

News Release

EMBARGOED UNTIL RELEASE AT 10:00 A.M. EDT, Tuesday, March 15, 2022

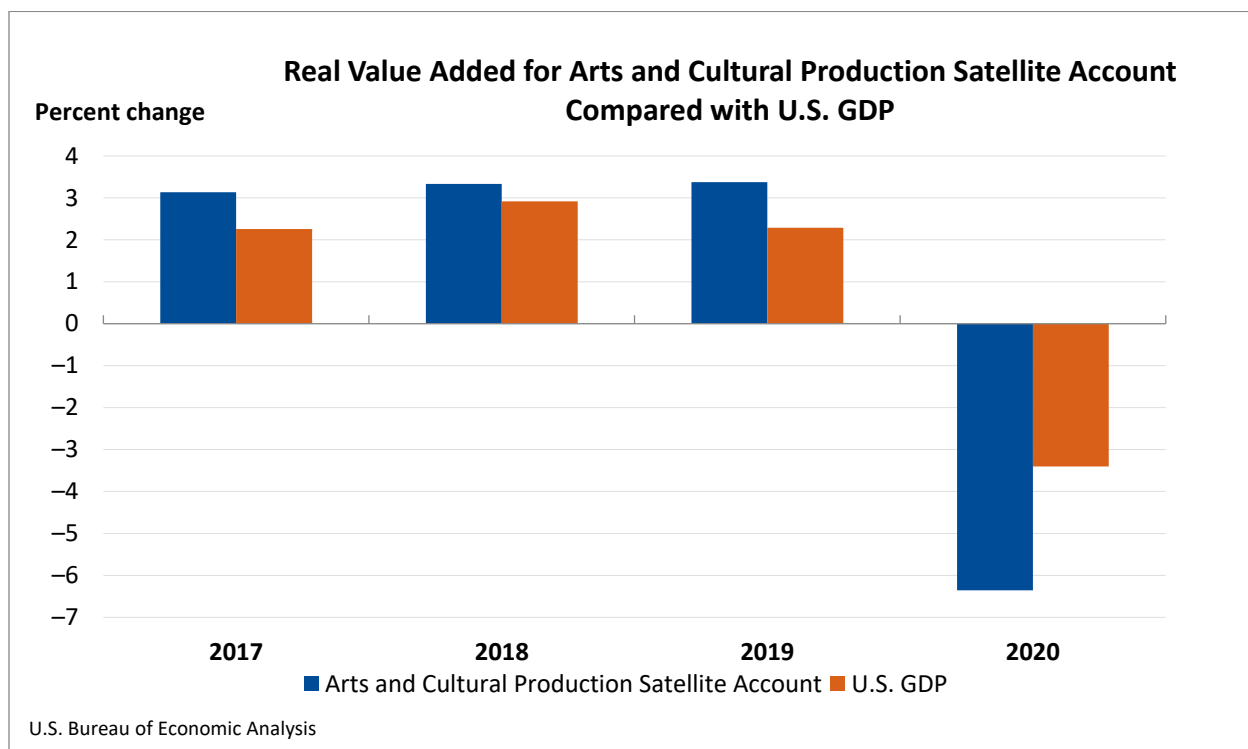
BEA 22-09

Technical:	Kenneth Beatty (National)	(301) 278-9572	ArtsandCulture@bea.gov
	Clifford Woodruff (Regional)	(301) 278-9234	
Media:	Jeannine Aversa	(301) 278-9003	Jeannine.Aversa@bea.gov

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

New statistics for 2020; prior years 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, decreased 6.4 percent in 2020 after increasing 3.4 percent in 2019 (table 1). Arts and cultural economic activity accounted for 4.2 percent of gross domestic product (GDP), or \$876.7 billion, in 2020 (tables 2 and 3).

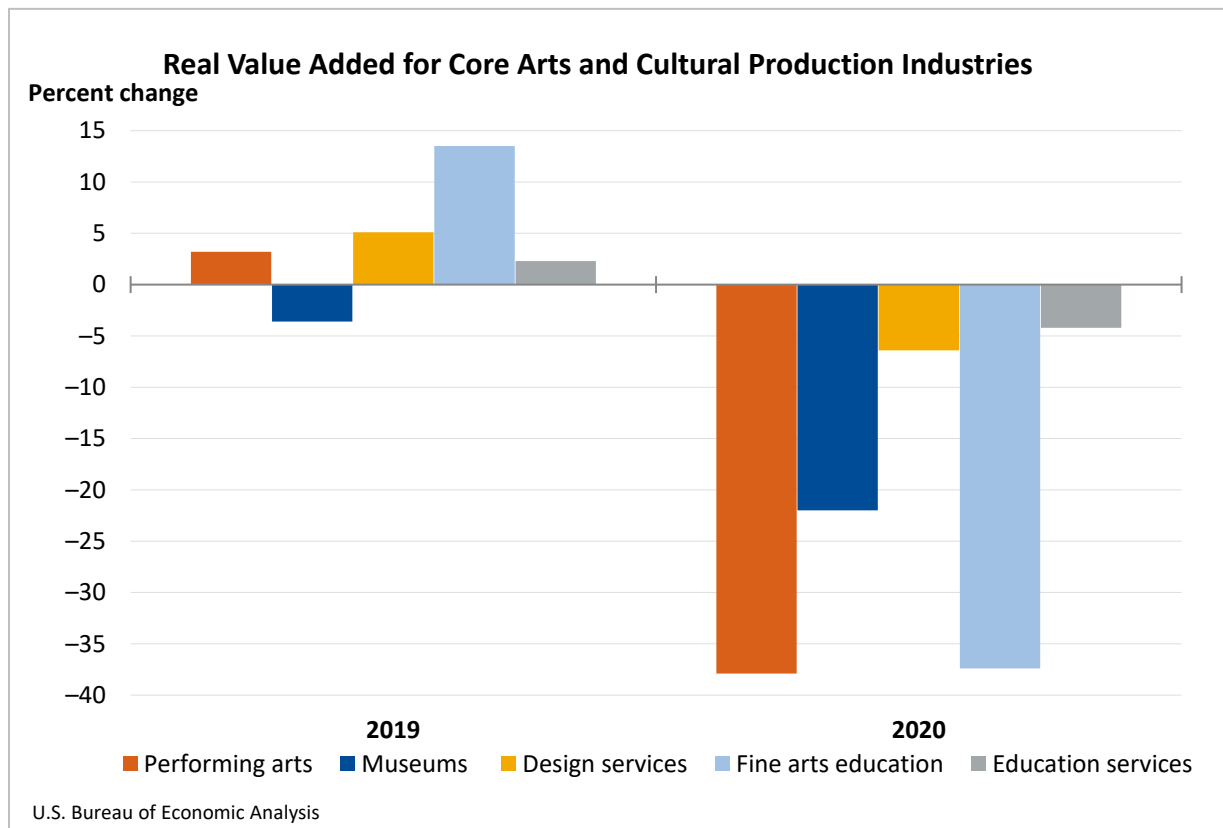


Core arts and cultural production industries, which includes performing arts, museums, design services, fine arts education, and education services, decreased 20.6 percent, adjusted for inflation, in 2020. Supporting arts and cultural production industries, which includes art support services and information services, decreased 1.9 percent in 2020 (table 1).

COVID-19 Impact on the 2020 Arts and Cultural Production Statistics

Arts and cultural production estimates were impacted by the response to the spread of COVID-19, as governments issued and lifted "stay-at-home" orders. This led to rapid changes in demand as consumers canceled, restricted, or redirected their spending. The U.S. government passed several laws to support and sustain businesses and individuals through the pandemic. The full economic effects of the COVID-19 pandemic cannot be quantified in the arts and cultural production estimates for 2020, because the impacts are generally embedded in source data and cannot be separately identified. For more information, see [Federal Recovery Programs and BEA Statistics](#).

- For performing arts, real value added decreased 37.9 percent in 2020 after increasing 3.2 percent in 2019. The leading contributor to the decrease was promoters of performing arts and similar events, which decreased 72.8 percent in 2020 after increasing 2.1 percent in 2019.
- Museums decreased 22.0 percent in 2020 after decreasing 3.6 percent in 2019.
- Design services decreased 6.4 percent in 2020 after increasing 5.1 percent in 2019.
- Fine arts education decreased 37.4 percent in 2020 after increasing 13.5 percent in 2019.
- Education services decreased 4.2 percent in 2020 after increasing 2.3 percent in 2019.



