

# News Release

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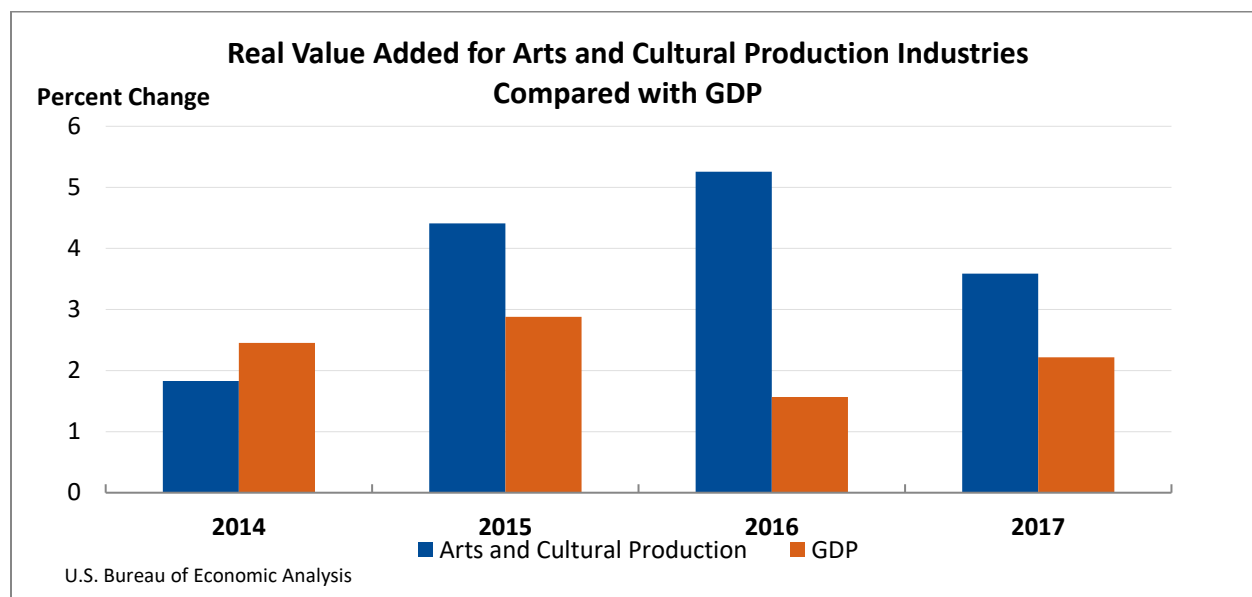
BEA 20-10

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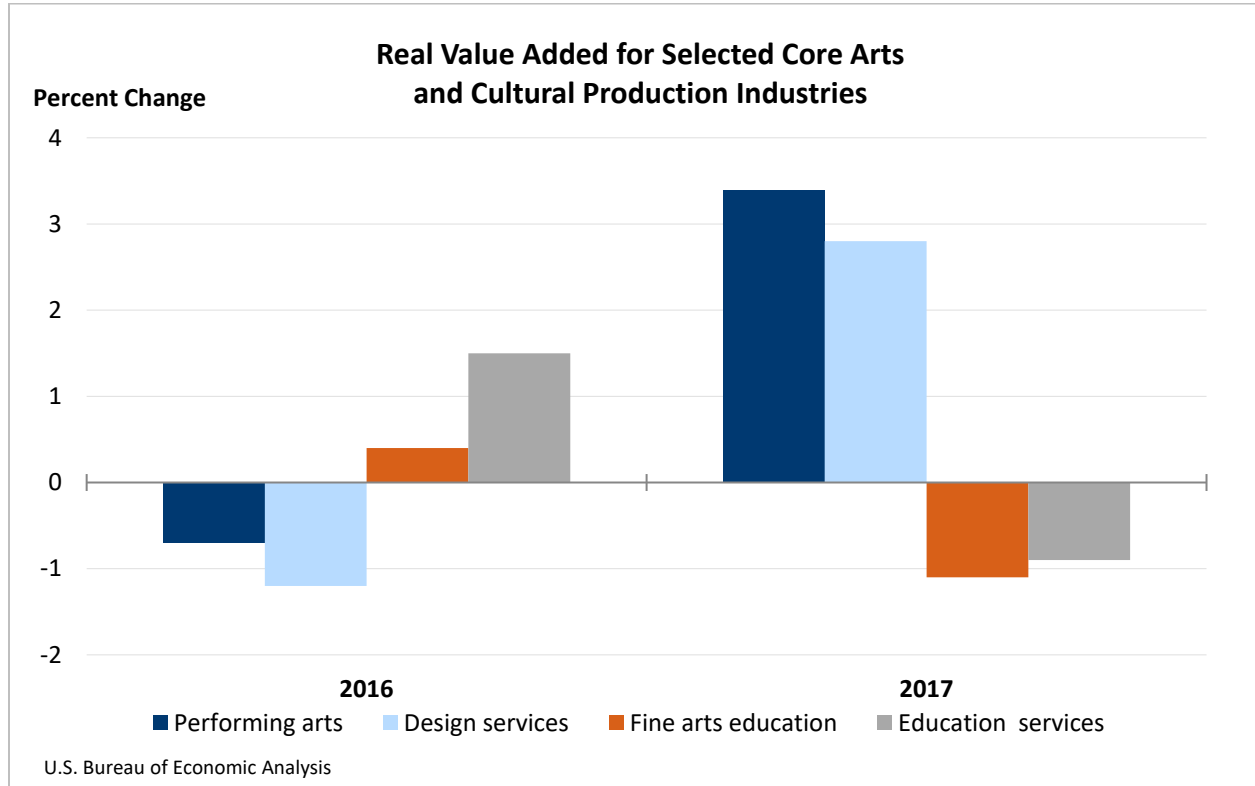
## Arts and Cultural Production Satellite Account, U.S. and States 2017

*Washington leads states with 11.5 percent growth*

The Arts and Cultural Production Satellite Account released today by the U.S. Department of Commerce's Bureau of Economic Analysis (BEA) shows that arts and cultural economic activity, adjusted for inflation, increased 3.6 percent in 2017. That compares with a 5.3 percent increase in 2016 (table 1). Arts and cultural economic activity accounted for 4.5 percent of gross domestic product (GDP), or \$877.8 billion, in 2017 (table 2 and 3). With this release the arts and cultural production statistics are updated to incorporate revised data from BEA's National Income and Product Accounts.



Information services was the leading contributor to the overall growth in arts and cultural production at the national level in 2017, followed by design services. Core arts and cultural production industries, which include performing arts, museums, design services, and fine arts education, grew 2.7 percent. Supporting arts and cultural production industries, including art support services and information services, increased 4.0 percent.



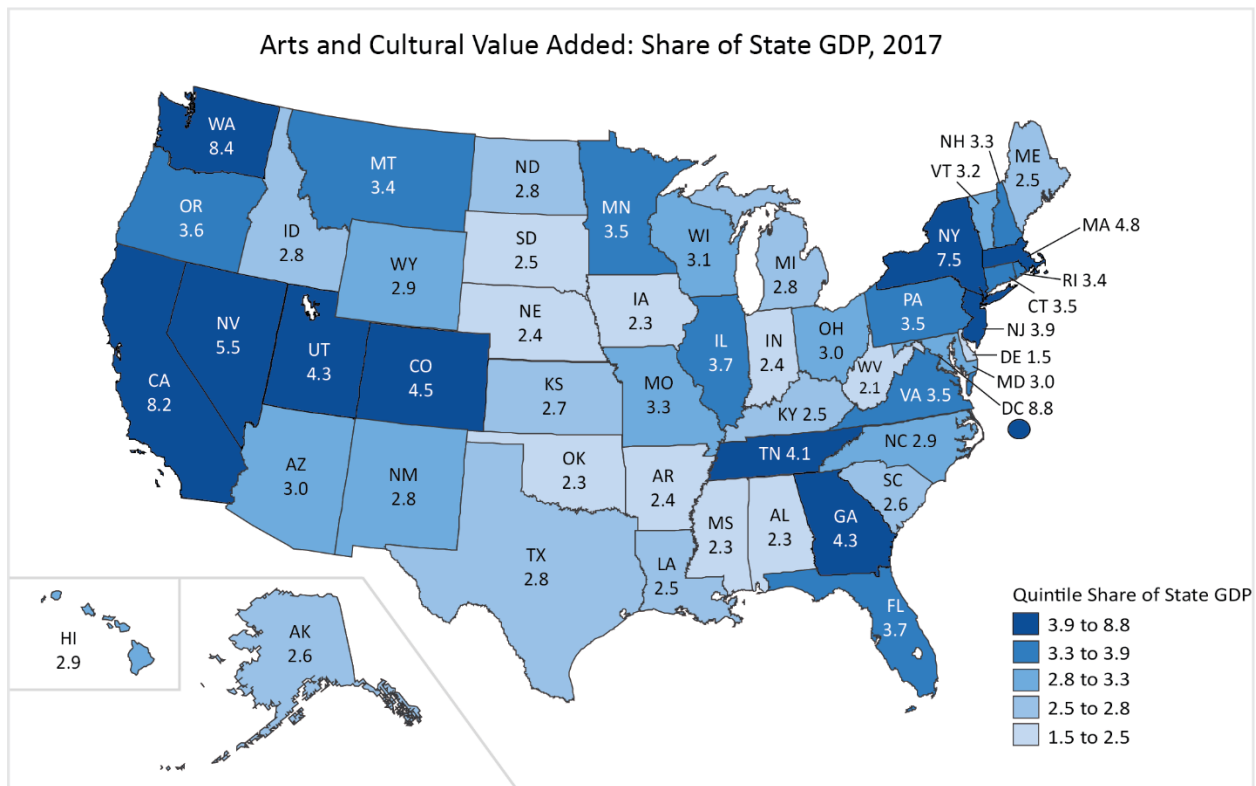
- For performing arts, real value added increased 3.4 percent in 2017, after decreasing 0.7 percent in 2016. The leading contributor to the increase was independent artists, writers, and performers, which increased 4.9 percent in 2017, after decreasing 5.5 percent in 2016.
- For design services, real value added increased 2.8 percent in 2017, after decreasing 1.2 percent in 2016. The leading contributor to the increase was architectural services, followed by advertising.

