

News Release

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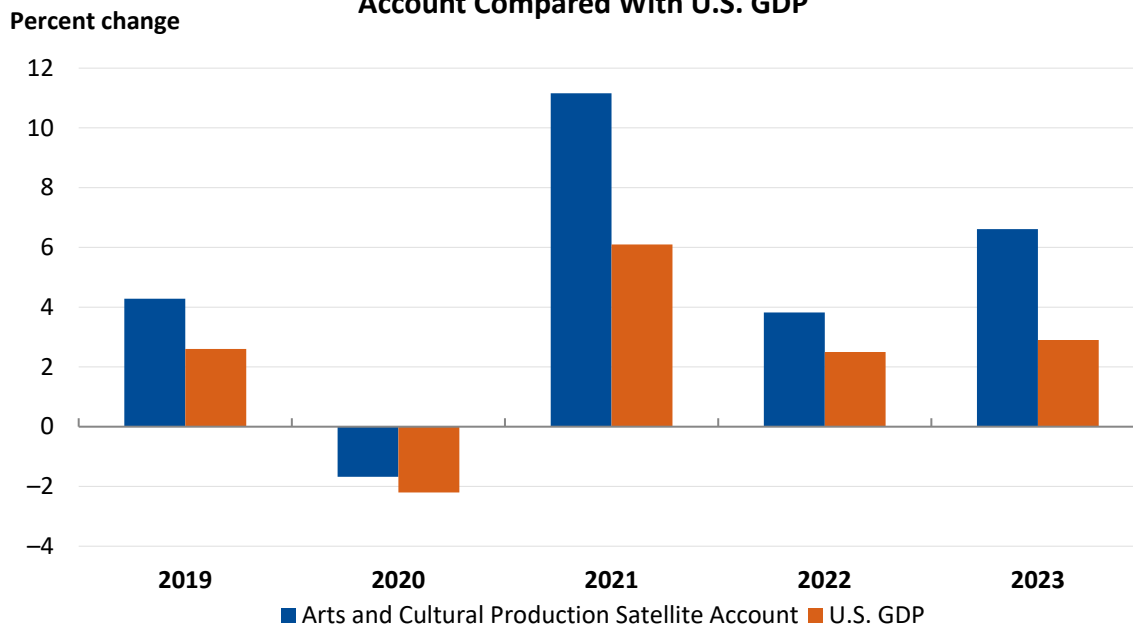
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Arts and Cultural Production Satellite Account, U.S. and States, 2023

New Statistics for 2023; 1998–2022 Updated

The Arts and Cultural Production Satellite Account released today by the U.S. Bureau of Economic Analysis shows that arts and cultural economic activity, adjusted for inflation, increased 6.6 percent in 2023 after increasing 3.8 percent in 2022 (chart 1 and table 1). By comparison, the broader economy, as measured by real gross domestic product (GDP), increased 2.9 percent in 2023 after increasing 2.5 percent in 2022 (chart 1). Arts and cultural economic activity accounted for 4.2 percent of GDP, or \$1.17 trillion, in 2023 (tables 2 and 3).

Chart 1. Real Value Added for Arts and Cultural Production Satellite Account Compared With U.S. GDP

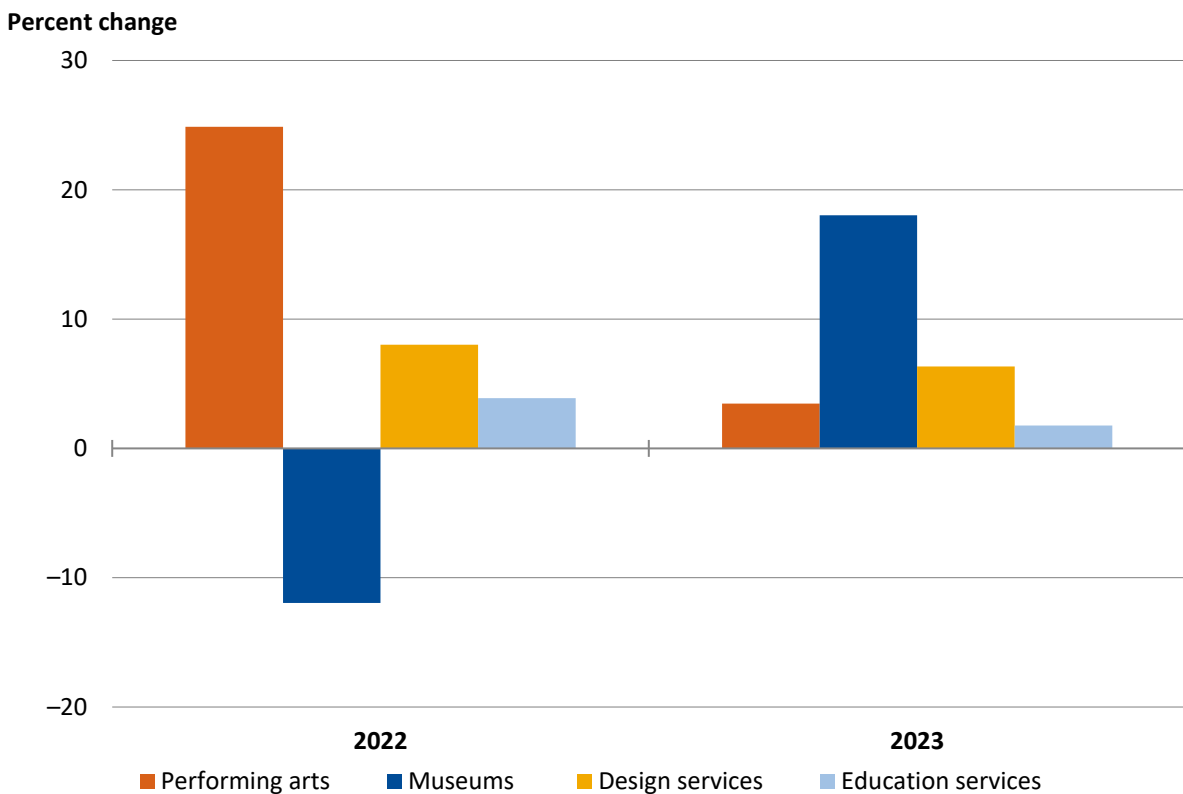


U.S. Bureau of Economic Analysis

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 5.5 percent in 2023. Supporting arts and cultural production industries, which include art support services and information services, increased 7.1 percent in 2023 (chart 2 and table 1).

- Performing arts increased 3.5 percent in 2023 after increasing 24.9 percent in 2022. One of the leading contributors to the increase was performing arts companies, which increased 31.6 percent in 2023 after increasing 42.0 percent in 2022.
- Museums increased 18.0 percent after decreasing 12.0 percent.
- Design services increased 6.3 percent after increasing 8.0 percent.
- Education services increased 1.8 percent after increasing 3.9 percent.

Chart 2. Real Value Added for Core Arts and Cultural Production Industries



U.S. Bureau of Economic Analysis

Nominal value added

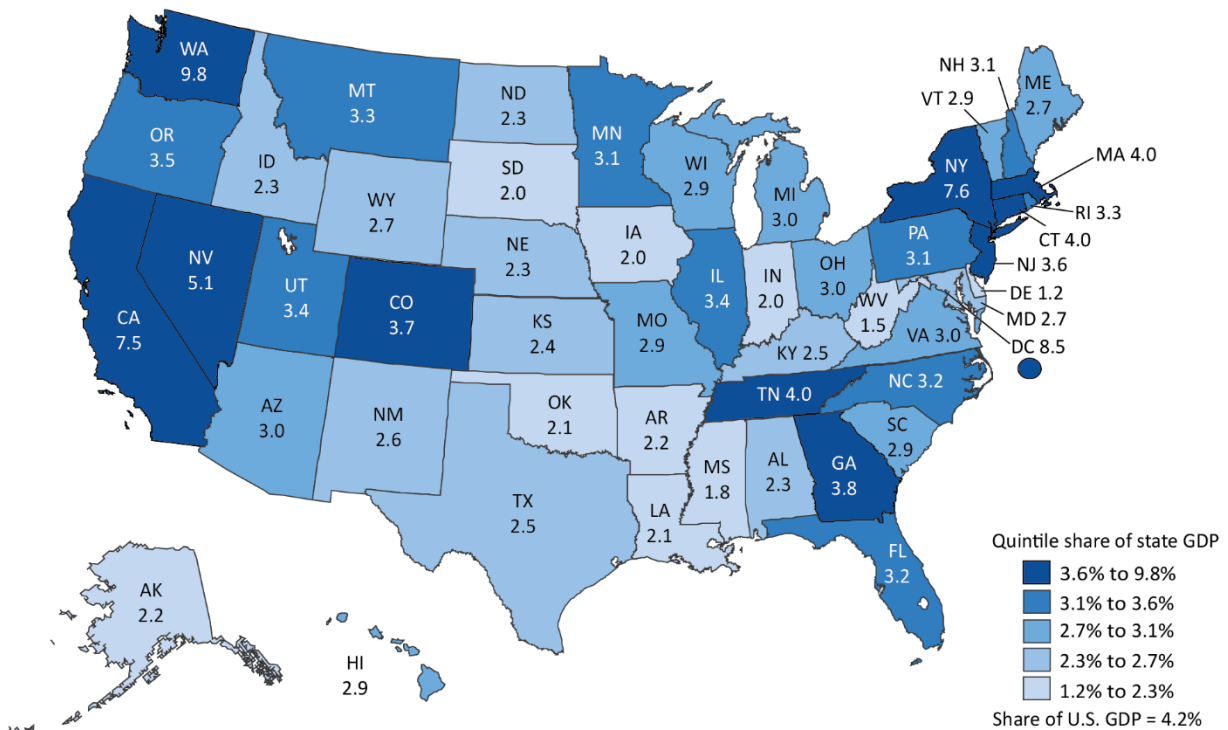
Nominal value added (not adjusted for inflation) increased 7.6 percent nationally in 2023 (table 2). The leading contributor to the increase was supporting arts and cultural production industries (table 4). Supporting arts and cultural production industries increased 6.8 percent to a level of \$873.8 billion; the leading contributor to the increase was information services. Core arts and cultural production industries increased 10.6 percent in 2023 to a level of \$265.8 billion; the leading contributors to the increase were performing arts and design services.

In 2023, nominal value added in arts and cultural production industries increased in 47 states and the District of Columbia. The percent change across all states ranged from 14.7 percent in Nevada to -3.4 percent in Louisiana (table 2).

In Nevada—the state with the largest increase in value added—promoters of performing arts and similar events, publishing, and performing arts companies were the leading contributors to the increase in value added. In Louisiana—the state with the largest decrease in value added—motion pictures was the leading contributor to the decline (table 4).