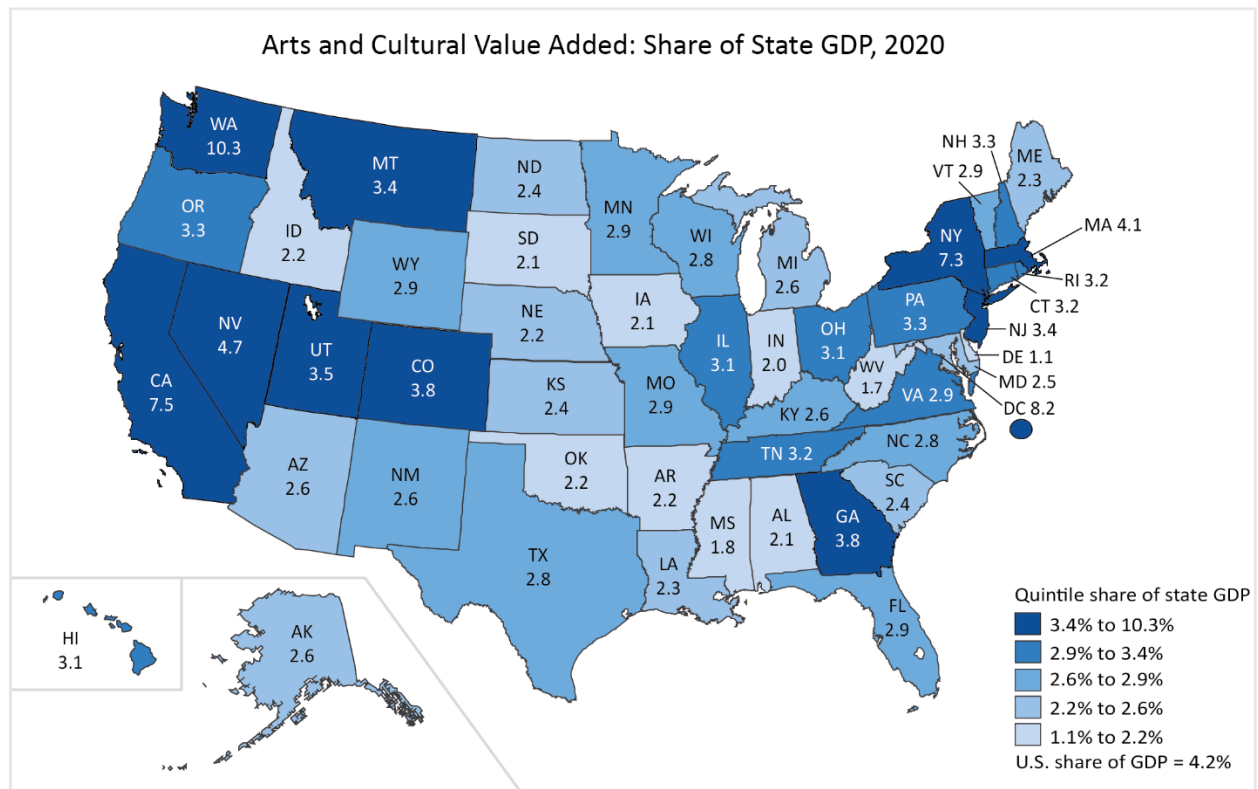
Nominal value added

Nominal value added (not adjusted for inflation) decreased 5.8 percent nationally in 2020 (table 2). The leading contributor to the decrease was core arts and cultural production industries (table 4). Core arts and cultural production industries decreased 19.6 percent, to a level of \$167.8 billion; the leading contributor to the decrease was performing arts, which includes independent artists, writers, and performers. Supporting arts and cultural industries decreased 1.5 percent in 2020, to a level of \$689.0 billion; the leading contributors to the decrease were wholesale and transportation industries as well as information services.

In 2020, nominal value added in arts and cultural industries decreased in every state and the District of Columbia except Washington. The percent change in value added in arts and cultural industries across all states ranged from 9.4 percent in Washington to -22.1 percent in Nevada (table 2).

In Washington, the only state with an increase in value added, other information services and retail industries were the leading contributors to the increase in value added (table 4). Construction was the leading contributor to the decrease in value added in Nevada.

For states and the District of Columbia, the arts and cultural share of their total GDP ranged from 10.3 percent in Washington to 1.1 percent in Delaware (table 3). The share for most states ranged between 2 and 5 percent. Washington, the District of Columbia, California, and New York were the areas where the arts and culture share of total GDP exceeded 5 percent.

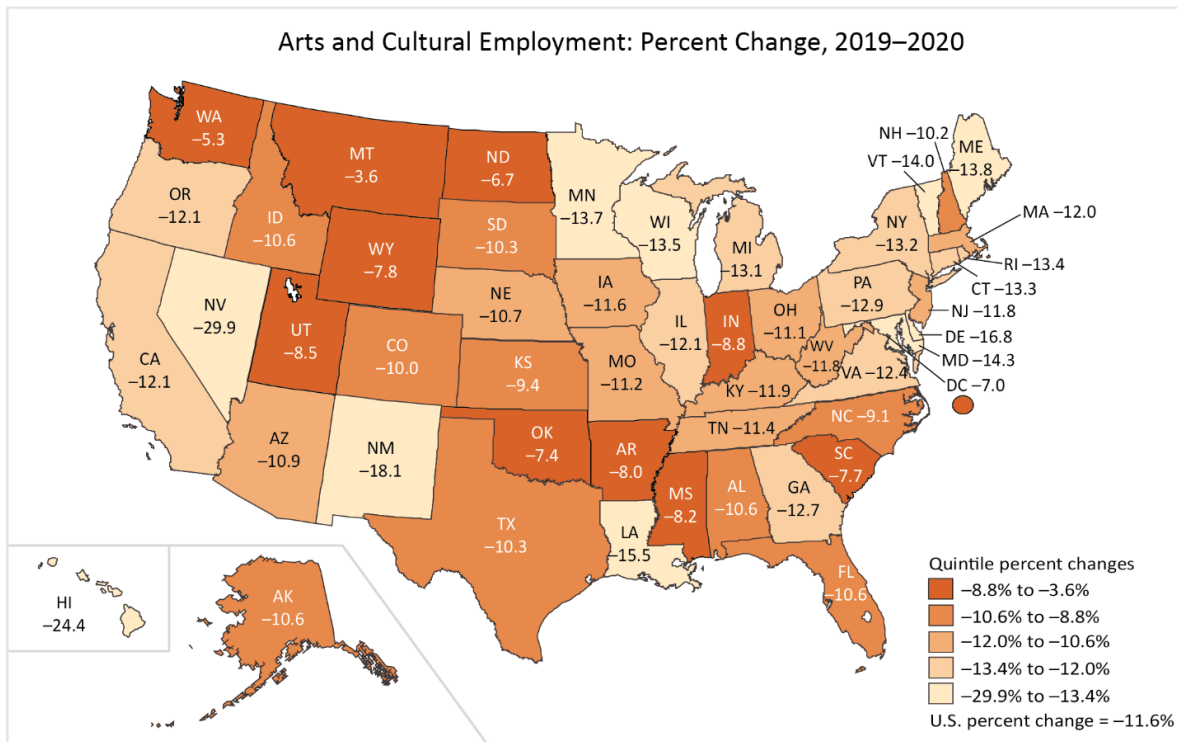


The top arts and cultural industries varied among the states. In Washington, publishing and other information services were the leading contributors to the share of total state GDP (table 3). Government and broadcasting were the leading contributors to the share of GDP in the District of Columbia, while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

Employment

Arts and cultural employment nationwide decreased 11.6 percent in 2020 (table 8). The total number of arts and cultural jobs for the nation was 4.6 million. Arts and cultural employment decreased in all 50 states and the District of Columbia. The percent change in arts and cultural employment across all states ranged from -3.6 percent in Montana to -29.9 percent in Nevada.

Montana had 15,230 jobs related to arts and culture, representing 3.1 percent of all jobs in the state. Contributions from the construction industry mitigated the impact from declines in other arts and cultural industries in Montana (table 9). In Nevada, construction was the leading contributor to the decrease in arts and cultural employment.



U.S. Bureau of Economic Analysis

Compensation

Arts and cultural compensation nationwide decreased 0.2 percent in 2020 (table 8). Arts and cultural compensation increased in 13 states and the District of Columbia and was unchanged in 2 states. The percent change in arts and cultural compensation across all states ranged from 9.7 percent in Washington to -26.1 percent in Nevada.

Update to 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 1999 to 2019, with new statistics for 2020, and updated state-level statistics on value added, employment, and compensation from 2001 to 2019, with new statistics for 2020. These revised and newly available statistics primarily reflect the incorporation of revised and newly available source data. Combined with new and revised arts and cultural production-specific source data, these improvements allow the arts and cultural production statistics to more accurately capture the dynamics of this sector. With this release, the arts and cultural production statistics reflect the incorporation of the 2021 annual updates of BEA's National and Regional Economic Accounts.

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

Additional Information

Resources

- Information on COVID-19 and recovery impacts is available on our [website](#).
- Stay informed about BEA developments by reading [The BEA Wire](#), signing up for BEA's [email subscription service](#), or following BEA on Twitter [@BEA_News](#).
- For more on BEA's statistics, see our monthly online journal, the [Survey of Current Business](#).
- The time series of detailed annual statistics for 1998 through 2020 are available at [Arts and Culture](#).
- Access BEA data by registering for BEA's Data [Application Programming Interface](#).
- For upcoming economic indicators, see BEA's [news release schedule](#).
- For more information on the Arts and Cultural Production Satellite Account, including an overview, concepts, and methodology, see "[U.S. Arts and Cultural Production Satellite Account, 1998–2012](#)."

Definitions

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

Culture can be defined in a variety of ways, including language, traditions, beliefs, and values. For this account, arts and cultural production is defined narrowly to include creative artistic activity—the goods and services produced by it, the goods and services produced in support of it, and the construction of buildings in which it takes place.

The input-output table is a valuable tool to identify and estimate the value of the "creative chain." This chain captures the economic value of the creation of a cultural product (composing a symphony) from its production (the performance being recorded in a studio), distribution (by various modes), and final consumption (by the listener).

