table 5. Real Gross Output by Arts and Cultural Production Commodity: Percent Change from Preceding Period
- Table 6. Real Gross Output by Arts and Cultural Production Commodity
- Table 7. Gross Output by Arts and Cultural Production Industry
- Table 8. Arts and Cultural Production Employment and Compensation by State, 2021
- Table 9. Industry Contributions to Percent Change in Arts and Cultural Production Employment by State, 2021
- Table 10. Real Gross Output Contributions by Arts and Cultural Production Industry
- Table 11. Industry Contributions to Percent Change in Value Added of Arts and Cultural Production

Table 1. Real Value Added by Arts and Cultural Production Industry: Percent Change from Preceding Period

Line	ACPSA industry description	2017	2018	2019	2020	2021
1	Total	2.6	4.0	1.9	-4.8	13.7
2	Core arts and cultural production	2.8	7.9	3.3	-15.4	22.4
3	Performing arts	3.3	6.5	2.7	-34.3	33.9
4	Performing arts companies	-1.2	0.7	0.0	-28.4	17.7
5	Promoters of performing arts and similar events	3.7	6.0	0.4	-54.5	122.4
6	Agents/managers for artists	-0.7	7.6	4.2	-28.3	58.3
7	Independent artists, writers, and performers	5.4	8.7	4.3	-29.5	15.8
8	Museums	-2.3	8.0	-1.6	-5.0	15.6
9	Design services	3.1	9.4	4.1	-0.8	18.1
10	Advertising	4.8	9.5	1.1	5.7	25.8
11	Architectural services	4.0	8.3	9.0	-4.9	6.2
12	Landscape architectural services	7.7	8.2	6.3	0.0	11.7
13	Interior design services	-3.1	14.3	3.4	0.3	15.5
14	Industrial design services	8.5	2.6	6.2	8.0	22.5
15	Graphic design services	-3.3	1.5	6.3	-1.8	17.3
16	Computer systems design	12.6	12.6	7.7	5.5	10.6
17	Photography and photofinishing services	3.6	14.2	0.0	-18.0	27.0
18	All other design services	2.6	5.0	4.6	-18.3	23.7
19	Fine arts education	4.6	12.0	8.0	-30.9	27.4
20	Education services	-1.0	2.8	1.8	-4.9	-1.7
21	Supporting arts and cultural production	2.7	3.1	1.5	-1.5	11.6
22	Art support services	0.5	0.7	1.1	-3.5	0.7
23	Rental and leasing	-4.8	4.8	1.9	-29.0	14.1
24	Grantmaking and giving services	2.5	-4.6	11.0	-12.9	-10.1
25	Unions	4.2	2.3	0.6	-3.0	5.0
26	Government	0.7	0.5	1.0	-1.9	0.1
27	Other support services	14.7	9.8	-5.1	-75.0	270.0
28	Information services	2.1	4.4	2.0	1.3	15.6
29	Publishing	3.9	7.8	5.8	10.9	15.0
30	Motion pictures	-0.3	-6.8	-5.5	-14.1	17.9
31	Sound recording	7.8	3.2	8.1	3.5	28.7
32	Broadcasting	-0.8	-0.1	-2.2	-1.5	4.8
33	Other information services	7.2	18.8	9.1	5.1	27.3
34	Manufacturing	4.8	2.1	-5.2	-16.0	5.1
35	Jewelry and silverware manufacturing	1.5	12.0	-11.2	-20.8	16.8
36	Printed goods manufacturing	4.1	-0.9	-5.8	-19.2	3.4
37	Musical instruments manufacturing	2.7	2.0	6.7	-15.3	15.6
38	Custom architectural woodwork and metalwork manufacturing	3.5	-3.0	-4.4	-20.1	1.6
39	Other goods manufacturing	11.5	3.0	-1.4	-0.9	1.4
40	Construction	10.9	-2.4	1.6	-24.0	-3.5
41	NonACPSA-related production	-3.4	-0.3	0.7	-7.8	10.5
42	Wholesale and transportation industries	7.7	-1.3	-0.6	-5.3	8.1
43	Retail industries	6.5	2.2	2.7	-5.3	10.7
44	All other industries¹	-3.4	-0.3	0.7	-7.8	10.5

ACPSA Arts and Cultural Production Satellite Account

1. Consists of the industries with secondary production designated as artistic and cultural.

Note. A concordance of NAICS and ACPSA industries is available at <https://apps.bea.gov/regional/xls/ListofARTSIndustries.xlsx>.

U.S. Bureau of Economic Analysis

Table 2. Arts and Cultural Production Value Added by State, 2021

	Thousands of dollars			Percent change, 2020–2021		
	Arts and cultural production industries			Arts and cultural production industries		
	Total ¹	Core	Supporting	Total ¹	Core	Supporting
United States	1,016,249,143	214,338,067	778,395,590	14.4	20.8	12.8
Alabama	5,435,698	924,872	4,232,956	9.2	22.1	6.4
Alaska	1,378,637	135,336	1,199,009	7.5	20.9	6.0
Arizona	11,595,641	2,614,107	8,548,692	15.1	24.1	12.6
Arkansas	2,999,510	684,925	2,138,772	3.2	21.5	-2.3
California	261,132,168	58,068,737	200,243,243	18.4	19.4	18.1
Colorado	16,861,709	4,039,581	12,374,334	11.6	25.0	7.7
Connecticut	10,068,589	2,253,346	7,502,009	11.6	23.4	8.5
Delaware	972,965	228,650	661,482	9.5	23.4	5.0
District of Columbia	13,770,545	3,701,539	9,965,062	11.1	21.0	7.8
Florida	39,003,845	10,578,684	27,046,736	15.1	21.0	12.8
Georgia	29,219,896	5,950,743	22,551,730	18.3	20.3	17.8
Hawaii	2,910,620	759,310	2,075,329	13.2	29.5	8.1
Idaho	2,192,993	445,362	1,644,348	14.7	29.3	11.2
Illinois	31,104,072	8,695,145	21,390,003	15.1	19.2	13.5
Indiana	8,610,796	1,715,680	6,432,431	9.8	22.5	6.5
Iowa	4,545,837	792,795	3,513,536	7.0	17.9	4.4
Kansas	4,444,433	725,203	3,502,065	4.2	13.6	2.0
Kentucky	6,095,936	975,986	4,846,613	5.8	25.2	2.2
Louisiana	6,089,653	1,205,218	4,578,962	10.6	24.7	7.2
Maine	1,973,164	556,264	1,335,513	20.9	33.6	16.7
Maryland	12,330,826	2,306,740	9,605,299	16.8	12.6	18.0
Massachusetts	27,245,018	5,962,756	20,641,978	11.7	20.0	9.5
Michigan	15,468,704	3,898,013	10,686,256	10.7	18.1	7.2
Minnesota	12,436,176	3,043,515	8,916,765	8.7	16.6	6.1
Mississippi	2,273,486	288,780	1,833,526	7.1	15.7	5.2
Missouri	11,020,114	2,723,481	7,852,449	12.0	20.5	9.1
Montana	2,072,986	447,830	1,563,853	13.2	35.5	8.0
Nebraska	3,565,092	724,180	2,692,024	13.3	16.5	12.5
Nevada	9,368,677	2,341,351	6,848,525	16.5	54.1	7.4
New Hampshire	3,262,530	545,102	2,604,815	9.4	15.7	7.8
New Jersey	23,991,258	4,630,150	18,613,358	14.1	27.8	11.1
New Mexico	3,198,923	483,465	2,606,058	19.7	40.5	16.6
New York	143,826,814	34,095,305	108,143,324	13.2	17.2	12.0
North Carolina	20,215,729	4,071,689	15,495,365	16.5	30.4	13.4
North Dakota	1,499,303	193,486	1,243,433	8.5	20.4	6.7
Ohio	23,875,044	4,683,146	18,354,333	9.4	21.5	6.5
Oklahoma	4,496,569	1,050,432	3,189,524	6.2	24.3	0.8
Oregon	9,306,953	2,041,785	6,986,143	11.3	15.4	10.0
Pennsylvania	28,601,993	5,740,468	21,905,851	8.6	19.2	5.9
Rhode Island	2,163,225	462,663	1,620,472	13.6	18.6	12.0
South Carolina	7,344,356	1,509,588	5,555,188	19.3	27.6	17.4
South Dakota	1,270,938	222,712	984,651	9.7	21.3	7.1
Tennessee	15,930,522	4,147,951	11,320,535	23.2	39.8	18.4
Texas	56,678,506	11,857,209	42,673,065	12.0	20.9	9.6
Utah	8,142,773	1,598,693	6,342,913	14.9	21.5	13.4
Vermont	1,095,835	307,318	749,378	6.9	25.2	0.6
Virginia	18,843,880	3,842,732	14,387,995	12.4	25.2	9.3
Washington	72,870,277	3,578,627	68,795,128	15.8	19.6	15.6
West Virginia	1,420,884	136,364	1,194,546	7.9	28.5	5.6
Wisconsin	10,828,800	2,156,557	8,240,534	8.4	20.6	5.4
Wyoming	1,196,244	194,499	965,482	11.5	17.7	10.2

ACPSA Arts and Cultural Production Satellite Account

1. Total arts and cultural production industries includes core industries, supporting industries, and industries with secondary production that is designated as artistic and cultural.