For all states and the District of Columbia, the arts and cultural share of total GDP ranged from 9.8 percent in Washington state to 1.2 percent in Delaware. The share for most states ranged between 2 and 5 percent. Washington state, the District of Columbia, New York, California, and Nevada 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, 2023



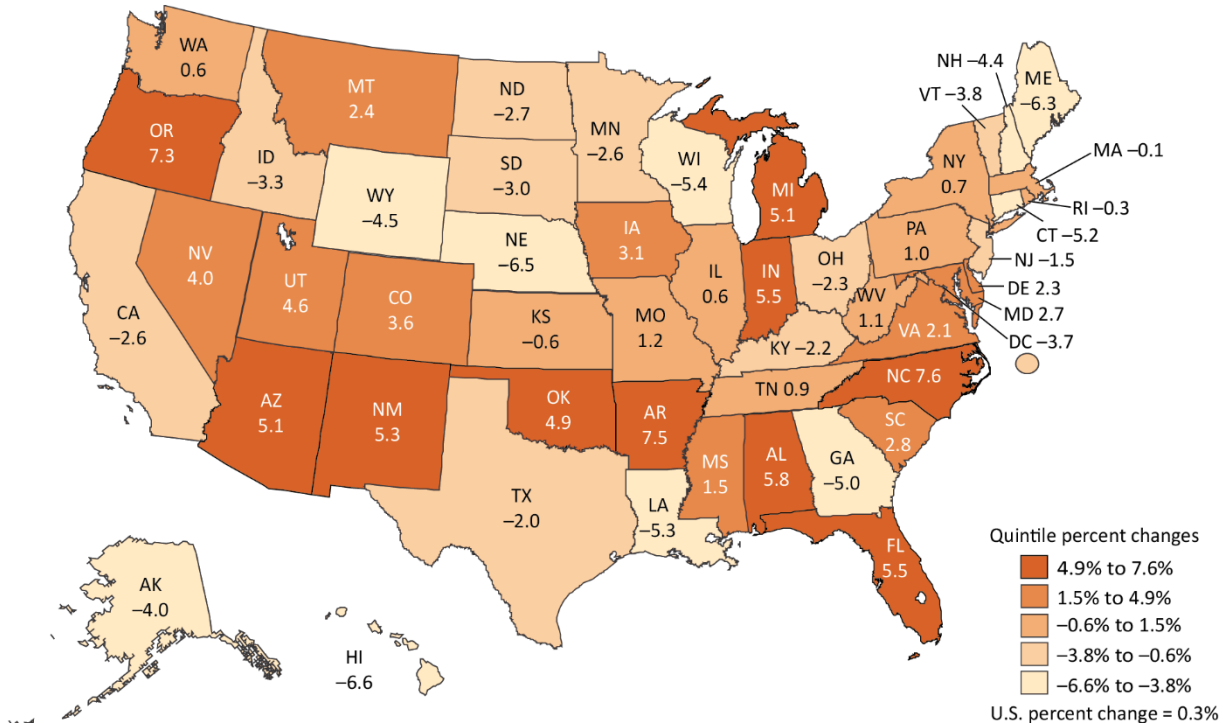
The top arts and cultural production industries varied among the states. In Washington state, publishing and retail industries were the leading contributors to the share of total state GDP. Government and advertising were the leading contributors in the District of Columbia. Broadcasting and “other information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

Employment

Arts and cultural employment nationwide increased 0.3 percent in 2023. The total number of arts and cultural jobs for the nation was 5.4 million. Arts and cultural employment increased in 27 states. The percent change across all states ranged from 7.6 percent in North Carolina to –6.6 percent in Hawaii (table 8).

North Carolina had 167,254 jobs related to arts and culture, representing 3.3 percent of all jobs in the state. Government and retail industries were the leading contributors to the increase in arts and cultural employment in North Carolina. In Hawaii, construction and motion pictures were the leading contributors to the decrease in arts and cultural employment (table 9).

Arts and Cultural Employment: Percent Change, 2022–2023



Compensation

Arts and cultural compensation nationwide increased 3.6 percent in 2023. Arts and cultural compensation increased in 43 states and the District of Columbia. The percent change across all states ranged from 12.7 percent in Nevada to -6.9 percent in Georgia (table 8).

Update of arts and cultural production statistics

Today, BEA released updated national-level arts and cultural production statistics on output, value added, intermediate inputs, employment, and compensation from 1998 to 2022, with new statistics for 2023, and updated state-level statistics on value added, employment, and compensation from 2001 to 2022, with new statistics for 2023. The 2017 to 2023 statistics primarily reflect the incorporation of new and updated source data as well as the results of the 2024 annual update of BEA's National and Regional Economic Accounts. The updates to the 1998 to 2016 statistics reflect the incorporation of the 2023 comprehensive update of BEA's National and Regional Economic accounts. These data, combined with new and revised arts and cultural production-specific source data, 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.

For arts and culture definitions, statistical conventions, and more, visit "[Additional Information.](#)"

Next release: March 2026

Arts and Cultural Production Satellite Account, U.S. and States, 2024

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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	2023
1	Total	2.4	4.3	-1.7	11.2	3.8	6.6
2	Core arts and cultural production	7.2	3.9	-11.3	12.2	13.0	5.5
3	Performing arts	6.9	3.0	-27.7	13.6	24.9	3.5
4	Performing arts companies	0.9	-0.6	-31.5	-31.5	42.0	31.6
5	Promoters of performing arts and similar events	6.6	4.8	-44.4	20.8	68.4	20.7
6	Agents/managers for artists	8.4	3.8	-24.6	27.4	27.3	2.3
7	Independent artists, writers, and performers	9.9	3.7	-18.2	26.5	8.2	-11.9
8	Museums	4.6	0.8	1.6	-18.3	-12.0	18.0
9	Design services	8.0	5.0	-1.1	15.9	8.0	6.3
10	Advertising	7.3	1.9	3.9	15.0	5.3	9.5
11	Architectural services	7.6	8.6	-6.0	11.1	9.6	3.5
12	Landscape architectural services	6.1	7.8	-9.7	17.3	20.2	3.8
13	Interior design services	13.9	4.9	3.2	23.8	8.1	7.9
14	Industrial design services	3.0	8.3	9.0	17.3	-3.4	5.6
15	Graphic design services	1.7	3.8	1.1	18.6	6.4	5.6
16	Computer systems design	10.2	9.6	1.0	7.2	51.5	7.7
17	Photography and photofinishing services	12.3	7.7	-15.1	16.3	4.2	-1.6
18	All other design services	4.6	3.8	-15.3	37.1	22.9	4.7
19	Fine arts education	14.8	4.1	-32.4	19.8	68.0	-2.6
20	Education services	-1.2	2.1	2.1	-4.7	3.9	1.8
21	Supporting arts and cultural production	1.1	4.4	1.2	11.0	1.3	7.1
22	Art support services	0.2	3.8	0.0	2.5	6.4	4.4
23	Rental and leasing	2.1	-1.1	-20.0	-6.9	-0.5	2.9
24	Grantmaking and giving services	-0.8	14.5	-17.9	24.1	5.5	2.7
25	Unions	2.2	5.3	1.5	-2.4	-1.6	6.1
26	Government	0.1	4.0	1.5	2.6	6.5	4.5
27	Other support services	8.1	-3.2	-59.7	76.8	79.6	10.1
28	Information services	1.0	6.0	2.3	15.2	2.5	9.2
29	Publishing	4.5	10.9	5.4	16.8	3.6	9.7
30	Motion pictures	-6.0	-5.0	-17.2	24.0	16.9	2.7
31	Sound recording	3.2	4.2	13.6	19.3	21.7	-1.2
32	Broadcasting	-0.3	-0.6	-1.1	6.4	-2.8	3.4
33	Other information services	5.6	20.1	14.5	19.0	-2.1	19.3
34	Manufacturing	0.1	-2.9	-10.5	14.0	-5.5	-6.2
35	Jewelry and silverware manufacturing	4.1	-2.2	-15.7	39.1	15.0	16.5
36	Printed goods manufacturing	0.0	-6.9	-17.7	6.7	-9.3	-11.7
37	Musical instruments manufacturing	-3.7	3.3	-4.0	22.3	2.8	9.5
38	Custom architectural woodwork and metalwork manufacturing	-2.6	-8.3	-10.0	6.4	-19.8	-15.9
39	Other goods manufacturing	1.6	10.3	5.3	14.4	-0.6	-10.3
40	Construction	5.6	-3.2	-12.8	2.3	-3.2	-6.1
41	NonACPSA-related production	1.6	3.0	-3.1	6.9	8.2	2.1
42	Wholesale and transportation industries	-0.3	-0.6	3.9	1.7	-4.1	-3.6
43	Retail industries	4.9	2.5	1.3	5.4	-11.3	14.1
44	All other industries¹	1.6	3.0	-3.1	6.9	8.2	2.1

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, 2023

	Thousands of dollars			Percent change, 2022–2023		
	Arts and cultural production industries			Arts and cultural production industries		
	Total ¹	Core	Supporting	Total ¹	Core	Supporting
United States	1,169,753,742	265,805,188	873,767,497	7.6	10.6	6.8
Alabama	7,102,932	1,205,080	5,541,464	10.8	17.6	9.6
Alaska	1,465,286	181,740	1,225,829	3.2	16.7	1.2
Arizona	15,803,568	3,794,800	11,482,548	10.9	18.9	8.6
Arkansas	3,849,165	965,575	2,652,959	11.0	16.4	9.5
California	288,902,344	65,841,175	219,563,053	6.2	3.8	6.9
Colorado	19,696,588	5,339,503	13,742,051	7.4	12.1	5.7
Connecticut	13,938,793	2,675,396	10,861,507	6.0	9.2	5.2
Delaware	1,134,587	296,771	730,631	1.6	9.7	-2.0
District of Columbia	15,023,327	4,587,557	10,315,062	5.2	13.6	1.8
Florida	50,847,872	14,732,343	34,171,098	11.4	16.3	9.6
Georgia	31,218,180	7,572,605	22,685,336	-0.6	14.6	-5.0
Hawaii	3,252,734	910,890	2,246,732	-0.7	3.4	-2.6
Idaho	2,765,600	611,621	2,023,489	6.4	18.3	3.2
Illinois	37,393,781	10,359,870	25,728,621	4.6	9.5	2.6
Indiana	10,089,031	2,230,402	7,184,027	8.8	16.6	6.9
Iowa	5,195,772	963,450	3,931,046	5.4	11.0	4.1
Kansas	5,478,242	935,411	4,270,243	9.1	15.3	7.9
Kentucky	6,917,596	1,286,679	5,290,386	7.8	18.0	5.6
Louisiana	6,558,664	1,496,038	4,684,457	-3.4	11.1	-8.0
Maine	2,495,500	766,815	1,617,849	10.3	20.5	6.2
Maryland	13,666,096	2,777,658	10,366,683	5.7	12.7	3.9
Massachusetts	29,739,104	7,191,942	21,712,188	7.5	10.1	6.7
Michigan	20,546,147	5,243,197	14,431,273	9.8	12.5	9.0
Minnesota	14,802,054	3,605,802	10,599,849	6.0	7.7	5.4
Mississippi	2,708,750	353,810	2,166,848	7.6	10.1	7.3
Missouri	12,654,185	3,494,815	8,611,701	10.2	15.6	8.3
Montana	2,445,328	581,405	1,785,234	9.9	11.2	9.5
Nebraska	4,104,109	933,103	2,985,497	4.1	13.4	1.4
Nevada	12,425,883	3,815,430	8,381,172	14.7	31.7	8.5
New Hampshire	3,511,052	750,577	2,614,044	4.6	13.6	2.2
New Jersey	29,193,199	5,944,451	22,318,377	6.3	11.8	4.9
New Mexico	3,459,449	550,864	2,772,759	5.1	13.9	3.4
New York	164,710,427	41,705,772	120,867,117	8.0	8.1	8.0
North Carolina	25,052,288	5,533,996	18,696,278	13.6	19.0	12.4
North Dakota	1,765,420	233,567	1,451,285	10.0	13.4	9.6
Ohio	26,120,418	5,935,025	19,095,781	5.4	16.2	2.3
Oklahoma	5,409,802	1,266,573	3,801,510	13.8	20.1	12.5
Oregon	11,073,880	2,483,956	8,246,647	12.9	6.7	15.2
Pennsylvania	30,428,008	7,287,527	21,868,410	5.8	12.7	3.6
Rhode Island	2,568,488	622,429	1,825,695	8.4	14.7	6.5
South Carolina	9,414,323	2,091,720	6,856,172	7.4	16.9	4.8
South Dakota	1,501,546	274,060	1,125,064	6.2	14.0	4.4
Tennessee	21,182,564	5,998,069	14,586,309	13.3	26.1	9.0
Texas	65,569,985	15,594,810	47,253,045	8.5	13.7	6.9
Utah	9,586,983	2,124,907	7,205,618	11.0	13.5	10.5
Vermont	1,246,393	395,198	802,024	8.5	15.2	5.6
Virginia	21,351,091	4,631,309	15,953,695	10.6	13.7	9.9
Washington	78,993,523	4,589,210	73,793,975	11.4	14.5	11.2
West Virginia	1,572,486	173,092	1,281,453	7.4	14.4	6.4
Wisconsin	12,439,989	2,634,508	9,263,268	3.9	14.4	1.1
Wyoming	1,381,206	232,683	1,100,136	4.6	8.2	3.8