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

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

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

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

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

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

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

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

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

Statistical conventions

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

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

List of News Release Tables

- Table 1. Real Value Added by Arts and Cultural Production Industry: Percent Change from Preceding Period
- Table 2. Arts and Cultural Production Value Added by State, 2020
- Table 3. Industry Contributions to the Arts and Cultural Production Share of GDP, 2020
- Table 4. Industry Contributions to Percent Change in Value Added of Arts and Cultural Production, 2020
- Table 5. Real Gross Output by Arts and Cultural Production Commodity: Percent Change from Preceding Period
- Table 6. Real Gross Output by Arts and Cultural Production Commodity
- Table 7. Nominal Gross Output by Arts and Cultural Production Industry
- Table 8. Arts and Cultural Production Employment and Compensation by State, 2020
- Table 9. Industry Contributions to Percent Change in Arts and Cultural Production Employment, 2020
- Table 10. Real Gross Output Contributions by Arts and Cultural Production Industry
- Table 11. Real Value-Added Contributions by Arts and Cultural Production Industry

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

Line	ACPSA industry description	2016	2017	2018	2019	2020
1	Total	3.6	3.1	3.3	3.4	-6.4
2	Core arts and cultural production	2.5	3.4	6.9	4.0	-20.6
3	Performing arts	3.1	3.2	6.2	3.2	-37.9
4	Performing arts companies	8.7	-1.1	1.6	1.0	-50.9
5	Promoters of performing arts and similar events	7.4	3.6	5.8	2.1	-72.8
6	Agents/managers for artists	6.3	-0.9	7.0	6.7	-33.9
7	Independent artists, writers, and performers	-0.9	5.3	7.9	3.9	-20.6
8	Museums	7.8	1.6	6.8	-3.6	-22.0
9	Design services	1.6	3.9	7.8	5.1	-6.4
10	Advertising	6.1	5.3	9.0	4.0	-4.8
11	Architectural services	0.6	4.4	7.3	8.8	-0.5
12	Landscape architectural services	-0.8	8.6	7.5	6.8	0.6
13	Interior design services	-2.5	-1.4	10.5	3.6	-21.2
14	Industrial design services	-8.3	6.9	-0.5	7.3	-19.4
15	Graphic design services	-2.3	-2.6	-1.9	7.0	-16.5
16	Computer systems design	11.5	13.2	13.1	6.0	-0.4
17	Photography and photofinishing services	-3.0	5.8	10.9	-0.9	1.2
18	All other design services	0.0	1.3	3.2	5.6	-21.2
19	Fine arts education	3.4	4.9	10.1	13.5	-37.4
20	Education services	2.4	-0.6	2.3	2.3	-4.2
21	Supporting arts and cultural production	3.9	3.3	2.4	3.3	-1.9
22	Art support services	0.9	0.9	0.6	0.3	-2.7
23	Rental and leasing	4.4	-3.1	3.3	2.3	-17.6
24	Grantmaking and giving services	-2.9	3.7	-2.4	2.5	-14.0
25	Unions	0.0	2.9	2.1	4.9	-19.3
26	Government	0.8	1.0	0.4	0.2	-1.4
27	Other support services	5.7	17.0	11.1	-13.9
28	Information services	5.3	3.4	3.1	5.0	0.2
29	Publishing	3.5	8.5	7.8	4.1	0.7
30	Motion pictures	3.0	-0.2	-9.6	-0.8	-17.9
31	Sound recording	6.4	7.0	-2.9	14.0	-20.2
32	Broadcasting	3.3	-0.3	-1.6	-0.6	-1.5
33	Other information services	12.8	7.8	18.6	17.0	14.3
34	Manufacturing	1.4	-0.5	4.2	-6.2	-10.9
35	Jewelry and silverware manufacturing	7.1	1.4	12.7	-16.6	-5.7
36	Printed goods manufacturing	0.2	-1.4	-1.2	-2.9	-12.4
37	Musical instruments manufacturing	20.2	3.4	4.2	-8.1	-21.1
38	Custom architectural woodwork and metalwork manufacturing	3.9	-0.1	1.5	-3.4	-20.7
39	Other goods manufacturing	-8.1	-1.9	10.3	-3.7	1.7
40	Construction	3.4	11.0	-2.4	0.8	-24.3
41	NonACPSA-related production	1.4	-2.4	1.4	0.3	-11.7
42	Wholesale and transportation industries	0.8	5.2	-0.8	-1.3	-8.6
43	Retail industries	3.2	5.5	3.8	3.7	-3.4
44	All other industries¹	1.4	-2.4	1.4	0.3	-11.7

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

Source. U.S. Bureau of Economic Analysis

Table 2. Arts and Cultural Production Value Added by State, 2020

	Thousands of dollars			Percent change, 2019–2020		
	Total arts and cultural production industries ¹	Core arts and cultural production industries	Supporting arts and cultural production industries	Total arts and cultural production industries ¹	Core arts and cultural production industries	Supporting arts and cultural production industries
United States	876,664,978	167,763,593	689,043,177	-5.8	-19.6	-1.5
Alabama	4,844,744	705,380	3,901,005	-6.5	-14.4	-4.6
Alaska	1,280,691	105,452	1,136,589	-4.6	-16.6	-3.0
Arizona	9,645,807	1,912,611	7,368,650	-5.8	-18.5	-1.7
Arkansas	2,815,191	522,812	2,140,824	-3.4	-9.9	-1.1
California	225,046,125	48,238,295	174,423,314	-4.9	-18.5	-0.2
Colorado	14,420,480	2,965,323	11,081,075	-5.5	-17.4	-1.5
Connecticut	8,935,532	1,718,880	6,943,045	-6.0	-17.2	-2.5
Delaware	860,344	172,499	616,066	-10.0	-16.0	-8.2
District of Columbia	11,889,637	2,811,982	8,985,393	-3.1	-19.0	3.4
Florida	32,468,108	7,991,473	23,342,629	-8.9	-19.9	-4.3
Georgia	23,780,196	4,570,407	18,601,779	-9.9	-19.0	-7.4
Hawaii	2,568,639	563,482	1,939,891	-18.6	-33.6	-13.0
Idaho	1,856,891	323,323	1,448,482	-5.5	-5.1	-5.5
Illinois	26,556,031	6,751,628	18,931,222	-8.9	-17.8	-5.1
Indiana	7,634,407	1,313,161	5,927,042	-5.4	-14.7	-2.7
Iowa	4,166,118	632,374	3,325,498	-7.7	-14.0	-6.2
Kansas	4,183,887	587,040	3,407,576	-5.4	-14.7	-3.3
Kentucky	5,623,270	715,085	4,674,822	-7.1	-17.5	-5.1
Louisiana	5,458,295	909,175	4,295,822	-17.3	-25.1	-15.7
Maine	1,607,158	393,321	1,143,896	-5.2	-18.7	0.8
Maryland	10,167,064	1,896,449	7,909,764	-7.7	-18.7	-4.4
Massachusetts	23,749,350	4,648,507	18,548,599	-2.6	-20.7	3.5
Michigan	13,429,280	2,964,518	9,855,874	-8.2	-17.4	-4.8
Minnesota	10,881,604	2,430,896	8,041,971	-9.7	-17.9	-6.8
Mississippi	2,074,352	239,241	1,708,239	-5.6	-13.5	-3.9
Missouri	9,500,722	2,098,155	7,035,338	-8.4	-15.5	-6.0
Montana	1,772,639	315,968	1,405,139	-0.7	-4.8	0.7
Nebraska	3,001,333	579,317	2,293,176	-2.8	-16.7	2.0
Nevada	8,052,992	1,376,939	6,529,668	-22.1	-44.4	-15.2
New Hampshire	2,899,154	446,515	2,359,673	-3.7	-14.8	-0.9
New Jersey	20,825,511	3,406,550	16,787,613	-8.2	-22.0	-4.6
New Mexico	2,589,049	328,946	2,170,444	-13.7	-16.2	-13.3
New York	126,720,457	27,419,787	97,932,217	-5.8	-22.0	0.1
North Carolina	16,548,629	2,894,328	13,110,210	-4.1	-15.9	-0.8
North Dakota	1,324,571	153,059	1,116,927	-3.0	-10.1	-1.4
Ohio	21,178,865	3,446,844	17,002,747	-8.6	-22.4	-5.1
Oklahoma	4,146,422	797,620	3,128,912	-6.9	-17.4	-3.3
Oregon	7,983,746	1,640,067	6,105,496	-6.6	-17.3	-3.0
Pennsylvania	25,748,697	4,453,779	20,472,022	-5.4	-18.7	-1.7
Rhode Island	1,945,161	365,624	1,516,029	-5.1	-13.3	-2.6
South Carolina	5,949,070	1,086,457	4,624,132	-4.3	-17.2	-0.3
South Dakota	1,128,213	174,064	901,305	-4.7	-11.8	-2.8
Tennessee	11,881,218	2,694,807	8,795,555	-17.6	-37.1	-9.4
Texas	49,185,063	9,034,626	38,323,053	-7.7	-15.5	-5.4
Utah	6,824,091	1,216,237	5,437,131	-2.6	-15.3	1.0
Vermont	985,431	230,373	721,499	-6.7	-17.9	-2.1
Virginia	16,206,863	2,859,866	12,819,775	-8.8	-17.1	-6.7
Washington	62,392,906	2,752,804	59,215,435	9.4	-17.1	11.2
West Virginia	1,278,813	100,375	1,100,898	-6.7	-16.3	-5.2
Wisconsin	9,606,507	1,656,741	7,575,589	-10.0	-18.6	-7.8
Wyoming	1,045,656	150,434	864,127	-7.4	-6.9	-7.2

ACPSA Arts and Cultural Production Satellite Account

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

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

Source. U.S. Bureau of Economic Analysis

Table 3. Industry Contributions to the Arts and Cultural Production Share of GDP, 2020—Continues