Note. A concordance of NAICS and ACPSA industries is available at <https://apps.bea.gov/regional/xls/ListofARTSIndustries.xlsx>

U.S. Bureau of Economic Analysis

Table 3. Industry Contributions to the Arts and Cultural Production Share of GDP by State, 2021—Continues

	Total arts and cultural production industries as a share of GDP ¹ (percent)	Percentage points									
		Core arts and cultural production industries									
		Performing arts				Museums	Design services			Fine arts education	Education services
		Performing arts companies	Promoters of performing arts and similar events	Agents/managers for artists	Independent artists, writers, and performers		Advertising	Architectural services	Rest of design services		
United States	4.4	0.06	0.07	0.03	0.17	0.04	0.19	0.10	0.21	0.01	0.03
Alabama	2.1	0.02	0.02	0.00	0.01	0.02	0.07	0.07	0.11	0.01	0.02
Alaska	2.4	0.02	0.02	0.00	0.01	0.03	0.04	0.06	0.04	0.01	0.00
Arizona	2.8	0.03	0.06	0.01	0.05	0.04	0.11	0.09	0.18	0.01	0.03
Arkansas	2.0	0.02	0.04	0.00	0.01	0.04	0.16	0.09	0.09	0.01	0.02
California	7.7	0.10	0.10	0.10	0.72	0.04	0.20	0.12	0.30	0.02	0.02
Colorado	3.9	0.03	0.09	0.01	0.11	0.05	0.16	0.14	0.31	0.02	0.02
Connecticut	3.4	0.03	0.04	0.02	0.09	0.05	0.22	0.08	0.14	0.02	0.08
Delaware	1.2	0.02	0.02	0.00	0.03	0.05	0.06	0.03	0.07	0.00	0.01
District of Columbia	9.0	0.06	0.44	0.01	0.09	0.09	1.00	0.34	0.20	0.01	0.17
Florida	3.1	0.06	0.07	0.03	0.09	0.04	0.15	0.09	0.28	0.01	0.02
Georgia	4.2	0.04	0.05	0.01	0.06	0.03	0.30	0.10	0.23	0.01	0.03
Hawaii	3.2	0.08	0.05	0.00	0.19	0.11	0.05	0.15	0.17	0.01	0.04
Idaho	2.3	0.03	0.02	0.00	0.05	0.02	0.09	0.08	0.15	0.01	0.02
Illinois	3.3	0.05	0.05	0.01	0.06	0.05	0.31	0.11	0.23	0.01	0.04
Indiana	2.1	0.02	0.04	0.00	0.03	0.03	0.08	0.06	0.11	0.01	0.03
Iowa	2.1	0.02	0.04	0.00	0.02	0.02	0.09	0.05	0.09	0.01	0.02
Kansas	2.3	0.01	0.04	0.00	0.01	0.01	0.09	0.08	0.12	0.01	0.01
Kentucky	2.6	0.02	0.04	0.00	0.03	0.05	0.09	0.05	0.11	0.01	0.02
Louisiana	2.4	0.02	0.04	0.00	0.07	0.04	0.09	0.07	0.09	0.01	0.03
Maine	2.5	0.06	0.05	0.00	0.13	0.05	0.13	0.09	0.13	0.02	0.04
Maryland	2.8	0.02	0.02	0.00	0.02	0.04	0.10	0.07	0.19	0.01	0.04
Massachusetts	4.2	0.05	0.08	0.01	0.06	0.05	0.16	0.16	0.20	0.02	0.13
Michigan	2.7	0.02	0.05	0.01	0.03	0.04	0.18	0.07	0.25	0.01	0.02
Minnesota	3.0	0.05	0.04	0.01	0.04	0.03	0.22	0.11	0.18	0.02	0.03
Mississippi	1.8	0.01	0.01	0.00	0.02	0.02	0.06	0.04	0.04	0.00	0.02
Missouri	3.1	0.06	0.07	0.00	0.04	0.05	0.18	0.12	0.19	0.01	0.03
Montana	3.5	0.02	0.03	0.00	0.17	0.05	0.08	0.18	0.21	0.01	0.01
Nebraska	2.4	0.03	0.07	0.01	0.03	0.04	0.08	0.11	0.11	0.01	0.02
Nevada	4.8	0.23	0.39	0.02	0.18	0.02	0.12	0.07	0.16	0.01	0.01
New Hampshire	3.3	0.03	0.03	0.01	0.07	0.02	0.10	0.05	0.15	0.02	0.07
New Jersey	3.5	0.04	0.06	0.01	0.05	0.01	0.19	0.08	0.19	0.02	0.03
New Mexico	2.9	0.04	0.03	0.00	0.14	0.03	0.04	0.07	0.06	0.01	0.01
New York	7.6	0.12	0.16	0.07	0.29	0.08	0.55	0.15	0.27	0.03	0.07
North Carolina	3.1	0.02	0.04	0.01	0.04	0.03	0.10	0.08	0.25	0.01	0.03
North Dakota	2.4	0.01	0.04	0.00	0.02	0.01	0.07	0.06	0.08	0.01	0.01
Ohio	3.2	0.04	0.10	0.00	0.03	0.05	0.11	0.08	0.18	0.01	0.03
Oklahoma	2.1	0.07	0.01	0.00	0.05	0.08	0.08	0.07	0.10	0.01	0.01
Oregon	3.4	0.04	0.05	0.01	0.06	0.03	0.17	0.13	0.22	0.01	0.02
Pennsylvania	3.4	0.05	0.04	0.00	0.04	0.05	0.17	0.09	0.15	0.01	0.08
Rhode Island	3.2	0.06	0.03	0.00	0.06	0.07	0.10	0.07	0.20	0.00	0.10
South Carolina	2.7	0.04	0.05	0.01	0.07	0.03	0.12	0.08	0.15	0.01	0.02
South Dakota	2.1	0.01	0.05	0.00	0.06	0.04	0.06	0.04	0.06	0.01	0.02
Tennessee	3.7	0.19	0.09	0.07	0.17	0.05	0.12	0.08	0.15	0.01	0.03
Texas	2.8	0.03	0.03	0.01	0.06	0.03	0.12	0.10	0.17	0.01	0.02
Utah	3.6	0.05	0.06	0.01	0.08	0.02	0.11	0.09	0.23	0.02	0.03
Vermont	3.0	0.09	0.04	0.01	0.10	0.08	0.10	0.11	0.21	0.04	0.06
Virginia	3.1	0.03	0.07	0.01	0.06	0.04	0.13	0.08	0.17	0.01	0.02
Washington	10.8	0.03	0.04	0.00	0.03	0.03	0.12	0.12	0.14	0.01	0.01
West Virginia	1.7	0.01	0.01	0.00	0.00	0.01	0.05	0.02	0.03	0.00	0.01
Wisconsin	2.9	0.04	0.04	0.00	0.04	0.03	0.16	0.08	0.14	0.02	0.03
Wyoming	2.9	0.02	0.07	0.00	0.08	0.05	0.04	0.06	0.12	0.01	0.01

ACPSA Arts and Cultural Production Satellite Account

GDP Gross Domestic Product

1. Total arts and cultural production industries includes core industries, supporting industries, and industries with secondary production that are designated as artistic and cultural.

Note. A concordance of NAICS and ACPSA industries is available at <https://apps.bea.gov/regional/xls/ListofARTSIndustries.xlsx>

U.S. Bureau of Economic Analysis

Table 3. Industry Contributions to the Arts and Cultural Production Share of GDP by State, 2021—Table Ends

	Percentage points											
	Supporting arts and cultural production industries											
	Art support services			Information services					Manufacturing	Construction	Wholesale and transportation industries	Retail industries
	Rental and leasing	Government	Rest of support services	Publishing	Motion pictures	Sound recording	Broadcasting	Other information services				
United States	0.02	0.51	0.01	0.55	0.28	0.07	0.68	0.66	0.07	0.06	0.20	0.25
Alabama	0.00	0.52	0.00	0.18	0.03	0.01	0.55	0.04	0.08	0.02	0.13	0.10
Alaska	0.00	1.25	0.01	0.04	0.04	0.00	0.56	0.03	0.01	0.04	0.03	0.08
Arizona	0.03	0.47	0.01	0.35	0.06	0.01	0.42	0.13	0.05	0.06	0.15	0.29
Arkansas	0.00	0.59	0.01	0.06	0.03	0.01	0.42	0.01	0.06	0.04	0.11	0.10
California	0.02	0.37	0.01	0.84	1.07	0.13	0.56	2.36	0.05	0.08	0.24	0.20
Colorado	0.02	0.60	0.01	0.72	0.07	0.02	0.82	0.17	0.05	0.08	0.14	0.14
Connecticut	0.01	0.44	0.01	0.33	0.32	0.01	0.73	0.27	0.05	0.14	0.08	0.13
Delaware	0.00	0.26	0.01	0.08	0.02	0.00	0.24	0.03	0.02	0.02	0.03	0.10
District of Columbia	0.00	3.35	0.16	0.78	0.09	0.03	1.07	0.82	0.00	0.06	0.07	0.04
Florida	0.04	0.38	0.01	0.36	0.11	0.07	0.48	0.10	0.04	0.06	0.27	0.23
Georgia	0.02	0.42	0.01	0.48	0.46	0.03	1.24	0.21	0.05	0.03	0.14	0.18
Hawaii	0.01	0.53	0.02	0.10	0.26	0.01	0.79	0.08	0.03	0.22	0.14	0.08
Idaho	0.00	0.61	0.00	0.18	0.04	0.01	0.35	0.07	0.03	0.07	0.19	0.16
Illinois	0.03	0.53	0.03	0.30	0.09	0.05	0.30	0.37	0.07	0.06	0.24	0.19
Indiana	0.02	0.51	0.01	0.12	0.03	0.02	0.34	0.05	0.10	0.06	0.13	0.17
Iowa	0.02	0.55	0.01	0.22	0.02	0.00	0.40	0.03	0.08	0.06	0.10	0.11
Kansas	0.00	0.57	0.01	0.15	0.02	0.01	0.70	0.08	0.07	0.02	0.10	0.08
Kentucky	0.01	0.58	0.01	0.10	0.03	0.01	0.88	0.04	0.07	0.05	0.14	0.12
Louisiana	0.08	0.44	0.01	0.07	0.23	0.00	0.61	0.02	0.06	0.03	0.13	0.10
Maine	0.01	0.50	0.01	0.17	0.05	0.01	0.37	0.06	0.19	0.14	0.05	0.15
Maryland	0.01	0.58	0.02	0.50	0.05	0.02	0.50	0.09	0.05	0.08	0.13	0.11
Massachusetts	0.01	0.44	0.01	1.16	0.11	0.02	0.35	0.62	0.08	0.06	0.13	0.23
Michigan	0.02	0.51	0.01	0.23	0.05	0.01	0.35	0.12	0.09	0.03	0.28	0.16
Minnesota	0.01	0.57	0.01	0.47	0.03	0.04	0.34	0.08	0.13	0.04	0.25	0.19
Mississippi	0.02	0.58	0.00	0.05	0.03	0.04	0.53	0.01	0.04	0.01	0.07	0.07
Missouri	0.02	0.57	0.01	0.19	0.04	0.01	0.64	0.07	0.07	0.09	0.25	0.24
Montana	0.01	0.88	0.01	0.26	0.11	0.01	0.89	0.04	0.11	0.13	0.09	0.14
Nebraska	0.01	0.53	0.01	0.39	0.02	0.00	0.35	0.16	0.03	0.16	0.04	0.13
Nevada	0.07	0.55	0.01	0.22	0.10	0.05	0.35	1.55	0.07	0.10	0.24	0.21
New Hampshire	0.01	0.47	0.01	0.65	0.07	0.02	0.54	0.08	0.18	0.07	0.22	0.32
New Jersey	0.02	0.54	0.01	0.35	0.14	0.02	0.49	0.38	0.09	0.03	0.46	0.18
New Mexico	0.02	0.75	0.01	0.10	0.42	0.07	0.76	0.01	0.08	0.03	0.03	0.10
New York	0.02	0.53	0.02	0.61	0.62	0.25	1.79	1.30	0.08	0.06	0.24	0.18
North Carolina	0.01	0.42	0.01	0.51	0.05	0.02	0.77	0.11	0.07	0.03	0.20	0.14
North Dakota	0.01	0.68	0.01	0.38	0.02	0.00	0.45	0.01	0.06	0.10	0.09	0.16
Ohio	0.01	0.52	0.01	0.25	0.04	0.01	1.01	0.13	0.10	0.04	0.13	0.17
Oklahoma	0.02	0.46	0.01	0.09	0.04	0.01	0.48	0.02	0.08	0.06	0.08	0.13
Oregon	0.02	0.64	0.01	0.70	0.15	0.02	0.39	0.14	0.06	0.07	0.16	0.20
Pennsylvania	0.05	0.45	0.02	0.36	0.09	0.02	0.81	0.22	0.09	0.05	0.15	0.29
Rhode Island	0.00	0.54	0.02	0.19	0.11	0.02	0.70	0.08	0.42	0.15	0.11	0.10
South Carolina	0.01	0.52	0.01	0.25	0.05	0.04	0.52	0.06	0.06	0.09	0.34	0.11
South Dakota	0.00	0.69	0.01	0.06	0.04	0.01	0.49	0.02	0.09	0.07	0.04	0.09
Tennessee	0.02	0.40	0.01	0.30	0.17	0.70	0.46	0.07	0.08	0.03	0.21	0.20
Texas	0.03	0.45	0.01	0.28	0.07	0.03	0.63	0.15	0.04	0.03	0.19	0.16
Utah	0.01	0.51	0.01	0.92	0.15	0.01	0.25	0.30	0.09	0.04	0.18	0.35
Vermont	0.00	0.57	0.01	0.27	0.06	0.01	0.40	0.11	0.14	0.17	0.11	0.16
Virginia	0.01	0.55	0.02	0.29	0.06	0.04	0.77	0.18	0.04	0.05	0.23	0.13
Washington	0.01	0.65	0.01	3.68	0.07	0.03	0.48	2.61	0.04	0.04	0.09	2.45
West Virginia	0.01	0.66	0.01	0.06	0.02	0.00	0.45	0.01	0.05	0.02	0.03	0.08
Wisconsin	0.01	0.61	0.01	0.56	0.03	0.03	0.44	0.07	0.15	0.07	0.09	0.17
Wyoming	0.01	1.55	0.01	0.09	0.04	0.00	0.32	0.03	0.02	0.16	0.03	0.07