### Nominal Value Added

Nominal value added (not adjusted for inflation) increased 4.6 percent nationally in 2017 (table 2). The leading contributor to the increase was information services, which includes the broadcasting and publishing industries (table 4). Core arts and cultural production industries increased 4.4 percent, to a level of \$179.0 billion; the leading contributors to the increase were performing arts and design services. Supporting arts and cultural industries increased 4.7 percent, to a level of \$676.7 billion; the leading contributor to the increase was information services.

Nominal value added in arts and cultural industries increased in every state and the District of Columbia in 2017, except West Virginia, Louisiana, Vermont, and Michigan. The percent change in value added in arts and cultural industries across all states ranged from 11.5 percent in Washington to -3.1 percent in West Virginia in 2017 (table 4).

For states and the District of Columbia, the arts and cultural share of total GDP ranged from 8.8 percent in the District of Columbia to 1.5 percent in Delaware (table 3). The share for most states ranged between 2 and 5 percent. The District of Columbia, Washington, California, New York, and Nevada were the only areas where the arts and culture share of total GDP exceeded 5 percent.

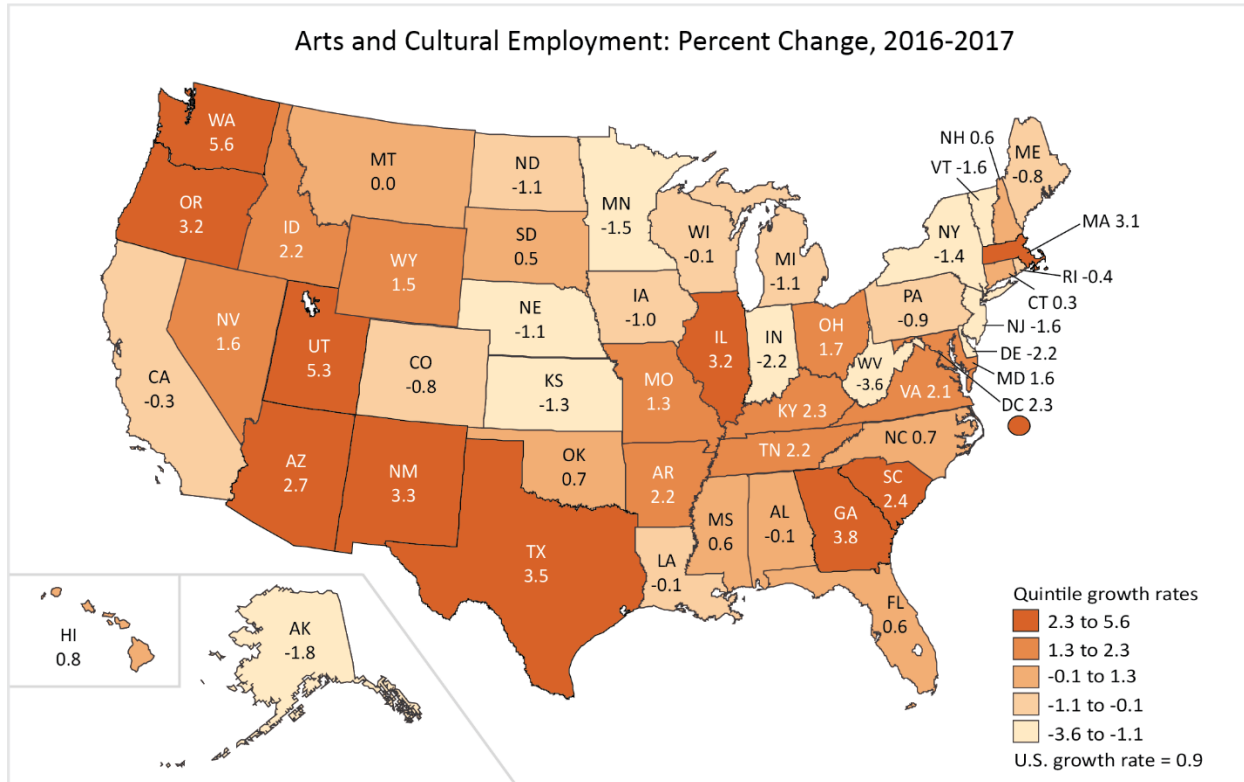


U.S. Bureau of Economic Analysis

The top arts and cultural industries varied among the states. In the District of Columbia, government and broadcasting were the leading contributors to the share of total GDP (table 3). In Washington, publishing and retail industries were the leading contributors to the share of total GDP. In California, information services and independent artists, writers, and performers were the leading contributors to the share of total GDP.

### Employment

Arts and cultural employment nationwide increased 0.9 percent in 2017 (table 8). The total number of arts and cultural jobs for the nation was 5.1 million. Arts and cultural employment increased in 29 states and the District of Columbia. The percent change in arts and cultural employment across all states ranged from 5.6 percent in Washington to -3.6 percent in West Virginia.



U.S. Bureau of Economic Analysis

Washington had 167,004 jobs related to arts and culture, representing 4.7 percent of all jobs in the state. The retail industry was the leading contributor to the increase in total arts and cultural employment in Washington (table 9).

### Updates to the Arts and Cultural Production Satellite Account

Today, BEA also released updated arts and cultural production statistics at the national level on output, value added, intermediate inputs, employment, and compensation from 1998 to 2016 and updated state statistics on value added, employment, and compensation from 2001 to 2016. These revised and newly available arts and cultural production statistics primarily reflect the incorporation of the [2018 comprehensive update of the Industry Economic Accounts](#), released on November 1<sup>st</sup>, 2018. This comprehensive update incorporated updated definitions and classifications as well as statistical changes, including improved methodologies and newly available and revised 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.

#### Note

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

## Additional Information

### Resources

Additional resources available at [www.bea.gov](http://www.bea.gov):

- Stay informed about BEA developments by reading the BEA [blog](#), 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 2017 are available at [Arts and Cultural Production](#).
- BEA's [news release schedule](#)
- Access BEA data by registering for BEA's Data [Application Programming Interface](#) (API).
- [U.S. Arts and Cultural Production Satellite Accounts](#): Overview, concepts, and methodology.

### Definitions

#### ***Defining 'Culture' in the context of Input-Output Tables for the Arts and Cultural Production Satellite Account.***

Culture can be defined in a variety of ways to include: 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 the support of it; and the construction of buildings in which it is taking 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 where 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).