	Share of arts and cultural production of total GDP 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	4.2	0.04	0.02	0.02	0.18	0.03	0.17	0.11	0.18	0.01	0.04
Alabama	2.1	0.01	0.01	0.00	0.01	0.02	0.06	0.08	0.09	0.01	0.02
Alaska	2.6	0.02	0.01	0.00	0.01	0.03	0.03	0.07	0.04	0.01	0.01
Arizona	2.6	0.02	0.02	0.01	0.05	0.03	0.10	0.10	0.15	0.01	0.03
Arkansas	2.2	0.01	0.01	0.00	0.01	0.03	0.14	0.10	0.07	0.01	0.02
California	7.5	0.06	0.04	0.07	0.77	0.03	0.17	0.14	0.27	0.02	0.03
Colorado	3.8	0.03	0.03	0.00	0.10	0.04	0.13	0.15	0.26	0.01	0.02
Connecticut	3.2	0.02	0.01	0.02	0.09	0.04	0.17	0.08	0.10	0.01	0.08
Delaware	1.1	0.01	0.00	0.00	0.02	0.04	0.04	0.03	0.06	0.01	0.01
District of Columbia	8.2	0.05	0.14	0.01	0.09	0.07	0.83	0.36	0.16	0.01	0.21
Florida	2.9	0.05	0.02	0.02	0.11	0.03	0.13	0.10	0.24	0.01	0.02
Georgia	3.8	0.02	0.02	0.01	0.06	0.02	0.26	0.11	0.20	0.01	0.02
Hawaii	3.1	0.04	0.01	0.00	0.14	0.09	0.05	0.16	0.15	0.01	0.04
Idaho	2.2	0.02	0.01	0.00	0.04	0.02	0.07	0.09	0.12	0.00	0.02
Illinois	3.1	0.03	0.02	0.01	0.04	0.04	0.27	0.12	0.20	0.01	0.04
Indiana	2.0	0.02	0.01	0.00	0.03	0.02	0.07	0.06	0.10	0.01	0.04
Iowa	2.1	0.01	0.01	0.00	0.02	0.02	0.09	0.06	0.09	0.01	0.03
Kansas	2.4	0.01	0.01	0.00	0.01	0.01	0.08	0.09	0.10	0.01	0.02
Kentucky	2.6	0.02	0.01	0.00	0.02	0.04	0.08	0.05	0.09	0.00	0.02
Louisiana	2.3	0.01	0.02	0.00	0.06	0.03	0.08	0.07	0.08	0.01	0.03
Maine	2.3	0.03	0.01	0.00	0.11	0.04	0.11	0.11	0.10	0.02	0.04
Maryland	2.5	0.02	0.01	0.00	0.02	0.03	0.07	0.08	0.18	0.01	0.04
Massachusetts	4.1	0.04	0.02	0.01	0.04	0.05	0.13	0.18	0.18	0.02	0.14
Michigan	2.6	0.02	0.02	0.01	0.03	0.03	0.15	0.08	0.20	0.01	0.03
Minnesota	2.9	0.04	0.01	0.01	0.04	0.03	0.19	0.12	0.17	0.01	0.03
Mississippi	1.8	0.01	0.00	0.00	0.03	0.02	0.05	0.05	0.03	0.00	0.02
Missouri	2.9	0.04	0.02	0.00	0.04	0.04	0.16	0.13	0.16	0.01	0.04
Montana	3.4	0.02	0.01	0.00	0.11	0.04	0.07	0.18	0.17	0.01	0.02
Nebraska	2.2	0.02	0.02	0.00	0.05	0.03	0.07	0.12	0.09	0.01	0.02
Nevada	4.7	0.12	0.11	0.01	0.19	0.02	0.11	0.08	0.15	0.01	0.01
New Hampshire	3.3	0.03	0.01	0.01	0.09	0.02	0.07	0.06	0.14	0.02	0.07
New Jersey	3.4	0.02	0.02	0.01	0.06	0.01	0.15	0.09	0.16	0.01	0.03
New Mexico	2.6	0.02	0.01	0.00	0.08	0.03	0.04	0.08	0.05	0.01	0.01
New York	7.3	0.08	0.05	0.05	0.34	0.07	0.48	0.17	0.25	0.02	0.08
North Carolina	2.8	0.01	0.01	0.01	0.04	0.02	0.09	0.08	0.19	0.01	0.04
North Dakota	2.4	0.01	0.02	0.00	0.03	0.01	0.06	0.07	0.07	0.01	0.01
Ohio	3.1	0.03	0.04	0.00	0.02	0.04	0.09	0.09	0.16	0.01	0.03
Oklahoma	2.2	0.03	0.00	0.00	0.05	0.07	0.07	0.08	0.09	0.01	0.01
Oregon	3.3	0.04	0.01	0.01	0.06	0.02	0.16	0.14	0.20	0.01	0.02
Pennsylvania	3.3	0.03	0.01	0.00	0.03	0.04	0.14	0.10	0.12	0.01	0.09
Rhode Island	3.2	0.04	0.01	0.00	0.05	0.05	0.08	0.08	0.16	0.00	0.13
South Carolina	2.4	0.02	0.01	0.01	0.06	0.02	0.10	0.08	0.12	0.01	0.02
South Dakota	2.1	0.01	0.02	0.00	0.06	0.03	0.06	0.05	0.06	0.01	0.02
Tennessee	3.2	0.11	0.03	0.05	0.13	0.04	0.10	0.09	0.13	0.01	0.03
Texas	2.8	0.02	0.01	0.01	0.06	0.02	0.10	0.11	0.15	0.01	0.02
Utah	3.5	0.03	0.02	0.00	0.08	0.02	0.10	0.11	0.20	0.01	0.04
Vermont	2.9	0.05	0.01	0.01	0.09	0.06	0.08	0.12	0.16	0.03	0.09
Virginia	2.9	0.02	0.02	0.01	0.06	0.03	0.12	0.09	0.14	0.01	0.02
Washington	10.3	0.02	0.01	0.00	0.03	0.02	0.10	0.13	0.11	0.01	0.01
West Virginia	1.7	0.01	0.00	0.00	0.00	0.01	0.04	0.02	0.03	0.00	0.02
Wisconsin	2.8	0.03	0.01	0.00	0.04	0.02	0.14	0.08	0.12	0.01	0.04
Wyoming	2.9	0.02	0.02	0.00	0.09	0.05	0.04	0.07	0.11	0.01	0.01

ACPSA Arts and Cultural Production Satellite Account

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

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

Source. U.S. Bureau of Economic Analysis

Table 4. Industry Contributions to Percent Change in Value Added of Arts and Cultural Production, 2020—Continues

	Percent change in value added of 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	-5.8	-0.81	-1.31	-0.20	-0.97	-0.16	-0.27	-0.03	-0.50	-0.14	-0.01
Alabama	-6.5	-0.33	-0.69	-0.02	-0.24	-0.34	-0.31	0.20	-0.41	-0.15	0.00
Alaska	-4.6	-0.42	-0.52	0.00	-0.09	-0.38	-0.12	0.16	0.06	-0.25	0.00
Arizona	-5.8	-0.65	-1.86	-0.10	-0.42	-0.21	-0.48	0.13	-0.50	-0.14	-0.01
Arkansas	-3.4	-0.23	-1.24	0.00	-0.02	0.03	-0.21	0.04	-0.25	-0.08	-0.02
California	-4.9	-0.71	-0.91	-0.35	-1.88	-0.08	-0.22	0.02	-0.38	-0.09	-0.01
Colorado	-5.5	-0.42	-1.74	-0.03	-0.60	-0.15	-0.41	-0.02	-0.58	-0.16	0.01
Connecticut	-6.0	-0.55	-0.99	-0.16	-0.46	-0.21	-0.01	-0.15	-0.93	-0.23	-0.06
Delaware	-10.0	-0.64	-0.68	-0.05	0.15	-0.34	-0.92	0.22	-0.89	-0.36	0.06
District of Columbia	-3.1	-0.34	-4.54	-0.01	-0.17	-0.22	0.20	-0.02	-0.24	-0.10	0.06
Florida	-8.9	-1.19	-1.47	-0.26	-1.32	-0.17	-0.41	0.13	-0.77	-0.07	-0.05
Georgia	-9.9	-0.45	-2.66	-0.13	-0.33	-0.08	0.41	-0.05	-0.70	-0.04	-0.04
Hawaii	-18.6	-1.90	-0.75	0.00	-3.78	-1.12	-0.22	0.02	-1.12	-0.15	0.00
Idaho	-5.5	-0.33	-0.75	-0.07	-0.19	-0.06	0.20	0.31	0.02	0.01	-0.02
Illinois	-8.9	-0.72	-1.33	-0.05	-0.60	-0.20	-0.99	-0.15	-0.73	-0.21	-0.04
Indiana	-5.4	-0.60	-1.29	-0.06	-0.18	-0.16	-0.13	0.12	-0.33	-0.12	-0.04
Iowa	-7.7	-0.39	-1.14	-0.02	-0.26	-0.13	0.01	0.04	-0.33	-0.10	0.03
Kansas	-5.4	-0.20	-0.93	-0.01	0.02	-0.07	-0.47	0.01	-0.55	-0.11	0.00
Kentucky	-7.1	-0.28	-1.11	-0.01	-0.37	-0.35	-0.17	-0.04	-0.06	-0.09	0.00
Louisiana	-17.3	-0.36	-1.62	-0.04	-1.70	-0.40	-0.28	0.06	-0.19	-0.07	-0.03
Maine	-5.2	-1.31	-2.05	-0.01	-0.78	-0.23	-0.58	0.20	-0.22	-0.36	-0.01
Maryland	-7.7	-0.56	-0.63	0.00	-0.15	-0.24	-0.34	-0.64	-1.05	-0.30	-0.06
Massachusetts	-2.6	-0.77	-1.62	-0.08	-1.27	-0.24	-0.42	0.04	-0.40	-0.26	0.06
Michigan	-8.2	-0.36	-1.34	-0.08	-0.57	-0.26	-0.51	-0.08	-0.89	-0.18	0.00
Minnesota	-9.7	-0.84	-1.02	-0.19	-0.42	-0.21	-1.09	-0.15	-0.24	-0.23	-0.01
Mississippi	-5.6	-0.13	-0.48	0.00	-0.70	-0.07	-0.20	-0.01	-0.05	-0.07	-0.01
Missouri	-8.4	-0.84	-1.67	-0.09	-0.07	-0.10	-0.24	-0.08	-0.52	-0.08	-0.03
Montana	-0.7	-0.06	-0.53	0.00	-0.36	-0.14	0.05	0.27	-0.13	-0.01	0.01
Nebraska	-2.8	-0.34	-1.94	-0.08	-0.79	-0.28	-0.18	0.07	-0.08	-0.14	-0.02
Nevada	-22.1	-4.17	-2.93	-0.07	-2.51	-0.06	-0.16	-0.12	-0.56	-0.05	0.00
New Hampshire	-3.7	-0.58	-0.69	-0.05	-0.69	-0.09	-0.20	0.12	-0.16	-0.26	0.01
New Jersey	-8.2	-0.74	-1.16	-0.12	-0.24	-0.08	-0.39	-0.07	-1.15	-0.27	-0.01
New Mexico	-13.7	-0.53	-0.67	0.00	-0.51	-0.18	-0.08	0.23	-0.07	-0.30	-0.03
New York	-5.8	-1.44	-1.82	-0.35	-0.67	-0.18	-0.45	-0.11	-0.51	-0.20	0.00
North Carolina	-4.1	-0.19	-1.72	-0.20	-0.31	-0.28	-0.24	-0.01	-0.04	-0.14	-0.05
North Dakota	-3.0	-0.01	-1.11	0.00	-0.26	-0.04	-0.04	0.09	0.20	-0.11	0.02
Ohio	-8.6	-0.34	-2.21	-0.02	-0.51	-0.20	-0.20	0.00	-0.65	-0.16	0.00
Oklahoma	-6.9	-1.60	-0.28	0.01	-0.32	-0.94	-0.36	-0.04	-0.18	-0.05	-0.03
Oregon	-6.6	-0.67	-0.94	-0.12	-0.56	-0.21	-0.25	-0.13	-0.90	-0.22	0.00
Pennsylvania	-5.4	-0.53	-1.33	-0.04	-0.41	-0.25	-0.39	0.05	-0.71	-0.17	0.00
Rhode Island	-5.1	-0.86	-0.56	-0.01	-0.22	-0.53	0.01	0.10	-0.22	-0.42	-0.03
South Carolina	-4.3	-0.81	-0.98	-0.07	-0.88	-0.24	-0.22	0.18	-0.51	-0.06	-0.03
South Dakota	-4.7	-0.16	-1.43	0.00	0.12	-0.30	-0.31	0.08	0.00	-0.03	0.05
Tennessee	-17.6	-3.73	-2.15	-0.70	-3.34	-0.27	-0.17	0.00	-0.58	-0.08	-0.02
Texas	-7.7	-0.42	-0.85	-0.10	-0.68	-0.15	0.03	-0.02	-0.76	-0.13	-0.04
Utah	-2.6	-0.38	-1.27	0.01	-0.75	-0.11	-0.14	-0.02	-0.32	-0.14	-0.03
Vermont	-6.7	-1.27	-1.07	-0.09	-0.69	-0.25	-0.20	0.10	-0.76	-0.54	-0.01
Virginia	-8.8	-0.62	-0.68	-0.24	-0.66	-0.16	-0.28	-0.17	-0.33	-0.15	-0.01
Washington	9.4	-0.17	-0.36	-0.01	-0.12	-0.06	0.03	-0.02	-0.18	-0.08	0.00
West Virginia	-6.7	-0.36	-0.48	-0.09	-0.07	-0.17	-0.09	-0.03	-0.07	-0.05	-0.02
Wisconsin	-10.0	-0.61	-1.01	-0.06	-0.47	-0.14	-0.43	-0.19	-0.41	-0.21	-0.01
Wyoming	-7.4	0.00	-1.32	-0.05	-0.01	-0.12	-0.11	0.26	0.48	-0.14	0.01