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, 2023—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	4.2	0.06	0.10	0.02	0.16	0.04	0.21	0.11	0.21	0.02	0.03	
Alabama	2.3	0.02	0.03	0.00	0.02	0.02	0.08	0.08	0.12	0.01	0.01	
Alaska	2.2	0.02	0.03	0.00	0.01	0.05	0.04	0.07	0.03	0.01	0.00	
Arizona	3.0	0.03	0.08	0.01	0.06	0.04	0.13	0.10	0.23	0.01	0.01	
Arkansas	2.2	0.02	0.08	0.00	0.01	0.04	0.17	0.10	0.10	0.01	0.01	
California	7.5	0.11	0.17	0.07	0.63	0.05	0.20	0.13	0.30	0.03	0.02	
Colorado	3.7	0.04	0.11	0.00	0.12	0.06	0.17	0.16	0.32	0.02	0.01	
Connecticut	4.0	0.03	0.05	0.01	0.07	0.06	0.23	0.08	0.16	0.02	0.06	
Delaware	1.2	0.02	0.03	0.00	0.03	0.04	0.06	0.03	0.07	0.01	0.00	
District of Columbia	8.5	0.07	0.51	0.01	0.08	0.09	1.13	0.37	0.20	0.01	0.13	
Florida	3.2	0.06	0.09	0.02	0.12	0.04	0.17	0.10	0.30	0.01	0.02	
Georgia	3.8	0.04	0.07	0.01	0.06	0.03	0.34	0.11	0.23	0.01	0.02	
Hawaii	2.9	0.07	0.06	0.00	0.15	0.13	0.05	0.15	0.19	0.01	0.01	
Idaho	2.3	0.03	0.04	0.00	0.05	0.02	0.09	0.10	0.16	0.01	0.01	
Illinois	3.4	0.05	0.07	0.01	0.05	0.05	0.33	0.12	0.21	0.02	0.03	
Indiana	2.0	0.02	0.05	0.00	0.03	0.03	0.09	0.06	0.12	0.01	0.02	
Iowa	2.0	0.02	0.04	0.00	0.02	0.02	0.10	0.06	0.09	0.01	0.01	
Kansas	2.4	0.01	0.04	0.00	0.01	0.02	0.11	0.09	0.12	0.01	0.01	
Kentucky	2.5	0.02	0.03	0.00	0.05	0.06	0.11	0.06	0.11	0.01	0.01	
Louisiana	2.1	0.02	0.06	0.00	0.07	0.05	0.10	0.06	0.09	0.01	0.01	
Maine	2.7	0.05	0.07	0.00	0.18	0.06	0.14	0.10	0.16	0.02	0.03	
Maryland	2.7	0.03	0.03	0.00	0.02	0.04	0.11	0.08	0.18	0.02	0.03	
Massachusetts	4.0	0.06	0.11	0.01	0.05	0.06	0.17	0.18	0.19	0.03	0.12	
Michigan	3.0	0.02	0.07	0.01	0.04	0.04	0.19	0.08	0.30	0.01	0.01	
Minnesota	3.1	0.06	0.06	0.00	0.05	0.04	0.23	0.12	0.16	0.02	0.01	
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	0.06	0.09	0.00	0.04	0.05	0.21	0.14	0.18	0.01	0.02	
Montana	3.3	0.02	0.05	0.00	0.13	0.05	0.09	0.18	0.26	0.01	0.00	
Nebraska	2.3	0.02	0.08	0.00	0.05	0.05	0.07	0.11	0.11	0.01	0.01	
Nevada	5.1	0.32	0.54	0.01	0.27	0.03	0.13	0.09	0.16	0.01	0.00	
New Hampshire	3.1	0.04	0.06	0.00	0.09	0.02	0.12	0.07	0.19	0.02	0.04	
New Jersey	3.6	0.04	0.07	0.01	0.07	0.01	0.22	0.09	0.19	0.02	0.02	
New Mexico	2.6	0.04	0.05	0.00	0.09	0.04	0.05	0.07	0.05	0.02	0.01	
New York	7.6	0.16	0.23	0.05	0.27	0.09	0.58	0.17	0.29	0.04	0.06	
North Carolina	3.2	0.02	0.06	0.01	0.04	0.04	0.12	0.09	0.28	0.01	0.03	
North Dakota	2.3	0.01	0.05	0.00	0.03	0.01	0.07	0.06	0.06	0.01	0.00	
Ohio	3.0	0.03	0.13	0.00	0.04	0.05	0.12	0.09	0.18	0.02	0.01	
Oklahoma	2.1	0.04	0.02	0.00	0.04	0.08	0.09	0.09	0.10	0.01	0.01	
Oregon	3.5	0.05	0.06	0.01	0.06	0.04	0.18	0.14	0.21	0.02	0.01	
Pennsylvania	3.1	0.05	0.07	0.00	0.04	0.05	0.19	0.10	0.15	0.02	0.08	
Rhode Island	3.3	0.06	0.05	0.00	0.06	0.08	0.12	0.09	0.24	0.02	0.09	
South Carolina	2.9	0.04	0.06	0.00	0.08	0.03	0.15	0.08	0.17	0.01	0.01	
South Dakota	2.0	0.01	0.06	0.00	0.06	0.04	0.06	0.05	0.07	0.01	0.00	
Tennessee	4.0	0.27	0.13	0.06	0.22	0.06	0.13	0.10	0.16	0.01	0.02	
Texas	2.5	0.03	0.04	0.01	0.06	0.03	0.13	0.11	0.17	0.01	0.01	
Utah	3.4	0.04	0.07	0.01	0.10	0.03	0.13	0.10	0.24	0.02	0.02	
Vermont	2.9	0.09	0.05	0.01	0.09	0.08	0.13	0.12	0.25	0.05	0.04	
Virginia	3.0	0.03	0.07	0.01	0.05	0.04	0.15	0.09	0.17	0.01	0.01	
Washington	9.8	0.04	0.06	0.00	0.03	0.03	0.13	0.12	0.13	0.02	0.00	
West Virginia	1.5	0.01	0.02	0.00	0.00	0.01	0.05	0.03	0.03	0.00	0.01	
Wisconsin	2.9	0.04	0.06	0.00	0.04	0.03	0.18	0.09	0.14	0.02	0.02	
Wyoming	2.7	0.02	0.06	0.00	0.08	0.05	0.05	0.06	0.12	0.01	0.00	

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, 2023—Table Ends

	Percentage points												All other industries
	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	0.49	0.01	0.45	0.33	0.08	0.54	0.65	0.07	0.07	0.20	0.24	0.11
Alabama	0.01	0.55	0.00	0.17	0.07	0.01	0.44	0.09	0.15	0.03	0.13	0.15	0.12
Alaska	0.00	1.11	0.01	0.04	0.07	0.00	0.39	0.01	0.01	0.01	0.03	0.11	0.08
Arizona	0.02	0.48	0.01	0.34	0.09	0.01	0.52	0.21	0.05	0.07	0.16	0.24	0.10
Arkansas	0.00	0.53	0.01	0.05	0.06	0.01	0.42	0.02	0.07	0.06	0.13	0.13	0.13
California	0.02	0.41	0.02	0.55	1.22	0.15	0.43	2.30	0.06	0.12	0.23	0.18	0.09
Colorado	0.02	0.67	0.01	0.59	0.12	0.02	0.60	0.18	0.05	0.06	0.16	0.13	0.12
Connecticut	0.01	0.35	0.01	0.29	0.46	0.02	1.13	0.50	0.05	0.11	0.10	0.12	0.12
Delaware	0.01	0.23	0.01	0.08	0.04	0.01	0.15	0.02	0.01	0.01	0.04	0.14	0.11
District of Columbia	0.00	3.11	0.11	0.49	0.16	0.03	0.95	0.85	0.00	0.05	0.05	0.04	0.07
Florida	0.04	0.40	0.01	0.29	0.16	0.07	0.34	0.19	0.05	0.07	0.29	0.21	0.12
Georgia	0.02	0.42	0.01	0.37	0.37	0.02	0.81	0.24	0.05	0.04	0.16	0.22	0.12
Hawaii	0.01	0.50	0.02	0.10	0.26	0.00	0.64	0.16	0.04	0.05	0.14	0.11	0.09
Idaho	0.01	0.61	0.01	0.20	0.07	0.01	0.32	0.06	0.03	0.02	0.18	0.15	0.11
Illinois	0.03	0.54	0.02	0.29	0.12	0.04	0.24	0.42	0.07	0.11	0.26	0.21	0.12
Indiana	0.01	0.53	0.01	0.09	0.05	0.01	0.25	0.05	0.11	0.03	0.13	0.17	0.14
Iowa	0.02	0.47	0.01	0.17	0.05	0.00	0.31	0.04	0.08	0.13	0.10	0.18	0.12
Kansas	0.01	0.57	0.01	0.17	0.04	0.01	0.62	0.06	0.07	0.09	0.10	0.11	0.12
Kentucky	0.01	0.53	0.01	0.12	0.07	0.01	0.67	0.05	0.07	0.03	0.15	0.17	0.12
Louisiana	0.07	0.38	0.00	0.06	0.13	0.01	0.36	0.05	0.07	0.09	0.13	0.14	0.12
Maine	0.01	0.43	0.01	0.20	0.09	0.01	0.19	0.10	0.34	0.11	0.05	0.20	0.12
Maryland	0.02	0.63	0.01	0.25	0.09	0.02	0.39	0.15	0.05	0.09	0.17	0.15	0.10
Massachusetts	0.01	0.38	0.01	1.03	0.12	0.02	0.27	0.73	0.09	0.03	0.11	0.15	0.11
Michigan	0.02	0.56	0.01	0.20	0.09	0.01	0.25	0.36	0.09	0.04	0.32	0.18	0.13
Minnesota	0.01	0.55	0.01	0.39	0.06	0.04	0.28	0.23	0.12	0.05	0.28	0.18	0.12
Mississippi	0.01	0.63	0.00	0.07	0.03	0.04	0.38	0.02	0.04	0.03	0.06	0.14	0.12
Missouri	0.02	0.50	0.01	0.20	0.08	0.01	0.35	0.13	0.06	0.13	0.24	0.27	0.13
Montana	0.01	0.89	0.01	0.16	0.17	0.02	0.57	0.14	0.13	0.09	0.10	0.16	0.11
Nebraska	0.01	0.46	0.01	0.30	0.04	0.00	0.30	0.14	0.04	0.16	0.06	0.14	0.10
Nevada	0.08	0.50	0.01	0.32	0.18	0.07	0.31	1.27	0.09	0.18	0.28	0.14	0.09
New Hampshire	0.01	0.38	0.01	0.50	0.14	0.02	0.27	0.15	0.15	0.18	0.23	0.25	0.13
New Jersey	0.02	0.50	0.01	0.32	0.17	0.04	0.37	0.51	0.10	0.05	0.51	0.18	0.12
New Mexico	0.02	0.79	0.01	0.09	0.38	0.06	0.37	0.02	0.10	0.09	0.03	0.11	0.10
New York	0.01	0.43	0.01	0.53	0.74	0.27	1.64	1.33	0.09	0.04	0.26	0.20	0.10
North Carolina	0.01	0.49	0.01	0.47	0.07	0.02	0.57	0.21	0.07	0.03	0.25	0.18	0.10
North Dakota	0.01	0.70	0.00	0.26	0.05	0.00	0.36	0.03	0.06	0.10	0.07	0.27	0.11
Ohio	0.01	0.45	0.01	0.22	0.05	0.01	0.83	0.12	0.10	0.04	0.14	0.17	0.12
Oklahoma	0.02	0.47	0.01	0.07	0.08	0.01	0.29	0.06	0.08	0.16	0.08	0.16	0.13
Oregon	0.01	0.76	0.01	0.59	0.24	0.02	0.30	0.14	0.07	0.09	0.17	0.18	0.11
Pennsylvania	0.03	0.37	0.01	0.35	0.10	0.02	0.50	0.27	0.09	0.08	0.14	0.27	0.13
Rhode Island	0.00	0.48	0.02	0.16	0.11	0.02	0.54	0.13	0.53	0.10	0.13	0.12	0.16
South Carolina	0.01	0.55	0.01	0.20	0.05	0.04	0.38	0.20	0.06	0.04	0.37	0.19	0.14
South Dakota	0.00	0.67	0.01	0.06	0.07	0.01	0.34	0.03	0.09	0.09	0.03	0.13	0.14
Tennessee	0.02	0.41	0.01	0.33	0.25	0.73	0.37	0.09	0.08	0.04	0.23	0.23	0.11
Texas	0.03	0.39	0.01	0.26	0.11	0.02	0.46	0.14	0.05	0.04	0.18	0.14	0.11
Utah	0.01	0.56	0.01	0.75	0.22	0.02	0.18	0.16	0.10	0.09	0.18	0.29	0.09
Vermont	0.00	0.53	0.01	0.32	0.10	0.01	0.21	0.16	0.15	0.07	0.11	0.17	0.11
Virginia	0.01	0.54	0.02	0.28	0.10	0.06	0.50	0.20	0.05	0.09	0.26	0.13	0.11
Washington	0.01	0.62	0.01	3.35	0.12	0.03	0.58	1.96	0.04	0.08	0.11	2.22	0.08
West Virginia	0.01	0.61	0.01	0.06	0.03	0.00	0.27	0.03	0.04	0.03	0.04	0.12	0.12
Wisconsin	0.01	0.52	0.01	0.51	0.05	0.03	0.37	0.10	0.14	0.18	0.10	0.14	0.13
Wyoming	0.01	1.25	0.01	0.08	0.06	0.00	0.25	0.05	0.01	0.26	0.04	0.10	0.09