**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 as "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.

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

Line	Industry ACPSA Description	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1	<b>Total</b>	9.3	-0.2	2.6	6.1	1.2	4.8	-1.1	1.9	5.0	4.1	-4.7	4.9	0.9	0.6	3.9	1.8	4.4	5.3	3.6
2	<b>Core Arts and Cultural Production</b>	4.0	4.3	1.7	5.9	2.2	2.6	-2.4	2.0	-0.3	8.1	-5.2	3.1	4.4	5.9	0.0	5.1	0.5	-0.6	2.7
3	Performing Arts	1.4	3.3	3.2	7.8	6.0	2.3	-2.3	5.2	-5.6	7.1	4.0	2.7	5.8	7.5	0.2	5.3	-1.8	-0.7	3.4
4	Performing Arts Companies	0.9	6.1	1.7	-11.8	1.3	15.1	0.0	-3.6	-8.3	9.5	3.9	2.8	9.2	-3.1	-4.9	2.8	-6.1	2.8	-0.8
5	Promoters of Performing Arts and Similar Events	4.7	5.8	-1.7	44.0	2.9	-7.6	-0.9	10.9	-6.9	6.0	8.0	1.2	1.1	17.6	3.3	7.6	-8.5	7.3	3.7
6	Agents/Managers for Artists	7.2	3.3	-5.0	2.0	2.4	3.0	-6.8	3.5	-5.0	10.8	0.3	1.9	19.7	7.4	1.3	6.0	-6.7	4.9	3.2
7	Independent Artists, Writers, and Performers	0.1	0.9	6.7	10.1	9.8	-0.2	-3.4	8.1	-3.9	6.0	3.0	3.2	4.5	9.1	1.0	5.4	3.1	-5.5	4.9
8	Museums	12.1	6.8	6.2	4.0	8.1	0.8	8.7	5.2	4.9	4.5	3.0	-4.9	4.2	29.7	0.2	3.0	-17.1	4.3	0.8
9	Design Services	4.9	4.6	0.6	5.5	-0.6	2.6	-3.3	-0.2	3.1	9.2	-12.5	4.6	4.1	3.8	-0.1	5.4	4.0	-1.2	2.8
10	Advertising	10.5	11.5	1.3	13.7	-1.7	3.8	-8.7	-5.2	2.0	12.0	-7.3	10.9	4.2	-4.9	-0.6	3.8	3.5	-0.1	3.3
11	Architectural Services	2.0	8.2	3.1	-3.2	3.6	0.8	3.5	3.8	6.9	4.4	-16.9	-5.3	6.0	7.0	2.3	7.1	5.7	1.5	5.2
12	Landscape Architectural Services	1.3	8.4	6.9	3.1	0.4	2.4	1.7	3.3	-2.6	4.9	-17.2	-2.2	-1.2	7.1	5.4	4.3	0.2	-1.7	0.7
13	Interior Design Services	0.7	-6.2	3.6	6.3	11.5	15.4	3.6	8.9	8.7	13.3	-20.1	3.4	4.7	13.0	0.6	8.9	6.9	-7.0	-1.8
14	Industrial Design Services	17.4	4.7	4.8	3.8	-7.9	7.2	-8.6	-4.5	-1.2	2.7	-11.4	6.2	16.4	10.6	-2.5	5.1	4.7	-6.6	-7.5
15	Graphic Design Services	0.0	-5.8	1.0	2.2	-4.4	0.6	-6.0	-2.2	-4.0	14.0	-13.8	11.1	3.3	9.9	-5.6	5.0	4.9	-1.3	-1.2
16	Computer Systems Design	16.1	8.9	4.0	-8.1	15.2	15.4	17.1	12.9	18.4	8.5	4.4	16.2	13.2	17.5	4.0	7.8	8.7	11.0	13.0
17	Photography and Photofinishing Services	2.0	-1.2	-7.8	6.4	-8.3	-6.5	-5.7	-1.2	-1.8	7.0	-12.2	-0.5	-3.9	5.3	-0.8	2.5	-2.2	-7.1	6.0
18	All Other Design Services	16.5	2.7	-4.5	-0.9	15.3	26.9	-3.9	-5.9	9.1	0.2	-6.1	9.3	21.1	22.6	-5.6	11.1	1.9	3.1	-13.6
19	Fine Arts Education	-0.1	-0.4	-9.4	-20.7	9.8	5.9	-4.6	-3.2	-8.3	10.9	3.1	-3.2	-11.0	-15.5	-4.1	6.0	-0.2	0.4	-1.1
20	Education Services	7.6	9.8	7.6	7.4	5.4	7.4	-0.2	2.9	0.6	5.3	5.8	-0.6	2.8	2.5	0.8	2.2	3.3	1.5	-0.9
21	<b>Supporting Arts and Cultural Production</b>	10.5	-2.0	2.9	6.3	1.2	5.5	-0.9	1.9	6.6	3.4	-4.7	5.9	0.1	-0.6	5.3	0.8	5.6	7.0	4.0
22	Art Support Services	3.3	2.0	3.3	0.0	-7.2	-7.2	-7.3	-5.1	-7.4	-0.1	-1.8	-2.1	-2.1	-2.2	0.0	-0.2	0.3	0.6	0.6
23	Rental and Leasing	12.0	-5.4	10.0	-2.7	-5.4	0.1	-7.4	24.5	-11.5	-6.6	-14.5	-12.3	-13.9	-5.0	-3.2	-2.5	12.4	4.4	-2.1
24	Grant-Making and Giving Services	11.4	15.3	3.4	3.2	13.4	-8.6	3.9	20.3	11.5	-7.7	9.0	-10.9	16.9	-20.7	7.3	2.7	8.2	-1.2	3.9
25	Unions	-6.6	-11.7	-9.0	-18.1	12.8	7.6	-5.8	12.5	-11.7	12.6	8.1	-7.5	3.7	-5.8	8.4	-3.1	2.0	-2.0	7.7
26	Government	2.8	2.8	3.0	0.3	-7.6	-7.9	-7.4	-7.3	-7.3	0.4	-1.0	-1.3	-1.7	-1.8	0.1	-0.1	-0.3	0.4	0.6
27	Other Support Services	-0.7	-22.4	-4.5	-15.6	21.0	27.1	8.5	9.7	14.8	-4.5	-19.7	-1.3	-6.8	-2.8	-4.4	4.1	3.2	3.5	17.3
28	Information Services	15.6	-7.1	4.0	12.5	6.1	11.9	1.5	4.6	14.3	6.6	-1.7	7.3	0.8	1.0	7.8	0.8	8.2	10.1	5.1
29	Publishing	22.9	-17.9	-10.0	15.2	10.4	7.8	5.8	-5.9	18.4	-4.4	-8.4	5.3	2.0	0.7	0.5	0.4	4.5	6.2	4.5
30	Motion Pictures	21.4	-9.6	12.6	18.3	1.7	8.8	-10.6	12.8	14.2	3.9	12.3	11.4	-5.8	-7.0	4.3	-0.8	6.7	0.1	0.2
31	Sound Recording	21.3	-16.1	35.2	-13.4	-8.5	5.0	-21.4	14.5	14.8	13.6	2.0	1.8	-9.7	7.9	-10.2	4.0	12.6	6.4	5.3
32	Broadcasting	7.2	10.7	-0.3	6.9	8.0	15.0	10.1	3.3	13.7	7.9	-5.0	5.7	-0.9	5.1	5.9	-3.8	3.9	0.7	-1.5
33	Other Information Services	-26.1	-32.6	137.4	95.0	15.8	40.8	4.0	26.8	3.9	46.2	-2.2	11.6	23.3	1.6	38.7	14.0	22.6	41.9	17.6
34	Manufacturing	11.3	5.2	-4.2	-3.7	3.6	10.8	5.2	7.9	16.7	3.4	-24.5	-3.1	-3.8	2.2	0.8	3.9	-5.1	-1.1	1.0
35	Jewelry and Silverware Manufacturing	15.0	-3.2	9.5	-16.0	11.7	19.9	19.3	17.0	5.1	24.2	-44.1	-10.4	-21.4	4.5	-10.1	24.4	-20.7	-2.8	11.5
36	Printed Goods Manufacturing	5.7	4.0	-6.9	-8.8	0.1	14.8	2.3	4.8	20.6	0.6	-14.8	-2.1	-0.8	-1.4	3.6	-4.2	-7.2	-2.6	-2.9
37	Musical Instruments Manufacturing	17.4	-0.6	-14.9	4.1	0.4	-11.8	4.0	8.9	-6.5	-8.8	1.8	10.4	-1.3	6.8	-7.6	-4.5	-4.2	5.0	-4.2
38	Custom Architectural Woodwork and Metalwork Manufacturing	2.4	6.3	-8.1	36.1	-3.5	-6.1	0.3	3.1	39.8	1.7	-31.9	0.6	3.6	8.2	5.6	0.6	3.8	1.3	1.5
39	Camera and Motion Picture Equipment Manufacturing	28.4	21.2	-6.2	4.1	9.4	8.6	-0.8	7.2	12.4	-11.3	-16.6	-3.9	0.9	3.8	3.6	12.9	9.4	-0.3	1.1
40	Other Goods Manufacturing	9.9	6.2	-2.1	-4.6	-7.5	8.1	-8.2	-2.6	-17.1	-18.0	-13.6	27.6	-12.5	-25.0	6.2	2.8	7.6	10.3	4.7
41	Construction	13.7	15.8	1.0	1.9	-2.8	0.2	2.1	0.1	1.9	-3.6	-2.6	-6.7	-1.7	-5.9	-3.0	4.7	3.1	1.9	-1.0
42	Wholesale and Transportation Industries	10.2	10.0	0.1	5.2	-1.6	4.5	0.3	1.4	6.3	3.7	-24.6	23.0	6.3	-2.0	1.1	0.5	3.1	-1.0	2.3
43	Retail Industries	2.7	3.0	3.1	1.7	2.4	2.4	0.7	2.8	-2.6	-3.9	-6.0	1.0	1.0	-1.4	1.7	1.9	2.5	3.6	4.1
44	<b>All Other Industries<sup>1</sup></b>	13.7	15.8	1.0	1.9	-2.8	0.2	2.1	0.1	1.9	-3.6	-2.6	-6.7	-1.7	-5.9	-3.0	4.7	3.1	1.9	-1.0