ACPSA Arts and Cultural Production Satellite Account

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

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

Source. U.S. Bureau of Economic Analysis

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

Line	ACPSA item description	2016	2017	2018	2019	2020
1	Total ACPSA	5.4	3.5	5.6	3.8	-5.5
2	Core arts and cultural production	5.2	3.9	6.1	4.3	-5.6
3	Performing arts	3.7	4.3	4.4	3.9	-55.2
4	Music groups	3.6	4.4	4.3	3.8	-55.0
5	Dance	3.6	4.4	4.3	3.8	-55.0
6	Opera	3.6	4.4	4.3	3.8	-55.0
7	Symphonies	3.6	4.4	4.3	3.8	-55.0
8	Theater	3.6	4.4	4.3	3.8	-55.0
9	Other	3.2	3.9	4.5	3.7	-56.9
10	Independent artists, writers, and performers	1.6	6.3	8.6	5.1	-20.2
11	Museums	1.0	5.3	3.9	1.1	-17.3
12	Art	0.0	5.4	4.1	1.0	-22.4
13	Botanical and zoological	0.0	5.4	4.1	1.0	-22.4
14	Children's	0.0	5.4	4.1	1.0	-22.4
15	Historical sites	0.0	5.4	4.1	1.0	-22.4
16	History	0.0	5.4	4.1	1.0	-22.4
17	Natural	0.0	5.4	4.1	1.0	-22.4
18	Nature parks	3.7	4.3	3.2	1.2	-1.0
19	Science	0.0	5.4	4.1	1.0	-22.4
20	Other	0.0	5.4	4.1	1.0	-22.4
21	Design services	7.3	4.3	7.5	5.9	-0.5
22	Advertising	8.6	4.5	8.0	6.0	1.6
23	Architectural services, historic restoration	5.1	3.5	6.4	5.5	-1.8
24	Landscape architectural services	5.0	5.8	6.2	4.5	-1.4
25	All other architectural services	5.1	3.5	6.4	5.5	-1.8
26	Interior design services	2.8	3.2	9.4	8.0	-15.5
27	Industrial design services	-3.9	10.4	0.4	8.7	-16.8
28	Graphic design services	2.1	0.9	-1.1	8.5	-16.9
29	Fashion design services	2.6	3.2	2.6	5.8	-17.0
30	Computer systems design	8.3	11.1	9.8	4.2	-0.6
31	Photography and photofinishing services	0.3	3.2	6.4	0.6	-1.3
32	All other design services	2.6	3.2	2.6	5.8	-17.0
33	Fine arts education	3.9	8.3	8.2	5.5	-27.4
34	Education services	1.5	1.2	2.8	0.8	0.3
35	Entertainment originals	5.2	3.7	4.0	2.6	-6.2
36	Supporting arts and cultural production	5.6	3.2	5.2	3.3	-5.5
37	Art support services	1.1	2.5	5.6	3.0	-25.6
38	Rental and leasing	-3.9	-5.3	5.2	1.4	-15.2
39	Agents/managers for artists	3.6	1.2	7.6	7.3	-31.2
40	Promoters of performing arts and similar events	2.1	6.7	7.2	4.6	-51.8
41	Grantmaking and giving services	4.3	2.5	6.3	1.5	-12.6
42	Unions	3.5	5.0	4.6	2.5	-27.2
43	Government	0.9	1.7	3.1	1.3	1.7
44	Other support services	7.9	10.7	14.0	-9.5	-60.1
45	Books publishing	1.4	2.7	-1.0	-1.5	-4.0
46	Education (K-12)	0.0	4.2	-0.6	-1.8	-1.8
47	Higher education	0.0	3.6	0.5	-1.1	-2.9
48	General reference	10.5	2.0	-9.4	-3.4	-12.3
49	Professional, technical, and scholarly	0.5	0.2	-4.7	-4.2	-5.8
50	Adult trade	1.6	3.0	0.8	-0.3	-4.2
51	Children	3.6	4.6	-0.5	-0.6	-2.8
52	Other publishing	12.7	8.5	7.3	6.9	7.9
53	Cards, calendars, and other	5.5	6.9	3.0	1.5	1.7
54	Newspapers and periodicals	-3.2	-0.3	-2.9	-3.1	-13.9
55	Software	19.1	11.0	10.3	9.9	12.7
56	Information services	6.6	1.6	6.0	3.7	-6.1
57	Broadcasting	4.9	-2.1	-0.9	-0.4	-2.2
58	Sound recording	2.5	6.3	5.6	10.0	-21.1
59	Motion pictures	3.0	-2.9	7.1	-1.1	-52.0
60	Audio/visual production	3.5	-1.9	9.3	1.3	-21.0
61	Other information services	15.0	11.6	14.2	11.7	11.5
62	Manufactured goods	1.6	3.5	2.4	-0.2	-7.2
63	Jewelry and silverware	1.5	3.7	3.4	-1.4	5.3
64	Printed goods	7.7	-4.1	-1.0	-6.2	-5.9
65	Musical instruments	0.3	5.3	2.9	-2.7	-6.5
66	Custom architectural woodwork and metalwork	10.1	-0.3	6.9	0.7	-9.1
67	Other goods	-5.3	8.6	1.4	5.9	-23.6
68	Construction	0.4	6.7	4.9	2.3	-6.4

ACPSA Arts and Cultural Production Satellite Account

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

Source. U.S. Bureau of Economic Analysis

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

[Millions of chained (2012) dollars]