ACPSA Arts and Cultural Production Satellite Account

Table 4. Industry Contributions to Percent Change in Value Added of Arts and Cultural Production by State, 2023—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	7.6	0.49	0.65	0.06	-0.23	0.24	0.47	0.14	0.43	0.03	0.04
Alabama	10.8	0.31	0.44	0.02	-0.01	0.27	0.55	0.32	0.94	0.01	-0.04
Alaska	3.2	0.26	0.42	-0.02	0.03	0.57	0.18	0.34	0.01	0.03	0.00
Arizona	10.9	0.33	1.10	0.04	0.32	0.37	0.53	0.35	1.20	0.08	-0.08
Arkansas	11.0	0.24	1.49	0.01	0.04	0.33	0.83	0.35	0.60	0.06	-0.02
California	6.2	0.52	0.52	0.07	-0.82	0.15	0.16	0.01	0.22	0.03	0.03
Colorado	7.4	0.30	0.91	0.01	0.08	0.38	0.54	0.19	0.77	0.05	-0.09
Connecticut	6.0	0.23	0.23	0.02	-0.20	0.30	0.52	0.09	0.33	0.05	0.16
Delaware	1.6	0.30	0.71	-0.04	-0.24	0.33	0.52	0.09	0.48	0.17	0.03
District of Columbia	5.2	0.26	1.75	0.04	-0.07	0.23	1.27	0.11	0.07	-0.01	0.19
Florida	11.4	0.71	0.91	0.23	0.06	0.28	0.84	0.28	1.05	0.03	0.12
Georgia	-0.6	0.28	0.60	0.02	0.24	0.17	1.33	0.08	0.31	0.03	0.02
Hawaii	-0.7	0.08	0.42	0.00	-1.46	1.00	0.18	0.16	0.79	0.04	-0.28
Idaho	6.4	0.51	0.76	0.06	0.10	0.15	0.53	0.72	0.80	0.02	-0.01
Illinois	4.6	0.41	0.54	0.05	-0.16	0.29	0.83	0.10	0.31	-0.02	0.17
Indiana	8.8	0.31	0.81	0.04	0.21	0.33	0.68	0.29	0.56	0.02	0.17
Iowa	5.4	0.25	0.51	0.02	-0.14	0.22	0.50	0.18	0.44	0.06	-0.10
Kansas	9.1	0.08	0.46	-0.01	0.01	0.16	1.06	0.26	0.34	0.02	0.08
Kentucky	7.8	0.41	0.28	0.03	0.21	0.63	0.71	0.36	0.47	0.03	-0.06
Louisiana	-3.4	0.22	0.60	0.02	0.14	0.60	0.29	0.10	0.46	0.03	-0.25
Maine	10.3	0.53	0.63	0.01	1.47	0.65	1.03	0.40	1.07	0.02	-0.04
Maryland	5.7	0.32	0.35	0.02	0.00	0.29	0.55	0.08	0.61	0.03	0.18
Massachusetts	7.5	0.40	0.72	-0.03	-0.15	0.31	0.15	0.07	0.15	0.10	0.68
Michigan	9.8	0.19	0.56	0.03	0.28	0.35	0.63	0.18	0.97	0.04	-0.13
Minnesota	6.0	0.46	0.42	0.02	0.06	0.25	0.58	0.12	0.06	0.03	-0.15
Mississippi	7.6	0.13	0.16	0.00	0.09	0.13	0.35	0.20	0.33	0.04	-0.14
Missouri	10.2	0.54	0.91	0.02	0.31	0.34	0.90	0.46	0.59	0.02	0.01
Montana	9.9	0.22	0.61	-0.01	-0.48	0.31	0.50	0.08	1.42	0.05	-0.07
Nebraska	4.1	0.25	0.88	0.08	-0.11	0.50	0.34	0.31	0.48	0.06	0.00
Nevada	14.7	2.24	4.62	0.05	0.67	0.17	0.40	0.12	0.25	0.01	-0.03
New Hampshire	4.6	0.32	0.67	-0.02	0.12	0.18	0.40	0.18	0.85	0.05	-0.07
New Jersey	6.3	0.15	0.46	0.04	0.26	0.08	0.89	0.15	0.30	0.04	-0.07
New Mexico	5.1	0.56	0.67	-0.02	0.01	0.30	0.17	0.28	0.10	0.01	-0.03
New York	8.0	0.61	0.74	0.09	-0.51	0.29	0.43	0.10	0.30	0.03	-0.03
North Carolina	13.6	0.15	0.57	0.05	0.14	0.20	0.71	0.40	1.46	0.08	0.26
North Dakota	10.0	0.06	0.66	0.00	0.28	0.17	0.42	0.04	0.17	0.02	-0.11
Ohio	5.4	0.30	1.32	-0.03	0.15	0.40	0.47	0.24	0.47	0.05	-0.04
Oklahoma	13.8	0.79	0.21	0.00	0.53	1.00	0.74	0.59	0.66	0.03	-0.10
Oregon	12.9	0.32	0.43	0.03	-0.13	0.25	0.45	0.06	0.17	0.05	-0.05
Pennsylvania	5.8	0.40	0.56	0.03	-0.15	0.34	0.63	0.28	0.42	0.04	0.30
Rhode Island	8.4	0.43	0.33	0.01	-0.10	0.50	0.59	0.25	0.85	0.11	0.38
South Carolina	7.4	0.50	0.56	0.03	0.05	0.23	1.06	0.17	0.80	0.01	0.05
South Dakota	6.2	0.10	0.62	0.00	0.18	0.41	0.39	0.33	0.65	0.01	-0.31
Tennessee	13.3	2.85	0.92	0.35	0.96	0.33	0.41	0.25	0.43	0.06	0.07
Texas	8.5	0.54	0.45	0.07	0.12	0.27	0.55	0.43	0.69	0.03	-0.03
Utah	11.0	0.40	0.55	0.11	0.00	0.17	0.61	0.11	0.94	0.03	0.01
Vermont	8.5	0.82	0.25	-0.01	-0.19	0.54	0.89	0.32	1.62	0.11	0.18
Virginia	10.6	0.37	0.79	0.06	-0.13	0.27	0.47	0.19	0.84	0.05	-0.01
Washington	11.4	0.13	0.21	0.01	0.00	0.10	0.21	0.01	0.15	0.02	-0.02
West Virginia	7.4	0.19	0.26	0.00	0.01	0.16	0.52	0.04	0.23	0.04	0.04
Wisconsin	3.9	0.43	0.43	0.02	-0.05	0.23	0.95	0.28	0.48	0.05	-0.05
Wyoming	4.6	0.13	0.46	0.03	-0.01	0.35	0.25	0.13	0.04	0.02	-0.06

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, 2023—Table Ends

	Percentage points												
	Supporting arts and cultural production industries											All other 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	0.04	0.65	0.04	1.11	0.00	0.06	0.19	1.96					
Alabama	0.02	2.95	0.01	0.38	1.00	-0.08	0.09	0.34	1.37	0.42	0.25	0.82	0.40
Alaska	0.00	-0.47	0.07	0.30	0.56	0.00	-0.69	0.03	0.35	0.08	0.25	0.56	0.31
Arizona	0.03	1.74	0.03	1.85	0.68	0.15	-0.03	0.23	0.17	0.63	-0.22	1.13	0.25
Arkansas	0.01	1.23	0.04	0.23	0.68	0.00	0.46	0.09	0.30	2.44	0.34	0.84	0.45
California	0.01	0.62	0.04	0.95	-0.31	-0.01	0.06	3.62	0.08	0.19	-0.24	0.17	0.07
Colorado	0.07	2.14	0.03	0.82	0.70	0.04	-0.72	0.10	0.04	0.37	0.05	0.42	0.23
Connecticut	0.06	-0.91	0.06	0.83	2.91	0.11	0.04	0.93	0.05	-0.54	0.23	0.34	0.18
Delaware	0.10	-2.29	0.00	0.72	1.13	0.08	-0.27	0.10	0.00	-2.38	0.10	1.41	0.60
District of Columbia	0.01	0.92	0.12	0.38	0.29	0.05	-0.15	-0.18	0.00	-0.04	-0.22	0.09	0.05
Florida	0.18	1.30	0.07	0.93	1.22	0.00	-0.10	0.98	0.30	0.09	0.57	0.98	0.33
Georgia	0.03	0.19	0.02	0.16	-5.23	-0.14	-0.93	1.00	0.08	0.06	0.29	0.63	0.21
Hawaii	0.04	0.64	0.09	0.62	-2.05	0.06	0.28	1.21	0.28	-3.40	-0.04	0.41	0.22
Idaho	-0.03	0.65	0.03	1.85	0.91	0.06	0.36	0.31	0.14	-2.19	0.34	0.01	0.34
Illinois	0.11	0.55	0.07	0.31	-0.08	-0.02	-0.29	1.14	0.14	0.19	-1.05	0.79	0.23
Indiana	0.09	3.13	0.05	0.37	0.79	-0.33	-0.10	0.22	0.57	-0.66	-0.10	0.96	0.44
Iowa	0.03	-2.48	0.03	-0.13	0.53	0.02	0.13	0.17	0.10	3.95	-0.26	1.03	0.40
Kansas	0.03	1.66	0.06	0.28	0.40	0.05	0.78	0.02	0.27	2.35	-0.23	0.59	0.37
Kentucky	0.06	0.11	0.07	1.46	0.73	0.11	0.40	0.53	0.19	-0.69	0.16	1.22	0.36
Louisiana	0.29	0.07	0.02	0.12	-10.08	0.12	0.02	0.19	0.58	2.29	-0.25	0.63	0.38
Maine	0.03	-0.99	0.05	2.57	0.82	0.07	-0.11	0.47	2.87	-2.77	0.01	1.16	0.32
Maryland	0.14	2.11	0.03	0.69	0.81	-0.08	-0.24	0.71	0.20	-1.99	-0.06	0.72	0.26
Massachusetts	0.00	-0.18	0.01	2.94	-0.30	-0.04	-0.09	2.34	0.31	-0.01	-0.50	0.47	0.15
Michigan	0.04	2.17	0.06	1.02	0.59	0.08	-0.05	0.58	0.07	0.89	0.12	0.78	0.31
Minnesota	0.01	-0.19	0.05	0.48	0.35	0.08	-0.03	1.12	0.25	0.52	0.57	0.67	0.26
Mississippi	-0.34	3.94	0.02	0.85	-0.49	0.78	-0.32	0.17	-0.11	0.22	0.12	1.04	0.47
Missouri	0.06	0.53	0.03	1.01	0.77	0.01	-0.47	0.52	0.09	1.72	0.03	1.42	0.33
Montana	0.03	1.62	0.02	1.17	0.21	0.07	0.14	0.58	0.75	1.38	0.36	0.65	0.26
Nebraska	-0.01	-0.19	0.05	0.41	0.40	0.02	-0.05	0.19	0.31	-1.37	1.09	0.20	0.31
Nevada	0.23	-0.10	0.05	2.39	0.71	0.20	-0.01	0.20	0.34	1.17	0.58	0.32	0.13
New Hampshire	0.08	-2.58	0.05	-1.45	1.14	-0.35	-0.21	0.89	-0.03	3.96	0.00	0.18	0.26
New Jersey	0.02	-0.51	0.04	1.38	-0.21	0.10	-0.14	2.14	0.37	0.08	0.15	0.39	0.22
New Mexico	0.11	4.05	0.04	0.07	-3.68	0.06	-0.02	0.06	0.93	0.71	-0.16	0.58	0.30
New York	0.01	0.62	0.02	0.18	-0.03	0.07	0.79	3.84	0.21	-0.03	0.00	0.17	0.08
North Carolina	0.08	2.11	0.06	3.05	0.59	-0.04	0.19	1.55	0.15	0.44	0.37	0.78	0.27
North Dakota	0.12	3.71	0.03	0.61	0.57	0.01	0.09	0.55	0.13	1.54	-0.62	1.19	0.38
Ohio	0.05	-0.51	0.03	0.80	0.25	0.04	0.24	-0.34	0.19	0.29	0.08	0.61	0.29
Oklahoma	0.13	1.79	0.07	0.55	1.41	-0.01	-0.71	0.19	0.06	4.30	-0.22	1.31	0.52
Oregon	0.05	4.12	0.05	1.56	1.72	0.05	-0.25	1.46	0.17	1.37	0.19	0.58	0.22
Pennsylvania	-0.05	-1.46	0.04	1.51	-0.17	0.09	-0.16	1.21	0.26	0.56	-0.26	1.09	0.29
Rhode Island	0.03	-0.03	0.09	0.92	-0.16	0.02	0.31	0.85	4.08	-1.60	-0.14	0.36	0.30
South Carolina	0.09	1.84	0.05	0.67	-0.65	0.14	-0.36	1.32	0.02	-0.35	-0.82	1.60	0.39
South Dakota	0.01	0.31	0.09	0.35	0.35	-0.02	-0.09	0.28	0.60	0.36	0.07	1.02	0.49
Tennessee	0.15	0.70	0.03	1.68	1.13	1.09	0.20	0.19	0.10	0.21	0.16	0.81	0.21
Texas	0.17	0.77	0.05	1.28	0.82	0.11	0.18	0.66	0.26	0.37	-0.32	0.72	0.33
Utah	0.02	3.51	0.02	1.28	1.12	0.24	-0.15	-0.13	0.52	0.91	0.14	0.42	0.21
Vermont	0.00	0.39	0.04	2.59	0.67	-0.07	-0.06	0.68	0.31	-1.28	-0.19	0.65	0.27
Virginia	0.01	1.92	0.06	1.55	0.80	0.75	-0.14	0.67	0.07	0.39	0.73	0.62	0.28
Washington	0.02	0.09	0.02	3.60	0.27	0.02	1.81	1.25	0.03	0.38	0.21	2.84	0.06
West Virginia	0.05	1.80	0.13	0.52	0.22	0.02	-0.02	0.24	-0.23	0.61	0.84	1.07	0.60
Wisconsin	0.03	-1.87	0.03	0.78	0.49	0.03	0.11	0.48	0.14	-0.26	0.32	0.58	0.29
Wyoming	0.03	-0.85	0.03	0.68	0.49	-0.03	-0.26	0.26	0.04	2.02	0.09	0.53	0.26