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

Source: U.S. Bureau of Economic Analysis

Table 2. Arts and Cultural Production Value Added by State, 2017

	[Thousands of dollars]			Percent change, 2016-2017		
	Total Arts and Cultural Production Industries <sup>1</sup>	Core Arts and Cultural Production Industries	Supporting Arts and Cultural Production Industries	Total Arts and Cultural Production Industries <sup>1</sup>	Core Arts and Cultural Production Industries	Supporting Arts and Cultural Production Industries
<b>United States</b>	<b>877,809,406</b>	<b>179,010,175</b>	<b>676,695,037</b>	<b>4.6</b>	<b>4.4</b>	<b>4.7</b>
Alabama	4,874,683	717,883	3,890,889	2.1	4.5	1.7
Alaska	1,369,618	123,361	1,200,860	0.3	-2.8	0.6
Arizona	9,677,017	1,896,877	7,397,195	4.7	4.9	4.8
Arkansas	2,946,189	504,742	2,275,473	3.0	5.0	2.6
California	230,292,939	48,212,266	179,499,591	9.1	6.6	9.9
Colorado	15,631,746	3,019,103	12,222,454	1.0	4.5	0.1
Connecticut	9,340,675	1,899,346	7,096,728	0.7	2.9	0.2
Delaware	1,029,175	215,842	740,387	1.1	5.7	-0.2
District of Columbia	11,832,998	3,049,069	8,681,859	5.8	9.5	4.6
Florida	36,937,051	8,793,753	26,888,334	2.2	0.6	2.7
Georgia	24,407,286	4,674,090	19,072,940	6.1	5.4	6.4
Hawaii	2,606,035	731,201	1,786,842	6.4	10.0	5.2
Idaho	2,014,179	286,035	1,643,119	4.4	9.4	3.7
Illinois	30,348,387	7,329,078	22,034,795	4.9	6.8	4.5
Indiana	8,357,145	1,359,043	6,553,563	1.6	-0.7	2.0
Iowa	4,237,048	662,873	3,343,033	0.6	1.0	0.5
Kansas	4,370,326	603,376	3,564,031	0.7	-0.9	1.0
Kentucky	4,970,078	774,995	3,925,596	2.3	3.8	2.1
Louisiana	5,942,666	992,301	4,664,722	-1.7	4.0	-2.9
Maine	1,553,946	385,081	1,089,743	0.3	1.6	-0.3
Maryland	11,719,506	2,324,776	8,999,832	2.6	1.7	2.9
Massachusetts	25,804,673	5,372,201	19,806,927	5.9	6.9	5.7
Michigan	13,915,436	3,227,744	9,993,388	-0.5	4.5	-2.2
Minnesota	12,208,522	2,600,491	9,130,536	1.7	4.8	0.9
Mississippi	2,480,831	274,264	2,064,786	2.2	1.6	2.3
Missouri	10,015,106	2,315,068	7,295,588	2.8	3.3	2.7
Montana	1,595,641	314,649	1,221,452	3.8	10.6	2.3
Nebraska	2,943,343	648,382	2,149,144	3.0	7.0	2.0
Nevada	8,737,719	1,958,581	6,615,229	3.0	-5.6	5.9
New Hampshire	2,657,832	456,324	2,099,916	1.8	3.1	1.5
New Jersey	23,016,420	4,033,317	18,256,614	0.9	-0.7	1.2
New Mexico	2,672,733	365,950	2,211,877	0.2	2.3	-0.1
New York	119,971,904	30,297,155	88,159,939	0.3	2.7	-0.5
North Carolina	15,348,573	2,974,581	11,745,200	2.2	7.8	0.9
North Dakota	1,454,678	150,893	1,242,578	1.2	1.3	1.1
Ohio	19,163,888	4,274,436	14,071,994	0.6	0.7	0.5
Oklahoma	4,386,366	777,127	3,369,556	1.6	2.1	1.5
Oregon	8,110,820	1,712,120	6,133,631	4.7	5.9	4.5
Pennsylvania	25,786,788	4,799,297	20,048,713	3.3	2.7	3.5
Rhode Island	1,998,128	387,857	1,540,055	2.5	1.1	2.9
South Carolina	5,835,300	1,026,088	4,542,487	6.6	1.0	8.3
South Dakota	1,229,003	174,713	995,203	2.8	4.0	2.6
Tennessee	14,191,834	4,014,924	9,759,638	5.9	7.6	5.5
Texas	46,566,490	9,201,866	35,444,171	4.0	4.0	4.1
Utah	7,213,519	1,220,795	5,803,721	5.6	5.8	5.7
Vermont	1,043,255	264,968	740,413	-1.0	2.2	-2.2
Virginia	17,921,577	2,998,554	14,355,074	2.7	4.7	2.3
Washington	44,302,906	2,702,504	41,034,683	11.5	6.0	12.0
West Virginia	1,559,276	113,711	1,354,478	-3.1	0.9	-3.8
Wisconsin	10,119,079	1,661,633	8,005,962	2.1	3.4	1.8
Wyoming	1,099,074	134,890	930,098	2.7	6.7	2.2

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

Source: U.S. Bureau of Economic Analysis



Table 3. Industry Contributions to Share of Arts and Cultural Production of Total GDP, 2017--Continues

	Share of arts and cultural production of total GDP <sup>1</sup>	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	4.5	0.07	0.08	0.03	0.20	0.04	0.15	0.11	0.19	0.01	0.04
Alabama	2.3	0.02	0.02	0.00	0.02	0.02	0.08	0.07	0.08	0.01	0.02
Alaska	2.6	0.03	0.03	0.00	0.01	0.04	0.03	0.06	0.04	0.01	0.01
Arizona	3.0	0.04	0.07	0.01	0.05	0.04	0.09	0.10	0.15	0.01	0.03
Arkansas	2.4	0.02	0.04	0.00	0.01	0.03	0.13	0.09	0.07	0.01	0.02
California	8.2	0.11	0.08	0.09	0.79	0.04	0.18	0.13	0.26	0.02	0.03
Colorado	4.5	0.04	0.09	0.00	0.11	0.04	0.14	0.14	0.25	0.02	0.02
Connecticut	3.5	0.04	0.05	0.02	0.07	0.05	0.16	0.09	0.13	0.02	0.08
Delaware	1.5	0.02	0.01	0.00	0.02	0.05	0.08	0.02	0.08	0.01	0.01
District of Columbia	8.8	0.07	0.54	0.02	0.09	0.07	0.70	0.36	0.19	0.02	0.21
Florida	3.7	0.08	0.08	0.02	0.15	0.04	0.12	0.09	0.27	0.01	0.02
Georgia	4.3	0.04	0.11	0.01	0.10	0.02	0.20	0.11	0.21	0.01	0.03
Hawaii	2.9	0.11	0.03	0.00	0.17	0.13	0.04	0.14	0.16	0.01	0.04
Idaho	2.8	0.03	0.03	0.00	0.06	0.01	0.05	0.08	0.11	0.00	0.02
Illinois	3.7	0.06	0.06	0.01	0.05	0.05	0.26	0.12	0.21	0.01	0.04
Indiana	2.4	0.03	0.05	0.00	0.03	0.03	0.06	0.05	0.10	0.01	0.03
Iowa	2.3	0.02	0.04	0.00	0.02	0.02	0.08	0.06	0.09	0.01	0.03
Kansas	2.7	0.02	0.03	0.00	0.01	0.01	0.08	0.09	0.11	0.01	0.02
Kentucky	2.5	0.02	0.04	0.00	0.03	0.05	0.08	0.05	0.09	0.01	0.02
Louisiana	2.5	0.02	0.06	0.00	0.05	0.04	0.07	0.06	0.07	0.01	0.03
Maine	2.5	0.04	0.05	0.00	0.14	0.04	0.08	0.10	0.10	0.02	0.04
Maryland	3.0	0.06	0.04	0.00	0.05	0.02	0.06	0.11	0.18	0.02	0.04
Massachusetts	4.8	0.07	0.09	0.01	0.11	0.06	0.14	0.18	0.18	0.02	0.14
Michigan	2.8	0.04	0.05	0.01	0.04	0.03	0.14	0.08	0.21	0.01	0.02
Minnesota	3.5	0.07	0.05	0.01	0.03	0.04	0.20	0.12	0.17	0.02	0.03
Mississippi	2.3	0.01	0.01	0.00	0.04	0.01	0.06	0.05	0.04	0.00	0.02
Missouri	3.3	0.07	0.09	0.00	0.04	0.04	0.15	0.14	0.19	0.01	0.04
Montana	3.4	0.08	0.02	0.00	0.13	0.04	0.06	0.16	0.14	0.01	0.01
Nebraska	2.4	0.02	0.07	0.00	0.08	0.04	0.07	0.12	0.10	0.01	0.02
Nevada	5.5	0.35	0.23	0.01	0.29	0.02	0.09	0.07	0.15	0.01	0.01
New Hampshire	3.3	0.04	0.03	0.00	0.09	0.02	0.08	0.05	0.15	0.02	0.08
New Jersey	3.9	0.05	0.07	0.01	0.09	0.01	0.15	0.09	0.17	0.02	0.03
New Mexico	2.8	0.04	0.03	0.00	0.07	0.03	0.03	0.07	0.08	0.02	0.01
New York	7.5	0.18	0.22	0.08	0.33	0.08	0.44	0.17	0.29	0.03	0.08
North Carolina	2.9	0.02	0.06	0.01	0.06	0.03	0.08	0.08	0.17	0.01	0.04
North Dakota	2.8	0.01	0.03	0.00	0.03	0.01	0.05	0.06	0.06	0.01	0.01
Ohio	3.0	0.04	0.14	0.00	0.04	0.05	0.09	0.08	0.18	0.01	0.03
Oklahoma	2.3	0.07	0.02	0.01	0.03	0.03	0.05	0.08	0.11	0.01	0.01
Oregon	3.6	0.06	0.04	0.01	0.07	0.03	0.14	0.14	0.22	0.01	0.02
Pennsylvania	3.5	0.05	0.05	0.00	0.04	0.05	0.12	0.09	0.13	0.01	0.10
Rhode Island	3.4	0.06	0.03	0.01	0.05	0.07	0.08	0.07	0.16	0.01	0.12
South Carolina	2.6	0.04	0.04	0.01	0.04	0.03	0.08	0.08	0.12	0.01	0.02
South Dakota	2.5	0.01	0.06	0.00	0.05	0.05	0.06	0.05	0.06	0.00	0.02
Tennessee	4.1	0.30	0.08	0.06	0.30	0.05	0.09	0.09	0.14	0.01	0.03
Texas	2.8	0.04	0.04	0.01	0.07	0.03	0.08	0.11	0.16	0.01	0.02
Utah	4.3	0.06	0.07	0.00	0.09	0.03	0.12	0.11	0.19	0.02	0.04
Vermont	3.2	0.07	0.06	0.01	0.12	0.07	0.08	0.11	0.17	0.04	0.10
Virginia	3.5	0.03	0.04	0.01	0.07	0.05	0.11	0.10	0.15	0.01	0.03
Washington	8.4	0.05	0.04	0.00	0.03	0.03	0.07	0.14	0.13	0.01	0.01
West Virginia	2.1	0.01	0.01	0.00	0.01	0.01	0.04	0.02	0.03	0.00	0.02
Wisconsin	3.1	0.04	0.04	0.00	0.05	0.02	0.11	0.08	0.13	0.02	0.04
Wyoming	2.9	0.02	0.04	0.00	0.06	0.04	0.03	0.05	0.09	0.01	0.01