Line	ACPSA item description	2016	2017	2018	2019	2020
1	Total ACPSA	1,326,158	1,372,898	1,450,326	1,505,548	1,422,114
2	Core arts and cultural production	641,614	666,578	707,002	737,720	696,202
3	Performing arts	29,799	31,094	32,454	33,723	15,104
4	Music groups	4,033	4,209	4,392	4,561	2,051
5	Dance	796	831	867	900	405
6	Opera	3,227	3,368	3,514	3,649	1,641
7	Symphonies	2,235	2,333	2,434	2,528	1,137
8	Theater	15,462	16,138	16,838	17,486	7,864
9	Other	3,973	4,130	4,316	4,475	1,928
10	Independent artists, writers, and performers	37,868	40,240	43,685	45,892	36,641
11	Museums	18,823	19,812	20,579	20,795	17,200
12	Art	1,459	1,538	1,601	1,618	1,256
13	Botanical and zoological	2,244	2,366	2,463	2,489	1,932
14	Children's	511	538	560	566	440
15	Historical sites	4,722	4,979	5,183	5,238	4,066
16	History	292	308	320	324	251
17	Natural	2,334	2,461	2,562	2,588	2,010
18	Nature parks	4,550	4,747	4,898	4,957	4,908
19	Science	2,334	2,461	2,562	2,588	2,010
20	Other	365	384	400	404	314
21	Design services	362,511	378,210	406,397	430,296	428,245
22	Advertising	274,281	286,558	309,350	328,007	333,200
23	Architectural services, historic restoration	2,214	2,291	2,438	2,571	2,525
24	Landscape architectural services	6,792	7,189	7,633	7,973	7,864
25	All other architectural services	26,712	27,637	29,406	31,018	30,455
26	Interior design services	16,487	17,020	18,616	20,106	16,983
27	Industrial design services	2,393	2,641	2,651	2,883	2,398
28	Graphic design services	11,663	11,766	11,632	12,621	10,489
29	Fashion design services	1,226	1,265	1,298	1,373	1,140
30	Computer systems design	6,246	6,940	7,620	7,937	7,890
31	Photography and photofinishing services	14,472	14,933	15,895	15,988	15,780
32	All other design services	236	243	250	264	219
33	Fine arts education	5,780	6,263	6,775	7,145	5,184
34	Education services	106,638	107,877	110,951	111,879	112,172
35	Entertainment originals	80,537	83,554	86,893	89,139	83,648
36	Supporting arts and cultural production	685,646	707,597	744,715	769,108	727,114
37	Art support services	52,706	53,999	57,003	58,688	43,682
38	Rental and leasing	8,756	8,291	8,718	8,843	7,501
39	Agents/managers for artists	4,729	4,785	5,150	5,524	3,798
40	Promoters of performing arts and similar events	17,653	18,838	20,188	21,115	10,188
41	Grantmaking and giving services	1,410	1,445	1,536	1,559	1,363
42	Unions	1,344	1,410	1,476	1,512	1,101
43	Government	17,980	18,287	18,860	19,098	19,421
44	Other support services	674	746	851	770	307
45	Books publishing	22,042	22,647	22,421	22,085	21,212
46	Education (K-12)	3,190	3,323	3,303	3,244	3,185
47	Higher education	1,442	1,494	1,503	1,486	1,444
48	General reference	636	649	587	568	498
49	Professional, technical, and scholarly	4,459	4,468	4,260	4,083	3,844
50	Adult trade	9,984	10,280	10,363	10,333	9,894
51	Children	2,352	2,459	2,448	2,432	2,365
52	Other publishing	102,666	111,384	119,461	127,740	137,781
53	Cards, calendars, and other	12,783	13,670	14,081	14,297	14,540
54	Newspapers and periodicals	17,338	17,290	16,789	16,277	14,008
55	Software	72,721	80,716	89,066	97,885	110,356
56	Information services	364,290	370,164	392,435	407,032	382,301
57	Broadcasting	151,198	148,035	146,731	146,212	143,057
58	Sound recording	18,653	19,824	20,929	23,021	18,163
59	Motion pictures	20,536	19,943	21,362	21,136	10,150
60	Audio/visual production	83,432	81,846	89,428	90,555	71,514
61	Other information services	90,693	101,193	115,583	129,124	143,913
62	Manufactured goods	120,707	124,895	127,859	127,611	118,468
63	Jewelry and silverware	47,965	49,730	51,417	50,687	53,358
64	Printed goods	23,170	22,228	22,016	20,647	19,431
65	Musical instruments	5,263	5,543	5,702	5,547	5,185
66	Custom architectural woodwork and metalwork	11,916	11,883	12,699	12,790	11,625
67	Other goods	31,657	34,379	34,874	36,921	28,193
68	Construction	23,946	25,562	26,803	27,414	25,670

ACPSA Arts and Cultural Production Satellite Account

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

Source. U.S. Bureau of Economic Analysis

Table 7. Nominal Gross Output by Arts and Cultural Production Industry

[Millions of dollars]

Line	ACPSA industry description	2016	2017	2018	2019	2020
1	Total	1,332,851	1,391,654	1,478,600	1,541,080	1,458,938
2	Core arts and cultural production	262,131	278,057	298,801	315,288	251,954
3	Performing arts	99,778	106,817	115,416	121,930	76,994
4	Performing arts companies	23,417	24,552	25,624	26,817	15,182
5	Promoters of performing arts and similar events	27,448	29,834	32,293	33,962	13,356
6	Agents/managers for artists	6,104	6,260	6,807	7,371	5,133
7	Independent artists, writers, and performers	42,809	46,171	50,694	53,781	43,322
8	Museums	13,207	14,172	14,939	15,201	11,595
9	Design services	133,380	140,408	150,806	159,807	147,335
10	Advertising	46,881	49,895	54,661	58,588	53,630
11	Architectural services	30,988	32,332	34,558	36,372	35,641
12	Landscape architectural services	5,150	5,521	5,851	6,046	5,929
13	Interior design services	15,710	16,375	18,034	19,484	16,195
14	Industrial design services	2,292	2,577	2,598	2,824	2,343
15	Graphic design services	12,248	12,471	12,393	13,430	11,133
16	Computer systems design	4,721	5,302	5,833	6,097	6,019
17	Photography and photofinishing services	14,010	14,496	15,392	15,400	15,147
18	All other design services	1,379	1,439	1,486	1,565	1,297
19	Fine arts education	5,969	6,552	7,182	7,630	5,569
20	Education services	9,798	10,107	10,458	10,719	10,462
21	Supporting arts and cultural production	1,032,258	1,075,077	1,139,653	1,185,372	1,171,287
22	Art support services	152,342	156,136	163,663	167,826	168,118
23	Rental and leasing	8,788	8,443	8,983	9,210	7,895
24	Grantmaking and giving services	1,522	1,581	1,707	1,758	1,555
25	Unions	2,057	2,170	2,282	2,366	1,930
26	Government	139,266	143,149	149,777	153,654	156,396
27	Other support services	709	793	914	838	342
28	Information services	693,851	721,922	768,896	804,987	799,754
29	Publishing	126,178	133,163	136,347	138,989	139,076
30	Motion pictures	126,217	125,654	134,982	136,604	108,927
31	Sound recording	15,863	17,257	18,823	20,671	16,510
32	Broadcasting	281,358	282,890	290,724	296,112	293,012
33	Other information services	144,234	162,958	188,020	212,612	242,229
34	Manufacturing	37,224	36,523	37,718	36,385	33,347
35	Jewelry and silverware manufacturing	7,285	7,047	7,362	7,073	6,823
36	Printed goods manufacturing	14,376	14,029	13,574	13,251	11,745
37	Musical instruments manufacturing	1,896	1,920	2,019	1,877	1,633
38	Custom architectural woodwork and metalwork manufacturing	8,038	7,996	8,729	8,612	7,664
39	Other goods manufacturing	5,629	5,531	6,034	5,571	5,482
40	Construction	23,289	25,305	27,094	28,888	27,511
41	NonACPSA-related production	38,462	38,520	40,146	40,420	35,696
42	Wholesale and transportation industries	61,142	67,139	70,128	71,659	64,287
43	Retail industries	64,409	68,052	72,155	75,626	78,270
44	All other industries¹	38,462	38,520	40,146	40,420	35,696

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

Source. U.S. Bureau of Economic Analysis

Table 9. Industry Contributions to Percent Change in Arts and Cultural Production Employment, 2020—Continues