ACPSA Arts and Cultural Production Satellite Account

GDP Gross Domestic Product

1. Total arts and cultural production industries includes core industries, supporting industries, and industries with secondary production that are designated as artistic and cultural.

Note. A concordance of NAICS and ACPSA industries is available at <https://apps.bea.gov/regional/xls/ListofARTSIndustries.xlsx>

U.S. Bureau of Economic Analysis

Table 4. Industry Contributions to Percent Change in Value Added of Arts and Cultural Production by State, 2021—Continues

	Percent change in value added of total arts and cultural production industries ¹	Percentage points									
		Core arts and cultural production industries									
		Performing arts				Museums	Design services			Fine arts education	Education services
		Performing arts companies	Promoters of performing arts and similar events	Agents/managers for artists	Independent artists, writers, and performers		Advertising	Architectural services	Rest of design services		
United States	14.4	0.23	1.01	0.25	0.73	0.14	0.85	0.12	0.74	0.07	0.01
Alabama	9.2	0.09	0.79	0.07	0.16	0.16	0.63	0.30	1.04	0.06	0.06
Alaska	7.5	-0.01	0.43	0.01	0.12	0.25	0.46	-0.02	0.46	0.10	0.01
Arizona	15.1	0.09	1.24	0.26	0.74	0.24	0.85	0.12	1.30	0.09	0.11
Arkansas	3.2	0.19	1.19	0.04	-0.02	0.29	1.24	0.23	0.87	0.11	0.02
California	18.4	0.30	0.75	0.50	1.53	0.06	0.45	0.03	0.61	0.06	0.00
Colorado	11.6	0.11	1.19	0.09	0.91	0.23	1.11	0.36	1.26	0.11	-0.01
Connecticut	11.6	0.15	0.67	0.15	0.64	0.18	1.76	0.03	0.88	0.11	0.16
Delaware	9.5	-0.05	1.04	0.04	1.09	0.39	1.43	0.41	0.71	0.08	-0.24
District of Columbia	11.1	-0.06	2.79	0.01	0.19	0.11	1.90	0.15	0.17	0.01	-0.08
Florida	15.1	0.01	1.36	0.49	0.13	0.20	1.17	0.29	1.63	0.10	0.01
Georgia	18.3	0.32	0.82	0.15	0.35	0.10	1.26	0.14	0.77	0.05	0.11
Hawaii	13.2	1.04	0.93	0.01	2.90	0.30	0.13	0.40	0.88	0.10	0.07
Idaho	14.7	0.18	0.66	0.03	0.73	0.17	1.11	0.36	1.86	0.12	0.07
Illinois	15.1	0.09	0.89	0.11	0.85	0.08	1.70	0.14	1.21	0.08	0.02
Indiana	9.8	0.21	1.32	0.04	0.20	0.21	0.95	0.25	0.76	0.08	0.01
Iowa	7.0	0.05	0.91	0.02	0.21	0.20	0.51	0.22	0.62	0.12	-0.02
Kansas	4.2	0.00	0.92	0.00	0.00	0.10	0.26	0.11	0.54	0.10	0.01
Kentucky	5.8	-0.03	0.81	0.08	0.40	0.45	0.58	0.12	1.00	0.07	-0.06
Louisiana	10.6	0.38	1.03	0.07	1.12	0.29	0.31	0.38	0.68	0.11	-0.04
Maine	20.9	1.05	1.53	0.04	2.33	0.50	1.53	0.05	1.26	0.16	0.14
Maryland	16.8	-0.14	0.47	0.05	0.06	0.37	1.05	-0.03	0.33	0.08	0.20
Massachusetts	11.7	0.15	1.28	0.02	0.79	0.14	0.72	0.14	0.64	0.09	0.11
Michigan	10.7	-0.23	1.03	-0.02	0.24	0.23	1.36	0.24	1.29	0.12	0.01
Minnesota	8.7	-0.09	0.90	0.10	0.30	0.10	1.16	0.21	0.94	0.12	0.04
Mississippi	7.1	0.02	0.40	0.00	0.04	0.18	0.56	0.20	0.39	0.04	0.02
Missouri	12.0	0.38	1.49	0.06	0.34	0.28	0.98	0.10	0.98	0.06	0.06
Montana	13.2	-0.11	0.68	0.01	2.75	0.28	0.44	0.80	1.48	0.08	0.01
Nebraska	13.3	0.19	1.85	0.13	-0.40	0.25	0.60	0.06	0.59	0.12	-0.13
Nevada	16.5	1.94	5.82	0.17	0.92	0.11	0.45	0.01	0.75	0.05	0.00
New Hampshire	9.4	-0.13	0.71	0.09	0.10	0.10	0.85	0.14	0.62	0.15	-0.15
New Jersey	14.1	0.30	1.20	0.13	0.38	0.06	1.39	0.12	1.10	0.12	-0.01
New Mexico	19.7	0.36	0.77	0.04	2.91	0.16	0.33	0.02	0.47	0.09	0.05
New York	13.2	0.24	1.21	0.34	0.38	0.13	1.23	0.05	0.26	0.07	0.04
North Carolina	16.5	0.11	0.98	0.21	0.40	0.34	0.61	0.27	2.41	0.10	0.03
North Dakota	8.5	-0.02	0.91	0.00	0.23	0.07	0.55	0.06	0.50	0.06	0.01
Ohio	9.4	0.08	1.82	0.02	0.30	0.18	0.72	0.09	0.49	0.08	0.02
Oklahoma	6.2	1.50	0.35	0.04	0.23	0.97	0.48	0.18	0.94	0.07	0.09
Oregon	11.3	-0.12	0.93	0.16	0.44	0.11	0.74	0.29	0.64	0.09	-0.02
Pennsylvania	8.6	0.14	0.76	0.03	0.30	0.21	1.16	0.09	0.83	0.09	-0.11
Rhode Island	13.6	0.23	0.63	0.02	0.57	0.29	0.72	0.14	1.33	0.04	-0.17
South Carolina	19.3	0.46	1.17	0.03	0.88	0.22	1.12	0.17	1.11	0.08	0.07
South Dakota	9.7	0.08	1.30	0.01	0.47	0.44	0.47	0.16	0.38	0.10	-0.05
Tennessee	23.2	2.08	1.65	0.77	2.40	0.30	0.68	0.17	1.02	0.06	0.00
Texas	12.0	0.11	0.67	0.22	0.51	0.17	1.13	0.25	0.89	0.08	0.02
Utah	14.9	0.20	1.14	0.10	0.57	0.12	0.60	0.11	1.06	0.17	-0.09
Vermont	6.9	0.84	0.90	0.04	1.18	0.44	0.82	0.28	1.50	0.38	-0.34
Virginia	12.4	0.29	1.49	0.09	0.69	0.17	0.69	0.30	0.83	0.09	-0.03
Washington	15.8	-0.02	0.26	0.02	0.06	0.03	0.21	0.05	0.31	0.03	0.00
West Virginia	7.9	0.14	0.43	0.02	0.13	0.10	0.71	0.22	0.55	0.07	-0.06
Wisconsin	8.4	0.19	0.98	0.06	0.36	0.10	0.81	0.36	0.75	0.14	-0.06
Wyoming	11.5	0.01	1.46	-0.02	0.29	0.12	0.37	0.24	0.19	0.07	0.01

ACPSA Arts and Cultural Production Satellite Account

1. Total arts and cultural production industries includes core industries, supporting industries, and industries with secondary production that are designated as artistic and cultural.

