

News Release

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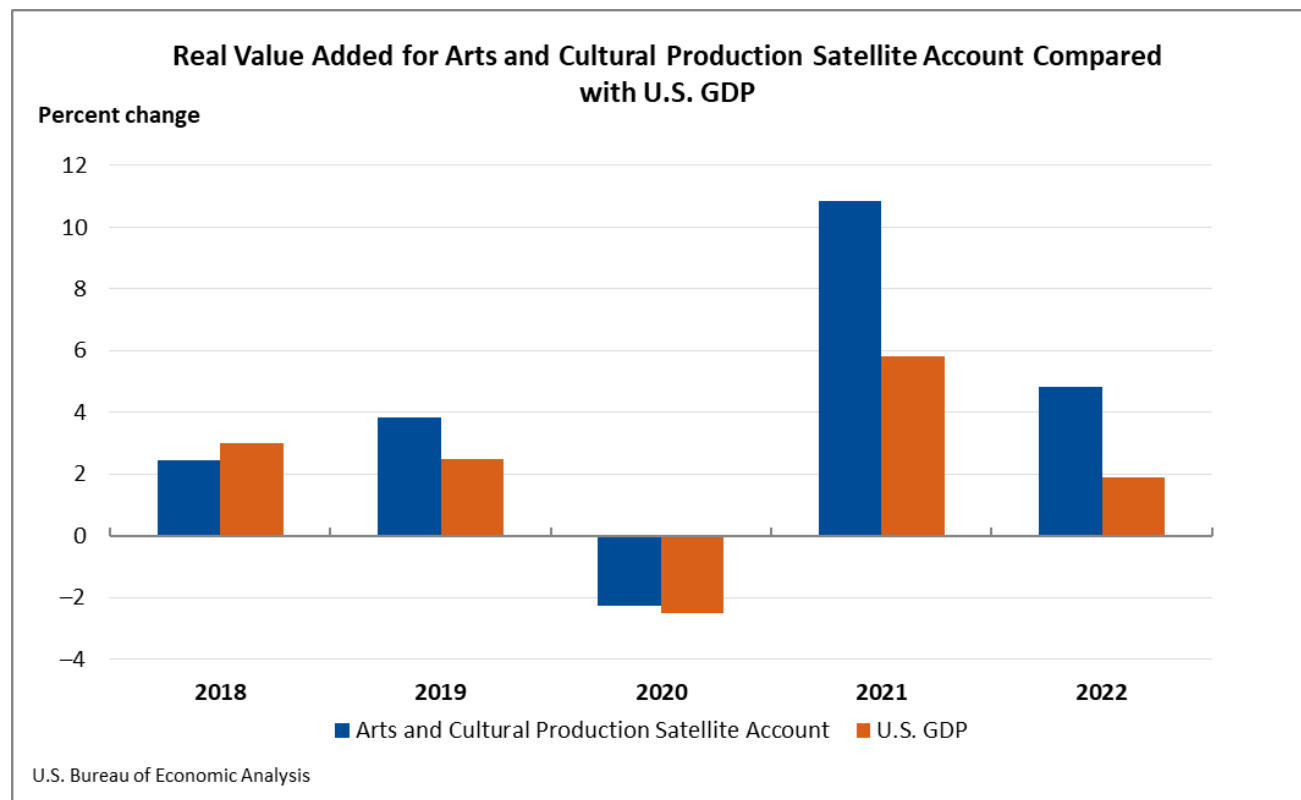
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Arts and Cultural Production Satellite Account, U.S. and States, 2022

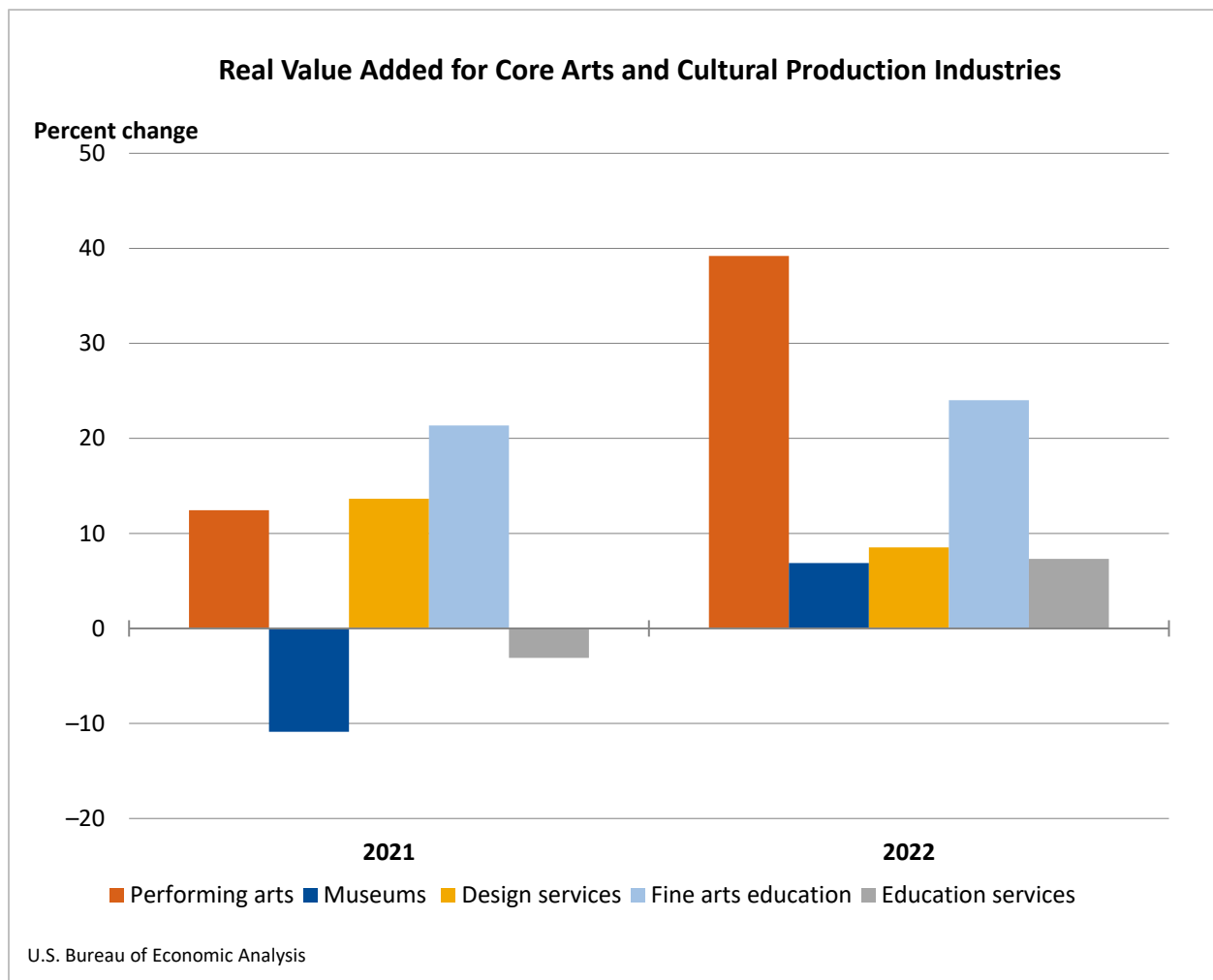
New statistics for 2022; 2017–2021 updated

The Arts and Cultural Production Satellite Account released today by the U.S. Bureau of Economic Analysis (BEA) shows that arts and cultural economic activity, adjusted for inflation, increased 4.8 percent in 2022 after increasing 10.8 percent in 2021 (table 1). By comparison, the broader economy, as measured by real gross domestic product (GDP), increased 1.9 percent in 2022 after increasing 5.8 percent in 2021. Arts and cultural economic activity accounted for 4.3 percent of GDP, or \$1.10 trillion, in 2022 (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 18.2 percent in 2022. Supporting arts and cultural production industries, which include art support services and information services, increased 1.4 percent in 2022 (table 1).

- Performing arts increased 39.2 percent in 2022 after increasing 12.4 percent in 2021. The leading contributor to the increase was performing arts companies, which increased 76.5 percent in 2022 after decreasing 27.8 percent in 2021.
- Museums increased 6.9 percent in 2022 after decreasing 10.9 percent in 2021.
- Design services increased 8.5 percent in 2022 after increasing 13.6 percent in 2021.
- Fine arts education increased 24.0 percent in 2022 after increasing 21.4 percent in 2021.
- Education services increased 7.3 percent in 2022 after decreasing 3.1 percent in 2021.



Nominal value added

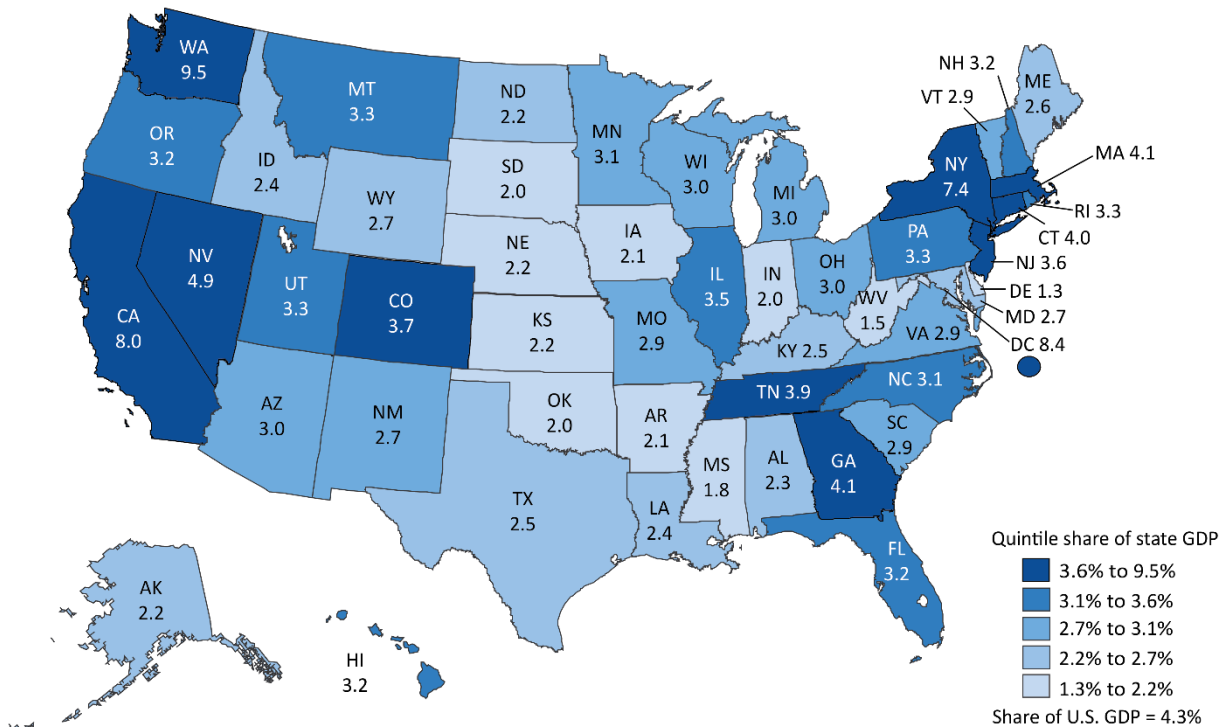
Nominal value added (not adjusted for inflation) increased 7.8 percent nationally in 2022 (table 2). The leading contributor to the increase was core arts and cultural production industries (table 4). Supporting arts and cultural production industries increased 4.1 percent to a level of \$825.6 billion; the leading contributor to the increase was information services. Core arts and cultural production industries increased 21.8 percent in 2022 to a level of \$249.0 billion; the leading contributors to the increase were performing arts and design services.

In 2022, nominal value added in arts and cultural production industries increased in every state and the District of Columbia. The percent change across all states ranged from 23.9 percent in Connecticut to 2.0 percent in Nebraska (table 2).

In Connecticut—the state with the largest increase in value added—broadcasting, other information services, and design services were the leading contributors to the increase in value added. In Nebraska—the state with the smallest increase in value added—a decrease in other information services mitigated the increase (table 4).