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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	2023
1	Total	5.4	3.4	-2.5	13.4	9.2	3.1
2	Core arts and cultural production	6.4	4.7	-2.8	13.1	10.5	3.2
3	Performing arts	4.3	5.4	-38.8	18.5	40.2	15.7
4	Music groups	4.3	5.3	-38.7	18.2	40.2	15.4
5	Dance	4.3	5.3	-38.7	18.2	40.2	15.4
6	Opera	4.3	5.3	-38.7	18.2	40.2	15.4
7	Symphonies	4.3	5.3	-38.7	18.2	40.2	15.4
8	Theater	4.3	5.3	-38.7	18.2	40.2	15.4
9	Other	4.3	5.1	-40.0	20.5	40.5	15.3
10	Independent artists, writers, and performers	9.3	5.7	-23.8	39.7	18.9	-14.9
11	Museums	2.9	6.0	-5.8	3.7	-2.6	4.2
12	Art	2.7	6.2	-7.6	3.7	-4.3	4.8
13	Botanical and zoological	2.7	6.2	-7.6	3.7	-4.3	4.8
14	Children's	2.7	6.2	-7.6	3.7	-4.3	4.8
15	Historical sites	2.7	6.2	-7.6	3.7	-4.3	4.8
16	History	2.7	6.2	-7.6	3.7	-4.3	4.8
17	Natural	2.7	6.2	-7.6	3.7	-4.3	4.8
18	Nature parks	3.3	4.5	1.8	4.0	3.7	1.8
19	Science	2.7	6.2	-7.6	3.7	-4.3	4.8
20	Other	2.7	6.2	-7.6	3.7	-4.3	4.8
21	Design services	8.1	5.5	2.0	16.2	8.9	4.1
22	Advertising	9.0	5.3	3.4	17.2	7.3	4.3
23	Architectural services, historic restoration	6.5	6.4	-2.4	10.4	9.8	2.9
24	Landscape architectural services	8.7	7.1	3.2	10.5	14.2	3.4
25	All other architectural services	6.5	6.4	-2.4	10.4	9.8	2.9
26	Interior design services	8.6	5.6	1.1	20.9	12.2	4.5
27	Industrial design services	2.0	9.1	10.7	13.3	5.5	4.7
28	Graphic design services	-1.2	6.9	0.2	15.9	14.2	4.7
29	Fashion design services	1.1	6.2	-9.1	24.1	22.8	4.5
30	Computer systems design	1.8	3.4	-5.8	-12.9	84.4	5.2
31	Photography and photofinishing services	4.8	3.8	-14.7	12.5	13.9	4.2
32	All other design services	1.1	6.2	-9.1	24.1	22.8	4.5
33	Fine arts education	10.7	7.3	-17.5	16.7	37.7	14.3
34	Education services	2.9	3.5	3.4	4.7	7.2	1.4
35	Entertainment originals	4.0	1.7	-3.4	0.4	10.9	4.7
36	Supporting arts and cultural production	4.5	2.1	-2.1	13.7	7.9	3.1
37	Art support services	5.4	5.1	-16.1	19.2	21.2	4.6
38	Rental and leasing	5.0	2.0	-12.6	9.5	10.0	5.4
39	Agents/managers for artists	7.1	5.4	-28.1	42.3	20.0	6.8
40	Promoters of performing arts and similar events	7.4	7.0	-32.5	41.1	45.9	5.4
41	Grantmaking and giving services	-0.1	11.4	-20.4	27.0	13.3	15.8
42	Unions	-0.5	6.5	8.6	-2.1	3.9	12.4
43	Government	3.5	4.0	4.3	4.3	4.8	1.5
44	Other support services	11.8	6.7	-48.7	38.4	50.9	13.5
45	Books publishing	-3.9	-2.3	-8.1	11.3	7.2	-2.6
46	Education (K-12)	-5.0	-4.5	-7.3	6.1	7.0	-1.2
47	Higher education	-2.7	-1.6	-7.8	11.8	3.1	1.8
48	General reference	-6.2	-1.5	-9.5	16.0	50.8	-33.3
49	Professional, technical, and scholarly	-7.1	-4.8	-10.1	4.6	3.9	-2.3
50	Adult trade	-2.5	-1.2	-8.5	13.9	5.3	0.3
51	Children	-2.8	-1.7	-6.0	12.5	1.5	3.0
52	Other publishing	4.8	5.4	4.8	13.4	10.6	8.8
53	Cards, calendars, and other	2.5	0.2	3.4	12.5	4.0	7.8
54	Newspapers and periodicals	-2.3	-2.5	-6.9	3.4	4.9	2.0
55	Software	7.3	8.4	7.9	15.7	12.7	10.3
56	Information services	5.8	1.8	-2.4	14.2	5.9	1.9
57	Broadcasting	-0.1	-3.5	-0.2	5.6	-1.7	-4.0
58	Sound recording	6.0	10.5	4.9	15.9	12.8	-1.1
59	Motion pictures	6.3	-2.6	-70.3	73.4	52.4	0.0
60	Audio/visual production	9.0	1.7	-4.5	16.6	11.8	4.0
61	Other information services	14.9	12.1	10.1	22.1	6.2	9.1
62	Manufactured goods	2.0	-0.9	-0.6	14.2	3.7	-4.4
63	Jewelry and silverware	2.5	-0.8	6.5	22.4	-0.2	-3.5
64	Printed goods	-5.3	-3.4	-11.7	5.7	8.1	-1.3
65	Musical instruments	1.1	0.2	-6.1	16.7	5.2	5.4
66	Custom architectural woodwork and metalwork	-4.4	-3.3	-0.8	3.2	10.1	-0.5
67	Camera and motion picture equipment	26.4	-8.1	-10.8	22.5	2.7	7.5
68	Other goods	5.5	0.9	-1.9	12.0	6.7	-7.5
69	Construction	6.0	1.0	-6.4	-3.0	7.7	8.9

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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	2018	2019	2020	2021	2022	2023
1	Total	1,495,623	1,546,860	1,508,755	1,711,498	1,869,730	1,927,948
2	Core arts and cultural production	741,759	776,865	755,059	854,079	943,941	974,156
3	Performing arts	43,431	45,760	28,007	33,182	46,524	53,828
4	Music groups	8,148	8,582	5,260	6,218	8,716	10,056
5	Dance	2,811	2,960	1,815	2,145	3,007	3,469
6	Opera	3,357	3,536	2,167	2,562	3,591	4,143
7	Symphonies	7,425	7,820	4,794	5,667	7,943	9,164
8	Theater	17,863	18,815	11,533	13,633	19,110	22,048
9	Other	3,821	4,015	2,409	2,902	4,077	4,702
10	Independent artists, writers, and performers	42,343	44,754	34,108	47,650	56,650	48,200
11	Museums	26,097	27,653	26,050	27,015	26,324	27,436
12	Art	2,948	3,132	2,894	3,001	2,872	3,010
13	Botanical and zoological	4,873	5,177	4,784	4,962	4,748	4,976
14	Children's	1,032	1,096	1,013	1,050	1,005	1,053
15	Historical sites	1,217	1,292	1,194	1,239	1,185	1,242
16	History	590	626	579	600	574	602
17	Natural	4,717	5,011	4,630	4,802	4,596	4,816
18	Nature parks	5,251	5,489	5,590	5,815	6,029	6,138
19	Science	4,717	5,011	4,630	4,802	4,596	4,816
20	Other	737	783	723	750	718	752
21	Design services	416,924	439,709	448,607	521,335	567,476	590,669
22	Advertising	313,484	330,098	341,428	399,987	429,270	447,682
23	Architectural services, historic restoration	2,395	2,549	2,487	2,745	3,015	3,102
24	Landscape architectural services	14,660	15,695	16,200	17,906	20,448	21,135
25	All other architectural services	28,908	30,762	30,019	33,127	36,386	37,437
26	Interior design services	21,706	22,928	23,173	28,025	31,439	32,849
27	Industrial design services	2,755	3,006	3,328	3,769	3,977	4,163
28	Graphic design services	12,160	13,005	13,030	15,097	17,241	18,054
29	Fashion design services	1,371	1,455	1,323	1,643	2,017	2,109
30	Computer systems design	3,561	3,682	3,469	3,022	5,573	5,866
31	Photography and photofinishing services	15,684	16,287	13,890	15,633	17,800	18,551
32	All other design services	264	280	254	316	388	406
33	Fine arts education	7,172	7,697	6,347	7,410	10,201	11,663
34	Education services	116,552	120,574	124,710	130,533	139,986	141,940
35	Entertainment originals	89,265	90,762	87,684	88,052	97,621	102,246
36	Supporting arts and cultural production	753,911	769,889	753,561	856,908	925,027	953,480
37	Art support services	61,651	64,786	54,343	64,803	78,570	82,192
38	Rental and leasing	10,645	10,863	9,497	10,403	11,448	12,067
39	Agents/managers for artists	5,507	5,804	4,174	5,941	7,130	7,612
40	Promoters of performing arts and similar events	21,035	22,514	15,196	21,439	31,290	32,976
41	Grantmaking and giving services	1,324	1,474	1,173	1,490	1,688	1,955
42	Unions	686	731	794	777	808	908
43	Government	20,806	21,634	22,561	23,520	24,660	25,020
44	Other support services	1,659	1,769	908	1,256	1,896	2,152
45	Books publishing	23,907	23,360	21,472	23,897	25,615	24,948
46	Education (K-12)	2,276	2,173	2,015	2,137	2,287	2,259
47	Higher education	1,240	1,220	1,124	1,257	1,296	1,319
48	General reference	1,620	1,597	1,445	1,676	2,528	1,686
49	Professional, technical, and scholarly	3,653	3,476	3,126	3,269	3,396	3,316
50	Adult trade	8,749	8,648	7,909	9,010	9,487	9,512
51	Children	6,386	6,280	5,902	6,639	6,738	6,942
52	Other publishing	144,736	152,608	159,869	181,227	200,468	218,107
53	Cards, calendars, and other	15,393	15,430	15,957	17,945	18,660	20,117
54	Newspapers and periodicals	26,996	26,322	24,498	25,339	26,591	27,117
55	Software	102,388	111,037	119,864	138,722	156,278	172,327
56	Information services	360,623	367,071	358,226	409,082	433,165	441,545
57	Broadcasting	154,583	149,163	148,841	157,212	154,570	148,436
58	Sound recording	18,641	20,596	21,609	25,044	28,240	27,920
59	Motion pictures	19,657	19,149	5,687	9,863	15,032	15,027
60	Audio/visual production	89,900	91,473	87,374	101,852	113,822	118,401
61	Other information services	77,880	87,316	96,139	117,426	124,681	136,052
62	Manufactured goods	132,589	131,410	130,567	149,075	154,529	147,710
63	Jewelry and silverware	44,044	43,689	46,523	56,952	56,838	54,846
64	Printed goods	18,128	17,517	15,476	16,356	17,678	17,454
65	Musical instruments	5,215	5,228	4,909	5,730	6,029	6,357
66	Custom architectural woodwork and metalwork	12,624	12,209	12,106	12,492	13,751	13,683
67	Camera and motion picture equipment	1,756	1,613	1,439	1,762	1,810	1,945
68	Other goods	50,801	51,267	50,285	56,323	60,120	55,609
69	Construction	30,785	31,086	29,097	28,217	30,399	33,106