Note. A concordance of NAICS and ACPSA industries is available at <https://apps.bea.gov/regional/xls/ListofARTSIndustries.xlsx>

U.S. Bureau of Economic Analysis

Table 4. Industry Contributions to Percent Change in Value Added of Arts and Cultural Production by State, 2021—Table Ends

	Percentage points											
	Supporting arts and cultural production industries											Retail industries
	Art support services			Information services					Manufacturing	Construction	Wholesale and transportation industries	
	Rental and leasing	Government	Rest of art support services	Publishing	Motion pictures	Sound recording	Broadcasting	Other information services				
United States	0.09	0.31	0.03	1.65	1.02	0.39	0.63	3.82				
Alabama	0.03	0.83	0.02	1.42	0.30	0.04	0.64	0.91	-0.19	-0.34	0.72	0.75
Alaska	0.00	1.16	0.04	0.30	0.35	0.06	0.77	0.49	-0.02	1.01	0.05	1.09
Arizona	0.20	0.91	0.08	2.70	0.34	0.08	0.31	1.45	0.00	0.70	0.26	2.49
Arkansas	0.01	0.69	0.03	-0.47	0.19	0.16	0.71	0.27	-0.16	-4.96	0.71	1.09
California	0.08	0.17	0.02	1.50	2.00	0.38	0.29	7.83	0.02	0.50	0.48	0.68
Colorado	0.06	0.58	0.03	2.31	0.27	0.14	0.57	1.17	-0.14	-0.38	0.47	0.77
Connecticut	0.03	0.40	0.02	0.94	-0.80	0.05	0.41	1.93	-0.02	2.65	0.26	0.61
Delaware	-0.05	-0.75	0.16	0.69	0.34	0.15	0.24	0.03	0.05	0.46	0.41	1.79
District of Columbia	0.00	1.14	0.07	1.28	0.03	-0.06	0.84	1.89	0.00	0.51	0.11	-0.02
Florida	0.21	0.25	0.11	2.94	0.51	0.46	0.76	1.13	0.03	-1.37	2.21	1.82
Georgia	0.16	0.43	0.02	1.47	5.81	0.23	1.93	2.29	0.00	0.04	0.50	0.95
Hawaii	0.01	0.00	0.01	0.83	4.52	0.05	0.76	1.15	0.18	-2.43	0.33	0.65
Idaho	0.06	0.95	0.05	2.56	0.63	0.14	0.96	1.22	0.07	-1.55	1.70	1.88
Illinois	0.08	0.57	0.07	0.96	0.73	0.43	0.02	2.84	-0.01	1.38	1.06	1.30
Indiana	0.17	0.61	0.04	0.44	0.05	0.06	0.57	0.35	-0.05	0.04	0.72	2.04
Iowa	0.12	0.30	0.03	0.42	0.14	0.00	0.07	0.78	0.13	-0.03	0.49	1.02
Kansas	0.01	0.67	0.07	0.92	0.00	0.09	0.03	0.22	-0.05	-1.13	0.34	0.44
Kentucky	0.08	-0.27	0.03	0.37	0.18	0.03	0.83	0.13	-0.12	-1.75	1.47	0.80
Louisiana	0.46	-0.28	0.01	0.25	4.32	-0.02	-0.51	0.23	0.06	0.12	0.14	0.79
Maine	0.11	1.72	0.05	1.55	0.41	0.09	0.66	0.71	-0.19	4.92	0.15	1.53
Maryland	0.09	0.70	0.03	8.81	0.20	-0.05	0.82	0.95	0.02	0.86	0.50	0.93
Massachusetts	0.05	0.39	0.03	3.06	0.95	0.12	0.24	0.91	-0.12	-0.58	1.16	1.12
Michigan	0.10	0.44	0.03	0.26	0.10	0.10	0.48	1.17	-0.07	-0.87	2.16	1.24
Minnesota	0.12	0.48	0.00	-0.15	0.13	0.22	0.21	0.80	-0.12	0.62	0.97	1.17
Mississippi	0.14	0.23	-0.01	0.08	0.91	1.10	0.94	0.16	-0.08	-0.61	0.53	0.90
Missouri	0.17	0.81	0.03	1.06	0.00	0.09	0.65	0.67	0.02	-0.21	1.55	1.81
Montana	0.05	0.88	0.03	2.90	0.56	0.12	0.37	0.50	0.38	-1.38	0.78	1.18
Nebraska	0.09	0.44	0.07	7.18	0.19	0.05	0.58	1.33	0.03	-1.47	-0.19	1.21
Nevada	0.40	-0.26	0.02	1.02	0.94	0.33	0.09	3.50	0.09	-2.36	1.31	0.83
New Hampshire	0.15	0.04	0.05	0.61	0.23	0.31	0.22	0.89	-0.02	0.41	1.63	1.76
New Jersey	0.08	0.39	0.04	1.30	0.35	0.36	1.04	3.16	0.08	0.10	1.29	0.62
New Mexico	0.00	0.67	0.02	0.74	9.52	0.40	1.72	0.10	-0.14	-0.10	0.10	0.88
New York	0.04	0.05	0.01	0.74	0.64	0.78	1.69	4.47	0.00	-0.44	0.60	0.56
North Carolina	0.12	0.65	0.04	3.18	0.43	0.19	2.05	1.20	0.17	-0.03	1.24	1.33
North Dakota	0.03	1.03	0.02	-0.46	0.15	0.04	1.14	0.12	0.11	2.98	-0.14	0.63
Ohio	0.10	0.56	0.02	0.59	0.36	0.04	0.92	0.71	0.08	-0.10	0.93	0.94
Oklahoma	0.29	1.09	0.02	0.48	0.73	0.15	0.74	0.28	-0.02	-4.18	-0.35	1.37
Oregon	0.07	0.90	0.03	2.36	0.74	0.11	0.45	1.38	0.04	0.06	0.27	1.22
Pennsylvania	0.13	0.13	0.03	0.64	0.69	0.23	-0.64	2.24	-0.02	-1.35	0.66	1.86
Rhode Island	-0.01	0.37	0.12	0.35	1.75	0.15	1.37	0.87	0.13	3.12	0.36	0.57
South Carolina	0.08	1.00	0.06	4.09	1.25	0.23	0.72	0.71	-0.08	1.74	3.30	0.28
South Dakota	0.01	1.23	0.04	-0.44	0.31	0.09	1.21	0.18	0.32	1.94	-0.05	0.81
Tennessee	0.11	0.61	0.03	2.51	0.81	5.42	0.39	0.99	0.01	0.09	1.25	1.39
Texas	0.14	0.29	0.05	1.85	0.11	0.21	0.33	1.89	0.03	-0.16	1.07	1.56
Utah	0.04	0.46	0.07	5.17	0.48	0.03	0.26	0.80	0.07	0.63	0.91	1.64
Vermont	0.00	0.31	0.05	-0.56	0.70	0.14	0.73	0.88	0.36	-3.95	0.36	1.39
Virginia	0.05	0.28	0.05	0.89	0.26	0.43	0.82	1.61	-0.05	0.01	2.05	0.92
Washington	0.03	0.13	0.01	3.21	0.17	0.08	-0.03	6.47	0.01	-0.58	0.16	5.11
West Virginia	0.01	0.55	0.18	0.14	0.21	0.03	1.57	0.10	0.11	1.01	0.12	0.76
Wisconsin	0.06	0.31	0.01	0.53	0.08	0.22	0.24	0.47	0.10	1.22	0.08	0.90
Wyoming	-0.01	2.01	0.02	0.94	0.03	-0.02	0.65	0.43	-0.10	3.76	0.11	0.50

ACPSA Arts and Cultural Production Satellite Account

1. Total arts and cultural production industries includes core industries, supporting industries, and industries with secondary production that are designated as artistic and cultural.

Note. A concordance of NAICS and ACPA industries is available at <https://apps.bea.gov/regional/xls/ListofARTSIndustries.xlsx>

U.S. Bureau of Economic Analysis

Table 5. Real Gross Output by Arts and Cultural Production Commodity: Percent Change from Preceding Period

Line	ACPSA item description	2017	2018	2019	2020	2021
1	Total	4.0	5.5	3.5	-4.0	15.5
2	Core arts and cultural production	3.8	6.1	4.1	-3.8	15.2
3	Performing arts	4.4	4.0	3.7	-39.6	40.1
4	Music groups	4.4	4.0	3.6	-39.4	39.6
5	Dance	4.4	4.0	3.6	-39.4	39.6
6	Opera	4.4	4.0	3.6	-39.4	39.6
7	Symphonies	4.4	4.0	3.6	-39.4	39.6
8	Theater	4.4	4.0	3.6	-39.4	39.6
9	Other	4.0	4.0	3.7	-41.3	41.2
10	Independent artists, writers, and performers	6.1	8.8	5.4	-31.3	15.5
11	Museums	4.6	3.2	4.9	-12.3	11.2
12	Art	4.7	3.0	5.3	-16.1	13.4
13	Botanical and zoological	4.7	3.0	5.3	-16.1	13.4
14	Children's	4.7	3.0	5.3	-16.1	13.4
15	Historical sites	4.7	3.0	5.3	-16.1	13.4
16	History	4.7	3.0	5.3	-16.1	13.4
17	Natural	4.7	3.0	5.3	-16.1	13.4
18	Nature parks	4.1	3.2	3.5	0.1	5.6
19	Science	4.7	3.0	5.3	-16.1	13.4
20	Other	4.7	3.0	5.3	-16.1	13.4
21	Design services	4.2	7.5	4.9	1.8	19.6
22	Advertising	4.3	8.0	4.5	3.3	21.5
23	Architectural services, historic restoration	3.5	6.4	6.8	-2.2	6.9
24	Landscape architectural services	5.9	6.5	4.6	1.5	8.0
25	All other architectural services	3.5	6.4	6.8	-2.2	6.9
26	Interior design services	3.4	9.4	8.2	3.6	17.4
27	Industrial design services	10.7	0.2	8.8	11.7	19.0
28	Graphic design services	1.1	-1.3	8.6	-1.9	18.6
29	Fashion design services	3.3	2.4	5.8	-11.3	18.6
30	Computer systems design	11.1	10.8	4.2	5.1	8.3
31	Photography and photofinishing services	3.3	6.3	1.6	-19.8	24.4
32	All other design services	3.3	2.4	5.8	-11.3	18.6
33	Fine arts education	6.4	10.4	3.8	-17.5	31.8
34	Education services	1.0	3.0	2.7	1.0	5.4
35	Entertainment originals	3.9	4.0	1.7	-4.9	1.8
36	Supporting arts and cultural production	4.2	4.9	2.9	-4.2	15.8
37	Art support services	2.3	5.5	3.5	-20.7	24.4
38	Rental and leasing	-5.3	4.7	1.6	-20.5	12.2
39	Agents/managers for artists	0.9	7.5	5.3	-29.6	44.9
40	Promoters of performing arts and similar events	6.6	7.3	3.7	-40.3	56.9
41	Grantmaking and giving services	3.1	4.4	6.4	-6.5	-2.1
42	Unions	5.0	4.1	2.0	-1.1	6.7
43	Government	1.5	3.3	3.2	2.3	5.3
44	Other support services	11.1	11.6	5.9	-48.6	90.4
45	Books publishing	3.1	-0.9	-1.9	-3.0	11.8
46	Education (K-12)	4.4	-0.4	-2.2	-1.5	11.1
47	Higher education	3.8	0.7	-1.6	-1.8	11.6
48	General reference	2.5	-9.7	-3.7	-9.8	32.7
49	Professional, technical, and scholarly	0.5	-4.3	-3.9	-5.9	8.0
50	Adult trade	3.3	0.9	-0.9	-2.7	12.3
51	Children	5.1	-0.7	-0.9	-0.1	11.8
52	Other publishing	8.2	7.2	6.8	5.1	14.9
53	Cards, calendars, and other	5.7	2.5	-1.0	2.7	20.6
54	Newspapers and periodicals	-0.1	-2.6	-2.2	-9.8	1.5
55	Software	10.8	10.3	10.0	8.3	16.2
56	Information services	1.5	5.9	2.8	-3.0	17.4
57	Broadcasting	-2.2	-0.8	-3.0	-1.1	3.0
58	Sound recording	5.6	5.8	10.4	5.3	27.2
59	Motion pictures	-3.9	4.3	0.7	-54.3	11.5
60	Audio/visual production	-2.1	9.3	1.2	-8.9	23.7
61	Other information services	11.6	14.1	11.7	7.1	29.0
62	Manufactured goods	9.9	0.9	0.2	-8.9	14.2
63	Jewelry and silverware	1.8	3.1	-1.9	1.8	22.7
64	Printed goods	18.8	-2.8	-3.0	-13.6	0.5
65	Musical instruments	6.1	5.7	1.3	-0.7	14.6
66	Custom architectural woodwork and metalwork	4.9	1.4	-0.6	-11.2	-3.3
67	Other goods	17.0	-0.1	5.8	-19.5	17.8
68	Construction	6.8	5.1	2.6	-5.9	-7.6