For all states and the District of Columbia, the arts and cultural share of total GDP ranged from 9.5 percent in Washington to 1.3 percent in Delaware. 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 (table 3).

Arts and Cultural Value Added: Share of State GDP, 2022



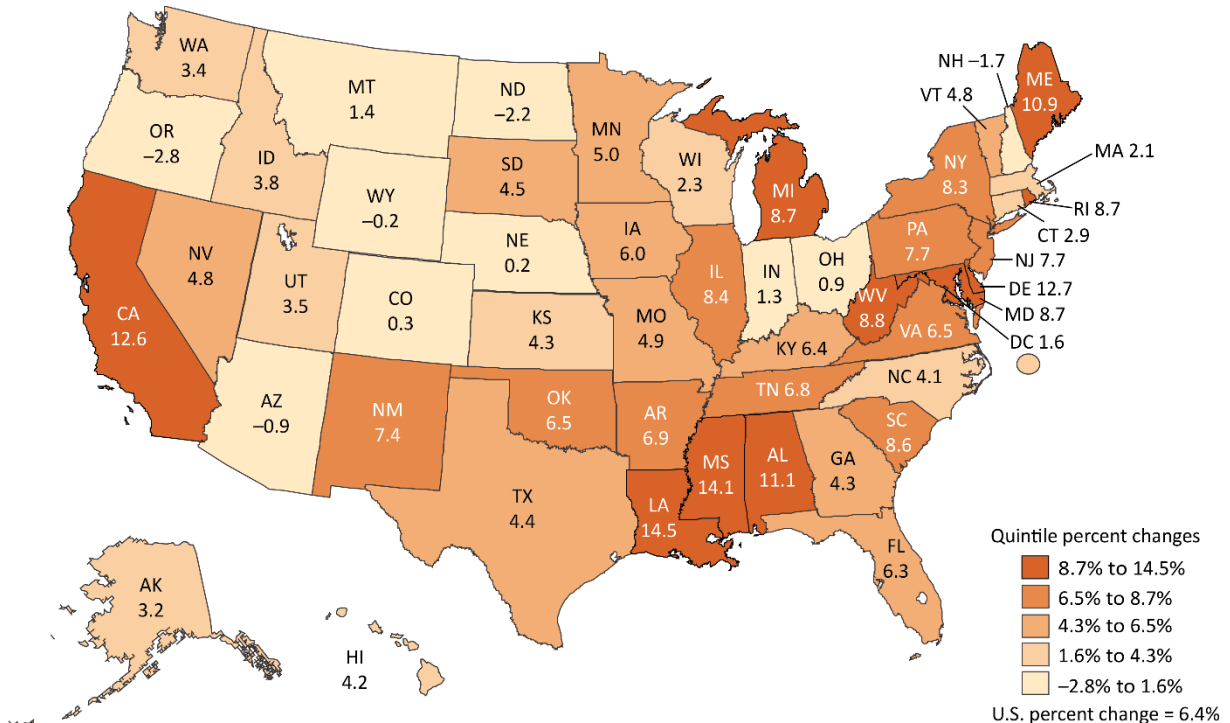
The top arts and cultural production industries varied among the states. In Washington, publishing and retail industries were the leading contributors to the share of total state GDP. Government and broadcasting were the leading contributors in the District of Columbia. Other information services and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

Employment

Arts and cultural employment nationwide increased 6.4 percent in 2022. The total number of arts and cultural jobs for the nation was 5.2 million. Arts and cultural employment increased in 45 states and the District of Columbia. The percent change across all states ranged from 14.5 percent in Louisiana to -2.8 percent in Oregon (table 8).

Louisiana had 55,212 jobs related to arts and culture, representing 2.8 percent of all jobs in the state. Retail industries and motion pictures were the leading contributors to the increase in arts and cultural employment in Louisiana. In Oregon, retail industries and publishing were the leading contributors to the decrease in arts and cultural employment (table 9).

Arts and Cultural Employment: Percent Change, 2021–2022



U.S. Bureau of Economic Analysis

Compensation

Arts and cultural compensation nationwide increased 4.3 percent in 2022. Arts and cultural compensation increased in all 50 states and the District of Columbia. The percent change across all states ranged from 17.2 percent in Michigan to 0.3 percent in California (table 8).

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 2021, with new statistics for 2022, and updated state-level statistics on value added, employment, and compensation from 2017 to 2021, with new statistics for 2022. These revised and newly available statistics primarily reflect the incorporation of revised and newly available source data from the 2023 comprehensive 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.

The reference year for the chained-dollar estimates of national-level arts and cultural production statistics is updated to 2017 from 2012.

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

Next release: March 2025
Arts and Cultural Production Satellite Account, U.S. and States, 2023

Additional Information

Resources

- Stay informed about BEA developments by reading [The BEA Wire](#), signing up for BEA's [email subscription service](#), or following [@BEA_News](#) on X, formerly known as Twitter.
- The time series of detailed annual statistics for 2017 through 2022 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

"Culture" in the context of input-output tables for the Arts and Cultural Production Satellite Account 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).

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

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.

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.

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, or "real" measures, and prices are expressed as index numbers with a specified reference year equal to 100 (currently 2017). 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 (2017) 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

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

Line	ACPSA industry description	2018	2019	2020	2021	2022
1	Total	2.4	3.8	-2.3	10.8	4.8
2	Core arts and cultural production	7.2	4.0	-11.7	11.1	18.2
3	Performing arts	6.9	2.7	-28.7	12.4	39.2
4	Performing arts companies	0.9	-0.4	-25.2	-27.8	76.5
5	Promoters of performing arts and similar events	6.6	4.1	-41.5	14.2	70.0
6	Agents/managers for artists	8.4	1.2	-20.5	28.6	55.3
7	Independent artists, writers, and performers	9.9	3.6	-25.0	27.7	18.4
8	Museums	4.6	1.1	0.6	-10.9	6.9
9	Design services	8.0	5.1	-1.1	13.6	8.5
10	Advertising	7.3	1.9	3.9	13.3	5.8
11	Architectural services	7.6	8.3	-5.2	12.4	10.9
12	Landscape architectural services	6.1	5.6	-6.8	15.2	13.9
13	Interior design services	13.9	6.8	6.6	16.8	10.8
14	Industrial design services	3.0	9.4	11.2	14.0	7.2
15	Graphic design services	1.7	4.8	-0.8	14.0	9.6
16	Computer systems design	10.2	9.4	0.6	3.7	46.0
17	Photography and photofinishing services	12.3	6.0	-22.0	12.9	-3.3
18	All other design services	4.6	4.9	-17.9	30.6	13.4
19	Fine arts education	14.8	13.1	-31.7	21.4	24.0
20	Education services	-1.2	2.2	2.6	-3.1	7.3
21	Supporting arts and cultural production	1.1	3.8	0.6	10.9	1.4
22	Art support services	0.2	1.4	-2.8	2.1	4.3
23	Rental and leasing	2.1	-0.3	-21.9	7.8	2.8
24	Grantmaking and giving services	-0.8	12.0	-8.5	15.3	5.7
25	Unions	2.2	4.2	7.3	-7.9	-1.6
26	Government	0.1	1.4	-1.5	1.7	4.3
27	Other support services	8.1	-4.1	-60.3	57.5	43.8
28	Information services	1.0	5.7	1.9	16.1	2.9
29	Publishing	4.5	10.4	4.4	15.4	4.6
30	Motion pictures	-6.0	-5.7	-16.6	18.2	6.5
31	Sound recording	3.2	8.0	8.9	19.4	18.9
32	Broadcasting	-0.3	-1.0	-1.5	6.5	3.2
33	Other information services	5.6	20.2	14.2	25.1	-1.4
34	Manufacturing	0.2	-1.8	-10.8	6.2	-4.4
35	Jewelry and silverware manufacturing	4.1	4.1	-17.8	12.2	10.5
36	Printed goods manufacturing	0.0	-7.0	-17.9	5.0	-6.5
37	Musical instruments manufacturing	-3.7	-0.3	1.3	12.5	-1.2
38	Custom architectural woodwork and metalwork manufacturing	-2.6	-7.3	-9.1	-4.2	-16.6
39	Other goods manufacturing	1.6	11.0	3.9	12.8	-0.2
40	Construction	5.6	-3.2	-13.4	-0.5	-14.3
41	NonACPSA-related production	-0.3	-0.9	4.8	1.1	-4.0
42	Wholesale and transportation industries	4.9	1.7	2.8	2.0	-7.3
43	Retail industries	1.6	2.4	-3.4	5.6	4.7
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, 2022

	Thousands of dollars			Percent change, 2021–2022		
	Arts and cultural production industries			Arts and cultural production industries		
	Total ¹	Core	Supporting	Total ¹	Core	Supporting
United States	1,102,084,995	249,041,635	825,640,479	7.8	21.8	4.1
Alabama	6,368,615	1,051,226	4,996,603	15.8	15.3	16.3
Alaska	1,467,824	164,338	1,251,660	5.3	22.5	3.2
Arizona	14,203,727	3,230,645	10,492,553	16.2	26.7	13.6
Arkansas	3,489,875	852,539	2,427,133	13.1	24.6	9.5
California	290,287,025	65,880,991	221,180,661	6.9	22.4	3.0
Colorado	18,083,387	4,883,761	12,640,056	7.9	23.2	2.6
Connecticut	12,769,785	2,535,242	9,874,606	23.9	15.6	26.9
Delaware	1,142,080	285,769	759,089	18.3	26.0	17.0
District of Columbia	13,848,258	4,138,645	9,595,706	3.1	13.8	-0.9
Florida	45,361,134	13,093,517	30,522,685	14.5	27.5	9.5
Georgia	31,573,810	6,747,128	23,952,131	9.0	16.2	6.9
Hawaii	3,262,977	947,969	2,228,581	6.0	26.2	-0.8
Idaho	2,646,407	526,288	2,001,463	14.7	22.4	13.2
Illinois	36,149,882	9,739,022	25,223,572	13.2	13.4	13.3
Indiana	9,269,870	1,969,210	6,683,741	6.7	21.0	1.7
Iowa	4,971,913	885,423	3,810,449	8.4	16.4	6.7
Kansas	4,627,003	822,719	3,556,322	8.1	13.9	6.8
Kentucky	6,490,178	1,140,802	5,042,232	6.7	19.4	4.1
Louisiana	6,977,999	1,397,211	5,236,621	16.9	19.9	16.6
Maine	2,196,646	668,193	1,427,701	12.5	25.1	7.4
Maryland	12,868,907	2,497,800	9,893,344	4.2	11.5	2.2
Massachusetts	28,572,168	6,725,483	21,082,043	7.5	18.7	4.3
Michigan	18,394,137	4,886,735	12,713,873	17.1	22.7	15.7
Minnesota	13,778,712	3,438,586	9,791,086	9.7	17.2	7.3
Mississippi	2,570,559	334,674	2,065,378	10.5	18.9	9.4
Missouri	11,460,067	3,131,131	7,832,397	6.2	19.4	1.5
Montana	2,238,444	539,148	1,628,917	7.1	16.3	4.2
Nebraska	3,642,608	821,642	2,651,595	2.0	16.4	-2.0
Nevada	10,875,871	2,941,782	7,724,873	13.1	49.8	3.5
New Hampshire	3,354,356	670,006	2,551,465	7.1	32.4	1.8
New Jersey	27,331,096	5,417,656	21,062,965	11.4	21.7	9.1
New Mexico	3,380,585	508,708	2,748,927	9.9	12.0	9.6
New York	151,066,164	40,225,524	108,991,295	4.6	23.5	-1.1
North Carolina	22,029,666	4,705,710	16,578,190	11.1	18.5	9.3
North Dakota	1,613,472	207,024	1,333,719	2.3	10.4	0.7
Ohio	24,981,025	5,312,469	18,672,233	5.3	19.4	1.6
Oklahoma	4,831,045	1,135,989	3,386,979	7.3	10.9	5.7
Oregon	9,517,877	2,398,542	6,802,579	3.6	18.4	-1.0
Pennsylvania	30,071,274	6,673,558	22,236,391	6.8	21.3	2.7
Rhode Island	2,367,747	567,130	1,690,601	10.3	26.2	5.4
South Carolina	8,569,112	1,856,682	6,293,457	13.6	26.1	9.0
South Dakota	1,400,563	249,717	1,085,780	10.3	16.0	9.6
Tennessee	18,717,940	5,259,022	12,916,790	17.5	41.3	10.2
Texas	59,321,880	14,177,797	42,677,404	5.6	22.1	0.8
Utah	8,469,334	1,920,320	6,317,306	5.9	26.0	0.9
Vermont	1,164,507	364,167	755,695	10.1	24.9	4.3
Virginia	19,348,043	4,200,377	14,447,018	6.0	16.1	3.2
Washington	70,242,388	4,159,379	65,485,777	3.2	19.5	2.2
West Virginia	1,468,574	156,306	1,207,658	7.0	20.2	5.4
Wisconsin	11,932,986	2,370,292	9,065,834	11.0	16.7	9.8
Wyoming	1,315,493	227,641	1,045,347	8.9	16.2	7.4