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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	2018	2019	2020	2021	2022	2023
1	Total	1,493,482	1,552,444	1,520,188	1,740,345	1,922,268	1,990,239
2	Core arts and cultural production	305,767	325,252	281,383	332,069	397,522	421,727
3	Performing arts	120,134	128,396	90,286	118,810	157,909	164,744
4	Performing arts companies	28,128	29,472	21,169	21,232	28,064	33,809
5	Promoters of performing arts and similar events	35,663	38,762	22,544	32,395	50,992	60,114
6	Agents/managers for artists	5,937	6,321	4,616	6,568	7,719	8,308
7	Independent artists, writers, and performers	50,407	53,841	41,956	58,614	71,133	62,513
8	Museums	19,894	21,377	19,806	21,051	20,030	21,728
9	Design services	150,706	159,612	156,626	176,388	199,751	213,237
10	Advertising	56,524	60,328	60,180	66,687	74,317	80,880
11	Architectural services	32,884	34,935	34,003	37,553	41,554	43,282
12	Landscape architectural services	6,055	6,244	6,458	6,833	7,748	8,072
13	Interior design services	19,985	21,046	21,281	25,975	29,390	31,047
14	Industrial design services	2,705	2,951	3,277	3,709	3,920	4,149
15	Graphic design services	12,228	13,060	13,065	15,149	17,419	18,413
16	Computer systems design	3,242	3,381	3,321	3,362	5,112	5,454
17	Photography and photofinishing services	15,410	15,894	13,441	15,127	17,811	19,321
18	All other design services	1,673	1,774	1,601	1,993	2,480	2,620
19	Fine arts education	7,312	7,902	6,568	7,748	10,735	12,378
20	Education services	7,721	7,965	8,097	8,072	9,097	9,641
21	Supporting arts and cultural production	1,147,682	1,186,077	1,199,275	1,363,821	1,473,218	1,514,476
22	Art support services	164,265	172,864	178,006	190,503	208,707	215,418
23	Rental and leasing	10,658	10,980	9,664	10,717	12,052	13,054
24	Grantmaking and giving services	1,412	1,586	1,287	1,652	1,903	2,242
25	Unions	1,201	1,271	1,311	1,338	1,446	1,674
26	Government	149,231	157,131	164,720	175,369	191,133	195,904
27	Other support services	1,763	1,896	1,024	1,428	2,173	2,545
28	Information services	766,637	792,916	801,606	916,062	987,161	1,017,736
29	Publishing	139,521	142,815	146,607	160,648	175,250	184,703
30	Motion pictures	140,278	142,110	121,502	138,882	161,892	167,527
31	Sound recording	19,861	21,818	22,809	26,028	29,402	30,564
32	Broadcasting	282,487	277,931	277,494	295,333	300,151	290,811
33	Other information services	184,489	208,242	233,194	295,171	320,466	344,130
34	Manufacturing	37,463	36,325	33,404	36,154	40,148	40,738
35	Jewelry and silverware manufacturing	7,223	7,164	6,229	7,380	8,210	8,296
36	Printed goods manufacturing	12,815	11,997	10,446	10,843	12,031	11,993
37	Musical instruments manufacturing	1,998	2,040	1,964	2,277	2,459	2,763
38	Custom architectural woodwork and metalwork manufacturing	9,057	8,649	8,156	8,610	9,964	10,153
39	Other goods manufacturing	6,369	6,474	6,609	7,045	7,484	7,534
40	Construction	28,970	29,946	28,532	28,161	31,779	36,373
41	NonACPSA-related production	40,034	41,115	39,531	44,454	51,527	54,035
42	Wholesale and transportation industries	80,203	82,106	80,336	95,839	107,810	100,948
43	Retail industries	70,144	71,919	77,392	97,102	97,614	103,262
44	All other industries¹	40,034	41,115	39,531	44,454	51,527	54,035

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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, 2023

	2023						Percent change, 2022–2023					
	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	5,395,370	553,893,510	1,147,747	118,319,600	4,087,582	420,599,886	0.3	3.6	4.2	4.2	-0.8	3.4
Alabama	61,167	3,408,051	7,638	539,197	51,332	2,698,180	5.8	9.1	4.5	8.9	6.2	9.2
Alaska	13,291	1,028,382	1,408	97,445	11,564	902,333	-4.0	-0.1	5.7	12.0	-5.3	-1.5
Arizona	95,294	7,331,564	19,203	1,551,544	72,753	5,490,909	5.1	8.2	4.5	9.9	5.4	7.8
Arkansas	32,906	2,019,270	5,917	447,822	25,612	1,470,619	7.5	9.0	3.2	8.6	8.8	9.4
California	821,183	136,233,148	180,556	26,426,628	622,369	107,866,770	-2.6	1.0	2.9	-2.8	-4.2	1.9
Colorado	121,228	10,535,225	(D)	(D)	92,572	7,848,894	3.6	4.6	5.2	6.4	3.2	4.0
Connecticut	53,421	5,924,413	(D)	(D)	37,827	4,452,755	-5.2	-1.0	4.6	3.4	-8.6	-2.5
Delaware	10,156	652,481	2,151	153,953	7,486	450,343	2.3	5.4	5.0	9.8	1.4	4.0
District of Columbia	50,307	9,986,618	13,628	2,303,759	36,136	7,602,893	-3.7	2.0	3.7	6.5	-6.3	0.7
Florida	307,615	24,346,037	66,479	5,915,110	230,679	17,521,919	5.5	8.3	6.6	10.1	5.2	7.6
Georgia	164,919	13,538,119	30,912	3,160,895	128,873	9,926,528	-5.0	-6.9	3.7	6.4	-7.1	-10.9
Hawaii	19,608	1,603,616	5,927	407,430	13,057	1,145,848	-6.6	-5.6	4.4	-0.3	-11.3	-7.8
Idaho	25,272	1,498,820	4,137	272,469	20,263	1,161,709	-3.3	2.9	8.8	11.5	-5.7	0.9
Illinois	226,407	19,925,651	(D)	(D)	168,055	14,401,886	0.6	0.7	3.7	3.1	-0.4	-0.3
Indiana	92,643	5,535,289	(D)	(D)	74,305	4,273,719	5.5	7.2	8.3	9.0	5.2	7.0
Iowa	48,290	2,711,102	7,503	472,166	39,165	2,111,331	3.1	2.0	2.2	4.7	3.4	1.2
Kansas	49,454	2,921,261	6,493	443,412	41,479	2,361,749	-0.6	3.3	5.3	7.4	-1.6	2.4
Kentucky	51,094	3,267,630	(D)	(D)	40,285	2,535,068	-2.2	4.4	(D)	(D)	-4.3	2.9
Louisiana	48,591	3,290,190	9,678	635,431	36,969	2,506,945	-5.3	-4.5	(D)	(D)	-8.5	-6.7
Maine	18,073	1,233,695	3,889	306,432	13,509	873,419	-6.3	1.4	4.6	10.6	-9.4	-1.7
Maryland	86,234	7,635,337	16,042	1,424,159	67,587	5,965,791	2.7	5.4	(D)	(D)	2.1	4.9
Massachusetts	130,263	15,678,925	40,481	3,895,050	86,013	11,326,345	-0.1	2.6	7.1	5.8	-3.2	1.6
Michigan	144,279	11,102,907	31,896	3,054,893	107,537	7,626,755	5.1	8.2	3.0	6.2	5.9	9.1
Minnesota	93,918	7,700,111	(D)	(D)	70,442	5,707,812	-2.6	2.1	(D)	(D)	-3.4	2.3
Mississippi	31,781	1,507,766	2,702	163,557	27,857	1,266,326	1.5	6.6	-2.4	2.3	1.9	7.3
Missouri	89,121	6,635,073	(D)	(D)	64,540	4,756,558	1.2	6.5	4.2	7.3	0.2	6.2
Montana	20,269	1,304,237	3,359	242,053	16,389	1,023,553	2.4	8.1	2.6	5.8	2.3	8.7
Nebraska	34,454	2,238,374	6,505	442,972	26,916	1,715,659	-6.5	-0.6	3.8	6.7	-9.0	-2.6
Nevada	46,761	4,448,569	10,718	1,255,669	34,376	3,058,342	4.0	12.7	12.0	20.7	1.8	10.0
New Hampshire	22,986	1,842,816	4,316	362,140	17,922	1,407,284	-4.4	0.5	0.7	5.4	-5.8	-0.9
New Jersey	148,377	14,583,038	27,184	2,659,300	116,654	11,440,169	-1.5	1.6	1.4	3.9	-2.3	0.9
New Mexico	28,153	1,929,569	3,813	270,332	23,500	1,598,122	5.3	4.5	4.8	7.2	5.5	3.9
New York	482,543	66,060,273	(D)	(D)	331,871	45,712,741	0.7	2.8	3.7	2.8	-0.6	2.7
North Carolina	167,254	12,594,938	29,260	2,580,981	132,926	9,583,447	7.6	12.0	7.0	13.0	8.0	11.9
North Dakota	14,852	903,335	1,813	110,483	12,605	756,416	-2.7	4.0	3.9	4.7	-3.7	3.7
Ohio	150,783	11,284,501	(D)	(D)	108,383	7,832,795	-2.3	0.7	4	8	-4.4	-2.1
Oklahoma	48,659	2,904,704	7,478	519,101	39,477	2,260,927	4.9	10.5	3.5	10.2	5.3	10.8
Oregon	70,137	6,144,755	14,106	1,206,604	53,960	4,758,272	7.3	11.6	(D)	(D)	9.4	15.1
Pennsylvania	189,700	14,567,696	46,944	3,672,864	136,283	10,303,850	1.0	0.2	(D)	(D)	-0.1	-2.3
Rhode Island	17,424	1,327,169	4,502	320,480	12,415	963,680	-0.3	4.3	6.0	9.1	-2.5	2.9
South Carolina	67,784	4,571,623	11,498	870,539	53,899	3,522,304	2.8	5.6	7	9	1.9	4.6
South Dakota	16,176	912,767	2,248	129,833	13,456	747,761	-3.0	3.4	1.1	6.3	-3.9	2.8
Tennessee	108,773	8,701,660	(D)	(D)	82,505	5,847,840	0.9	8.8	7	17	-0.9	5.7
Texas	360,964	31,967,212	77,257	7,029,697	269,351	23,582,668	-2.0	5.2	3.8	7.2	-3.8	4.5
Utah	69,047	5,136,965	14,301	948,949	53,090	4,053,700	4.6	9.4	5	7	4.5	10.1
Vermont	10,412	719,370	2,780	202,338	7,326	492,277	-3.8	3.6	7.8	8.6	-7.8	1.6
Virginia	117,878	10,640,769	23,981	2,208,678	89,872	8,049,858	2.1	7.9	(D)	(D)	1.5	8.0
Washington	190,684	33,413,731	(D)	(D)	164,850	30,894,125	0.6	12.5	(D)	(D)	0.1	13.0
West Virginia	18,145	984,177	1,708	90,075	15,715	840,265	1.1	5.5	5.3	8.2	0.6	5.1
Wisconsin	95,305	6,541,701	(D)	(D)	75,788	5,098,503	-5.4	-1.6	3.2	6.7	-7.4	-3.7
Wyoming	11,336	918,877	1,277	95,554	9,788	801,922	-4.5	1.9	0.0	3.1	-5.2	1.6