ACPSA Arts and Cultural Production Satellite Account

Note. A concordance of NAICS and ACPSA industries is available at <https://apps.bea.gov/regional/xls/ListofARTSIndustries.xlsx>.

U.S. Bureau of Economic Analysis

Table 6. Real Gross Output by Arts and Cultural Production Commodity

[Millions of chained (2012) dollars]

Line	ACPSA item description	2017	2018	2019	2020	2021
1	Total	1,379,041	1,454,752	1,505,411	1,444,801	1,669,048
2	Core arts and cultural production	665,886	706,734	735,870	707,853	815,470
3	Performing arts	31,110	32,361	33,551	20,272	28,409
4	Music groups	4,212	4,381	4,538	2,752	3,842
5	Dance	831	864	895	543	758
6	Opera	3,370	3,505	3,631	2,202	3,074
7	Symphonies	2,334	2,428	2,515	1,525	2,129
8	Theater	16,147	16,796	17,399	10,550	14,729
9	Other	4,130	4,295	4,453	2,613	3,688
10	Independent artists, writers, and performers	40,166	43,719	46,098	31,672	36,578
11	Museums	19,693	20,314	21,317	18,698	20,798
12	Art	1,527	1,573	1,657	1,390	1,576
13	Botanical and zoological	2,349	2,420	2,548	2,138	2,424
14	Children's	534	551	580	486	552
15	Historical sites	4,944	5,093	5,364	4,500	5,102
16	History	305	315	331	278	315
17	Natural	2,443	2,517	2,651	2,224	2,521
18	Nature parks	4,734	4,888	5,059	5,066	5,348
19	Science	2,443	2,517	2,651	2,224	2,521
20	Other	382	393	414	347	394
21	Design services	377,900	406,343	426,324	434,058	519,006
22	Advertising	286,145	309,161	323,225	333,782	405,695
23	Architectural services, historic restoration	2,292	2,438	2,603	2,547	2,723
24	Landscape architectural services	7,193	7,659	8,010	8,130	8,783
25	All other architectural services	27,653	29,411	31,400	30,720	32,853
26	Interior design services	17,046	18,641	20,173	20,893	24,530
27	Industrial design services	2,648	2,653	2,886	3,225	3,838
28	Graphic design services	11,794	11,639	12,636	12,397	14,707
29	Fashion design services	1,267	1,297	1,372	1,218	1,444
30	Computer systems design	6,940	7,693	8,017	8,425	9,124
31	Photography and photofinishing services	14,949	15,896	16,153	12,953	16,108
32	All other design services	244	249	264	234	278
33	Fine arts education	6,149	6,791	7,050	5,815	7,665
34	Education services	107,659	110,900	113,921	115,048	121,242
35	Entertainment originals	83,692	87,046	88,503	84,159	85,688
36	Supporting arts and cultural production	714,506	749,447	770,837	738,124	854,729
37	Art support services	53,940	56,899	58,878	46,718	58,097
38	Rental and leasing	8,292	8,684	8,824	7,016	7,875
39	Agents/managers for artists	4,772	5,129	5,401	3,803	5,512
40	Promoters of performing arts and similar events	18,818	20,192	20,944	12,498	19,607
41	Grantmaking and giving services	1,453	1,517	1,614	1,508	1,477
42	Unions	1,410	1,469	1,499	1,482	1,581
43	Government	18,248	18,847	19,458	19,912	20,968
44	Other support services	749	836	885	455	866
45	Books publishing	22,718	22,521	22,102	21,434	23,957
46	Education (K-12)	3,332	3,318	3,243	3,194	3,548
47	Higher education	1,498	1,508	1,484	1,458	1,627
48	General reference	652	589	567	512	679
49	Professional, technical, and scholarly	4,482	4,289	4,120	3,879	4,189
50	Adult trade	10,311	10,405	10,312	10,039	11,274
51	Children	2,471	2,454	2,432	2,429	2,715
52	Other publishing	111,123	119,170	127,291	133,808	153,712
53	Cards, calendars, and other	13,514	13,857	13,717	14,090	16,993
54	Newspapers and periodicals	17,326	16,875	16,500	14,876	15,102
55	Software	80,573	88,909	97,783	105,943	123,056
56	Information services	369,607	391,401	402,269	390,048	457,884
57	Broadcasting	147,919	146,774	142,367	140,840	145,071
58	Sound recording	19,703	20,842	23,002	24,223	30,817
59	Motion pictures	19,735	20,584	20,738	9,477	10,566
60	Audio/visual production	81,695	89,284	90,319	82,243	101,740
61	Other information services	101,241	115,540	129,062	138,216	178,267
62	Manufactured goods	132,619	133,853	134,127	122,142	139,533
63	Jewelry and silverware	48,851	50,345	49,384	50,281	61,671
64	Printed goods	27,528	26,763	25,957	22,432	22,541
65	Musical instruments	5,582	5,897	5,977	5,935	6,800
66	Custom architectural woodwork and metalwork	12,497	12,668	12,591	11,186	10,820
67	Other goods	37,029	37,009	39,160	31,519	37,127
68	Construction	25,581	26,897	27,599	25,971	23,995

ACPSA Arts and Cultural Production Satellite Account

Note. A concordance of NAICS and ACPSA industries is available at <https://apps.bea.gov/regional/xls/ListofARTSIndustries.xlsx>.

U.S. Bureau of Economic Analysis

Table 7. Gross Output by Arts and Cultural Production Industry

[Millions of dollars]

Line	ACPSA industry description	2017	2018	2019	2020	2021
1	Total	1,395,012	1,479,402	1,537,421	1,481,767	1,731,961
2	Core arts and cultural production	277,949	298,637	315,736	271,641	329,291
3	Performing arts	106,843	115,462	121,815	80,579	106,519
4	Performing arts companies	24,654	25,565	26,693	18,852	21,437
5	Promoters of performing arts and similar events	29,818	32,324	33,844	18,779	33,513
6	Agents/managers for artists	6,246	6,786	7,220	5,157	7,487
7	Independent artists, writers, and performers	46,125	50,787	54,059	37,791	44,083
8	Museums	14,054	14,562	15,473	12,924	15,094
9	Design services	140,511	150,957	160,189	161,369	188,728
10	Advertising	49,881	54,676	58,168	62,414	76,195
11	Architectural services	32,349	34,561	36,829	35,960	38,489
12	Landscape architectural services	5,524	5,877	6,079	6,219	6,671
13	Interior design services	16,414	18,063	19,534	20,287	24,003
14	Industrial design services	2,584	2,600	2,828	3,175	3,783
15	Graphic design services	12,501	12,400	13,444	13,168	15,643
16	Computer systems design	5,306	5,899	6,187	6,526	6,947
17	Photography and photofinishing services	14,512	15,396	15,555	12,257	15,379
18	All other design services	1,442	1,485	1,565	1,362	1,617
19	Fine arts education	6,432	7,199	7,531	6,254	8,153
20	Education services	10,109	10,457	10,729	10,515	10,796
21	Supporting arts and cultural production	1,078,717	1,141,370	1,181,768	1,173,599	1,359,818
22	Art support services	155,867	163,569	170,904	172,396	185,336
23	Rental and leasing	8,445	8,949	9,191	7,348	8,323
24	Grantmaking and giving services	1,590	1,696	1,836	1,727	1,734
25	Unions	2,175	2,270	2,350	2,328	2,565
26	Government	142,860	149,756	156,565	160,491	171,738
27	Other support services	797	898	963	503	976
28	Information services	721,372	768,099	795,475	796,105	933,967
29	Publishing	133,210	136,512	139,097	140,973	159,821
30	Motion pictures	125,366	134,119	135,822	113,782	130,482
31	Sound recording	17,203	18,783	20,676	21,308	25,800
32	Broadcasting	282,758	290,728	287,569	286,737	303,028
33	Other information services	162,835	187,956	212,311	233,306	314,835
34	Manufacturing	37,952	38,730	38,026	34,062	34,850
35	Jewelry and silverware manufacturing	6,975	7,278	7,001	6,122	6,160
36	Printed goods manufacturing	14,746	14,495	13,856	11,994	12,184
37	Musical instruments manufacturing	1,913	2,107	2,133	2,022	2,114
38	Custom architectural woodwork and metalwork manufacturing	8,171	8,554	8,484	7,464	7,722
39	Other goods manufacturing	6,148	6,296	6,552	6,459	6,669
40	Construction	25,319	27,178	29,060	27,819	26,103
41	NonACPSA-related production	38,346	39,395	39,916	36,527	42,852
42	Wholesale and transportation industries	68,826	71,403	73,365	66,253	82,686
43	Retail industries	69,380	72,392	74,938	76,964	96,877
44	All other industries¹	38,346	39,395	39,916	36,527	42,852

ACPSA Arts and Cultural Production Satellite Account

1. Consists of the industries with secondary production designated as artistic and cultural.

Note. A concordance of NAICS and ACPSA industries is available at <https://apps.bea.gov/regional/xls/ListofARTSIndustries.xlsx>.