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 here: <https://apps.bea.gov/regional/xls/ListofARTSIndustries.xlsx>

Table 3. Industry Contributions to the Arts and Cultural Production Share of GDP by State, 2022—Continues

	Total arts and cultural production industries as a share of GDP (percent) 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	4.3	0.07	0.08	0.02	0.18	0.05	0.20	0.12	0.20	0.01	0.03
Alabama	2.3	0.02	0.02	0.00	0.02	0.03	0.08	0.08	0.11	0.01	0.01
Alaska	2.2	0.02	0.02	0.00	0.01	0.05	0.04	0.07	0.03	0.01	0.00
Arizona	3.0	0.04	0.06	0.01	0.06	0.05	0.13	0.10	0.20	0.01	0.02
Arkansas	2.1	0.02	0.06	0.00	0.01	0.04	0.17	0.11	0.09	0.01	0.01
California	8.0	0.11	0.15	0.08	0.74	0.05	0.20	0.14	0.29	0.02	0.02
Colorado	3.7	0.04	0.09	0.01	0.13	0.06	0.16	0.17	0.31	0.02	0.02
Connecticut	4.0	0.03	0.05	0.01	0.09	0.07	0.22	0.09	0.15	0.02	0.06
Delaware	1.3	0.02	0.03	0.00	0.04	0.06	0.06	0.03	0.06	0.01	0.00
District of Columbia	8.4	0.08	0.39	0.01	0.10	0.10	1.09	0.39	0.20	0.01	0.13
Florida	3.2	0.06	0.07	0.02	0.13	0.04	0.16	0.11	0.29	0.01	0.02
Georgia	4.1	0.05	0.05	0.01	0.06	0.03	0.31	0.12	0.22	0.01	0.02
Hawaii	3.2	0.11	0.05	0.00	0.22	0.15	0.05	0.16	0.17	0.01	0.03
Idaho	2.4	0.03	0.02	0.00	0.05	0.02	0.09	0.10	0.14	0.01	0.01
Illinois	3.5	0.05	0.05	0.01	0.06	0.06	0.32	0.13	0.21	0.02	0.03
Indiana	2.0	0.03	0.04	0.00	0.03	0.03	0.08	0.06	0.11	0.01	0.02
Iowa	2.1	0.02	0.04	0.00	0.02	0.03	0.09	0.06	0.08	0.01	0.02
Kansas	2.2	0.01	0.03	0.00	0.01	0.02	0.10	0.09	0.12	0.01	0.01
Kentucky	2.5	0.02	0.03	0.00	0.05	0.06	0.10	0.06	0.10	0.01	0.01
Louisiana	2.4	0.02	0.05	0.00	0.07	0.05	0.10	0.07	0.08	0.01	0.02
Maine	2.6	0.06	0.06	0.00	0.16	0.07	0.12	0.10	0.14	0.02	0.03
Maryland	2.7	0.03	0.02	0.00	0.03	0.04	0.10	0.08	0.17	0.01	0.03
Massachusetts	4.1	0.06	0.09	0.01	0.06	0.07	0.17	0.20	0.19	0.02	0.10
Michigan	3.0	0.03	0.06	0.01	0.04	0.05	0.19	0.09	0.31	0.01	0.02
Minnesota	3.1	0.06	0.05	0.01	0.05	0.04	0.23	0.13	0.16	0.02	0.02
Mississippi	1.8	0.01	0.01	0.00	0.03	0.02	0.06	0.06	0.04	0.00	0.01
Missouri	2.9	0.07	0.07	0.00	0.04	0.06	0.20	0.15	0.17	0.01	0.02
Montana	3.3	0.02	0.03	0.00	0.16	0.05	0.08	0.20	0.23	0.01	0.01
Nebraska	2.2	0.03	0.06	0.00	0.04	0.05	0.07	0.12	0.10	0.01	0.01
Nevada	4.9	0.29	0.34	0.01	0.27	0.03	0.12	0.09	0.15	0.01	0.01
New Hampshire	3.2	0.05	0.05	0.01	0.09	0.03	0.11	0.07	0.16	0.02	0.06
New Jersey	3.6	0.05	0.06	0.01	0.07	0.02	0.20	0.09	0.18	0.02	0.02
New Mexico	2.7	0.04	0.03	0.00	0.10	0.04	0.05	0.08	0.05	0.02	0.01
New York	7.4	0.19	0.19	0.05	0.33	0.10	0.58	0.17	0.27	0.03	0.06
North Carolina	3.1	0.02	0.04	0.01	0.05	0.04	0.11	0.09	0.25	0.01	0.03
North Dakota	2.2	0.01	0.04	0.00	0.03	0.01	0.06	0.07	0.05	0.01	0.01
Ohio	3.0	0.04	0.10	0.00	0.04	0.06	0.11	0.09	0.17	0.01	0.02
Oklahoma	2.0	0.04	0.02	0.00	0.04	0.09	0.08	0.08	0.09	0.01	0.01
Oregon	3.2	0.06	0.05	0.01	0.07	0.04	0.18	0.15	0.21	0.02	0.02
Pennsylvania	3.3	0.05	0.05	0.00	0.05	0.06	0.18	0.10	0.14	0.01	0.07
Rhode Island	3.3	0.07	0.04	0.00	0.07	0.09	0.11	0.09	0.22	0.01	0.08
South Carolina	2.9	0.04	0.05	0.01	0.09	0.03	0.13	0.09	0.16	0.01	0.01
South Dakota	2.0	0.01	0.05	0.00	0.06	0.05	0.06	0.05	0.06	0.01	0.02
Tennessee	3.9	0.26	0.10	0.06	0.20	0.06	0.12	0.10	0.15	0.01	0.02
Texas	2.5	0.03	0.03	0.01	0.07	0.03	0.12	0.11	0.16	0.01	0.01
Utah	3.3	0.05	0.06	0.01	0.11	0.03	0.12	0.11	0.23	0.02	0.02
Vermont	2.9	0.10	0.05	0.01	0.10	0.09	0.11	0.13	0.22	0.04	0.05
Virginia	2.9	0.04	0.06	0.01	0.06	0.05	0.15	0.10	0.15	0.01	0.02
Washington	9.5	0.04	0.05	0.00	0.03	0.03	0.12	0.13	0.13	0.01	0.01
West Virginia	1.5	0.02	0.01	0.00	0.00	0.01	0.05	0.03	0.03	0.00	0.01
Wisconsin	3.0	0.05	0.05	0.00	0.04	0.03	0.16	0.09	0.13	0.02	0.02
Wyoming	2.7	0.02	0.05	0.00	0.09	0.05	0.04	0.06	0.13	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 here: <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, 2022—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	0.44	0.31	0.08	0.60	0.67	0.07	0.06	0.22	0.23
Alabama	0.01	0.54	0.00	0.17	0.05	0.01	0.51	0.07	0.10	0.02	0.14	0.14
Alaska	0.00	1.17	0.01	0.03	0.05	0.00	0.50	0.01	0.01	0.01	0.02	0.10
Arizona	0.03	0.48	0.01	0.30	0.07	0.01	0.61	0.19	0.05	0.05	0.18	0.24
Arkansas	0.00	0.55	0.00	0.05	0.05	0.01	0.47	0.01	0.07	0.01	0.13	0.11
California	0.03	0.39	0.01	0.58	1.15	0.16	0.50	2.66	0.05	0.10	0.26	0.18
Colorado	0.02	0.65	0.01	0.58	0.09	0.02	0.74	0.08	0.05	0.05	0.17	0.11
Connecticut	0.01	0.42	0.01	0.28	0.33	0.01	1.32	0.34	0.05	0.12	0.10	0.11
Delaware	0.00	0.29	0.01	0.08	0.03	0.01	0.19	0.02	0.01	0.04	0.04	0.12
District of Columbia	0.00	3.22	0.10	0.50	0.12	0.03	0.94	0.73	0.00	0.06	0.07	0.04
Florida	0.04	0.42	0.01	0.29	0.12	0.07	0.41	0.15	0.05	0.07	0.31	0.19
Georgia	0.02	0.46	0.01	0.39	0.54	0.03	1.03	0.19	0.05	0.03	0.16	0.22
Hawaii	0.01	0.53	0.02	0.08	0.31	0.00	0.72	0.11	0.03	0.16	0.16	0.08
Idaho	0.01	0.66	0.01	0.17	0.05	0.01	0.36	0.09	0.03	0.07	0.19	0.16
Illinois	0.03	0.57	0.02	0.30	0.11	0.04	0.28	0.42	0.07	0.10	0.31	0.20
Indiana	0.02	0.51	0.01	0.09	0.03	0.02	0.29	0.02	0.10	0.04	0.14	0.16
Iowa	0.02	0.57	0.01	0.19	0.03	0.00	0.34	0.01	0.09	0.05	0.11	0.17
Kansas	0.01	0.60	0.01	0.18	0.03	0.01	0.53	0.02	0.07	0.04	0.12	0.09
Kentucky	0.01	0.57	0.00	0.09	0.05	0.01	0.75	0.03	0.07	0.04	0.16	0.15
Louisiana	0.08	0.41	0.00	0.06	0.32	0.01	0.49	0.04	0.06	0.04	0.15	0.14
Maine	0.01	0.49	0.01	0.15	0.07	0.01	0.21	0.08	0.23	0.17	0.06	0.17
Maryland	0.02	0.62	0.01	0.25	0.07	0.02	0.46	0.11	0.05	0.14	0.18	0.14
Massachusetts	0.01	0.42	0.01	0.94	0.13	0.02	0.28	0.86	0.08	0.03	0.14	0.12
Michigan	0.02	0.54	0.01	0.19	0.07	0.01	0.30	0.28	0.10	0.01	0.34	0.16
Minnesota	0.01	0.60	0.01	0.40	0.05	0.04	0.33	0.13	0.12	0.04	0.29	0.17
Mississippi	0.02	0.62	0.00	0.06	0.04	0.03	0.46	0.01	0.04	0.02	0.06	0.13
Missouri	0.02	0.54	0.01	0.18	0.05	0.01	0.45	0.05	0.07	0.08	0.26	0.25
Montana	0.01	0.93	0.01	0.13	0.15	0.02	0.67	0.13	0.11	0.05	0.10	0.13
Nebraska	0.01	0.52	0.01	0.31	0.03	0.00	0.32	0.01	0.03	0.19	0.04	0.14
Nevada	0.09	0.56	0.01	0.23	0.14	0.07	0.35	1.43	0.08	0.13	0.28	0.11
New Hampshire	0.01	0.50	0.01	0.57	0.10	0.03	0.34	0.11	0.19	0.06	0.26	0.25
New Jersey	0.03	0.57	0.01	0.28	0.16	0.04	0.42	0.44	0.09	0.04	0.54	0.17
New Mexico	0.02	0.75	0.01	0.09	0.44	0.06	0.52	0.03	0.08	0.07	0.03	0.09
New York	0.02	0.42	0.01	0.58	0.68	0.28	1.66	1.08	0.08	0.04	0.27	0.20
North Carolina	0.01	0.49	0.01	0.40	0.05	0.02	0.67	0.15	0.07	0.02	0.26	0.16
North Dakota	0.01	0.66	0.00	0.25	0.03	0.00	0.41	0.01	0.05	0.06	0.08	0.25
Ohio	0.01	0.51	0.01	0.21	0.04	0.01	0.92	0.11	0.10	0.04	0.15	0.16
Oklahoma	0.02	0.47	0.01	0.06	0.05	0.01	0.35	0.05	0.09	0.08	0.09	0.13
Oregon	0.02	0.68	0.01	0.56	0.17	0.02	0.32	0.06	0.07	0.05	0.18	0.15
Pennsylvania	0.04	0.45	0.01	0.33	0.10	0.02	0.66	0.25	0.09	0.06	0.16	0.26
Rhode Island	0.00	0.52	0.02	0.14	0.11	0.02	0.60	0.11	0.44	0.12	0.15	0.10
South Carolina	0.01	0.56	0.01	0.19	0.07	0.04	0.46	0.09	0.07	0.05	0.43	0.15
South Dakota	0.00	0.72	0.01	0.06	0.06	0.01	0.42	0.02	0.08	0.07	0.04	0.10
Tennessee	0.02	0.42	0.01	0.29	0.20	0.72	0.41	0.03	0.08	0.03	0.24	0.21
Texas	0.03	0.40	0.01	0.25	0.08	0.02	0.52	0.06	0.04	0.03	0.20	0.13
Utah	0.01	0.50	0.01	0.76	0.18	0.01	0.22	0.13	0.09	0.06	0.20	0.31
Vermont	0.00	0.57	0.01	0.27	0.08	0.01	0.26	0.13	0.16	0.10	0.12	0.15
Virginia	0.01	0.53	0.01	0.26	0.07	0.04	0.59	0.15	0.05	0.08	0.26	0.12
Washington	0.01	0.67	0.01	2.90	0.09	0.03	0.40	2.15	0.04	0.04	0.10	2.42
West Virginia	0.01	0.62	0.01	0.05	0.02	0.00	0.32	0.01	0.05	0.02	0.03	0.10
Wisconsin	0.01	0.63	0.01	0.51	0.03	0.03	0.44	0.10	0.15	0.16	0.09	0.12
Wyoming	0.01	1.35	0.00	0.06	0.04	0.00	0.30	0.04	0.01	0.20	0.04	0.08