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

Source: U.S. Bureau of Economic Analysis

Table 3. Industry Contributions to Share of Arts and Cultural Production of Total GDP, 2017--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 support services	Publishing	Motion pictures	Sound recording	Broadcasting	Other information services				
United States	0.03	0.54	0.01	0.49	0.38	0.07	0.74	0.65	0.08	0.08	0.19	0.21
Alabama	0.02	0.56	0.01	0.18	0.04	0.01	0.63	0.05	0.07	0.08	0.11	0.11
Alaska	0.01	1.25	0.01	0.05	0.05	0.00	0.73	0.02	0.01	0.08	0.06	0.06
Arizona	0.02	0.53	0.01	0.21	0.08	0.03	0.64	0.20	0.06	0.04	0.12	0.32
Arkansas	0.01	0.63	0.01	0.14	0.04	0.01	0.64	0.03	0.07	0.06	0.10	0.10
California	0.03	0.40	0.01	0.71	1.34	0.10	0.68	2.43	0.06	0.15	0.27	0.18
Colorado	0.02	0.65	0.01	0.72	0.08	0.01	1.35	0.25	0.07	0.08	0.12	0.13
Connecticut	0.01	0.49	0.01	0.37	0.43	0.01	0.60	0.34	0.07	0.05	0.10	0.15
Delaware	0.02	0.27	0.01	0.09	0.03	0.00	0.38	0.05	0.02	0.04	0.06	0.10
District of Columbia	0.01	3.29	0.17	0.59	0.09	0.04	1.21	0.97	0.00	0.03	0.02	0.05
Florida	0.04	0.42	0.01	0.30	0.15	0.11	0.88	0.15	0.06	0.13	0.22	0.26
Georgia	0.03	0.45	0.01	0.52	0.45	0.02	1.24	0.25	0.06	0.06	0.12	0.16
Hawaii	0.03	0.51	0.02	0.11	0.44	0.00	0.47	0.04	0.04	0.10	0.14	0.08
Idaho	0.01	0.70	0.01	0.17	0.04	0.00	0.72	0.09	0.03	0.12	0.19	0.19
Illinois	0.05	0.57	0.03	0.28	0.08	0.06	0.45	0.47	0.10	0.04	0.34	0.20
Indiana	0.01	0.55	0.01	0.16	0.04	0.06	0.47	0.12	0.13	0.06	0.11	0.16
Iowa	0.02	0.61	0.01	0.28	0.03	0.01	0.41	0.15	0.08	0.06	0.07	0.10
Kansas	0.02	0.62	0.01	0.19	0.05	0.02	0.84	0.12	0.09	0.04	0.10	0.12
Kentucky	0.01	0.66	0.01	0.11	0.05	0.06	0.57	0.05	0.10	0.05	0.16	0.13
Louisiana	0.09	0.45	0.01	0.07	0.44	0.02	0.52	0.02	0.07	0.06	0.12	0.09
Maine	0.01	0.54	0.01	0.20	0.06	0.02	0.46	0.09	0.08	0.03	0.09	0.16
Maryland	0.06	0.58	0.02	0.25	0.07	0.06	0.67	0.13	0.06	0.09	0.17	0.11
Massachusetts	0.01	0.47	0.01	1.30	0.11	0.02	0.52	0.72	0.10	0.13	0.12	0.14
Michigan	0.02	0.55	0.01	0.24	0.09	0.02	0.45	0.13	0.09	0.04	0.21	0.13
Minnesota	0.01	0.60	0.01	0.57	0.05	0.06	0.53	0.06	0.18	0.10	0.25	0.18
Mississippi	0.02	0.63	0.00	0.08	0.03	0.07	0.69	0.02	0.04	0.06	0.11	0.12
Missouri	0.02	0.59	0.01	0.22	0.05	0.01	0.94	0.08	0.08	0.06	0.13	0.20
Montana	0.01	0.99	0.01	0.18	0.13	0.00	0.84	0.02	0.10	0.11	0.06	0.11
Nebraska	0.01	0.55	0.01	0.20	0.03	0.01	0.48	0.14	0.04	0.11	0.05	0.14
Nevada	0.10	0.60	0.01	0.17	0.14	0.15	0.53	1.72	0.08	0.15	0.32	0.21
New Hampshire	0.02	0.54	0.01	0.68	0.07	0.02	0.53	0.10	0.12	0.06	0.15	0.31
New Jersey	0.03	0.57	0.01	0.37	0.17	0.01	0.56	0.48	0.11	0.05	0.53	0.17
New Mexico	0.02	0.76	0.01	0.10	0.39	0.09	0.60	0.04	0.09	0.07	0.06	0.11
New York	0.02	0.55	0.02	0.58	1.14	0.17	1.37	1.11	0.10	0.05	0.20	0.17
North Carolina	0.01	0.45	0.01	0.43	0.05	0.03	0.59	0.11	0.09	0.05	0.24	0.13
North Dakota	0.03	0.73	0.01	0.47	0.04	0.00	0.58	0.01	0.06	0.20	0.11	0.14
Ohio	0.01	0.56	0.01	0.29	0.05	0.02	0.54	0.20	0.13	0.07	0.12	0.18
Oklahoma	0.03	0.45	0.01	0.14	0.04	0.02	0.60	0.07	0.06	0.16	0.11	0.11
Oregon	0.03	0.68	0.01	0.65	0.18	0.02	0.58	0.11	0.09	0.05	0.11	0.19
Pennsylvania	0.04	0.48	0.01	0.31	0.09	0.02	1.00	0.27	0.12	0.07	0.12	0.18
Rhode Island	0.02	0.58	0.02	0.24	0.10	0.01	0.72	0.08	0.59	0.05	0.13	0.10
South Carolina	0.01	0.56	0.01	0.19	0.06	0.09	0.61	0.08	0.09	0.05	0.17	0.11
South Dakota	0.01	0.75	0.01	0.11	0.05	0.00	0.55	0.02	0.12	0.12	0.09	0.17
Tennessee	0.03	0.42	0.01	0.21	0.28	0.68	0.56	0.08	0.11	0.08	0.14	0.23
Texas	0.03	0.48	0.01	0.25	0.10	0.09	0.62	0.09	0.06	0.08	0.17	0.14
Utah	0.02	0.54	0.01	0.82	0.19	0.02	0.58	0.53	0.15	0.09	0.18	0.34
Vermont	0.01	0.59	0.01	0.38	0.05	0.00	0.59	0.14	0.17	0.07	0.12	0.16
Virginia	0.01	0.59	0.02	0.27	0.07	0.04	1.23	0.20	0.06	0.06	0.15	0.12
Washington	0.02	0.72	0.02	3.07	0.06	0.03	0.49	1.41	0.05	0.08	0.08	1.78
West Virginia	0.04	0.72	0.01	0.09	0.03	0.00	0.64	0.01	0.06	0.10	0.05	0.10
Wisconsin	0.01	0.66	0.01	0.61	0.04	0.03	0.43	0.07	0.20	0.13	0.11	0.18
Wyoming	0.05	1.52	0.01	0.08	0.05	0.01	0.46	0.04	0.02	0.12	0.04	0.07