	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	-11.6	-0.97	-1.06	-0.06	-0.19	-0.67	-0.35	-0.10	-0.56	-0.49	-0.02
Alabama	-10.6	(D)	-0.33	0.00	-0.20	-1.05	-0.52	0.01	-0.42	(D)	-0.02
Alaska	-10.6	-0.76	-0.42	0.01	-0.05	-1.22	(D)	0.06	-0.27	(D)	0.00
Arizona	-10.9	-0.78	-1.15	-0.02	-0.15	-0.65	-0.42	0.05	-0.27	-0.39	-0.01
Arkansas	-8.0	-0.47	-1.15	0.02	0.01	-0.06	-0.27	-0.02	-0.18	-0.17	-0.01
California	-12.1	-0.75	-0.76	-0.18	-0.15	-0.53	-0.41	-0.12	-0.64	-0.34	-0.01
Colorado	-10.0	-0.75	-1.02	0.00	-0.31	-0.48	-0.43	-0.03	-0.32	-0.53	-0.01
Connecticut	-13.3	-1.10	-1.33	-0.05	-0.10	-1.04	-0.12	-0.11	-0.73	-0.90	-0.03
Delaware	-16.8	-1.35	-0.95	(D)	(D)	-1.53	-0.96	0.02	-0.90	-0.49	-0.01
District of Columbia	-7.0	-0.91	-1.15	-0.03	-0.07	-0.60	0.08	-0.20	-0.07	-0.21	-0.06
Florida	-10.6	-1.05	-1.20	-0.10	-0.20	-0.51	-0.41	-0.03	-0.56	-0.16	-0.01
Georgia	-12.7	-0.46	-1.49	-0.03	-0.06	-0.41	-0.43	-0.07	-0.41	-0.29	-0.01
Hawaii	-24.4	-2.93	-0.45	(D)	-0.19	-5.09	(D)	-0.06	-1.43	-0.64	-0.02
Idaho	-10.6	-0.51	-0.88	0.02	0.06	-0.19	-0.30	0.04	-0.27	0.15	-0.01
Illinois	-12.1	-1.21	-0.74	-0.01	-0.16	-0.66	-0.63	-0.19	-0.64	-0.46	-0.02
Indiana	-8.8	-0.89	-0.70	-0.02	-0.09	-0.38	-0.17	0.04	-0.40	-0.39	-0.02
Iowa	-11.6	(D)	-1.26	0.00	-0.17	-0.46	-0.27	-0.10	(D)	-0.41	-0.03
Kansas	-9.4	-0.71	-0.80	-0.02	-0.06	-0.30	-0.20	-0.03	-0.37	-0.42	-0.01
Kentucky	-11.9	(D)	-1.05	-0.01	-0.07	-1.07	-0.22	-0.04	-0.19	-0.35	-0.01
Louisiana	-15.5	-0.41	-1.82	-0.01	-0.11	-1.06	-0.39	-0.04	(D)	-0.26	-0.02
Maine	-13.8	-0.92	-2.92	0.00	-0.07	-0.62	-0.50	0.00	(D)	-0.88	-0.02
Maryland	-14.3	-1.48	-0.87	-0.03	-0.22	-0.45	-0.58	-0.39	-0.87	-1.16	-0.02
Massachusetts	-12.0	-1.23	-1.76	-0.03	-0.12	-1.04	-0.35	-0.14	-0.45	-0.82	-0.06
Michigan	-13.1	-0.56	-0.99	-0.03	-0.18	-0.98	-0.49	-0.11	-0.55	-0.62	-0.02
Minnesota	-13.7	-1.40	-1.71	-0.13	-0.18	-0.84	-0.52	-0.19	-0.27	-0.66	-0.02
Mississippi	-8.2	-0.17	-0.15	-0.01	0.01	-0.19	-0.30	-0.01	-0.23	-0.36	-0.02
Missouri	-11.2	-1.13	-1.21	-0.01	-0.15	-0.23	-0.21	-0.08	-0.70	-0.26	-0.02
Montana	-3.6	-0.72	-0.27	0.00	-0.41	-0.41	-0.28	0.03	-0.04	-0.15	-0.01
Nebraska	-10.7	(D)	-2.06	-0.02	-0.44	-1.24	(D)	-0.07	-0.20	-0.41	-0.02
Nevada	-29.9	-2.62	-1.08	-0.03	-1.11	-0.26	-0.21	-0.13	-1.37	-0.29	0.00
New Hampshire	-10.2	-0.99	-1.07	-0.01	-0.20	-0.69	-0.44	0.01	-0.56	-0.54	-0.03
New Jersey	-11.8	-0.83	-1.08	-0.03	-0.28	-0.41	-0.36	-0.16	-0.81	-1.01	-0.01
New Mexico	-18.1	-1.04	-0.57	0.00	-0.27	-0.80	-0.26	-0.04	(D)	-0.67	0.00
New York	-13.2	-2.05	-1.49	-0.08	-0.18	-0.77	-0.42	-0.16	-0.79	-0.92	-0.02
North Carolina	-9.1	-0.37	-1.43	-0.06	-0.13	-1.01	-0.39	-0.08	-0.55	-0.42	-0.02
North Dakota	-6.7	-0.23	-0.44	-0.01	-0.10	-0.16	-0.09	0.02	0.05	-0.46	-0.01
Ohio	-11.1	(D)	-1.31	-0.01	-0.21	-1.01	-0.31	-0.13	-0.61	-0.39	-0.02
Oklahoma	-7.4	-0.33	-0.32	0.01	0.00	(D)	(D)	-0.13	-0.43	0.00	-0.01
Oregon	-12.1	-1.25	-0.57	-0.04	-0.27	(D)	-0.51	-0.12	(D)	-0.70	-0.02
Pennsylvania	-12.9	-0.89	-1.83	-0.02	-0.21	-1.05	-0.39	-0.06	-0.80	-0.61	-0.05
Rhode Island	-13.4	-1.54	-0.56	0.01	-0.14	-1.59	0.04	-0.02	-0.37	-0.48	-0.06
South Carolina	-7.7	-1.08	-0.79	-0.06	-0.06	-0.95	-0.46	-0.06	(D)	-0.31	-0.01
South Dakota	-10.3	(D)	-1.51	0.00	0.18	-0.83	(D)	0.03	-0.22	-0.26	-0.01
Tennessee	-11.4	(D)	-0.79	-0.02	-0.45	-1.09	-0.34	0.06	(D)	-0.27	-0.02
Texas	-10.3	-0.61	-0.56	-0.02	-0.29	-0.50	-0.02	-0.09	-0.42	-0.37	-0.01
Utah	-8.5	-0.77	-1.11	0.02	-0.07	(D)	-0.21	-0.06	(D)	-0.36	-0.02
Vermont	-14.0	(D)	-1.43	-0.02	-0.45	-1.00	(D)	0.02	-0.47	-1.02	-0.04
Virginia	-12.4	-0.63	-0.65	-0.04	-0.17	-0.70	-0.44	-0.16	-0.45	-0.55	-0.01
Washington	-5.3	-0.65	-0.69	0.00	-0.07	-0.44	-0.20	-0.10	(D)	-0.46	-0.01
West Virginia	-11.8	-0.70	-0.60	(D)	(D)	-0.49	-0.17	0.01	-0.35	-0.25	-0.02
Wisconsin	-13.5	-0.98	-1.54	-0.01	-0.30	-0.49	-0.35	-0.08	-0.40	-0.56	-0.02
Wyoming	-7.8	-0.06	-0.49	0.00	-0.09	-0.26	-0.21	0.06	-0.05	-0.50	0.00

ACPSA Arts and Cultural Production Satellite Account

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

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

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

Source. U.S. Bureau of Economic Analysis

Table 9. Industry Contributions to Percent Change in Arts and Cultural Production Employment, 2020—Table Ends

	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	-0.86	-0.16	-0.37	-2.62	-0.02	-0.43	0.22	-0.43	-0.95	-0.33	-0.71
Alabama	0.00	-1.22	-0.14	-0.85	-2.07	(D)	-0.68	(D)	-0.39	-0.16	-0.35	-0.89
Alaska	-0.03	-1.77	-0.15	-0.24	(D)	(D)	-0.79	0.03	-0.12	-0.76	-0.33	-0.53
Arizona	-0.07	-0.80	-0.16	0.12	-3.59	-0.01	-0.73	-0.22	-0.25	-0.61	-0.33	-0.12
Arkansas	-0.03	-1.58	-0.09	-0.82	-1.81	0.01	-0.23	0.00	-0.45	0.26	-0.24	-0.21
California	-0.10	-0.45	-0.12	-0.26	-4.06	0.00	-0.59	0.81	-0.31	-1.28	-0.61	-0.90
Colorado	-0.06	-0.92	-0.13	-0.34	-2.05	0.00	-0.29	0.09	-0.32	-1.04	-0.20	-0.56
Connecticut	-0.03	-0.77	-0.18	-0.81	-2.33	-0.02	-0.70	0.11	-0.51	-0.18	-0.35	-1.50
Delaware	-0.10	-0.70	-0.28	-0.67	(D)	0.03	-0.32	(D)	(D)	-2.53	-0.93	-2.17
District of Columbia	-0.07	-1.80	-0.79	-0.48	-0.43	-0.01	-0.07	0.09	-0.01	-0.03	0.06	-0.05
Florida	-0.12	-0.64	-0.16	-0.57	-1.95	-0.07	-0.49	-0.01	-0.20	-0.34	-0.28	-1.08
Georgia	-0.07	-0.72	-0.06	-0.49	-5.07	-0.04	-0.62	0.09	-0.32	-0.49	-0.10	-0.74
Hawaii	-0.15	-0.69	-0.24	-0.27	-4.50	-0.01	-0.59	-0.11	(D)	-2.30	(D)	-1.40
Idaho	0.02	-1.20	-0.07	-0.13	-1.77	0.02	-1.88	-0.62	-0.08	-1.61	-0.09	-0.92
Illinois	-0.12	(D)	-0.34	-0.31	-2.10	-0.01	-0.54	-0.09	(D)	-0.61	-0.60	-0.74
Indiana	-0.07	-1.22	-0.20	-0.58	-1.65	-0.03	-0.13	-0.03	-0.88	-0.17	0.15	-0.41
Iowa	(D)	-1.20	-0.20	-1.02	-1.81	-0.01	-0.51	-0.01	-0.31	-0.93	-0.14	-0.91
Kansas	-0.03	-1.27	-0.13	-0.38	-1.73	0.00	-0.58	0.13	-0.48	-0.29	-0.25	-1.02
Kentucky	-0.05	-1.29	-0.17	-0.39	-1.77	(D)	-0.46	0.03	(D)	-1.65	-0.44	-0.99
Louisiana	-0.31	-1.10	-0.09	-0.49	-4.62	(D)	-0.77	0.08	-0.58	-1.18	-0.52	-0.84
Maine	-0.02	-0.98	-0.15	-0.51	-2.49	-0.04	-0.50	-0.14	(D)	0.16	-0.14	-1.49
Maryland	-0.08	-0.99	-0.31	-0.49	-1.98	(D)	-0.60	0.00	(D)	-1.06	-0.55	-1.25
Massachusetts	-0.04	-0.65	-0.16	-1.10	-1.80	-0.02	-0.42	0.04	-0.52	-0.23	-0.25	-0.41
Michigan	-0.08	-0.98	-0.25	-0.58	-2.38	0.00	-0.59	0.03	-0.61	-1.00	-0.14	-1.31
Minnesota	(D)	-0.95	-0.17	-1.00	-1.64	-0.07	-0.71	0.06	(D)	-0.56	-0.15	-1.24
Mississippi	-0.04	-1.61	-0.08	-0.54	-1.99	-0.01	-0.77	0.01	-0.33	0.03	0.11	-0.98
Missouri	-0.08	-1.05	-0.17	-0.64	-1.60	0.01	-0.72	0.01	-0.33	-1.54	0.19	-0.83
Montana	(D)	-1.33	-0.10	-0.39	-1.10	-0.02	-0.59	0.03	-0.58	3.55	(D)	-0.30
Nebraska	-0.05	-1.02	-0.15	-0.03	-1.37	0.00	-0.38	0.18	-0.29	-0.94	-0.06	-0.87
Nevada	-0.21	-0.63	(D)	-0.02	-2.99	-0.29	-0.30	-0.12	-0.18	-16.34	(D)	-0.25
New Hampshire	0.00	-0.80	(D)	-0.70	-1.79	0.01	(D)	0.05	-0.47	-0.17	-0.22	-0.91
New Jersey	-0.10	-0.83	-0.20	-0.32	-1.64	0.00	-0.02	0.12	-0.56	-0.30	-1.59	-0.87
New Mexico	-0.04	-1.22	-0.12	-0.31	-6.54	0.01	(D)	-0.05	-0.95	-2.44	-0.39	-1.01
New York	-0.06	-0.68	-0.14	0.07	-3.21	0.00	-0.29	0.30	-0.52	-0.02	-0.31	-1.06
North Carolina	0.00	-0.90	-0.09	-0.11	(D)	0.01	-0.19	0.11	(D)	-0.16	0.17	-0.51
North Dakota	(D)	-1.48	-0.09	(D)	-1.11	0.00	-0.29	0.11	-0.30	-0.22	0.19	-0.81
Ohio	-0.05	(D)	-0.20	(D)	-1.80	-0.02	-0.42	0.11	-0.78	-0.70	-0.28	-0.17
Oklahoma	-0.12	-1.06	-0.10	-0.69	-2.31	(D)	-0.27	0.03	(D)	-0.85	-0.55	0.79
Oregon	-0.05	-0.92	-0.14	-0.75	-3.11	-0.01	-0.23	0.11	-0.55	0.09	0.05	-1.39
Pennsylvania	-0.05	-0.70	-0.22	-0.36	-1.90	-0.07	-0.38	-0.08	-0.58	-0.70	-0.48	-0.91
Rhode Island	-0.04	-0.93	-0.25	-0.45	-2.12	-0.02	-0.24	-0.09	-2.85	-0.47	-0.31	-0.46
South Carolina	0.03	-1.15	-0.10	-0.55	-2.28	-0.15	-0.52	0.00	(D)	1.95	0.74	-0.66
South Dakota	-0.04	-1.41	(D)	-0.58	-1.52	-0.01	-0.37	0.02	-0.62	-1.11	-0.22	-0.70
Tennessee	-0.08	-0.73	-0.10	-0.10	-2.46	-0.07	-0.41	-0.02	-0.36	0.06	-0.24	-1.00
Texas	-0.09	-1.13	-0.09	-0.16	-2.97	-0.04	-0.19	0.12	-0.32	-1.09	-0.36	-0.62
Utah	-0.02	-0.92	-0.11	-0.18	-1.91	0.01	-0.42	-0.02	-0.29	-0.77	0.45	-0.89
Vermont	-0.02	-0.84	-0.12	-1.10	-1.21	-0.01	-0.20	-0.08	-1.30	-1.65	(D)	-1.32
Virginia	-0.03	-1.16	-0.25	-0.53	-1.97	-0.02	-0.29	0.11	-0.42	-2.36	-0.25	-0.99
Washington	-0.03	-0.79	-0.10	-0.18	-1.26	-0.02	-0.47	(D)	-0.19	-2.50	-0.09	2.32
West Virginia	-0.08	-1.59	-0.41	(D)	-1.51	-0.01	-0.54	(D)	-0.72	-0.68	-0.18	-1.76
Wisconsin	-0.07	-1.00	-0.19	-0.64	-1.76	-0.01	-0.31	0.06	-0.85	-2.34	-0.20	-0.97
Wyoming	-0.13	-2.10	-0.07	-0.73	-1.29	0.00	-0.30	-0.01	-0.16	-0.33	-0.05	-0.73