ACPSA Arts and Cultural Production Satellite Account

Table 4. Industry Contributions to Percent Change in Value Added of Arts and Cultural Production by State, 2022—Continues

	Percent change in value added of total arts and cultural production industries ¹	Percentage points									
		Core arts and cultural production industries									
		Performing arts					Design services				
		Performing arts companies	Promoters of performing arts and similar events	Agents/managers for artists	Independent artists, writers, and performers	Museums	Advertising	Architectural services	Rest of design services	Fine arts education	Education services
United States	7.8	0.82	0.85	0.17	0.93	0.14	0.48	0.34	0.50	0.06	0.06
Alabama	15.8	0.44	0.46	0.04	0.31	0.19	0.32	0.25	0.47	0.03	0.02
Alaska	5.3	0.53	0.29	0.01	0.16	0.50	0.29	0.26	0.03	0.09	0.00
Arizona	16.2	0.81	0.76	0.04	0.64	0.25	1.13	0.47	1.39	0.06	0.04
Arkansas	13.1	0.45	1.72	0.03	0.12	0.18	1.00	0.93	0.95	0.02	0.05
California	6.9	0.60	1.06	0.34	1.61	0.09	0.23	0.19	0.28	0.05	0.00
Colorado	7.9	0.56	0.95	0.04	1.24	0.32	0.46	0.65	1.15	0.08	0.03
Connecticut	23.9	0.52	0.71	0.06	0.30	0.21	0.28	0.26	0.71	0.07	0.20
Delaware	18.3	0.91	1.43	0.17	0.92	0.19	0.52	0.53	0.85	0.64	-0.05
District of Columbia	3.1	0.46	1.14	0.03	0.22	0.06	1.13	0.40	0.22	0.01	0.05
Florida	14.5	0.98	0.88	0.11	1.88	0.20	0.96	0.65	1.34	0.01	0.12
Georgia	9.0	0.63	0.49	0.04	0.10	0.09	0.97	0.47	0.41	0.00	0.03
Hawaii	6.0	1.97	0.63	0.00	1.55	1.10	0.16	0.29	0.53	0.09	0.08
Idaho	14.7	0.66	0.41	0.08	0.62	0.13	0.44	0.91	0.89	0.04	0.00
Illinois	13.2	0.74	0.68	0.07	0.25	0.17	0.82	0.48	0.14	0.15	0.10
Indiana	6.7	0.58	0.82	0.04	0.60	0.15	0.43	0.44	0.66	0.04	0.17
Iowa	8.4	0.48	0.66	0.10	0.40	0.17	0.14	0.28	0.40	0.01	0.06
Kansas	8.1	0.25	0.40	0.02	0.07	0.10	0.73	0.39	0.37	0.00	0.02
Kentucky	6.7	0.42	0.23	0.06	0.79	0.36	0.49	0.37	0.25	0.04	0.05
Louisiana	16.9	0.36	1.05	0.02	0.60	0.26	1.00	0.17	0.32	0.02	0.09
Maine	12.5	1.26	1.34	0.02	1.77	0.48	0.31	0.40	1.02	0.08	0.18
Maryland	4.2	0.42	0.26	-0.02	0.40	0.15	0.40	0.25	0.17	0.03	0.01
Massachusetts	7.5	0.68	0.98	0.16	0.17	0.18	0.35	0.62	0.60	0.12	0.13
Michigan	17.1	0.49	0.95	0.11	0.33	0.26	0.64	0.37	2.49	0.05	0.08
Minnesota	9.7	1.05	0.75	0.02	0.62	0.18	0.50	0.53	0.24	0.10	0.03
Mississippi	10.5	0.18	0.29	-0.01	0.61	0.08	0.03	0.69	0.36	-0.02	0.09
Missouri	6.2	0.98	1.05	0.02	0.20	0.26	0.84	0.79	0.52	0.02	0.04
Montana	7.1	0.28	0.41	0.01	0.45	0.21	0.36	0.76	1.11	-0.01	0.02
Nebraska	2.0	0.38	0.96	0.02	0.52	0.28	-0.12	0.68	0.47	0.03	0.02
Nevada	13.1	3.74	2.45	0.02	2.56	0.12	0.33	0.41	0.49	0.03	0.01
New Hampshire	7.1	0.80	0.84	0.01	0.92	0.09	0.63	0.49	1.08	0.12	0.25
New Jersey	11.4	0.81	0.48	0.08	0.56	0.06	0.87	0.36	0.56	0.11	0.05
New Mexico	9.9	0.62	0.39	0.02	-0.72	0.29	0.31	0.31	0.31	0.18	0.05
New York	4.6	1.52	1.14	0.18	0.99	0.10	0.56	0.27	0.31	0.08	0.13
North Carolina	11.1	0.31	0.56	0.10	0.40	0.21	0.50	0.43	1.06	0.05	0.10
North Dakota	2.3	0.06	0.50	0.01	0.42	0.12	0.04	0.27	-0.24	0.05	0.00
Ohio	5.3	0.50	0.99	0.07	0.45	0.28	0.31	0.35	0.59	0.08	0.03
Oklahoma	7.3	-0.07	0.57	-0.01	-0.08	0.47	0.79	0.38	0.39	0.01	0.02
Oregon	3.6	0.92	0.76	0.05	0.66	0.21	0.41	0.33	0.54	0.12	0.05
Pennsylvania	6.8	0.73	0.73	0.06	0.55	0.20	0.60	0.32	0.50	0.06	0.43
Rhode Island	10.3	1.25	0.65	0.02	0.61	0.45	0.41	0.44	1.02	0.37	0.27
South Carolina	13.6	0.77	0.67	0.08	1.39	0.21	0.79	0.47	0.64	0.00	0.08
South Dakota	10.3	0.33	0.71	0.01	0.31	0.15	0.18	0.48	0.45	-0.01	0.09
Tennessee	17.5	4.12	1.30	0.79	1.79	0.23	0.36	0.43	0.54	0.05	0.04
Texas	5.6	0.61	0.44	0.17	0.89	0.13	0.72	0.64	0.91	0.04	0.04
Utah	5.9	0.60	0.55	0.12	1.24	0.17	0.53	0.55	1.11	0.04	0.06
Vermont	10.1	1.83	0.68	0.27	0.66	0.28	0.65	0.42	1.63	0.20	0.26
Virginia	6.0	0.55	0.39	0.13	0.24	0.20	0.65	0.35	0.61	0.07	0.02
Washington	3.2	0.25	0.26	0.01	0.05	0.05	0.14	0.13	0.07	0.04	0.01
West Virginia	7.0	0.51	0.43	0.01	0.08	0.04	0.28	0.24	0.39	-0.01	-0.06
Wisconsin	11.0	0.77	0.67	0.04	0.21	0.17	0.58	0.28	0.34	0.07	0.03
Wyoming	8.9	0.19	0.48	0.06	0.78	0.03	0.19	0.16	0.68	0.04	0.03

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 here: <https://apps.bea.gov/regional/xls/ListofARTSindustries.xlsx>