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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 9. Industry Contributions to Percent Change in Arts and Cultural Production Employment by State, 2023—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	0.3	0.10	0.07	0.02	0.12	0.22	0.04	0.10	0.08	0.04	0.05
Alabama	5.8	0.07	0.09	0.00	0.01	0.20	0.12	0.08	0.13	0.00	-0.15
Alaska	-4.0	0.00	0.06	0.01	-0.03	0.30	0.01	0.15	-0.01	(D)	-0.05
Arizona	5.1	0.11	0.31	0.02	0.22	0.29	-0.07	0.13	0.25	0.04	-0.39
Arkansas	7.5	0.03	0.11	0.00	0.10	0.15	-0.25	0.23	0.33	0.01	-0.11
California	-2.6	0.12	0.07	0.03	0.15	0.19	-0.02	0.04	-0.09	0.08	0.02
Colorado	3.6	0.11	0.14	0.00	0.24	0.21	0.08	0.15	0.33	0.05	-0.24
Connecticut	-5.2	0.14	-0.06	0.01	0.15	0.29	0.07	0.09	0.09	0.00	0.28
Delaware	2.3	0.01	0.29	0.01	0.22	0.19	0.01	-0.01	0.24	0.12	-0.05
District of Columbia	-3.7	0.05	0.16	0.05	0.01	0.24	0.01	0.11	-0.07	-0.04	0.41
Florida	5.5	0.14	0.12	0.04	0.17	0.23	0.16	0.15	0.22	0.01	0.17
Georgia	-5.0	0.07	0.07	0.00	0.10	0.18	0.18	0.13	0.03	0.04	-0.18
Hawaii	-6.6	(D)	0.05	(D)	-0.09	1.16	(D)	0.07	0.26	0.03	-0.40
Idaho	-3.3	0.13	0.27	0.00	0.14	0.05	0.11	0.24	0.13	0.05	0.16
Illinois	0.6	0.10	0.05	0.05	0.02	0.21	0.10	0.06	0.02	0.04	0.17
Indiana	5.5	0.03	0.06	0.01	0.06	0.31	0.12	0.09	0.19	0.00	0.42
Iowa	3.1	0.11	0.07	0.01	0.00	0.11	0.07	0.07	0.04	0.09	-0.22
Kansas	-0.6	0.04	0.04	0.01	0.01	0.15	0.32	0.06	0.00	0.02	0.00
Kentucky	-2.2	(D)	0.06	0.01	0.10	0.47	0.18	0.13	0.15	0.02	-0.16
Louisiana	-5.3	-0.01	0.06	0.00	1.13	(D)	0.11	0.04	0.08	-0.01	-0.75
Maine	-6.3	-0.03	-0.20	0.01	0.05	0.49	(D)	0.23	0.36	-0.02	-0.19
Maryland	2.7	0.13	0.21	0.02	0.18	0.07	0.11	0.02	(D)	0.01	0.10
Massachusetts	-0.1	0.09	0.10	0.01	0.10	0.23	-0.14	0.04	-0.13	0.08	1.68
Michigan	5.1	0.02	0.04	0.02	0.15	0.26	0.06	0.07	0.34	0.02	-0.32
Minnesota	-2.6	0.13	-0.02	0.00	0.06	0.12	-0.07	0.07	(D)	0.04	-0.36
Mississippi	1.5	0.02	0.02	0.00	0.00	-0.01	-0.02	0.05	0.03	0.02	-0.33
Missouri	1.2	0.10	0.12	0.00	0.13	0.14	0.01	0.15	0.04	-0.03	0.32
Montana	2.4	0.20	0.00	0.00	0.20	0.15	-0.11	-0.01	0.14	0.05	-0.19
Nebraska	-6.5	0.08	0.13	0.02	-0.03	(D)	0.01	0.05	(D)	0.06	-0.04
Nevada	4.0	0.37	0.75	0.02	1.04	0.35	0.09	0.11	0.02	0.00	-0.18
New Hampshire	-4.4	(D)	0.17	0.00	0.10	0.08	-0.06	0.04	0.18	0.06	-0.58
New Jersey	-1.5	0.01	0.09	0.02	0.03	0.11	0.24	0.10	-0.04	0.05	-0.36
New Mexico	5.3	0.13	0.20	0.00	0.02	0.23	0.12	0.15	0.02	-0.02	-0.19
New York	0.7	0.13	0.05	0.05	0.11	0.28	-0.18	0.05	0.07	0.04	0.47
North Carolina	7.6	0.04	0.09	0.03	0.14	0.13	0.21	0.18	0.19	0.07	0.16
North Dakota	-2.7	-0.01	0.09	0.01	(D)	0.22	0.12	0.05	-0.07	0.01	-0.27
Ohio	-2.3	0.07	0.06	0.01	0.16	0.37	0.08	0.11	0.00	0.07	-0.13
Oklahoma	4.9	(D)	0.00	0.01	0.06	(D)	0.19	0.08	0.15	0.01	-0.21
Oregon	7.3	0.08	0.03	0.01	-0.12	(D)	-0.05	-0.01	0.01	0.08	-0.06
Pennsylvania	1.0	0.09	0.08	0.01	-0.07	0.21	-0.05	0.16	(D)	0.04	0.46
Rhode Island	-0.3	(D)	-0.11	0.01	0.01	0.41	0.13	0.14	0.10	(D)	0.77
South Carolina	2.8	0.11	-0.05	0.02	0.05	0.21	0.29	0.08	0.35	-0.04	0.10
South Dakota	-3.0	(D)	-0.03	0.01	0.23	0.05	0.04	0.09	(D)	0.00	-0.43
Tennessee	0.9	0.17	0.03	0.10	0.18	0.26	0.15	0.20	0.20	0.03	0.12
Texas	-2.0	0.07	0.02	0.01	0.14	0.23	0.08	0.26	0.21	0.04	-0.29
Utah	4.6	0.26	0.03	0.01	0.19	0.14	0.15	0.03	0.08	-0.02	0.21
Vermont	-3.8	0.06	0.00	0.03	0.16	0.19	0.20	0.09	0.30	0.10	0.74
Virginia	2.1	0.12	0.03	0.02	0.14	0.19	-0.02	0.12	(D)	0.06	0.05
Washington	0.6	(D)	0.06	0.01	0.03	0.24	0.05	-0.06	0.03	0.06	-0.13
West Virginia	1.1	-0.15	-0.02	(D)	(D)	0.11	0.17	0.03	0.09	0.02	0.15
Wisconsin	-5.4	0.08	0.03	0.01	0.03	0.17	0.17	0.11	0.17	0.03	-0.29
Wyoming	-4.5	(D)	0.00	0.02	-0.08	0.11	0.12	0.03	(D)	-0.03	-0.16

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Table 9. Industry Contributions to Percent Change in Arts and Cultural Production Employment by State, 2023—Table Ends