Source: U.S. Bureau of Economic Analysis

Table 4. Industry Contributions to Percent Change in Value Added of Arts and Cultural Production, 2017--Continues

	Percent change in value added of total arts and cultural production industries <sup>1</sup>	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	4.6	0.03	0.11	0.03	0.31	0.04	0.11	0.18	0.07	0.01	0.01
Alabama	2.1	0.01	-0.37	0.00	0.11	0.03	0.14	0.47	0.25	0.02	0.00
Alaska	0.3	0.01	0.00	-0.02	-0.07	0.12	-0.01	-0.25	-0.02	-0.02	0.00
Arizona	4.7	0.13	0.03	0.03	-0.27	0.10	0.07	0.39	0.37	0.02	0.10
Arkansas	3.0	0.02	0.04	0.00	0.19	0.06	0.04	0.43	0.03	0.02	0.02
California	9.1	0.03	0.15	0.08	0.94	0.02	0.04	0.13	0.02	0.02	-0.01
Colorado	1.0	0.05	0.03	0.01	0.15	0.05	-0.12	0.33	0.30	0.03	0.00
Connecticut	0.7	-0.35	0.29	-0.20	0.10	0.37	0.15	0.02	-0.06	0.00	0.24
Delaware	1.1	-0.30	-0.02	0.02	0.08	0.12	0.62	0.14	0.45	0.05	-0.02
District of Columbia	5.8	0.02	1.25	0.05	0.04	0.34	0.41	0.12	0.01	0.00	0.12
Florida	2.2	-0.16	0.13	-0.02	-0.27	0.04	0.13	0.20	0.06	0.01	0.02
Georgia	6.1	0.15	0.10	0.06	0.14	0.02	0.31	0.20	0.10	0.02	-0.07
Hawaii	6.4	1.27	0.11	0.01	1.18	0.00	0.06	-0.01	0.10	0.02	-0.02
Idaho	4.4	0.05	-0.05	0.06	0.47	0.03	0.16	0.34	0.21	0.02	-0.01
Illinois	4.9	-0.02	0.69	0.04	0.05	0.02	0.29	0.27	0.14	0.03	0.10
Indiana	1.6	-0.02	-0.03	-0.02	0.01	0.02	-0.14	0.04	0.02	0.00	0.00
Iowa	0.6	0.01	-0.04	0.01	-0.06	0.02	0.06	0.09	0.06	0.01	-0.01
Kansas	0.7	-0.02	-0.01	0.00	-0.02	0.02	0.03	0.00	-0.04	-0.01	-0.07
Kentucky	2.3	0.01	-0.02	0.00	-0.03	0.19	0.13	0.22	0.07	0.02	0.00
Louisiana	-1.7	0.05	-0.23	0.02	-0.01	0.07	0.38	0.18	0.00	0.01	0.14
Maine	0.3	-0.33	0.11	-0.01	-0.23	0.05	0.13	0.57	-0.04	0.02	0.13
Maryland	2.6	0.32	-0.40	0.02	-0.15	0.02	0.04	0.22	0.07	0.01	0.21
Massachusetts	5.9	0.01	0.04	0.01	0.72	0.04	0.14	0.25	0.04	0.01	0.16
Michigan	-0.5	0.02	0.46	-0.01	0.01	0.04	0.23	0.30	-0.02	0.01	-0.04
Minnesota	1.7	0.05	0.14	0.05	0.12	0.03	0.01	0.27	0.34	-0.01	-0.02
Mississippi	2.2	0.01	0.02	0.00	-0.39	0.02	0.04	0.27	0.18	0.00	0.02
Missouri	2.8	0.00	0.17	-0.01	-0.02	0.05	0.25	0.29	0.01	-0.02	0.04
Montana	3.8	1.31	-0.01	0.00	-0.77	0.14	0.20	0.63	0.48	-0.03	0.02
Nebraska	3.0	0.01	0.06	0.01	0.30	0.08	0.30	0.36	0.30	0.04	0.03
Nevada	3.0	-0.60	-1.58	0.04	0.22	0.04	0.10	0.09	0.31	0.00	0.01
New Hampshire	1.8	0.04	0.09	0.02	-0.07	0.00	0.18	0.13	0.12	0.01	0.01
New Jersey	0.9	-0.68	0.06	-0.08	0.25	0.01	0.18	0.13	0.02	0.02	-0.02
New Mexico	0.2	0.04	0.06	0.00	-0.01	0.11	0.10	-0.08	0.08	0.01	-0.01
New York	0.3	0.07	0.15	0.05	0.09	0.03	0.18	0.13	-0.07	0.02	0.03
North Carolina	2.2	0.00	0.19	0.02	0.20	0.03	0.32	0.28	0.42	0.03	-0.04
North Dakota	1.2	-0.02	-0.09	0.01	0.16	0.01	0.01	0.07	-0.04	0.02	0.01
Ohio	0.6	0.04	0.09	0.00	0.04	0.02	0.02	0.11	-0.16	0.01	-0.02
Oklahoma	1.6	0.12	0.00	-0.11	0.43	0.06	-0.34	0.32	-0.14	0.01	0.01
Oregon	4.7	0.10	0.10	0.07	0.21	0.03	0.04	0.27	0.48	0.03	-0.07
Pennsylvania	3.3	0.05	-0.07	0.00	0.11	0.07	0.09	0.21	0.12	0.02	-0.09
Rhode Island	2.5	-0.25	0.07	0.09	-0.08	0.01	0.01	0.11	0.24	0.02	-0.01
South Carolina	6.6	-0.06	0.06	0.04	-0.13	0.05	0.11	0.02	0.13	0.02	-0.04
South Dakota	2.8	0.06	0.05	0.00	0.05	0.10	0.21	0.10	-0.01	0.00	-0.01
Tennessee	5.9	1.10	0.11	0.19	0.39	0.07	0.06	0.20	0.02	-0.01	-0.01
Texas	4.0	0.06	-0.10	0.02	0.15	0.03	0.05	0.26	0.31	0.02	0.00
Utah	5.6	0.14	-0.04	0.02	0.30	0.04	-0.12	0.21	0.36	0.05	0.03
Vermont	-1.0	0.22	0.12	0.03	-0.28	0.12	0.26	-0.05	0.17	0.06	-0.11
Virginia	2.7	-0.13	-0.01	0.01	0.38	-0.04	0.00	0.25	0.21	0.00	0.09
Washington	11.5	0.06	0.03	0.02	0.04	0.02	0.05	0.14	0.01	0.01	0.00
West Virginia	-3.1	-0.04	-0.04	0.00	0.01	0.06	0.03	-0.05	0.00	0.00	0.11
Wisconsin	2.1	0.02	0.08	0.00	-0.09	0.02	0.13	0.29	0.01	0.03	0.05
Wyoming	2.7	0.00	0.49	0.07	0.04	0.04	0.03	-0.02	0.12	0.02	0.00