Table 4. Industry Contributions to Percent Change in Value Added of Arts and Cultural Production by State, 2022—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	0.07	0.79	0.03	0.16	0.82	0.29	0.47	-0.27	0.16	-0.01	0.51	0.16
Alabama	0.06	2.04	0.02	1.46	0.64	0.24	2.34	1.37	1.09	0.16	0.39	2.94
Alaska	0.04	1.70	0.04	0.17	0.51	0.02	1.16	-0.84	0.05	-1.42	-0.31	1.62
Arizona	0.13	1.21	-0.03	1.11	0.57	0.06	5.69	1.83	0.25	-0.68	1.08	-0.92
Arkansas	0.03	1.77	0.04	0.08	0.78	0.03	3.04	-0.43	0.46	-1.48	0.85	1.67
California	0.05	0.32	0.07	-1.19	1.08	0.46	0.18	1.14	0.07	0.15	0.13	-0.05
Colorado	0.08	1.54	0.03	0.74	0.78	0.05	1.30	-2.62	0.17	-0.76	0.63	-0.01
Connecticut	0.05	0.65	0.07	0.43	0.07	0.09	18.61	1.55	0.12	-1.25	0.24	-0.33
Delaware	0.17	2.07	-0.08	1.34	0.95	0.25	0.77	0.58	0.30	0.87	0.77	3.43
District of Columbia	0.02	0.34	0.01	-1.67	0.38	0.02	0.38	-0.15	0.00	-0.07	0.03	0.04
Florida	0.14	1.28	0.02	0.59	0.69	0.38	0.22	1.57	0.27	0.40	1.50	-0.33
Georgia	0.08	1.00	0.02	0.35	2.41	0.05	0.55	-0.91	0.13	0.10	0.26	1.29
Hawaii	0.09	0.26	0.06	-0.37	1.64	-0.08	0.65	0.04	0.23	-3.84	0.44	0.30
Idaho	0.13	3.06	0.05	1.80	0.75	0.17	2.28	0.47	0.30	-0.75	0.24	1.61
Illinois	0.13	1.11	0.02	1.96	0.59	-0.02	0.42	1.01	0.18	0.99	2.02	0.84
Indiana	0.07	1.62	0.03	-0.13	0.43	0.07	0.56	-1.91	0.52	-1.02	0.41	0.61
Iowa	-0.05	2.30	0.02	0.61	0.48	0.01	0.40	-1.66	0.23	-0.99	0.55	3.35
Kansas	0.07	1.86	0.00	2.79	0.51	0.09	0.35	-2.96	0.24	0.65	0.64	1.08
Kentucky	0.05	1.37	0.03	0.60	0.68	0.04	-1.13	-0.33	0.17	-0.49	0.62	1.66
Louisiana	0.40	0.68	0.01	0.53	4.74	0.10	0.26	1.10	0.64	0.27	1.12	2.64
Maine	0.08	1.57	0.05	0.90	0.86	-0.02	-1.53	-0.11	0.67	0.89	0.32	1.34
Maryland	0.13	1.61	0.07	-6.25	0.48	-0.08	0.43	0.67	0.07	1.69	1.59	1.30
Massachusetts	0.08	0.61	0.01	0.00	0.47	0.12	-0.04	5.00	0.23	-0.80	0.01	-2.43
Michigan	0.12	1.61	0.06	0.16	0.73	0.03	-0.14	6.10	0.24	-0.69	1.97	0.82
Minnesota	-0.02	1.31	0.02	0.68	0.40	0.05	0.60	1.61	0.27	-0.03	0.92	-0.52
Mississippi	0.10	2.61	-0.02	1.19	0.22	-0.28	-0.36	-0.24	0.33	0.76	-0.64	3.94
Missouri	0.05	0.73	0.02	1.25	0.49	0.05	-1.46	-0.62	0.24	-0.15	0.22	0.27
Montana	0.00	2.23	0.02	-2.10	1.70	0.14	-0.49	2.92	0.54	-2.64	0.32	0.54
Nebraska	0.02	1.27	0.00	0.69	0.37	-0.01	0.65	-7.16	0.16	1.23	0.17	1.05
Nevada	0.68	0.73	0.02	1.21	0.83	0.49	0.23	-1.37	0.35	0.33	0.84	-1.60
New Hampshire	-0.22	0.96	0.04	1.33	1.22	0.43	-1.53	0.57	-0.26	-0.39	0.75	-1.47
New Jersey	0.13	1.17	0.03	0.07	0.78	0.35	-0.06	2.24	0.14	0.25	1.93	0.09
New Mexico	0.12	2.45	0.03	0.57	1.53	0.03	-0.34	0.57	0.57	1.65	0.17	0.46
New York	0.02	0.28	0.01	1.09	0.84	0.56	0.43	-4.49	0.12	-0.37	0.19	0.48
North Carolina	0.09	1.67	0.06	0.03	0.29	0.04	0.65	1.55	0.17	-0.39	1.76	1.15
North Dakota	0.10	2.00	0.02	-1.97	0.52	0.03	1.18	0.18	0.23	-2.53	0.02	0.85
Ohio	0.02	1.08	0.02	0.37	0.24	0.02	0.45	-0.83	0.25	-0.40	0.24	-0.20
Oklahoma	0.13	1.50	0.02	-0.47	0.65	-0.03	-1.32	0.98	0.09	0.89	0.43	1.17
Oregon	0.03	1.82	0.02	-0.12	0.75	0.08	0.20	-2.74	0.23	-0.55	0.35	-0.81
Pennsylvania	-0.12	0.72	0.03	1.05	0.53	0.08	0.31	0.50	0.13	0.27	0.28	-1.71
Rhode Island	0.02	1.08	0.03	-0.33	0.00	0.06	-0.42	0.56	1.98	-0.80	1.19	0.69
South Carolina	0.12	1.93	0.02	-0.11	0.55	-0.08	-0.10	1.09	0.24	-2.15	3.27	2.15
South Dakota	0.01	2.85	0.07	0.40	0.97	0.11	1.15	-0.02	0.42	0.00	-0.07	1.58
Tennessee	0.08	0.85	0.02	1.75	1.13	2.95	0.30	-1.12	0.18	-0.12	0.73	0.78
Texas	0.25	0.99	0.03	1.86	0.81	-0.03	-0.01	-3.90	0.26	-0.14	0.72	-0.27
Utah	0.02	1.19	0.00	2.01	1.31	0.02	0.19	-5.55	0.34	0.70	0.46	0.00
Vermont	0.02	1.27	0.01	2.11	0.66	0.14	-0.56	0.33	0.58	-2.43	0.45	0.38
Virginia	0.05	1.39	0.03	0.88	0.39	0.08	-0.72	-1.33	0.14	0.76	0.52	0.23
Washington	0.04	0.54	0.01	-0.03	0.24	0.01	-0.06	0.44	0.03	0.02	0.13	0.70
West Virginia	0.09	1.85	0.11	0.34	0.60	0.06	-1.12	0.11	0.11	-0.42	0.33	2.46
Wisconsin	0.02	1.16	0.02	2.06	0.25	-0.04	0.33	1.25	0.40	3.43	-0.07	-1.32
Wyoming	-0.04	1.76	0.04	-0.16	0.19	-0.12	0.73	0.62	0.02	1.74	0.24	0.96

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

Line	ACPSA item description	2018	2019	2020	2021	2022
1	Total	5.4	3.4	-2.8	13.3	9.9
2	Core arts and cultural production	6.4	4.7	-3.5	13.0	11.4
3	Performing arts	4.3	5.2	-41.2	17.5	60.3
4	Music groups	4.3	5.2	-41.0	17.3	59.4
5	Dance	4.3	5.2	-41.0	17.3	59.4
6	Opera	4.3	5.2	-41.0	17.3	59.4
7	Symphonies	4.3	5.2	-41.0	17.3	59.4
8	Theater	4.3	5.2	-41.0	17.3	59.4
9	Other	4.3	4.9	-43.0	18.7	64.3
10	Independent artists, writers, and performers	9.3	5.7	-31.5	40.4	21.5
11	Museums	2.9	5.0	-9.6	5.2	4.1
12	Art	2.7	5.1	-12.1	5.6	3.6
13	Botanical and zoological	2.7	5.1	-12.1	5.6	3.6
14	Children's	2.7	5.1	-12.1	5.6	3.6
15	Historical sites	2.7	5.1	-12.1	5.6	3.6
16	History	2.7	5.1	-12.1	5.6	3.6
17	Natural	2.7	5.1	-12.1	5.6	3.6
18	Nature parks	3.3	4.3	0.9	4.4	5.3
19	Science	2.7	5.1	-12.1	5.6	3.6
20	Other	2.7	5.1	-12.1	5.6	3.6
21	Design services	8.1	5.5	2.1	16.2	8.6
22	Advertising	9.0	5.3	3.7	17.1	7.2
23	Architectural services, historic restoration	6.5	6.4	-2.2	10.2	15.4
24	Landscape architectural services	8.7	6.8	2.9	10.3	10.8
25	All other architectural services	6.5	6.4	-2.2	10.2	15.4
26	Interior design services	8.6	5.6	3.6	20.8	12.6
27	Industrial design services	2.0	9.5	11.3	13.0	12.3
28	Graphic design services	-1.2	7.1	-1.8	15.6	12.4
29	Fashion design services	1.1	6.4	-12.3	23.3	12.8
30	Computer systems design	1.8	3.4	-5.7	-13.3	78.4
31	Photography and photofinishing services	4.8	3.7	-19.7	12.4	-0.1
32	All other design services	1.1	6.4	-12.3	23.3	12.8
33	Fine arts education	10.7	7.8	-18.5	13.9	12.9
34	Education services	2.9	3.5	3.2	4.7	7.7
35	Entertainment originals	4.0	1.7	-3.4	0.1	12.8
36	Supporting arts and cultural production	4.5	2.1	-2.1	13.6	8.4
37	Art support services	5.4	5.1	-17.6	17.8	22.3
38	Rental and leasing	5.0	1.8	-11.7	9.1	16.2
39	Agents/managers for artists	7.1	5.4	-30.1	41.7	39.3
40	Promoters of performing arts and similar events	7.4	7.2	-36.5	37.3	44.1
41	Grantmaking and giving services	-0.1	11.3	-16.3	27.9	5.4
42	Unions	-0.5	6.5	8.6	-1.6	-2.7
43	Government	3.5	4.0	4.1	4.4	5.2
44	Other support services	11.8	6.6	-48.8	37.5	41.6
45	Books publishing	-3.9	-3.2	-9.0	11.4	5.9
46	Education (K-12)	-5.0	-3.1	-5.9	8.7	1.8
47	Higher education	-2.7	-3.2	-9.3	12.6	1.6
48	General reference	-6.2	-2.5	-10.8	15.2	49.6
49	Professional, technical, and scholarly	-7.1	-5.0	-9.6	6.1	1.9
50	Adult trade	-2.5	-2.8	-10.2	13.8	4.2
51	Children	-2.8	-2.6	-7.4	11.5	0.9
52	Other publishing	4.8	5.2	5.0	13.6	12.4
53	Cards, calendars, and other	2.5	0.3	4.2	11.8	5.8
54	Newspapers and periodicals	-2.3	-2.8	-6.9	3.4	2.4
55	Software	7.3	8.2	8.1	16.2	15.2
56	Information services	5.8	1.8	-1.9	13.9	6.0
57	Broadcasting	-0.1	-3.5	0.2	5.7	-1.5
58	Sound recording	6.0	11.2	5.3	16.0	18.9
59	Motion pictures	6.3	-2.6	-69.7	65.6	23.6
60	Audio/visual production	9.0	1.7	-3.7	15.7	16.3
61	Other information services	14.9	12.0	10.4	21.9	3.8
62	Manufactured goods	2.0	-0.7	-1.2	14.5	5.8
63	Jewelry and silverware	2.5	-0.6	6.5	22.2	1.2
64	Printed goods	-5.3	-4.0	-12.4	6.1	10.2
65	Musical instruments	1.1	0.6	-3.7	15.0	5.3
66	Custom architectural woodwork and metalwork	-4.4	-3.8	-1.0	2.6	10.7
67	Camera And Motion Picture Equipment	26.4	-7.0	-10.3	22.8	2.3
68	Other goods	5.5	1.5	-3.3	13.2	10.1
69	Construction	6.0	1.0	-6.7	-2.2	-3.4

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

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

[Millions of chained (2017) dollars]