U.S. Bureau of Economic Analysis

Table 8. Arts and Cultural Production Employment and Compensation by State, 2021

	2021						Percent change, 2020–2021					
	Arts and cultural production industries						Arts and cultural production industries					
	Total ¹		Core		Supporting		Total ¹		Core		Supporting	
	Employment	Compensation (thousands of dollars)	Employment	Compensation (thousands of dollars)	Employment	Compensation (thousands of dollars)	Employment	Compensation	Employment	Compensation	Employment	Compensation
United States	4,851,047	504,213,527	1,146,803	100,311,587	3,557,821	391,722,923	5.0	11.3	7.1	4.1	4.2	13.2
Alabama	43,981	2,829,012	7,990	473,028	33,995	2,218,623	3.4	8.6	8.3	13.1	2.1	7.5
Alaska	11,180	1,020,103	1,433	78,998	9,463	918,498	4.8	5.7	14.1	9.9	3.4	5.2
Arizona	84,701	6,385,691	19,034	1,227,380	62,631	4,923,564	6.1	11.4	9.2	9.6	5.1	11.7
Arkansas	30,893	1,727,223	5,823	329,268	23,805	1,314,622	0.1	0.5	10.0	10.7	-2.4	-2.4
California	742,432	125,054,121	176,953	25,040,335	548,502	98,340,071	8.0	14.2	7.5	-4.5	8.1	20.2
Colorado	102,383	9,722,193	(D)	(D)	74,123	7,505,075	4.1	8.9	8.5	11.5	2.5	8.0
Connecticut	53,011	5,654,018	14,289	1,087,260	37,069	4,403,784	7.2	10.7	(D)	(D)	5.9	11.5
Delaware	7,746	536,331	2,272	123,120	5,009	374,105	4.0	5.7	7.4	7.6	2.2	4.6
District of Columbia	54,961	9,106,673	13,383	1,795,936	41,068	7,242,951	-0.5	7.0	0.0	7.2	-0.8	6.9
Florida	244,510	19,855,158	64,361	4,587,392	170,874	14,568,761	4.3	11.2	7.6	7.0	2.9	12.2
Georgia	149,036	13,783,141	30,400	2,537,605	114,028	10,889,522	9.9	18.9	6.3	9.5	10.9	21.5
Hawaii	19,268	1,578,481	5,503	380,435	13,208	1,158,375	7.3	10.5	10.4	8.6	6.0	11.1
Idaho	20,257	1,282,493	4,063	224,138	15,390	1,006,066	4.5	11.4	13.9	17.1	2.1	9.9
Illinois	196,769	17,287,215	(D)	(D)	137,566	12,517,896	4.4	11.2	5.2	8.3	4.0	12.1
Indiana	81,497	4,978,332	(D)	(D)	63,366	3,916,683	3.3	6.7	6.9	9.0	2.3	5.9
Iowa	39,391	2,534,537	8,409	416,236	29,436	2,010,534	3.1	5.9	8.0	9.0	1.7	5.1
Kansas	41,637	2,744,898	7,102	380,297	33,162	2,269,103	0.2	2.6	6.6	8.0	-1.3	1.5
Kentucky	47,171	2,966,360	8,249	461,018	36,948	2,369,314	1.6	3.1	10	12	-0.4	1.1
Louisiana	47,825	3,039,195	9,513	564,017	36,504	2,352,488	5.1	8.9	(D)	(D)	5.8	8.9
Maine	16,743	1,077,487	4,098	246,455	12,021	787,156	12.0	18.1	14.8	12.6	11.2	20.2
Maryland	72,403	7,137,824	(D)	(D)	52,910	5,658,860	4.4	15.1	(D)	(D)	3.6	17.7
Massachusetts	135,181	15,554,039	42,362	3,446,676	89,321	11,724,723	6.4	11.2	10.1	7.4	4.7	12.3
Michigan	109,943	8,514,209	28,500	2,242,728	76,994	5,921,056	3.7	6.8	6.0	9.0	2.7	5.7
Minnesota	85,015	7,052,587	22,018	1,518,540	60,088	5,284,431	2.9	6.5	7.2	6.6	1.3	6.2
Mississippi	23,117	1,268,099	2,960	147,351	19,031	1,056,917	1.4	5.0	4.1	5.1	0.6	4.6
Missouri	89,146	5,990,377	(D)	(D)	64,581	4,430,054	5.0	7.7	8.2	7.9	3.9	7.5
Montana	15,584	1,107,852	3,410	213,009	11,702	864,836	2.8	8.9	12.8	16.7	-0.1	6.9
Nebraska	30,052	2,084,613	7,232	380,767	21,850	1,637,181	6.7	9.2	11.5	3.7	5.3	10.5
Nevada	39,683	3,476,448	9,045	787,448	29,192	2,583,762	7.0	10.9	15.1	13.4	4.4	9.8
New Hampshire	21,531	1,819,402	4,941	299,985	15,913	1,456,419	4.8	8.3	12.7	4.1	2.4	8.7
New Jersey	126,767	12,901,314	30,075	2,217,580	92,574	10,287,265	5.6	10.3	13.3	13.6	3.2	9.5
New Mexico	23,766	1,685,662	4,034	245,377	18,976	1,391,623	8.1	16.7	11.9	13.6	7.3	17.5
New York	450,457	58,744,149	(D)	(D)	305,892	42,642,892	3.0	9.0	(D)	(D)	3.0	12.3
North Carolina	125,636	10,475,216	28,232	2,125,960	92,803	8,006,842	7.3	15.5	12.6	20.5	5.7	14.2
North Dakota	12,849	893,170	2,084	103,065	10,367	761,070	5.7	9.5	11.2	9.4	4.7	9.7
Ohio	158,206	10,956,557	(D)	(D)	115,743	8,041,571	3.5	8.5	(D)	(D)	2.8	8.3
Oklahoma	38,965	2,418,011	7,369	461,576	30,060	1,856,278	-0.7	1.4	6.8	8.4	-2.7	-0.5
Oregon	62,725	5,344,044	(D)	(D)	46,081	4,123,761	4.5	10.1	(D)	(D)	5.0	11.5
Pennsylvania	165,186	14,098,351	45,680	3,027,113	113,511	10,584,620	3.4	6.0	7.5	5.8	1.6	5.9
Rhode Island	16,876	1,213,036	4,361	260,524	12,039	915,779	9.0	15.0	10.4	7.4	8.5	17.5
South Carolina	53,261	3,818,200	11,224	680,199	39,891	2,997,911	7.0	16.5	12	12	5.7	17.7
South Dakota	13,421	806,249	2,575	114,091	10,411	663,089	4.4	7.2	6.6	6.6	3.8	7.2
Tennessee	87,408	7,241,976	21,929	1,862,958	62,291	5,139,836	5.7	16.7	6	13	5.4	18.0
Texas	369,794	29,502,137	77,315	5,829,021	279,708	22,610,992	4.1	9.9	6.0	8.1	3.5	10.3
Utah	65,696	4,702,466	(D)	(D)	48,334	3,802,570	7.9	13.4	11	8	6.8	14.4
Vermont	10,007	672,964	2,930	171,037	6,795	481,971	3.3	2.6	12.1	10.0	-0.2	0.0
Virginia	112,723	9,640,831	24,265	1,931,737	84,713	7,393,649	3.0	8.8	6.9	12.1	1.8	7.9
Washington	187,196	33,865,475	(D)	(D)	160,051	31,713,720	4.0	14.6	6	9	3.6	15.0
West Virginia	14,414	895,891	1,711	73,881	12,053	780,339	4.2	7.0	15.9	17.3	2.6	5.9
Wisconsin	87,185	6,291,380	(D)	(D)	66,178	5,043,206	4.2	7.6	(D)	(D)	2.4	7.1
Wyoming	11,461	878,336	1,624	83,771	9,599	778,509	5.5	8.8	8.4	-3.8	5.0	10.3

ACPSA Arts and Cultural Production Satellite Account

(D) Data are suppressed to avoid disclosure of confidential information.

1. Total arts and cultural production industries includes core industries, supporting industries, and industries with secondary production that are designated as artistic and cultural.

Note. A concordance of NAICS and ACPSA industries is available at <https://apps.bea.gov/regional/xls/ListofARTSIndustries.xlsx>

U.S. Bureau of Economic Analysis

Table 9. Industry Contributions to Percent Change in Arts and Cultural Production Employment by State, 2021—Continues