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

Source: U.S. Bureau of Economic Analysis

Table 4. Industry Contributions to Percent Change in Value Added of Arts and Cultural Production, 2017--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	0.00	0.39	0.03	0.54	-0.09	0.13	0.03	2.06	0.03	0.13	0.16	0.20
Alabama	-0.04	0.40	0.02	0.11	0.23	0.01	-0.48	0.18	0.02	0.96	0.01	-0.06
Alaska	-0.15	2.29	0.04	-0.19	0.44	0.01	-0.62	0.02	-0.02	-1.55	0.06	0.24
Arizona	0.07	1.07	0.04	-0.25	0.16	-0.02	0.66	1.41	0.06	0.00	0.28	0.18
Arkansas	-0.05	1.56	0.03	-0.34	0.17	-0.09	1.19	-0.18	-0.12	0.15	-0.27	-0.02
California	0.00	0.07	0.02	1.32	-0.11	0.07	0.12	5.44	0.03	0.70	-0.05	0.04
Colorado	0.05	0.45	0.02	0.80	-0.01	0.00	-0.36	-0.61	0.11	-0.64	0.14	0.11
Connecticut	-0.22	0.33	0.05	-0.09	0.26	0.02	-1.46	1.32	-0.10	0.24	0.06	-0.28
Delaware	-0.08	0.36	0.05	0.18	0.05	-0.01	-0.67	0.05	0.06	-1.06	1.36	-0.42
District of Columbia	0.00	2.29	0.21	0.99	-0.19	-0.22	-0.22	0.83	0.00	-0.25	0.03	-0.02
Florida	0.00	0.30	0.04	0.35	0.25	0.43	-0.06	0.32	0.03	-0.34	0.32	0.32
Georgia	-0.04	0.23	0.02	0.90	2.98	-0.46	0.64	1.12	-0.23	-0.06	0.04	-0.12
Hawaii	-0.22	0.83	0.05	-0.25	3.69	-0.01	0.23	0.00	0.12	-1.26	0.29	0.13
Idaho	-0.05	1.02	0.04	-0.09	0.17	0.00	-0.20	0.49	0.02	1.91	0.39	-0.65
Illinois	-0.08	0.45	0.08	-0.35	0.07	0.10	0.24	1.06	0.05	0.03	1.48	0.11
Indiana	-0.04	0.94	0.04	-0.20	0.05	1.80	-0.32	0.18	0.02	0.02	-0.09	-0.79
Iowa	-0.10	0.59	0.05	-0.38	0.03	-0.10	0.04	0.42	0.00	-0.51	0.44	-0.11
Kansas	-0.33	-0.21	0.04	-0.90	0.13	0.12	1.09	1.41	-0.09	-0.32	0.12	-0.26
Kentucky	-0.08	0.95	0.04	-0.37	0.07	0.10	0.51	0.54	-0.15	-0.28	0.20	0.10
Louisiana	-0.02	0.83	0.01	-0.18	-1.13	-0.10	0.05	-0.13	0.27	-1.82	0.05	-0.13
Maine	-0.35	1.05	0.05	-0.30	0.13	-0.06	-0.41	0.07	0.14	-0.27	-0.02	-0.24
Maryland	1.12	1.27	0.08	-0.37	0.05	-0.06	0.16	0.70	-0.05	-0.63	0.15	-0.22
Massachusetts	-0.02	0.55	0.04	1.16	0.51	0.02	0.39	0.85	0.04	0.51	0.18	0.18
Michigan	-0.08	0.43	0.04	-2.07	-0.23	-0.03	-0.28	0.39	-0.10	-1.12	1.42	0.02
Minnesota	-0.05	0.10	0.04	0.81	-0.08	-0.16	-0.12	0.17	0.04	-0.76	1.01	-0.35
Mississippi	-0.05	0.54	0.04	-0.15	-0.23	1.02	1.03	0.08	-0.16	-0.18	0.05	-0.07
Missouri	-0.09	1.01	0.03	0.10	-0.05	0.05	0.27	0.56	-0.05	-0.21	0.60	-0.27
Montana	-0.01	1.29	0.04	0.23	0.71	0.05	-0.49	-0.05	0.27	-0.01	-0.10	-0.11
Nebraska	-0.03	0.89	0.06	-0.42	0.18	0.02	-0.21	0.78	-0.06	1.07	-0.39	-0.43
Nevada	0.03	0.44	0.02	0.07	-0.27	0.22	0.01	3.35	0.09	0.04	0.20	0.14
New Hampshire	0.00	0.09	0.03	0.44	0.17	0.04	-0.35	0.02	0.17	0.28	0.54	-0.26
New Jersey	-0.07	0.18	0.04	0.20	0.00	-0.02	-0.93	1.20	0.14	-0.50	0.45	0.25
New Mexico	-0.07	0.74	0.04	-0.15	-3.38	-0.18	2.80	-0.01	0.29	0.22	-0.01	-0.38
New York	0.00	-0.21	0.03	0.15	-1.20	0.16	-0.72	1.34	0.07	-0.09	0.06	0.03
North Carolina	-0.03	0.32	0.03	0.42	-0.18	0.01	0.18	0.26	0.01	-0.23	-0.10	0.02
North Dakota	-0.55	1.17	0.02	0.12	0.04	0.00	-0.92	-0.04	0.05	1.12	0.40	-0.44
Ohio	-0.10	0.89	0.02	-0.43	0.07	0.00	-0.32	0.13	0.08	-0.37	0.00	0.41
Oklahoma	-0.01	0.47	0.00	-0.42	-0.38	-0.07	0.39	0.06	-0.46	1.09	0.36	0.08
Oregon	-0.06	0.73	0.04	1.34	0.12	0.03	-0.19	0.18	0.08	0.08	0.22	0.85
Pennsylvania	0.01	0.41	0.03	0.05	-0.12	0.01	1.73	0.77	-0.05	0.12	-0.12	-0.12
Rhode Island	0.09	1.36	0.07	-0.46	-0.08	0.12	0.18	0.06	1.63	-0.56	-0.21	0.02
South Carolina	-0.03	0.95	0.03	0.11	0.59	3.33	1.08	0.25	0.18	-0.96	0.57	0.22
South Dakota	-0.10	2.13	0.02	-0.11	0.14	-0.02	-0.37	0.04	-0.02	1.60	0.07	-1.27
Tennessee	-0.03	0.27	0.01	-0.41	0.11	2.43	0.23	0.53	-0.11	0.57	0.14	0.01
Texas	0.07	1.16	0.03	0.28	-0.03	0.03	0.64	0.27	0.04	0.45	0.08	0.06
Utah	-0.04	0.83	0.02	0.58	0.94	-0.01	-0.43	1.43	0.11	1.03	0.28	-0.16
Vermont	-0.05	0.18	0.03	-0.13	-0.04	-0.06	-0.60	-0.11	0.06	-0.79	-0.13	0.03
Virginia	0.01	1.40	0.08	-0.01	0.12	0.20	-0.41	0.25	0.02	0.05	0.30	-0.14
Washington	0.00	0.59	0.03	2.61	0.02	-0.01	0.48	3.67	-0.01	0.02	0.02	3.65
West Virginia	-0.05	1.16	0.05	-1.78	-0.13	-0.03	-1.54	0.03	-0.27	-1.08	0.22	0.13
Wisconsin	-0.06	0.36	0.03	-0.42	0.03	0.00	-0.04	0.37	-0.01	1.32	-0.03	-0.08
Wyoming	0.32	1.86	0.01	-0.12	-0.37	-0.09	-0.16	0.64	0.04	-0.01	0.08	-0.30