Line	ACPSA item description	2017	2018	2019	2020	2021	2022
1	Total	1,418,461	1,495,623	1,546,326	1,502,663	1,702,727	1,870,785
2	Core arts and cultural production	697,006	741,759	776,536	749,107	846,316	942,545
3	Performing arts	41,650	43,431	45,689	26,880	31,590	50,623
4	Music groups	7,815	8,148	8,568	5,054	5,930	9,453
5	Dance	2,696	2,811	2,956	1,743	2,046	3,261
6	Opera	3,220	3,357	3,530	2,082	2,443	3,894
7	Symphonies	7,121	7,425	7,808	4,606	5,404	8,614
8	Theater	17,133	17,863	18,785	11,080	13,001	20,724
9	Other	3,665	3,821	4,010	2,286	2,713	4,456
10	Independent artists, writers, and performers	38,740	42,343	44,764	30,678	43,078	52,358
11	Museums	25,374	26,097	27,396	24,774	26,074	27,140
12	Art	2,872	2,948	3,097	2,722	2,875	2,978
13	Botanical and zoological	4,747	4,873	5,120	4,500	4,752	4,923
14	Children's	1,005	1,032	1,084	953	1,006	1,042
15	Historical sites	1,185	1,217	1,278	1,123	1,186	1,229
16	History	574	590	619	544	575	596
17	Natural	4,595	4,717	4,955	4,355	4,599	4,765
18	Nature parks	5,083	5,251	5,479	5,526	5,771	6,079
19	Science	4,595	4,717	4,955	4,355	4,599	4,765
20	Other	718	737	774	681	719	744
21	Design services	385,670	416,924	439,662	448,874	521,485	566,086
22	Advertising	287,699	313,484	330,064	342,204	400,884	429,710
23	Architectural services, historic restoration	2,250	2,395	2,549	2,493	2,748	3,172
24	Landscape architectural services	13,489	14,660	15,659	16,108	17,773	19,694
25	All other architectural services	27,156	28,908	30,767	30,092	33,171	38,282
26	Interior design services	19,987	21,706	22,928	23,748	28,686	32,299
27	Industrial design services	2,701	2,755	3,017	3,359	3,795	4,263
28	Graphic design services	12,306	12,160	13,024	12,791	14,783	16,614
29	Fashion design services	1,356	1,371	1,458	1,279	1,577	1,779
30	Computer systems design	3,498	3,561	3,683	3,472	3,010	5,370
31	Photography and photofinishing services	14,968	15,684	16,269	13,067	14,687	14,667
32	All other design services	261	264	280	246	303	342
33	Fine arts education	6,481	7,172	7,731	6,299	7,174	8,098
34	Education services	113,267	116,552	120,578	124,488	130,345	140,343
35	Entertainment originals	85,825	89,265	90,763	87,657	87,779	99,006
36	Supporting arts and cultural production	721,454	753,911	769,685	753,419	855,851	927,420
37	Art support services	58,474	61,651	64,805	53,429	62,931	76,947
38	Rental and leasing	10,138	10,645	10,835	9,562	10,434	12,123
39	Agents/managers for artists	5,141	5,507	5,803	4,055	5,748	8,007
40	Promoters of performing arts and similar events	19,588	21,035	22,560	14,315	19,649	28,314
41	Grantmaking and giving services	1,325	1,324	1,473	1,232	1,576	1,661
42	Unions	690	686	731	794	781	760
43	Government	20,107	20,806	21,641	22,523	23,512	24,739
44	Other support services	1,484	1,659	1,768	905	1,244	1,762
45	Books publishing	24,872	23,907	23,146	21,072	23,482	24,874
46	Education (K-12)	2,394	2,276	2,204	2,075	2,255	2,297
47	Higher education	1,275	1,240	1,200	1,088	1,226	1,245
48	General reference	1,727	1,620	1,579	1,408	1,622	2,427
49	Professional, technical, and scholarly	3,931	3,653	3,471	3,139	3,330	3,393
50	Adult trade	8,974	8,749	8,504	7,636	8,689	9,052
51	Children	6,570	6,386	6,217	5,760	6,425	6,480
52	Other publishing	138,072	144,736	152,319	159,874	181,653	204,102
53	Cards, calendars, and other	15,017	15,393	15,437	16,080	17,982	19,033
54	Newspapers and periodicals	27,632	26,996	26,241	24,420	25,255	25,874
55	Software	95,422	102,388	110,821	119,827	139,209	160,381
56	Information services	340,971	360,623	367,067	359,927	409,810	434,585
57	Broadcasting	154,663	154,583	149,148	149,386	157,926	155,487
58	Sound recording	17,591	18,641	20,724	21,823	25,320	30,106
59	Motion pictures	18,500	19,657	19,139	5,791	9,590	11,856
60	Audio/visual production	82,460	89,900	91,442	88,036	101,829	118,386
61	Other information services	67,757	77,880	87,240	96,326	117,464	121,886
62	Manufactured goods	130,023	132,589	131,675	130,121	148,996	157,675
63	Jewelry and silverware	42,981	44,044	43,775	46,625	56,971	57,627
64	Printed goods	19,142	18,128	17,404	15,250	16,185	17,844
65	Musical instruments	5,159	5,215	5,244	5,048	5,803	6,111
66	Custom architectural woodwork and metalwork	13,209	12,624	12,150	12,024	12,340	13,658
67	Camera And Motion Picture Equipment	1,390	1,756	1,633	1,465	1,798	1,839
68	Other goods	48,142	50,801	51,584	49,885	56,457	62,162
69	Construction	29,043	30,785	31,102	29,033	28,399	27,446

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

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Table 7. Gross Output by Arts and Cultural Production Industry

[Millions of dollars]

Line	ACPSA industry description	2017	2018	2019	2020	2021	2022
1	Total	1,407,338	1,493,482	1,550,668	1,513,690	1,729,140	1,918,427
2	Core arts and cultural production	285,419	305,767	325,028	273,974	322,073	397,717
3	Performing arts	111,229	120,134	128,384	84,499	110,517	156,775
4	Performing arts companies	27,114	28,128	29,430	20,531	21,150	34,416
5	Promoters of performing arts and similar events	33,040	35,663	38,792	21,664	30,018	47,612
6	Agents/managers for artists	5,486	5,937	6,319	4,483	6,356	8,658
7	Independent artists, writers, and performers	45,589	50,407	53,843	37,821	52,993	66,089
8	Museums	19,210	19,894	21,117	18,506	19,891	21,025
9	Design services	140,753	150,706	159,639	156,348	176,098	202,280
10	Advertising	51,548	56,524	60,317	60,383	67,114	77,907
11	Architectural services	30,787	32,884	34,934	34,074	37,613	43,827
12	Landscape architectural services	5,694	6,055	6,240	6,392	6,756	7,878
13	Interior design services	18,273	19,985	21,053	21,866	26,646	30,146
14	Industrial design services	2,636	2,705	2,961	3,308	3,734	4,223
15	Graphic design services	12,310	12,228	13,079	12,826	14,833	16,789
16	Computer systems design	3,076	3,242	3,379	3,322	3,291	4,814
17	Photography and photofinishing services	14,779	15,410	15,898	12,628	14,196	14,520
18	All other design services	1,651	1,673	1,777	1,548	1,915	2,176
19	Fine arts education	6,524	7,312	7,934	6,513	7,501	8,519
20	Education services	7,702	7,721	7,954	8,109	8,067	9,118
21	Supporting arts and cultural production	1,083,532	1,147,682	1,184,435	1,200,120	1,362,630	1,470,623
22	Art support services	156,898	164,265	172,877	177,809	190,117	209,219
23	Rental and leasing	10,057	10,658	10,952	9,730	10,749	12,768
24	Grantmaking and giving services	1,389	1,412	1,584	1,346	1,741	1,873
25	Unions	1,186	1,201	1,269	1,303	1,336	1,354
26	Government	142,690	149,231	157,180	164,408	174,877	191,221
27	Other support services	1,576	1,763	1,892	1,021	1,413	2,003
28	Information services	719,695	766,637	792,414	802,644	918,115	985,169
29	Publishing	137,807	139,521	142,502	145,553	162,121	175,658
30	Motion pictures	130,430	140,278	142,094	122,237	138,678	162,732
31	Sound recording	18,238	19,861	21,816	22,878	26,107	30,980
32	Broadcasting	274,272	282,487	277,858	278,608	296,448	303,917
33	Other information services	158,946	184,489	208,143	233,368	294,760	311,881
34	Manufacturing	37,957	37,463	36,138	33,170	36,080	40,162
35	Jewelry and silverware manufacturing	7,445	7,223	7,022	6,134	7,361	8,182
36	Printed goods manufacturing	13,366	12,815	11,975	10,425	10,790	12,016
37	Musical instruments manufacturing	1,922	1,998	2,055	1,953	2,280	2,454
38	Custom architectural woodwork and metalwork manufacturing	9,158	9,057	8,629	8,135	8,605	10,020
39	Other goods manufacturing	6,066	6,369	6,456	6,524	7,044	7,490
40	Construction	26,702	28,970	29,929	28,446	28,435	28,622
41	NonACPSA-related production	38,387	40,034	41,204	39,597	44,436	50,087
42	Wholesale and transportation industries	76,210	80,203	81,795	80,581	95,581	107,215
43	Retail industries	66,071	70,144	71,283	77,471	94,303	100,236
44	All other industries¹	38,387	40,034	41,204	39,597	44,436	50,087

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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>.

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Table 8. Arts and Cultural Production Employment and Compensation by State, 2022

	2022						Percent change, 2021–2022					
	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	5,176,346	540,850,790	1,292,579	115,937,904	3,721,782	410,989,145	6.4	4.3	14.3	18.5	3.9	0.8
Alabama	49,359	3,265,947	8,651	517,582	38,545	2,592,531	11.1	14.6	10.7	13.6	11.5	15.2
Alaska	12,088	1,075,865	1,651	92,762	10,125	957,135	3.2	4.0	15.9	20.0	1.3	2.5
Arizona	84,479	7,104,957	22,242	1,476,789	58,865	5,358,238	-0.9	11.0	18.0	23.7	-6.9	7.9
Arkansas	33,243	1,885,846	6,699	429,574	25,162	1,361,359	6.9	9.1	13.3	23.0	5.3	5.3
California	847,688	141,339,950	199,649	27,047,588	629,104	112,451,133	12.6	0.3	14.7	16.3	12.1	-3.0
Colorado	104,163	10,101,498	(D)	(D)	72,232	7,514,467	0.3	5.0	15.3	22.0	-4.9	0.5
Connecticut	54,741	5,997,905	(D)	(D)	37,383	4,543,446	2.9	4.6	(D)	(D)	-0.5	1.9
Delaware	8,971	640,637	2,517	146,042	5,940	449,778	12.7	15.8	11.8	18.8	13.7	15.4
District of Columbia	56,778	9,475,352	14,803	2,222,818	41,399	7,174,816	1.6	1.2	12.3	12.5	-1.9	-1.9
Florida	268,712	22,497,077	74,058	5,502,685	184,234	16,169,126	6.3	11.6	14.7	25.0	3.1	7.6
Georgia	159,249	15,225,574	34,113	3,044,907	119,966	11,758,691	4.3	7.8	11.3	16.9	2.3	5.4
Hawaii	21,151	1,719,762	6,676	443,346	13,845	1,229,757	4.2	2.9	23.9	23.2	-3.4	-3.2
Idaho	21,967	1,549,003	4,462	252,601	16,632	1,236,234	3.8	15.3	10.9	20.8	2.0	14.4
Illinois	216,227	20,046,569	(D)	(D)	152,084	14,582,515	8.4	9.7	7.8	10.0	8.7	9.6
Indiana	82,813	5,225,876	(D)	(D)	62,973	4,023,147	1.3	3.7	11.7	19.4	-1.3	0.3
Iowa	41,810	2,676,969	9,167	464,386	30,987	2,090,797	6.0	6.1	12.0	15.2	4.4	4.1
Kansas	41,643	2,792,925	7,584	428,953	32,560	2,255,003	4.3	7.7	9.0	13.8	3.2	6.5
Kentucky	50,526	3,188,294	9,191	533,272	39,183	2,499,991	6.4	8.0	12	18	5.3	6.1
Louisiana	55,212	3,547,025	(D)	(D)	42,254	2,763,873	14.5	15.9	(D)	(D)	14.2	15.9
Maine	18,749	1,212,838	4,611	286,993	13,464	875,713	10.9	14.4	15.9	20.8	9.7	12.7
Maryland	80,202	7,292,174	(D)	(D)	59,410	5,717,759	8.7	4.4	11.2	15.5	8.1	2.0
Massachusetts	133,773	15,639,638	43,711	3,762,083	86,200	11,448,158	2.1	3.0	10.8	15.2	-2.0	-0.7
Michigan	120,714	10,355,347	32,337	3,051,177	83,503	6,910,702	8.7	17.2	13.2	25.3	7.2	14.5
Minnesota	90,085	7,521,930	25,345	1,738,987	61,587	5,503,320	5.0	7.3	16.2	15.8	1.0	4.9
Mississippi	27,038	1,469,236	3,158	169,777	22,663	1,226,840	14.1	11.7	8.7	16.6	15.4	11.1
Missouri	94,009	6,336,123	(D)	(D)	66,123	4,528,468	4.9	6.8	14.6	17.9	1.6	3.3
Montana	16,540	1,229,443	3,758	241,713	12,265	952,929	1.4	7.8	11.7	17.6	-1.6	5.4
Nebraska	31,228	2,106,031	7,812	431,894	22,374	1,598,707	0.2	1.5	9.7	16.2	-3.0	-2.2
Nevada	43,254	3,947,626	12,088	1,071,348	29,496	2,751,194	4.8	8.1	33.1	49.1	-3.9	-2.6
New Hampshire	21,021	1,850,991	5,343	349,797	14,936	1,433,183	-1.7	6.1	15.3	28.4	-6.9	1.8
New Jersey	138,683	14,459,810	33,626	2,595,436	100,457	11,410,750	7.7	8.4	14.9	20.1	5.5	6.0
New Mexico	26,215	1,881,109	4,537	260,436	20,837	1,564,082	7.4	10.3	14.0	13.0	6.1	9.8
New York	461,425	62,334,607	(D)	(D)	291,555	42,481,235	8.3	1.0	17.6	20.2	3.8	-5.8
North Carolina	134,245	11,332,570	31,951	2,321,980	97,211	8,612,559	4.1	9.8	14.8	17.3	0.9	7.8
North Dakota	12,955	884,739	2,246	108,227	10,276	742,981	-2.2	1.3	9.1	10.0	-4.6	-0.2
Ohio	157,721	11,299,255	(D)	(D)	111,012	8,002,365	0.9	4.2	12	17	-2.8	0.1
Oklahoma	42,292	2,665,965	8,571	494,923	32,035	2,055,743	6.5	8.4	16.9	11.4	4.0	7.5
Oregon	61,593	5,342,756	(D)	(D)	42,705	3,932,004	-2.8	1.5	15	16	-8.7	-2.5
Pennsylvania	175,872	15,040,788	(D)	(D)	118,010	10,951,730	7.7	6.8	(D)	(D)	4.1	3.1
Rhode Island	18,481	1,281,415	4,831	304,775	13,130	935,331	8.7	8.6	16.8	23.2	6.1	4.6
South Carolina	60,500	4,318,338	13,042	820,765	45,096	3,334,092	8.6	11.6	16	22	6.7	9.2
South Dakota	14,640	902,902	2,715	127,748	11,451	742,043	4.5	8.9	6.7	16.5	4.0	7.7
Tennessee	95,856	8,023,010	(D)	(D)	67,111	5,430,784	6.8	13.8	(D)	(D)	3.8	7.5
Texas	383,066	30,184,223	86,727	6,829,440	281,988	22,102,528	4.4	4.1	13.6	20.3	1.6	-0.5
Utah	67,768	4,648,854	17,071	906,126	49,048	3,619,507	3.5	3.4	(D)	(D)	0.8	-0.9
Vermont	10,574	708,561	3,161	192,602	7,106	493,000	4.8	6.5	13.8	19.1	1.2	2.2
Virginia	119,011	10,027,202	(D)	(D)	88,164	7,557,737	6.5	6.1	(D)	(D)	4.7	3.5
Washington	191,245	28,700,429	27,518	2,146,286	160,083	26,203,351	3.4	0.7	(D)	(D)	1.1	-0.7
West Virginia	15,725	957,963	1,931	86,604	13,088	823,687	8.8	7.8	14.4	19.3	8.3	6.6
Wisconsin	89,169	6,636,030	(D)	(D)	65,954	5,249,374	2.3	9.5	13.3	15.4	-0.8	8.2
Wyoming	11,876	901,855	1,645	98,068	9,971	785,251	-0.2	3.7	2.9	16.0	-0.9	2.2