	Percent change in total arts and cultural production industries ¹	Percentage points										
		Core arts and cultural production industries										
		Performing arts					Museums	Design services			Fine arts education	Education services
		Performing arts companies	Promoters of performing arts and similar events	Agents/managers for artists	Independent artists, writers, and performers	Advertising		Architectural services	Rest of design services			
United States	5.0	0.17	0.28	0.02	0.14	0.04	0.09	0.00	0.34	0.55	0.02	
Alabama	3.4	(D)	0.38	0.01	0.03	-0.08	-0.04	0.04	0.44	(D)	0.11	
Alaska	4.8	-0.03	0.08	0.02	0.06	0.36	(D)	-0.02	0.15	0.69	0.02	
Arizona	6.1	0.02	0.55	0.01	0.21	0.00	0.04	0.02	0.47	0.44	0.24	
Arkansas	0.1	0.17	0.28	0.01	0.01	0.04	0.42	0.00	0.27	0.50	0.03	
California	8.0	0.19	0.14	0.07	0.36	-0.02	0.03	-0.09	0.51	0.59	0.03	
Colorado	4.1	0.19	0.14	0.01	0.26	0.25	0.05	0.09	0.48	0.57	-0.02	
Connecticut	7.2	(D)	0.55	-0.06	0.06	0.09	0.39	0.00	0.41	0.96	0.21	
Delaware	4.0	0.26	0.70	-0.01	0.07	-0.42	0.15	0.13	0.35	1.20	-0.31	
District of Columbia	-0.5	0.05	-0.04	0.01	0.01	-0.03	0.04	-0.07	0.09	0.05	-0.11	
Florida	4.3	0.08	0.43	0.04	0.13	0.02	0.13	0.15	0.57	0.39	-0.02	
Georgia	9.9	0.12	0.30	0.03	0.04	0.13	0.05	-0.03	0.27	0.26	0.16	
Hawaii	7.3	1.57	0.12	(D)	0.14	-0.04	0.01	0.07	0.19	0.46	0.34	
Idaho	4.5	0.17	0.30	-0.02	0.12	0.12	0.30	0.15	0.76	0.45	0.20	
Illinois	4.4	0.00	0.15	0.00	0.11	-0.29	0.01	-0.04	0.99	0.48	-0.01	
Indiana	3.3	0.27	0.26	0.00	0.04	0.13	0.12	-0.03	0.11	0.44	-0.14	
Iowa	3.1	(D)	0.40	0.00	0.01	0.33	-0.01	0.02	(D)	0.77	-0.13	
Kansas	0.2	(D)	0.35	0.00	0.06	(D)	-0.26	0.00	0.17	0.57	0.02	
Kentucky	1.6	0.00	0.16	0.00	0.09	0.45	0.05	0.01	0.43	0.44	-0.02	
Louisiana	5.1	0.02	-0.28	0.00	0.16	(D)	0.07	0.17	0.28	0.47	-0.18	
Maine	12.0	0.48	1.28	0.00	0.30	0.25	0.09	-0.08	0.40	0.56	0.25	
Maryland	4.4	0.32	0.22	0.06	0.08	0.05	0.24	-0.14	(D)	0.33	0.44	
Massachusetts	6.4	0.29	0.81	0.00	0.12	0.12	0.09	-0.03	0.28	0.79	0.57	
Michigan	3.7	0.21	0.13	-0.01	0.10	0.17	0.08	0.04	0.34	0.59	-0.12	
Minnesota	2.9	-0.08	0.80	0.03	0.15	0.03	-0.11	-0.04	0.22	0.64	0.15	
Mississippi	1.4	0.05	0.07	0.02	0.04	-0.05	(D)	0.03	(D)	0.11	0.01	
Missouri	5.0	0.44	0.57	0.01	0.08	0.19	0.00	0.00	0.20	0.37	0.07	
Montana	2.8	0.28	0.24	0.00	0.48	0.20	-0.09	0.41	0.58	0.46	-0.01	
Nebraska	6.7	0.32	1.14	0.00	0.04	0.23	0.06	-0.09	0.32	0.94	-0.30	
Nevada	7.0	1.35	1.00	0.04	0.06	(D)	-0.01	-0.11	(D)	0.35	-0.02	
New Hampshire	4.8	(D)	0.57	0.00	0.17	0.06	0.20	0.09	(D)	1.06	-0.30	
New Jersey	5.6	0.29	0.48	0.01	0.22	0.06	0.29	0.05	0.42	1.13	0.00	
New Mexico	8.1	0.57	0.60	0.02	0.10	0.06	-0.02	0.01	(D)	0.32	0.09	
New York	3.0	0.10	-0.04	-0.02	0.07	-0.05	0.10	-0.10	(D)	0.71	0.06	
North Carolina	7.3	0.09	0.64	0.03	0.16	0.36	0.09	0.10	0.64	0.58	0.03	
North Dakota	5.7	0.09	0.57	(D)	(D)	0.07	(D)	-0.05	0.30	0.55	0.04	
Ohio	3.5	(D)	0.45	0.01	0.09	0.00	0.11	0.03	-0.03	0.47	-0.03	
Oklahoma	-0.7	0.30	0.23	0.01	0.04	-0.09	0.01	0.02	0.27	0.26	0.16	
Oregon	4.5	-0.07	0.24	0.02	0.12	(D)	0.13	-0.01	0.01	0.46	-0.10	
Pennsylvania	3.4	0.26	0.41	0.00	0.16	0.19	0.21	0.00	0.42	0.58	-0.23	
Rhode Island	9.0	(D)	0.48	0.01	0.16	0.17	0.05	0.10	0.73	(D)	-0.45	
South Carolina	7.0	0.40	0.64	0.00	0.12	0.23	0.20	0.06	0.19	0.34	0.15	
South Dakota	4.4	(D)	0.29	0.01	0.09	0.50	0.02	0.01	-0.04	0.39	-0.09	
Tennessee	5.7	0.30	0.13	-0.01	0.07	0.08	0.07	0.04	0.57	0.28	-0.03	
Texas	4.1	0.13	-0.01	0.01	0.13	-0.02	0.22	0.03	0.30	0.42	0.02	
Utah	7.9	0.38	0.55	0.00	0.07	0.13	0.07	0.08	0.46	1.45	-0.52	
Vermont	3.3	0.36	0.51	0.01	0.18	0.54	0.14	0.12	0.58	1.47	-0.63	
Virginia	3.0	0.05	0.23	-0.01	0.08	0.11	0.08	0.16	0.19	0.60	-0.07	
Washington	4.0	-0.04	0.21	0.01	0.00	-0.05	0.06	0.00	0.21	0.42	-0.02	
West Virginia	4.2	0.26	0.27	(D)	(D)	0.20	0.27	0.06	0.35	(D)	-0.09	
Wisconsin	4.2	(D)	0.83	0.01	0.13	-0.02	0.00	0.05	0.24	0.71	-0.12	
Wyoming	5.5	0.24	0.23	0.00	-0.08	-0.14	0.01	0.16	0.20	0.53	0.01	

ACPSA Arts and Cultural Production Satellite Account

(D) Data are suppressed to avoid disclosure of confidential information.

1. Total arts and cultural production industries includes core industries, supporting industries, and industries with secondary production that are designated as artistic and cultural.

Note. A concordance of NAICS and ACPSA industries is available at <https://apps.bea.gov/regional/xls/ListofARTSIndustries.xlsx>

U.S. Bureau of Economic Analysis

Table 9. Industry Contributions to Percent Change in Arts and Cultural Production Employment by State, 2021—Table Ends

	Percentage points											
	Supporting arts and cultural production industries											
	Art support services			Information services					Manufacturing	Construction	Wholesale and transportation industries	Retail industries
	Rental and leasing	Government	Rest of art support services	Publishing	Motion pictures	Sound recording	Broadcasting	Other information services				
United States	0.01	-0.46	0.08	0.20	1.32	0.01	-0.14	0.36	0.00	0.01	0.19	1.50
Alabama	0.04	-0.38	0.07	0.31	0.31	0.00	-0.06	0.24	-0.06	-0.12	-0.06	1.37
Alaska	-0.01	-0.10	0.11	0.02	(D)	0.01	-0.46	0.02	0.04	0.42	0.10	2.19
Arizona	0.03	0.00	0.04	0.48	0.36	0.00	-0.42	0.24	-0.07	0.29	-0.01	2.83
Arkansas	0.01	-0.93	0.06	(D)	0.29	(D)	-0.12	0.25	(D)	-2.87	0.14	1.91
California	0.03	-0.28	0.04	-0.01	3.22	0.01	-0.14	0.64	0.07	0.93	0.20	1.25
Colorado	0.01	-0.39	0.06	0.49	0.41	0.01	-0.30	0.25	-0.06	-0.25	0.10	1.50
Connecticut	0.00	-0.05	0.10	-0.16	0.34	0.00	-0.24	0.30	-0.09	2.91	0.02	1.04
Delaware	-0.07	-1.60	0.12	0.08	0.68	0.05	-0.71	0.00	(D)	0.47	0.31	(D)
District of Columbia	-0.01	-1.27	0.43	(D)	0.02	-0.01	-0.05	-0.18	(D)	0.73	0.00	-0.06
Florida	0.02	(D)	0.04	0.45	0.62	-0.07	0.08	0.39	(D)	-1.21	0.50	1.93
Georgia	0.03	-0.39	0.06	0.51	5.79	0.05	0.06	0.29	-0.10	0.14	0.10	1.72
Hawaii	(D)	0.21	0.10	-0.10	3.02	0.00	-0.05	0.24	0.30	0.04	(D)	0.66
Idaho	0.05	-0.55	0.06	0.33	0.47	(D)	0.24	0.17	(D)	-1.31	0.02	2.03
Illinois	-0.01	-0.11	0.20	0.04	0.58	0.05	-0.44	0.05	-0.23	1.14	0.19	1.35
Indiana	-0.01	-0.72	0.11	(D)	(D)	-0.01	-0.08	-0.02	-0.24	-0.02	0.44	2.35
Iowa	(D)	-0.53	0.10	-0.27	0.23	(D)	-0.10	0.72	0.04	0.02	0.08	1.07
Kansas	(D)	-0.60	0.08	(D)	0.08	(D)	-0.59	-0.12	(D)	-0.81	-0.11	0.89
Kentucky	0.00	-0.83	0.11	-0.07	0.29	-0.01	-0.03	0.03	(D)	-1.42	(D)	1.37
Louisiana	0.11	-1.62	0.03	0.08	3.91	(D)	-0.03	0.11	0.10	0.22	0.22	1.32
Maine	0.01	0.36	0.05	0.27	0.38	-0.03	0.14	0.16	0.11	3.66	0.21	2.77
Maryland	-0.01	-0.13	0.13	-0.04	0.68	-0.06	-0.40	0.21	-0.02	0.81	0.40	1.07
Massachusetts	-0.01	(D)	0.11	0.52	(D)	0.00	-0.08	0.71	0.02	-0.43	0.23	1.22
Michigan	-0.04	-0.65	0.14	-0.02	0.46	0.01	-0.23	0.16	0.07	-0.56	0.56	1.98
Minnesota	0.00	-0.19	0.08	-0.52	0.18	-0.02	-0.40	0.14	-0.12	0.54	0.17	1.07
Mississippi	0.02	-1.28	0.04	-0.32	1.05	0.01	-0.27	0.05	-0.04	-0.38	-0.01	1.63
Missouri	0.02	-0.44	0.07	0.09	0.17	(D)	0.48	0.20	-0.07	-0.18	0.40	2.06
Montana	(D)	-0.27	0.06	(D)	-0.15	0.02	-0.25	0.18	0.30	-1.98	0.09	2.16
Nebraska	0.00	-0.20	0.02	4.08	0.42	0.01	-0.04	0.11	-0.04	-1.27	-0.32	1.13
Nevada	0.16	-0.99	0.04	0.31	2.29	0.05	0.11	0.41	0.10	-2.81	(D)	2.89
New Hampshire	0.03	-0.59	0.06	-0.06	0.19	0.03	-0.43	0.24	-0.08	0.30	0.51	1.62
New Jersey	-0.05	-0.14	0.13	0.38	0.33	0.04	0.12	0.45	-0.04	0.15	0.21	0.78
New Mexico	-0.04	-1.38	0.06	0.01	5.42	0.05	-0.17	-0.02	0.06	0.01	(D)	1.78
New York	0.01	-0.60	0.05	-0.07	2.26	0.03	-0.23	0.39	0.13	-0.55	0.02	0.62
North Carolina	0.01	-0.36	0.06	0.75	0.61	0.03	-0.08	0.25	0.10	0.03	0.42	2.42
North Dakota	(D)	0.40	(D)	(D)	0.17	(D)	(D)	0.02	-0.03	2.18	(D)	1.47
Ohio	-0.01	-0.45	0.12	0.08	0.38	0.00	-0.09	0.20	0.02	0.08	0.57	1.15
Oklahoma	0.01	0.04	0.02	-0.61	0.39	(D)	-0.37	0.07	(D)	-3.25	-0.80	2.34
Oregon	-0.01	-0.03	0.07	0.29	1.12	-0.01	(D)	0.18	0.01	0.34	-0.13	2.05
Pennsylvania	0.01	-0.68	0.12	0.06	0.79	0.04	-0.01	0.24	-0.11	-1.33	0.06	1.97
Rhode Island	-0.04	-0.21	0.08	-0.03	0.88	0.01	-0.08	(D)	0.86	3.12	(D)	1.25
South Carolina	0.00	-0.36	0.03	1.29	0.74	(D)	0.15	0.12	(D)	1.66	0.78	0.04
South Dakota	0.01	0.31	0.04	-0.37	0.23	0.02	0.15	(D)	0.20	1.25	(D)	1.03
Tennessee	-0.03	-0.52	0.05	0.84	1.13	0.22	-0.16	0.35	0.05	0.11	0.45	1.39
Texas	0.00	-0.78	0.04	0.51	0.57	0.02	-0.10	0.28	0.04	0.02	0.06	1.99
Utah	0.02	-0.31	0.02	0.99	1.44	0.00	-0.45	0.25	0.14	0.46	0.06	2.43
Vermont	-0.02	-0.02	(D)	-0.07	0.41	0.04	-0.18	(D)	0.24	-2.79	(D)	1.60
Virginia	0.01	-0.77	0.17	0.02	0.60	0.01	-0.34	0.20	-0.10	0.20	0.15	1.23
Washington	0.01	-0.55	0.05	0.45	0.45	0.01	-0.17	1.54	-0.04	-1.15	0.09	2.39
West Virginia	0.04	-0.37	0.18	-0.14	0.25	0.01	0.18	0.09	0.19	0.70	-0.23	1.30
Wisconsin	-0.02	-0.61	0.08	-0.10	0.22	(D)	-0.03	0.08	(D)	1.07	0.20	1.27
Wyoming	(D)	0.10	0.06	-0.19	0.03	(D)	-0.01	0.11	-0.06	3.67	(D)	(D)