ACPSA Arts and Cultural Production Satellite Account

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

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

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

Source. U.S. Bureau of Economic Analysis

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

Line	ACPSA industry description	2016	2017	2018	2019	2020
1	Total	4.50	3.45	4.80	3.22	-5.99
2	Core arts and cultural production	0.50	0.86	1.30	0.95	-4.33
3	Performing arts	0.08	0.35	0.47	0.31	-3.11
4	Performing arts companies	0.04	0.04	0.04	0.06	-0.80
5	Promoters of performing arts and similar events	0.04	0.13	0.14	0.08	-1.41
6	Agents/managers for artists	0.01	0.00	0.03	0.03	-0.16
7	Independent artists, writers, and performers	-0.01	0.18	0.26	0.15	-0.74
8	Museums	-0.01	0.05	0.03	0.00	-0.27
9	Design services	0.41	0.43	0.76	0.62	-0.77
10	Advertising	0.25	0.21	0.34	0.23	-0.28
11	Architectural services	0.10	0.06	0.16	0.14	-0.05
12	Landscape architectural services	0.01	0.02	0.02	0.02	-0.01
13	Interior design services	0.02	0.02	0.12	0.10	-0.22
14	Industrial design services	-0.01	0.02	0.00	0.02	-0.03
15	Graphic design services	0.01	0.00	-0.01	0.07	-0.15
16	Computer systems design	0.03	0.05	0.04	0.02	0.00
17	Photography and photofinishing services	-0.01	0.05	0.08	0.02	-0.03
18	All other design services	0.00	0.00	0.00	0.01	-0.02
19	Fine arts education	0.01	0.03	0.03	0.02	-0.14
20	Education services	0.01	0.01	0.01	0.00	-0.03
21	Supporting arts and cultural production	3.96	2.67	3.48	2.28	-1.33
22	Art support services	0.19	-0.02	0.12	0.05	-0.17
23	Rental and leasing	-0.02	-0.04	0.02	0.00	-0.10
24	Grantmaking and giving services	0.00	0.00	0.00	0.00	-0.02
25	Unions	0.00	0.00	0.00	0.00	-0.03
26	Government	0.20	0.01	0.08	0.06	0.01
27	Other support services	0.00	0.01	0.01	-0.01	-0.03
28	Information services	3.58	2.08	3.00	2.26	-0.33
29	Publishing	0.54	0.60	0.32	0.17	0.01
30	Motion pictures	0.05	-0.06	0.48	0.13	-1.75
31	Sound recording	0.07	0.07	0.15	0.17	-0.24
32	Broadcasting	0.99	-0.04	0.07	0.26	-0.17
33	Other information services	1.93	1.52	1.99	1.53	1.82
34	Manufacturing	0.03	-0.10	0.03	-0.15	-0.23
35	Jewelry and silverware manufacturing	-0.04	-0.03	0.02	-0.03	-0.04
36	Printed goods manufacturing	0.03	-0.03	-0.04	-0.04	-0.10
37	Musical instruments manufacturing	0.00	0.00	0.00	-0.01	-0.02
38	Custom architectural woodwork and metalwork manufacturing	0.05	-0.02	0.02	-0.02	-0.07
39	Other goods manufacturing	-0.02	-0.01	0.03	-0.03	-0.01
40	Construction	0.00	0.10	0.05	0.02	-0.14
41	NonACPSA-related production	0.04	-0.08	0.02	-0.01	-0.32
42	Wholesale and transportation industries	0.00	0.35	0.05	-0.06	-0.43
43	Retail industries	0.16	0.24	0.23	0.15	-0.03
44	All other industries¹	0.04	-0.08	0.02	-0.01	-0.32

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

Source. U.S. Bureau of Economic Analysis

Table 11. Real Value-Added Contributions by Arts and Cultural Production Industry

Line	ACPSA industry description	2016	2017	2018	2019	2020
1	Total	3.71	3.13	3.33	3.38	-6.36
2	Core arts and cultural production	0.57	0.72	1.49	0.88	-4.60
3	Performing arts	0.29	0.28	0.55	0.29	-3.53
4	Performing arts companies	0.15	-0.02	0.03	0.02	-0.87
5	Promoters of performing arts and similar events	0.13	0.07	0.11	0.04	-1.40
6	Agents/managers for artists	0.04	-0.01	0.04	0.04	-0.22
7	Independent artists, writers, and performers	-0.03	0.24	0.37	0.19	-1.04
8	Museums	0.06	0.01	0.06	-0.03	-0.21
9	Design services	0.20	0.42	0.83	0.55	-0.67
10	Advertising	0.24	0.20	0.34	0.16	-0.19
11	Architectural services	0.02	0.11	0.18	0.22	-0.01
12	Landscape architectural services	0.00	0.03	0.03	0.02	0.00
13	Interior design services	-0.03	-0.02	0.13	0.05	-0.27
14	Industrial design services	-0.02	0.02	0.00	0.02	-0.04
15	Graphic design services	-0.02	-0.03	-0.02	0.07	-0.16
16	Computer systems design	0.05	0.06	0.06	0.03	0.00
17	Photography and photofinishing services	-0.03	0.06	0.11	-0.01	0.01
18	All other design services	0.00	0.00	0.00	0.01	-0.03
19	Fine arts education	0.01	0.02	0.03	0.05	-0.15
20	Education services	0.02	-0.01	0.02	0.02	-0.04
21	Supporting arts and cultural production	3.10	2.47	1.80	2.48	-1.45
22	Art support services	0.13	0.12	0.08	0.05	-0.37
23	Rental and leasing	0.03	-0.02	0.02	0.01	-0.11
24	Grantmaking and giving services	0.00	0.00	0.00	0.00	-0.02
25	Unions	0.00	0.00	0.00	0.01	-0.03
26	Government	0.10	0.12	0.05	0.03	-0.17
27	Other support services	0.00	0.01	0.00	-0.01	-0.04
28	Information services	2.75	1.69	1.54	2.43	0.13
29	Publishing	0.38	0.87	0.82	0.44	0.07
30	Motion pictures	0.30	-0.02	-0.86	-0.06	-1.29
31	Sound recording	0.10	0.10	-0.04	0.18	-0.27
32	Broadcasting	0.70	-0.06	-0.29	-0.10	-0.24
33	Other information services	1.27	0.80	1.92	1.96	1.86
34	Manufacturing	0.03	-0.01	0.08	-0.12	-0.20
35	Jewelry and silverware manufacturing	0.02	0.01	0.05	-0.07	-0.02
36	Printed goods manufacturing	0.00	-0.01	-0.01	-0.02	-0.09
37	Musical instruments manufacturing	0.02	0.00	0.00	-0.01	-0.02
38	Custom architectural woodwork and metalwork manufacturing	0.02	0.00	0.01	-0.01	-0.08
39	Other goods manufacturing	-0.03	-0.01	0.03	-0.01	0.01
40	Construction	0.06	0.19	-0.05	0.01	-0.47
41	NonACPSA-related production	0.04	-0.06	0.03	0.01	-0.28
42	Wholesale and transportation industries	-0.01	0.22	-0.04	-0.06	-0.37
43	Retail industries	0.15	0.26	0.18	0.18	-0.17
44	All other industries¹	0.04	-0.06	0.03	0.01	-0.28

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

Source. U.S. Bureau of Economic Analysis