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Table 9. Industry Contributions to Percent Change in Arts and Cultural Production Employment by State, 2022—Continues

	Percentage points										
	Percent change in total arts and cultural production industries ¹	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	6.4	0.75	0.73	0.04	0.18	0.39	0.37	0.18	0.44	0.24	0.02
Alabama	11.1	0.39	0.13	0.00	0.09	0.58	0.22	0.07	0.37	0.11	-0.07
Alaska	3.2	0.51	0.39	-0.01	0.08	0.81	0.08	0.04	(D)	(D)	-0.01
Arizona	-0.9	0.73	0.87	-0.01	0.12	0.42	0.71	0.16	0.88	0.18	-0.08
Arkansas	6.9	0.39	0.68	0.01	0.07	0.26	0.40	0.18	0.47	0.07	0.01
California	12.6	0.71	0.76	0.13	0.38	0.32	0.33	0.13	0.38	0.40	-0.12
Colorado	0.3	0.57	0.78	0.02	0.36	0.53	0.29	0.28	0.72	0.20	-0.04
Connecticut	2.9	(D)	0.82	0.01	0.10	0.53	0.16	0.03	0.43	0.27	0.04
Delaware	12.7	0.89	0.89	0.02	0.12	0.61	0.04	0.16	0.36	0.36	-0.14
District of Columbia	1.6	0.69	1.31	0.02	0.06	0.14	0.69	0.24	(D)	-0.11	-0.31
Florida	6.3	0.53	0.69	0.04	0.18	0.42	0.45	0.29	0.83	0.15	0.18
Georgia	4.3	0.36	0.40	0.01	0.09	0.15	0.71	0.24	0.29	0.06	-0.02
Hawaii	4.2	1.59	0.38	(D)	0.34	2.84	0.04	0.04	0.79	0.41	-0.08
Idaho	3.8	0.37	0.35	0.00	-0.02	(D)	0.14	0.40	(D)	0.27	-0.19
Illinois	8.4	0.81	0.54	0.02	0.19	0.36	0.40	0.19	-0.57	0.12	0.04
Indiana	1.3	0.36	0.62	0.01	0.06	0.27	0.02	0.10	0.46	0.12	0.08
Iowa	6.0	(D)	0.76	0.04	0.16	0.22	(D)	0.14	0.37	0.27	-0.06
Kansas	4.3	0.59	0.32	0.00	0.09	0.19	0.21	0.03	0.14	0.03	-0.04
Kentucky	6.4	0.43	-0.01	0.01	0.13	0.68	0.30	0.13	0.17	0.15	0.04
Louisiana	14.5	0.54	1.21	0.01	0.08	(D)	0.29	0.16	(D)	0.09	-0.07
Maine	10.9	0.70	1.45	(D)	(D)	0.54	0.03	0.16	0.43	0.19	0.15
Maryland	8.7	0.91	0.35	-0.02	0.32	0.21	0.38	0.04	0.49	0.01	-0.21
Massachusetts	2.1	0.68	0.96	0.03	0.05	0.46	0.21	0.29	0.45	0.28	-0.16
Michigan	8.7	0.52	0.88	0.03	0.09	0.55	0.42	0.15	0.51	0.27	0.00
Minnesota	5.0	1.17	1.34	0.06	0.19	0.46	0.23	0.19	0.29	0.26	-0.08
Mississippi	14.1	0.13	0.23	-0.02	0.00	0.20	0.10	0.12	(D)	-0.05	0.06
Missouri	4.9	0.68	0.97	0.01	0.11	0.58	0.48	0.24	0.34	0.16	-0.05
Montana	1.4	0.53	0.34	0.00	0.16	0.34	0.29	0.23	0.43	0.09	-0.01
Nebraska	0.2	0.14	0.68	0.01	0.17	(D)	(D)	0.19	0.29	0.25	-0.04
Nevada	4.8	3.49	1.16	0.04	0.54	0.37	0.42	0.21	0.90	0.18	-0.04
New Hampshire	-1.7	0.63	0.60	0.01	0.11	0.33	0.36	0.16	0.69	0.24	0.19
New Jersey	7.7	0.67	0.52	0.04	0.18	0.18	0.64	0.15	0.55	0.44	0.02
New Mexico	7.4	0.45	0.25	0.01	0.12	0.58	0.18	0.10	0.38	0.17	0.04
New York	8.3	1.82	1.31	0.09	0.12	0.42	0.53	0.21	0.50	0.38	0.26
North Carolina	4.1	0.30	0.61	0.03	0.03	0.46	0.41	0.16	0.96	0.18	0.05
North Dakota	-2.2	0.06	0.39	0.00	0.22	0.17	0.08	0.06	0.03	0.46	-0.06
Ohio	0.9	0.44	0.81	0.01	0.13	0.66	0.09	0.15	0.31	0.18	-0.07
Oklahoma	6.5	(D)	0.93	0.01	0.10	0.44	(D)	0.16	0.45	0.16	-0.05
Oregon	-2.8	0.93	0.86	0.02	0.15	0.39	0.22	0.15	0.21	0.43	0.04
Pennsylvania	7.7	0.62	1.05	0.02	0.23	0.55	0.49	0.14	(D)	0.28	0.72
Rhode Island	8.7	1.49	0.52	0.01	0.16	0.55	0.19	0.24	(D)	0.15	-0.04
South Carolina	8.6	0.52	0.73	0.05	0.16	0.47	0.41	0.21	0.58	0.02	0.08
South Dakota	4.5	(D)	0.58	0.01	-0.22	0.17	0.06	0.14	0.26	0.09	0.07
Tennessee	6.8	(D)	0.76	0.14	0.24	0.56	0.25	0.16	(D)	0.18	-0.08
Texas	4.4	0.61	0.15	0.03	0.16	0.28	0.47	0.28	0.69	0.17	-0.02
Utah	3.5	0.44	0.36	0.00	0.13	(D)	0.26	0.20	(D)	0.19	0.00
Vermont	4.8	0.64	0.70	0.01	0.32	0.37	0.13	0.06	0.52	0.70	0.35
Virginia	6.5	0.49	0.45	0.02	0.20	0.33	0.44	0.09	(D)	0.24	-0.07
Washington	3.4	(D)	0.63	-0.01	0.04	0.17	0.20	0.09	0.13	0.26	0.03
West Virginia	8.8	0.60	0.53	0.00	0.07	0.02	0.10	0.07	0.36	0.09	-0.16
Wisconsin	2.3	0.74	0.96	0.01	0.05	0.31	0.25	0.12	0.20	0.10	-0.06
Wyoming	-0.2	-0.19	0.34	(D)	0.02	-0.03	0.08	-0.03	0.04	0.14	0.01