ACPSA Arts and Cultural Production Satellite Account

(D) Data are suppressed to avoid disclosure of confidential information.

1. Total arts and cultural production industries includes core industries, supporting industries, and industries with secondary production that are designated as artistic and cultural.

Note. A concordance of NAICS and ACPSA industries is available at <https://apps.bea.gov/regional/xls/ListofARTSIndustries.xlsx>

U.S. Bureau of Economic Analysis

Table 10. Real Gross Output Contributions by Arts and Cultural Production Industry

[Percentage points]

Line	ACPSA industry description	2017	2018	2019	2020	2021
1	Total industries' percent change	3.74	4.66	2.93	-4.40	14.24
2	Core arts and cultural production	0.86	1.33	1.01	-3.03	3.73
3	Performing arts	0.37	0.49	0.32	-2.82	1.67
4	Performing arts companies	0.05	0.03	0.06	-0.54	0.15
5	Promoters of performing arts and similar events	0.13	0.14	0.07	-1.03	1.00
6	Agents/managers for artists	0.00	0.03	0.02	-0.15	0.17
7	Independent artists, writers, and performers	0.18	0.28	0.17	-1.11	0.35
8	Museums	0.04	0.03	0.04	-0.20	0.13
9	Design services	0.43	0.76	0.63	0.11	1.82
10	Advertising	0.21	0.34	0.20	0.32	0.96
11	Architectural services	0.06	0.16	0.17	-0.05	0.16
12	Landscape architectural services	0.02	0.03	0.02	0.01	0.03
13	Interior design services	0.03	0.12	0.10	0.04	0.23
14	Industrial design services	0.02	0.00	0.02	0.02	0.04
15	Graphic design services	0.00	-0.01	0.08	-0.02	0.16
16	Computer systems design	0.05	0.04	0.02	0.02	0.03
17	Photography and photofinishing services	0.05	0.08	0.03	-0.23	0.20
18	All other design services	0.00	0.00	0.01	-0.01	0.02
19	Fine arts education	0.02	0.04	0.02	-0.09	0.12
20	Education services	0.01	0.01	0.00	-0.03	-0.01
21	Supporting arts and cultural production	2.97	3.35	1.91	-1.13	10.25
22	Art support services	-0.04	0.14	0.27	-0.14	0.37
23	Rental and leasing	-0.04	0.02	0.00	-0.13	0.04
24	Grantmaking and giving services	0.00	0.00	0.01	-0.01	-0.01
25	Unions	0.01	0.00	0.00	-0.01	0.01
26	Government	0.00	0.10	0.26	0.04	0.30
27	Other support services	0.01	0.01	0.00	-0.03	0.03
28	Information services	2.07	2.99	1.68	-0.08	8.65
29	Publishing	0.60	0.32	0.17	0.11	1.32
30	Motion pictures	-0.03	0.45	0.18	-1.41	1.04
31	Sound recording	0.07	0.15	0.18	0.08	0.31
32	Broadcasting	-0.07	0.09	-0.35	-0.11	1.00
33	Other information services	1.51	1.99	1.51	1.25	4.98
34	Manufacturing	0.01	0.00	-0.11	-0.29	-0.08
35	Jewelry and silverware manufacturing	-0.04	0.02	-0.03	-0.08	-0.01
36	Printed goods manufacturing	0.02	-0.03	-0.07	-0.13	-0.02
37	Musical instruments manufacturing	0.00	0.01	0.00	-0.01	0.00
38	Custom architectural woodwork and metalwork manufacturing	0.00	0.00	-0.02	-0.07	-0.05
39	Other goods manufacturing	0.03	0.00	0.01	-0.01	-0.01
40	Construction	0.11	0.05	0.02	-0.13	-0.19
41	NonACPSA-related production	-0.09	-0.02	0.01	-0.23	0.25
42	Wholesale and transportation industries	0.47	0.01	-0.04	-0.41	0.70
43	Retail industries	0.34	0.15	0.08	-0.07	0.80
44	All other industries¹	-0.09	-0.02	0.01	-0.23	0.25

ACPSA Arts and Cultural Production Satellite Account

1. Consists of the industries with secondary production designated as artistic and cultural.

Note. A concordance of NAICS and ACPSA industries is available at <https://apps.bea.gov/regional/xls/ListofARTSIndustries.xlsx>.

U.S. Bureau of Economic Analysis

Table 11. Industry Contributions to Percent Change in Value Added of Arts and Cultural Production

[Percentage points]

Line	ACPSA industry description	2017	2018	2019	2020	2021
1	Total industries' percent change	2.58	4.02	1.88	-4.80	13.70
2	Core arts and cultural production	0.69	1.70	0.72	-3.45	4.41
3	Performing arts	0.31	0.58	0.24	-3.18	2.19
4	Performing arts companies	-0.01	0.01	0.00	-0.47	0.22
5	Promoters of performing arts and similar events	0.07	0.11	0.01	-1.02	1.09
6	Agents/managers for artists	0.00	0.05	0.03	-0.18	0.28
7	Independent artists, writers, and performers	0.26	0.41	0.21	-1.50	0.61
8	Museums	-0.03	0.07	-0.01	-0.04	0.14
9	Design services	0.39	0.99	0.44	-0.06	2.00
10	Advertising	0.20	0.36	0.04	0.22	1.06
11	Architectural services	0.11	0.20	0.22	-0.13	0.16
12	Landscape architectural services	0.03	0.03	0.02	0.00	0.04
13	Interior design services	-0.03	0.18	0.05	0.00	0.22
14	Industrial design services	0.02	0.01	0.01	0.02	0.06
15	Graphic design services	-0.03	0.02	0.06	-0.02	0.18
16	Computer systems design	0.06	0.06	0.04	0.03	0.06
17	Photography and photofinishing services	0.05	0.15	0.00	-0.19	0.24
18	All other design services	0.00	0.01	0.01	-0.03	0.03
19	Fine arts education	0.02	0.04	0.03	-0.12	0.08
20	Education services	-0.01	0.02	0.02	-0.04	-0.02
21	Supporting arts and cultural production	2.73	2.32	1.14	-1.14	9.02
22	Art support services	0.10	0.09	0.14	-0.47	0.09
23	Rental and leasing	-0.03	0.03	0.01	-0.18	0.07
24	Grantmaking and giving services	0.00	-0.01	0.01	-0.02	-0.01
25	Unions	0.01	0.00	0.00	0.00	0.01
26	Government	0.11	0.06	0.12	-0.24	0.01
27	Other support services	0.01	0.00	0.00	-0.03	0.02
28	Information services	1.64	2.18	0.97	0.62	7.93
29	Publishing	0.86	0.82	0.62	1.20	1.88
30	Motion pictures	-0.03	-0.60	-0.43	-1.00	1.12
31	Sound recording	0.12	0.05	0.11	0.05	0.42
32	Broadcasting	-0.11	-0.02	-0.38	-0.25	0.82
33	Other information services	0.80	1.94	1.05	0.63	3.69
34	Manufacturing	0.12	0.04	-0.11	-0.32	0.09
35	Jewelry and silverware manufacturing	0.02	0.05	-0.05	-0.08	0.05
36	Printed goods manufacturing	0.04	-0.01	-0.05	-0.14	0.02
37	Musical instruments manufacturing	0.00	0.00	0.01	-0.02	0.02
38	Custom architectural woodwork and metalwork manufacturing	0.02	-0.01	-0.02	-0.07	0.00
39	Other goods manufacturing	0.04	0.01	-0.01	0.00	0.01
40	Construction	0.20	-0.04	0.03	-0.47	-0.05
41	NonACPSA-related production	-0.07	-0.01	0.02	-0.18	0.25
42	Wholesale and transportation industries	0.33	-0.06	-0.03	-0.24	0.36
43	Retail industries	0.34	0.11	0.13	-0.27	0.59
44	All other industries¹	-0.07	-0.01	0.02	-0.18	0.25

ACPSA Arts and Cultural Production Satellite Account

1. Consists of the industries with secondary production designated as artistic and cultural.

Note. A concordance of NAICS and ACPSA industries is available at <https://apps.bea.gov/regional/xls/ListofARTSIndustries.xlsx>.

U.S. Bureau of Economic Analysis