	Percentage points												All other industries
	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	0.02	0.47	0.04	-0.05	-1.09	-0.06	-0.15	-0.08	-0.03	0.08	-0.10	0.35	0.08
Alabama	0.00	4.84	0.00	-0.29	0.12	-0.01	-0.21	-0.08	0.06	0.24	-0.02	0.51	0.12
Alaska	0.00	-4.75	0.07	(D)	-0.12	0.00	-0.66	-0.01	0.01	0.33	0.19	0.32	0.08
Arizona	0.02	2.75	-0.02	0.25	0.36	0.00	-0.56	-0.29	-0.02	0.92	-0.05	0.74	0.10
Arkansas	0.01	3.40	(D)	-0.06	-0.08	(D)	0.13	0.00	-0.13	2.32	0.16	1.01	0.11
California	0.00	1.72	0.03	-0.15	-3.84	-0.09	0.33	-0.50	-0.04	-0.31	-0.32	-0.01	0.03
Colorado	0.05	3.04	0.01	-0.24	0.03	-0.02	-0.78	-0.21	-0.08	0.38	-0.13	0.38	0.07
Connecticut	(D)	-4.10	0.03	-0.04	-0.23	0.00	-0.48	-0.20	(D)	-1.80	0.12	0.29	(D)
Delaware	0.12	3.05	(D)	-0.06	0.36	-0.04	(D)	(D)	-0.03	-2.01	0.08	0.90	0.18
District of Columbia	0.02	-3.13	0.21	-0.34	-0.06	0.01	-0.53	-0.58	0.00	-0.15	-0.07	0.00	0.03
Florida	0.06	3.37	0.01	(D)	0.13	-0.12	-0.27	0.19	0.06	-0.11	-0.03	(D)	0.13
Georgia	0.00	-0.92	0.01	-0.33	-3.64	-0.08	-0.77	-0.05	-0.02	-0.32	0.20	0.24	0.08
Hawaii	0.04	-0.35	0.04	0.06	-2.31	0.00	-0.23	0.03	0.04	-4.96	(D)	0.16	0.09
Idaho	0.00	-2.21	0.04	0.00	0.21	-0.02	-0.01	-0.40	0.00	-2.08	0.21	-0.47	0.10
Illinois	0.04	1.18	0.11	-0.14	-0.18	-0.08	-0.49	-0.40	-0.03	-0.35	-0.07	0.13	0.06
Indiana	0.02	5.21	0.04	-0.11	-0.09	-0.05	-0.26	0.00	-0.08	-0.68	-0.40	0.54	0.07
Iowa	0.00	-0.75	0.00	-0.31	0.03	(D)	-0.17	0.02	(D)	3.58	-0.09	0.51	0.06
Kansas	0.04	-2.69	0.05	-0.04	-0.04	(D)	0.07	-0.10	(D)	1.13	-0.20	0.43	0.07
Kentucky	0.03	-4.26	0.16	0.49	0.06	(D)	-0.17	0.15	(D)	-0.94	0.01	1.13	(D)
Louisiana	0.11	-2.78	0.02	-0.02	-6.71	0.01	-0.37	-0.03	0.08	3.01	-0.33	0.33	(D)
Maine	0.01	-4.71	-0.01	0.43	-0.06	-0.02	-0.11	-0.03	(D)	-3.16	(D)	0.66	0.08
Maryland	0.05	3.86	0.05	-0.22	-0.18	-0.04	-0.53	0.04	-0.07	-1.91	0.15	0.43	(D)
Massachusetts	0.01	-0.46	-0.01	-0.01	(D)	-0.05	-0.44	-0.35	(D)	-0.09	-0.17	0.06	0.05
Michigan	0.01	3.12	0.08	0.09	0.28	0.00	-0.25	-0.35	-0.04	0.85	-0.01	0.55	0.08
Minnesota	0.01	-3.11	0.06	-0.21	0.07	-0.07	-0.22	0.00	-0.04	0.49	0.22	0.27	(D)
Mississippi	-0.12	1.22	0.01	0.18	-0.33	-0.02	-0.60	0.03	0.36	-0.30	0.06	1.15	0.06
Missouri	0.03	-1.69	0.02	0.05	0.18	-0.03	-0.72	-0.04	-0.06	1.87	-0.04	0.60	0.09
Montana	0.00	0.42	0.01	-0.19	-0.47	-0.02	-0.30	0.04	-0.01	1.58	0.32	0.52	0.07
Nebraska	(D)	-4.41	-0.01	-0.43	0.04	0.00	-0.47	-0.33	0.27	-3.13	1.31	-0.07	0.08
Nevada	(D)	-1.96	0.09	0.84	0.26	0.09	-0.33	0.04	(D)	1.73	-0.06	0.34	0.11
New Hampshire	0.05	-7.62	0.06	-0.50	0.11	-0.02	-0.38	0.04	(D)	4.09	-0.25	-0.06	0.07
New Jersey	0.01	-1.86	0.04	0.18	-0.43	-0.02	-0.07	0.38	-0.02	0.04	0.03	-0.13	0.07
New Mexico	0.05	5.73	0.04	-0.05	(D)	(D)	-0.21	-0.04	(D)	1.02	-0.45	0.94	0.10
New York	0.00	1.73	0.04	-0.22	-2.68	-0.12	0.85	0.16	-0.04	-0.14	-0.04	0.04	0.07
North Carolina	0.02	5.14	0.02	0.33	0.04	-0.05	-0.14	(D)	(D)	0.31	-0.09	0.52	0.10
North Dakota	0.06	-3.52	0.06	-0.34	0.01	(D)	(D)	-0.06	(D)	1.23	(D)	0.51	0.09
Ohio	0.02	-1.96	0.05	0.03	-0.03	-0.01	-0.86	-0.52	-0.16	-0.11	-0.16	0.51	0.08
Oklahoma	0.03	0.49	0.08	0.08	0.31	-0.01	-0.48	-0.20	-0.11	3.57	-0.37	0.89	0.12
Oregon	(D)	5.34	0.05	-0.20	(D)	-0.03	-0.38	0.39	-0.07	1.55	-0.09	0.32	(D)
Pennsylvania	0.01	0.06	0.05	0.05	-0.41	-0.03	-0.37	0.09	-0.02	0.26	-0.17	0.38	(D)
Rhode Island	0.02	1.76	0.01	0.11	-0.33	-0.01	-0.19	0.07	-0.93	-2.24	(D)	0.10	0.05
South Carolina	0.03	1.98	0.08	0.03	-0.22	-0.04	-0.87	-0.01	-0.06	-0.70	-0.29	1.60	0.12
South Dakota	-0.01	-3.28	0.05	-0.15	-0.08	-0.05	-0.37	0.06	0.00	-0.01	(D)	0.64	0.07
Tennessee	0.08	-0.54	0.02	0.20	-0.38	-0.35	-0.03	-0.01	-0.07	0.13	-0.23	0.52	0.09
Texas	0.05	-3.21	0.02	0.06	-0.13	-0.02	-0.19	0.10	0.04	0.12	-0.34	0.63	0.15
Utah	0.00	4.52	-0.03	-0.56	-0.47	0.03	-0.34	-0.49	0.09	1.12	-0.12	-0.28	0.07
Vermont	(D)	-3.55	0.05	0.20	-0.31	-0.05	-0.06	-0.01	(D)	-1.89	-0.21	0.39	0.07
Virginia	0.02	1.04	0.06	-0.03	0.29	-0.02	-0.55	-0.21	-0.05	0.15	0.02	0.44	(D)
Washington	0.01	-1.70	0.04	-0.16	(D)	-0.03	-0.45	0.70	-0.02	0.96	0.11	(D)	(D)
West Virginia	0.03	-0.37	0.04	-0.02	-0.12	0.01	(D)	-0.16	-0.29	0.08	(D)	0.86	0.11
Wisconsin	0.01	-5.64	0.04	0.30	0.02	-0.04	-0.15	0.08	-0.28	-1.09	0.10	0.65	0.06
Wyoming	-0.02	-6.76	(D)	0.04	-0.05	(D)	(D)	0.20	-0.01	1.82	0.00	0.42	0.06

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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>

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

[Percentage points]

Line	ACPSA industry description	2018	2019	2020	2021	2022	2023
1	Total industries' percent change	4.81	3.15	-2.51	12.31	6.43	3.25
2	Core arts and cultural production	1.28	1.15	-2.98	3.11	2.94	0.49
3	Performing arts	0.49	0.43	-2.59	1.76	1.96	-0.13
4	Performing arts companies	0.03	0.07	-0.57	-0.03	0.31	0.22
5	Promoters of performing arts and similar events	0.14	0.17	-1.09	0.63	1.00	0.30
6	Agents/managers for artists	0.03	0.02	-0.12	0.14	0.08	0.00
7	Independent artists, writers, and performers	0.28	0.18	-0.81	1.02	0.56	-0.65
8	Museums	0.04	0.07	-0.14	0.04	-0.13	0.03
9	Design services	0.72	0.61	-0.15	1.27	0.91	0.50
10	Advertising	0.35	0.22	0.03	0.46	0.24	0.31
11	Architectural services	0.15	0.15	-0.06	0.22	0.17	0.05
12	Landscape architectural services	0.03	0.02	0.01	0.02	0.04	0.01
13	Interior design services	0.12	0.08	0.01	0.29	0.15	0.06
14	Industrial design services	0.00	0.02	0.02	0.03	0.01	0.01
15	Graphic design services	-0.01	0.06	0.00	0.13	0.11	0.04
16	Computer systems design	0.02	0.01	0.00	0.01	0.10	0.02
17	Photography and photofinishing services	0.06	0.05	-0.17	0.10	0.10	0.01
18	All other design services	0.00	0.01	-0.01	0.02	0.02	0.01
19	Fine arts education	0.05	0.03	-0.10	0.07	0.16	0.07
20	Education services	-0.01	0.00	0.00	-0.02	0.04	0.01
21	Supporting arts and cultural production	3.50	1.95	0.58	9.05	3.30	2.68
22	Art support services	0.11	0.51	0.35	0.78	0.85	0.27
23	Rental and leasing	0.03	0.00	-0.10	0.05	0.01	0.03
24	Grantmaking and giving services	0.00	0.01	-0.02	0.02	0.01	0.01
25	Unions	0.00	0.00	0.00	0.00	0.00	0.01
26	Government	0.08	0.49	0.52	0.69	0.79	0.20
27	Other support services	0.01	0.01	-0.05	0.03	0.04	0.01
28	Information services	3.05	1.63	0.51	7.09	2.91	2.41
29	Publishing	0.23	0.20	0.23	1.00	0.91	0.40
30	Motion pictures	0.52	0.17	-1.28	1.07	0.93	0.47
31	Sound recording	0.15	0.18	0.09	0.22	0.19	0.00
32	Broadcasting	0.21	-0.38	-0.06	1.05	-0.23	-0.18
33	Other information services	1.94	1.46	1.51	3.74	1.12	1.72
34	Manufacturing	-0.09	-0.13	-0.22	0.03	-0.01	-0.06
35	Jewelry and silverware manufacturing	-0.01	-0.02	-0.08	0.06	0.02	-0.02
36	Printed goods manufacturing	-0.05	-0.08	-0.11	0.00	-0.02	-0.03
37	Musical instruments manufacturing	0.00	0.00	-0.01	0.01	0.00	0.01
38	Custom architectural woodwork and metalwork manufacturing	-0.04	-0.04	-0.04	-0.04	-0.02	-0.01
39	Other goods manufacturing	0.01	0.01	0.01	0.00	0.00	-0.01
40	Construction	0.08	-0.04	-0.14	-0.10	-0.04	0.12
41	NonACPSA-related production	0.03	0.05	-0.11	0.15	0.19	0.08
42	Wholesale and transportation industries	0.10	-0.06	-0.07	0.54	0.03	-0.41
43	Retail industries	0.24	0.04	0.15	0.70	-0.44	0.35
44	All other industries¹	0.03	0.05	-0.11	0.15	0.19	0.08

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

[Percentage points]

Line	ACPSA industry description	2018	2019	2020	2021	2022	2023
1	Total industries' percent change	2.43	4.28	-1.66	11.12	3.79	6.60
2	Core arts and cultural production	1.55	0.88	-2.51	2.40	2.60	1.23
3	Performing arts	0.55	0.25	-2.31	0.84	1.60	0.28
4	Performing arts companies	0.02	-0.01	-0.57	-0.40	0.34	0.37
5	Promoters of performing arts and similar events	0.12	0.09	-0.88	0.23	0.82	0.42
6	Agents/managers for artists	0.04	0.02	-0.11	0.10	0.10	0.01
7	Independent artists, writers, and performers	0.37	0.15	-0.74	0.92	0.33	-0.52
8	Museums	0.06	0.01	0.02	-0.25	-0.13	0.17
9	Design services	0.90	0.58	-0.11	1.79	0.92	0.78
10	Advertising	0.32	0.08	0.17	0.68	0.24	0.45
11	Architectural services	0.20	0.23	-0.17	0.29	0.25	0.10
12	Landscape architectural services	0.02	0.03	-0.04	0.06	0.07	0.02
13	Interior design services	0.19	0.07	0.05	0.36	0.13	0.13
14	Industrial design services	0.01	0.02	0.03	0.05	-0.01	0.02
15	Graphic design services	0.02	0.04	0.01	0.18	0.06	0.06
16	Computer systems design	0.03	0.03	0.00	0.02	0.13	0.03
17	Photography and photofinishing services	0.12	0.08	-0.16	0.15	0.04	-0.02
18	All other design services	0.01	0.01	-0.02	0.05	0.03	0.01
19	Fine arts education	0.05	0.02	-0.13	0.05	0.18	-0.01
20	Education services	-0.01	0.01	0.01	-0.03	0.02	0.01
21	Supporting arts and cultural production	0.85	3.33	0.93	8.55	0.99	5.32
22	Art support services	0.03	0.50	0.00	0.34	0.79	0.56
23	Rental and leasing	0.01	-0.01	-0.12	-0.03	0.00	0.01
24	Grantmaking and giving services	0.00	0.01	-0.02	0.02	0.01	0.00
25	Unions	0.00	0.00	0.00	0.00	0.00	0.01
26	Government	0.01	0.49	0.18	0.34	0.76	0.53
27	Other support services	0.01	0.00	-0.04	0.02	0.04	0.01
28	Information services	0.49	2.85	1.13	7.54	1.25	4.41
29	Publishing	0.44	1.05	0.55	1.80	0.39	1.01
30	Motion pictures	-0.58	-0.44	-1.35	1.56	1.24	0.22
31	Sound recording	0.05	0.06	0.19	0.30	0.36	-0.02
32	Broadcasting	-0.04	-0.10	-0.17	0.99	-0.40	0.45
33	Other information services	0.62	2.28	1.90	2.88	-0.33	2.76
34	Manufacturing	0.00	-0.06	-0.19	0.22	-0.09	-0.11
35	Jewelry and silverware manufacturing	0.01	-0.01	-0.05	0.09	0.04	0.05
36	Printed goods manufacturing	0.00	-0.05	-0.12	0.04	-0.05	-0.07
37	Musical instruments manufacturing	0.00	0.00	0.00	0.02	0.00	0.01
38	Custom architectural woodwork and metalwork manufacturing	-0.01	-0.04	-0.04	0.02	-0.08	-0.07
39	Other goods manufacturing	0.01	0.03	0.02	0.05	0.00	-0.04
40	Construction	0.10	-0.06	-0.25	0.04	-0.05	-0.11
41	NonACPSA-related production	0.04	0.07	-0.08	0.17	0.20	0.06
42	Wholesale and transportation industries	-0.02	-0.03	0.19	0.09	-0.22	-0.19
43	Retail industries	0.24	0.13	0.07	0.32	-0.69	0.76
44	All other industries¹	0.04	0.07	-0.08	0.17	0.20	0.06

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