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Table 9. Industry Contributions to Percent Change in Arts and Cultural Production Employment by State, 2022—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	0.06	0.57	0.02	-1.13	1.47	0.04	0.04	1.59	0.12	0.12	0.16	-0.21
Alabama	0.06	0.36	0.01	-0.60	0.80	0.02	0.05	0.98	0.23	0.20	-0.10	6.96
Alaska	0.04	0.27	-0.01	-0.25	0.84	0.00	0.07	-0.09	0.05	-0.88	-0.46	1.50
Arizona	0.07	0.44	-0.02	-0.65	1.29	0.00	0.04	0.60	0.15	-1.53	0.09	-5.61
Arkansas	0.03	1.07	0.00	-0.62	1.00	0.00	0.03	(D)	(D)	-1.55	0.74	3.16
California	0.08	(D)	0.04	-1.58	3.99	0.12	0.03	5.27	0.10	0.54	-0.16	(D)
Colorado	0.04	0.72	0.01	-2.00	1.19	0.02	0.06	-0.65	0.13	-1.04	0.14	-2.23
Connecticut	0.03	0.93	0.02	-1.05	0.07	0.02	0.05	1.30	0.12	-1.34	0.28	(D)
Delaware	0.14	-0.06	-0.12	-0.32	1.47	0.02	0.05	(D)	0.45	1.21	0.63	(D)
District of Columbia	0.06	-1.43	-0.12	(D)	0.49	0.00	0.03	0.08	-0.01	0.12	0.10	-0.12
Florida	0.08	(D)	0.08	(D)	1.01	0.09	0.05	1.67	0.22	0.93	0.25	-1.73
Georgia	0.06	0.46	0.02	-1.66	-0.25	0.01	0.06	0.84	(D)	0.18	0.08	(D)
Hawaii	0.13	0.45	0.02	-0.40	1.77	-0.01	0.04	0.51	0.36	-4.55	(D)	-1.23
Idaho	0.08	0.93	0.05	-0.34	1.20	0.01	0.03	1.18	0.22	-1.27	-0.40	-0.17
Illinois	0.06	0.90	-0.02	-0.35	1.44	0.00	0.03	1.51	0.05	1.93	0.21	0.33
Indiana	0.03	0.41	0.01	-0.96	0.90	0.00	0.03	-0.40	0.09	-0.84	0.29	-0.61
Iowa	-0.05	0.86	0.00	-1.47	1.19	(D)	0.04	-0.85	(D)	-0.90	0.12	4.38
Kansas	(D)	0.36	-0.01	-0.45	1.00	0.01	(D)	-0.58	0.03	1.07	0.15	0.98
Kentucky	0.02	0.92	0.01	-0.64	0.93	(D)	0.05	-0.05	(D)	-0.79	-0.05	3.60
Louisiana	0.20	-0.05	0.00	-0.46	3.24	0.01	0.04	1.07	0.61	0.21	0.63	5.35
Maine	0.05	1.22	0.02	-0.89	0.95	0.00	0.04	(D)	0.32	2.17	(D)	-0.32
Maryland	0.08	0.35	0.04	-1.26	1.07	0.00	0.04	1.76	(D)	2.03	(D)	1.08
Massachusetts	0.04	(D)	0.00	-3.58	(D)	0.01	0.03	4.32	0.04	-1.01	0.09	-3.01
Michigan	0.05	0.88	0.01	-1.21	1.25	0.01	0.03	4.08	0.09	-0.92	0.53	0.26
Minnesota	(D)	0.94	-0.01	-2.01	0.76	(D)	(D)	1.32	-0.01	0.08	0.52	-0.95
Mississippi	0.03	0.51	-0.01	(D)	0.36	-0.03	0.06	0.05	0.12	0.88	-0.02	10.87
Missouri	0.04	0.60	0.00	-0.34	0.75	0.01	0.05	0.13	0.12	0.37	0.07	-0.61
Montana	0.01	-0.01	0.00	-1.11	1.22	0.02	0.04	1.06	0.43	-3.06	0.21	-0.04
Nebraska	0.00	-0.43	0.02	-2.40	0.80	0.00	0.04	(D)	0.07	2.04	0.03	0.03
Nevada	(D)	-0.05	(D)	0.16	2.29	0.21	0.03	0.52	0.53	0.64	0.48	-8.38
New Hampshire	0.05	0.56	0.03	-2.63	1.20	-0.01	0.04	0.22	-0.10	-0.03	0.40	-4.96
New Jersey	0.10	0.70	0.01	-1.21	0.89	0.07	0.04	2.40	0.08	0.54	0.79	-0.35
New Mexico	0.06	1.01	0.02	-0.42	1.22	(D)	0.04	0.66	0.28	1.97	(D)	-0.11
New York	0.03	0.02	0.00	-0.54	1.13	0.02	0.04	1.75	0.12	-0.80	0.17	0.58
North Carolina	0.04	0.42	0.02	-2.04	0.82	0.01	0.05	(D)	(D)	-0.62	0.69	1.00
North Dakota	0.04	0.43	0.00	(D)	(D)	0.01	(D)	0.17	(D)	-2.15	(D)	-0.19
Ohio	0.01	1.04	0.00	-1.13	0.67	0.00	0.03	-0.36	0.09	-0.58	-0.10	-1.73
Oklahoma	0.05	1.29	0.01	-0.78	1.15	-0.03	(D)	1.02	(D)	0.78	0.00	-0.35
Oregon	0.02	1.53	0.00	-2.73	(D)	0.02	(D)	-0.62	0.13	-0.53	0.17	-5.32
Pennsylvania	0.02	(D)	0.00	-1.18	0.78	0.02	0.04	3.49	0.08	0.81	0.15	(D)
Rhode Island	0.00	1.54	0.03	-0.78	0.30	0.00	0.03	3.21	0.61	-1.76	(D)	0.66
South Carolina	0.05	1.26	0.05	-1.17	0.62	0.01	0.05	1.10	0.20	-2.88	1.09	4.73
South Dakota	0.01	0.84	0.02	(D)	0.86	0.20	0.06	0.31	0.17	0.02	(D)	1.73
Tennessee	0.06	0.35	0.02	-0.32	1.16	0.51	0.04	-0.48	0.23	-0.09	0.24	1.05
Texas	0.12	0.89	0.03	-0.29	1.29	0.00	0.05	-0.73	0.15	-0.22	0.16	-0.23
Utah	0.03	0.79	0.05	-1.31	3.00	0.01	0.02	-1.09	0.40	1.24	-0.03	-2.56
Vermont	0.00	0.51	(D)	-0.97	0.80	0.00	(D)	3.11	0.29	-3.03	(D)	0.21
Virginia	0.03	0.99	-0.03	-0.74	0.91	-0.01	0.05	1.61	0.02	1.17	0.04	-0.51
Washington	0.04	1.31	0.01	-1.21	0.65	0.02	0.03	-0.47	(D)	0.20	0.07	(D)
West Virginia	0.10	0.85	0.01	-0.84	0.89	(D)	(D)	(D)	-0.01	-0.49	(D)	5.90
Wisconsin	(D)	0.79	-0.01	-2.60	0.84	(D)	0.03	0.14	0.15	4.39	-0.15	-4.17
Wyoming	-0.05	-0.03	0.00	(D)	0.51	(D)	(D)	0.12	0.00	-1.37	-0.11	0.65

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(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 here: <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	2022
1	Total industries' percent change	4.66	4.81	2.87	-3.14	11.67	6.57
2	Core arts and cultural production	1.40	1.28	1.13	-3.45	2.97	3.58
3	Performing arts	0.69	0.49	0.43	-2.97	1.61	2.39
4	Performing arts companies	0.23	0.03	0.07	-0.61	0.01	0.67
5	Promoters of performing arts and similar events	0.37	0.14	0.17	-1.15	0.54	0.96
6	Agents/managers for artists	-0.05	0.03	0.02	-0.13	0.14	0.15
7	Independent artists, writers, and performers	0.14	0.28	0.18	-1.08	0.93	0.61
8	Museums	0.42	0.04	0.06	-0.21	0.06	0.00
9	Design services	0.43	0.72	0.61	-0.16	1.27	1.10
10	Advertising	0.33	0.35	0.22	0.05	0.48	0.42
11	Architectural services	-0.06	0.15	0.15	-0.05	0.22	0.29
12	Landscape architectural services	0.03	0.03	0.02	0.01	0.02	0.05
13	Interior design services	0.16	0.12	0.08	0.05	0.30	0.16
14	Industrial design services	0.02	0.00	0.02	0.02	0.03	0.02
15	Graphic design services	-0.01	-0.01	0.06	-0.02	0.13	0.09
16	Computer systems design	-0.12	0.02	0.01	0.00	0.00	0.09
17	Photography and photofinishing services	0.07	0.06	0.05	-0.22	0.10	-0.03
18	All other design services	0.02	0.00	0.01	-0.01	0.02	0.01
19	Fine arts education	0.03	0.05	0.03	-0.10	0.06	0.05
20	Education services	-0.17	-0.01	0.00	0.00	-0.02	0.04
21	Supporting arts and cultural production	3.33	3.50	1.68	0.44	8.55	2.87
22	Art support services	0.04	0.11	0.36	0.05	0.33	0.45
23	Rental and leasing	0.07	0.03	0.00	-0.09	0.04	0.05
24	Grantmaking and giving services	-0.01	0.00	0.01	-0.02	0.02	0.00
25	Unions	-0.07	0.00	0.00	0.00	0.00	0.00
26	Government	-0.02	0.08	0.34	0.21	0.24	0.37
27	Other support services	0.06	0.01	0.01	-0.05	0.02	0.03
28	Information services	1.95	3.05	1.59	0.60	7.22	2.78
29	Publishing	0.95	0.23	0.17	0.18	1.17	0.85
30	Motion pictures	0.35	0.52	0.17	-1.23	1.01	0.99
31	Sound recording	0.14	0.15	0.18	0.10	0.23	0.27
32	Broadcasting	-0.70	0.21	-0.38	0.02	1.09	0.01
33	Other information services	1.22	1.94	1.45	1.53	3.72	0.66
34	Manufacturing	0.01	-0.09	-0.14	-0.22	0.05	-0.01
35	Jewelry and silverware manufacturing	0.00	-0.01	-0.03	-0.08	0.06	0.02
36	Printed goods manufacturing	-0.08	-0.05	-0.08	-0.11	0.00	-0.01
37	Musical instruments manufacturing	0.00	0.00	0.00	-0.01	0.02	0.00
38	Custom architectural woodwork and metalwork manufacturing	0.07	-0.04	-0.04	-0.04	-0.04	-0.02
39	Other goods manufacturing	0.03	0.01	0.00	0.00	0.01	0.00
40	Construction	0.21	0.08	-0.04	-0.15	-0.07	-0.22
41	NonACPSA-related production	-0.09	0.03	0.05	-0.12	0.13	0.11
42	Wholesale and transportation industries	1.02	0.10	-0.08	-0.03	0.51	0.02
43	Retail industries	0.10	0.24	-0.01	0.20	0.52	-0.14
44	All other industries¹	-0.09	0.03	0.05	-0.12	0.13	0.11

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>.

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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	2022
1	Total industries' percent change	3.71	2.43	3.81	-2.28	10.83	4.84
2	Core arts and cultural production	0.66	1.54	0.89	-2.60	2.19	3.63
3	Performing arts	-0.64	0.54	0.22	-2.39	0.76	2.46
4	Performing arts companies	0.14	0.02	-0.01	-0.46	-0.39	0.72
5	Promoters of performing arts and similar events	0.09	0.12	0.08	-0.82	0.17	0.83
6	Agents/managers for artists	-0.16	0.04	0.01	-0.09	0.10	0.22
7	Independent artists, writers, and performers	-0.71	0.37	0.15	-1.02	0.88	0.69
8	Museums	0.40	0.06	0.01	0.01	-0.15	0.08
9	Design services	1.12	0.90	0.59	-0.10	1.54	0.98
10	Advertising	0.80	0.32	0.08	0.17	0.60	0.26
11	Architectural services	0.30	0.20	0.22	-0.14	0.33	0.29
12	Landscape architectural services	0.09	0.02	0.02	-0.03	0.06	0.05
13	Interior design services	0.09	0.19	0.10	0.10	0.27	0.18
14	Industrial design services	0.06	0.01	0.03	0.03	0.04	0.02
15	Graphic design services	-0.08	0.02	0.05	-0.01	0.13	0.09
16	Computer systems design	-0.15	0.03	0.03	0.00	0.01	0.11
17	Photography and photofinishing services	0.01	0.12	0.06	-0.23	0.10	-0.03
18	All other design services	0.01	0.01	0.01	-0.03	0.04	0.02
19	Fine arts education	0.01	0.05	0.05	-0.13	0.06	0.07
20	Education services	-0.22	-0.01	0.01	0.02	-0.02	0.05
21	Supporting arts and cultural production	3.09	0.84	2.86	0.43	8.46	1.08
22	Art support services	0.18	0.03	0.19	-0.38	0.28	0.55
23	Rental and leasing	-0.01	0.01	0.00	-0.14	0.04	0.01
24	Grantmaking and giving services	-0.03	0.00	0.01	-0.01	0.01	0.01
25	Unions	-0.06	0.00	0.00	0.01	-0.01	0.00
26	Government	0.23	0.01	0.18	-0.19	0.22	0.51
27	Other support services	0.05	0.01	0.00	-0.04	0.02	0.02
28	Information services	1.73	0.48	2.73	0.90	7.91	1.48
29	Publishing	0.01	0.44	1.01	0.44	1.63	0.49
30	Motion pictures	0.81	-0.58	-0.50	-1.29	1.18	0.45
31	Sound recording	0.18	0.05	0.12	0.13	0.30	0.31
32	Broadcasting	-0.98	-0.04	-0.17	-0.23	1.00	0.46
33	Other information services	1.71	0.62	2.28	1.86	3.81	-0.23
34	Manufacturing	-0.03	0.00	-0.03	-0.20	0.10	-0.07
35	Jewelry and silverware manufacturing	-0.07	0.01	0.01	-0.06	0.03	0.03
36	Printed goods manufacturing	-0.05	0.00	-0.05	-0.12	0.03	-0.04
37	Musical instruments manufacturing	0.01	0.00	0.00	0.00	0.01	0.00
38	Custom architectural woodwork and metalwork manufacturing	0.07	-0.01	-0.03	-0.04	-0.02	-0.06
39	Other goods manufacturing	0.00	0.01	0.04	0.01	0.05	0.00
40	Construction	0.16	0.10	-0.06	-0.27	-0.01	-0.23
41	NonACPSA-related production	-0.05	0.04	0.06	-0.08	0.14	0.11
42	Wholesale and transportation industries	0.71	-0.02	-0.05	0.23	0.06	-0.21
43	Retail industries	0.33	0.24	0.08	0.14	0.12	-0.43
44	All other industries¹	-0.05	0.04	0.06	-0.08	0.14	0.11

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

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