Source: U.S. Bureau of Economic Analysis

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

Line	Item ACPSA Description	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1	Total ACPSA	5.9	6.4	-0.6	0.6	0.6	1.4	1.1	2.1	2.7	0.0	-5.9	3.3	2.1	1.8	2.1	3.5	3.7	3.1	3.5
2	Core Arts and Cultural Production	4.2	6.9	-0.6	0.0	0.0	1.5	0.2	0.0	1.0	-0.6	-6.7	1.5	0.8	2.4	1.5	3.8	3.6	3.2	3.4
3	Performing Arts	2.1	5.7	8.9	-6.2	5.9	16.0	5.2	5.4	6.4	-1.3	0.8	1.9	-1.7	-2.8	0.8	3.5	6.3	2.1	4.1
4	Performing Arts - Music Groups	2.1	5.7	8.7	-6.7	-2.6	6.1	-4.8	-5.1	-5.9	-1.4	0.4	1.8	-2.0	-2.7	0.9	3.6	5.9	2.2	4.0
5	Performing Arts - Dance	2.1	5.7	8.7	-6.7	-2.2	6.6	-4.3	-4.5	-5.2	-1.4	0.4	1.8	-2.0	-2.7	0.9	3.6	5.9	2.2	4.0
6	Performing Arts - Opera	2.1	5.7	8.7	-6.7	16.9	27.1	14.1	14.1	14.0	-1.4	0.4	1.8	-2.0	-2.7	0.9	3.6	5.9	2.2	4.0
7	Performing Arts - Symphonies	2.1	5.7	8.7	-6.7	-3.8	4.5	-6.6	-7.3	-8.7	-1.4	0.4	1.8	-2.0	-2.7	0.9	3.6	5.9	2.2	4.0
8	Performing Arts - Theater	2.1	5.7	8.7	-6.7	11.9	22.4	10.4	10.9	11.1	-1.4	0.4	1.8	-2.0	-2.7	0.9	3.6	5.9	2.2	4.0
9	Performing Arts - Other	2.6	5.6	7.5	-5.6	7.5	16.7	8.3	6.4	8.8	0.3	3.3	1.4	0.6	-4.3	0.2	3.8	5.0	1.2	3.5
10	Independent Artists, Writers, And Performers	-1.1	-0.3	10.2	9.2	6.4	-2.8	-4.2	6.1	-0.9	3.1	1.1	3.3	3.7	7.4	1.1	4.6	4.0	-3.3	5.3
11	Museums	6.0	8.0	11.6	4.2	0.2	-1.4	1.4	2.1	6.6	2.2	0.5	-6.1	-1.2	9.3	2.4	2.3	-2.7	2.7	1.4
12	Museums - Art	6.3	9.5	13.8	2.7	2.5	-0.5	2.9	3.0	9.3	2.8	0.5	-6.7	0.1	12.5	3.0	2.4	-4.3	2.1	1.2
13	Museums - Botanical And Zoological	6.3	9.5	13.8	2.7	7.5	4.2	7.8	7.8	14.4	2.8	0.5	-6.7	0.1	12.5	3.0	2.4	-4.3	2.1	1.2
14	Museums - Children's	6.3	9.5	13.8	2.7	2.5	-0.5	2.9	3.0	9.3	2.8	0.5	-6.7	0.1	12.5	3.0	2.4	-4.3	2.1	1.2
15	Museums - Historical Sites	6.3	9.5	13.8	2.7	6.2	3.1	6.7	6.7	13.3	2.8	0.5	-6.7	0.1	12.5	3.0	2.4	-4.3	2.1	1.2
16	Museums - History	6.3	9.5	13.8	2.7	2.5	-0.5	2.9	3.0	9.3	2.8	0.5	-6.7	0.1	12.5	3.0	2.4	-4.3	2.1	1.2
17	Museums - Natural	6.3	9.5	13.8	2.7	2.5	-0.5	2.9	3.0	9.3	2.8	0.5	-6.7	0.1	12.5	3.0	2.4	-4.3	2.1	1.2
18	Museums - Nature Parks	5.2	5.2	7.4	7.0	-7.8	-6.8	-5.9	-4.5	-6.0	0.9	0.5	-4.4	-4.6	-0.6	0.7	1.9	2.8	3.1	2.1
19	Museums - Science	6.3	9.5	13.8	2.7	2.5	-0.5	2.9	3.0	9.3	2.8	0.5	-6.7	0.1	12.5	3.0	2.4	-4.3	2.1	1.2
20	Museums - Other	6.3	9.5	13.8	2.7	2.5	-0.5	2.9	3.0	9.3	2.8	0.5	-6.7	0.1	12.5	3.0	2.4	-4.3	2.1	1.2
21	Design services	5.6	9.1	-3.1	-0.8	0.8	5.2	1.5	1.2	3.9	0.0	-10.4	1.2	2.7	4.4	1.8	6.2	4.2	5.8	4.8
22	Advertising	8.2	11.4	-3.4	1.8	0.0	5.6	0.1	0.6	3.0	0.5	-8.2	2.8	2.2	5.3	1.5	5.6	4.1	6.8	4.8
23	Architectural Services, Historic Restoration	0.3	6.5	3.5	-7.8	4.5	4.4	6.9	3.5	9.5	0.3	-19.6	-9.6	4.7	0.5	1.7	8.8	7.1	5.9	7.7
24	Landscape Architectural Services	2.1	7.7	5.5	-4.5	1.6	4.5	8.2	-1.2	-3.0	0.8	-16.1	-3.3	2.4	-6.4	10.9	6.5	2.9	4.9	3.9
25	All Other Architectural Services	0.3	6.5	3.5	-7.8	4.5	4.4	6.9	3.5	9.5	0.3	-19.6	-9.6	4.7	0.5	1.7	8.8	7.1	5.9	7.7
26	Interior Design Services	-3.6	0.7	-5.0	-5.7	14.8	16.8	13.6	13.9	14.9	-4.1	-21.3	-1.4	8.1	6.2	4.3	11.6	7.4	-0.4	3.2
27	Industrial Design Services	14.5	12.1	-0.7	-4.8	-3.9	8.2	-2.1	-3.9	0.1	-4.2	-10.1	1.2	15.7	2.7	3.0	7.1	4.9	-3.0	-0.4
28	Graphic Design Services	-3.9	2.8	-7.5	-11.8	-1.2	1.8	2.6	-2.2	-1.6	-2.4	-13.9	5.2	3.8	0.6	-0.2	7.3	5.3	3.6	2.3
29	Fashion Design Services	9.5	6.7	-9.0	-8.4	14.3	22.6	0.7	-6.1	8.0	-2.6	-5.3	3.9	18.4	13.8	-1.5	11.9	2.1	4.7	-7.2
30	Computer Systems Design	17.8	10.4	-3.3	-2.5	3.8	6.5	12.4	6.8	15.6	8.5	0.2	15.4	10.2	11.2	3.6	7.3	2.4	9.6	10.7
31	Photography And Photofinishing Services	-2.4	-2.4	-4.8	-6.7	-1.2	-3.1	-1.8	-0.5	1.6	-4.2	-11.1	-4.7	-3.7	0.0	2.2	5.0	-0.7	-2.1	3.0
32	All Other Design Services	13.3	10.8	-5.0	-3.7	5.5	13.2	-7.0	-13.2	-0.1	-2.6	-5.3	3.9	18.4	13.8	-1.5	11.9	2.1	4.7	-7.2
33	Fine Arts Education	3.2	8.6	4.4	-9.2	1.5	0.8	3.8	5.4	8.0	5.6	-1.7	-1.8	-3.9	-3.4	0.3	4.1	3.5	1.4	2.7
34	Education Services	2.4	3.2	2.8	-1.4	-8.8	-8.0	-8.7	-7.5	-7.1	0.1	-2.3	-1.7	-2.8	-3.4	1.8	-0.8	-0.4	-0.5	-0.3
35	Entertainment Originals	3.0	5.9	-3.0	5.0	9.3	1.5	8.4	1.1	-2.4	-5.6	-3.9	9.5	-0.8	1.8	0.2	0.5	6.9	1.4	1.4
36	Supporting Arts and Cultural Production	7.9	5.9	-0.7	1.1	1.3	1.2	2.2	4.6	4.7	0.5	-5.0	5.0	3.4	1.1	2.8	3.3	3.9	2.9	3.6
37	Art support services	4.5	0.6	-0.2	5.6	0.8	-2.3	-1.2	5.6	-2.5	-3.4	-3.8	-4.4	-4.8	0.7	0.8	1.9	1.8	1.0	2.1
38	Rental And Leasing	8.1	-0.3	-3.1	-5.7	8.3	9.0	-3.6	8.9	-4.8	-10.2	-17.0	-8.1	-12.1	-2.5	0.8	-0.3	1.6	-3.5	-5.6
39	Agents/Managers For Artists	3.0	1.3	0.8	3.6	0.0	2.7	-4.4	3.3	2.4	1.5	-5.1	-2.2	7.8	1.3	1.9	4.8	1.2	3.5	4.3
40	Promoters Of Performing Arts And Similar Events	1.1	0.4	-5.4	39.0	10.5	-8.3	11.2	20.4	9.9	-1.7	-1.5	-7.0	-3.7	6.3	2.2	5.1	1.7	3.2	6.7
41	Grant-Making And Giving Services	14.1	19.2	10.2	6.3	9.0	-9.8	2.1	22.9	8.3	-2.6	6.5	-5.9	10.3	5.6	4.5	6.8	9.2	3.3	2.7
42	Unions	-14.7	-15.3	-16.7	-23.4	4.0	4.8	-8.0	24.5	-24.2	39.9	3.5	-2.4	7.4	2.5	4.6	0.7	2.6	1.5	6.9

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

Line	Item ACPA Description	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
43	Government	4.7	2.2	4.7	5.1	-7.5	-7.6	-5.1	-5.7	-10.5	-1.9	3.7	-0.8	-5.3	-2.5	-1.3	-0.6	0.4	0.1	-0.2
44	Other Support Services	-1.1	-7.3	-18.3	-32.8	13.1	13.0	8.5	11.6	13.2	-11.4	-20.8	-1.3	-7.5	-9.4	3.2	3.9	3.8	4.7	9.3
45	Books publishing	2.0	4.9	-5.3	-4.2	-4.8	0.3	-2.5	-3.9	4.0	-4.1	-6.3	0.3	-2.1	-11.5	-1.7	-0.2	0.5	3.0	1.0
46	Books Publishing - Education (K-12)	2.1	0.3	3.8	-1.0	-8.6	-6.8	-9.8	-11.6	-1.7	-3.2	-4.3	1.7	-1.2	-4.4	-4.5	-1.4	-1.5	-1.0	5.8
47	Books Publishing - Higher Education	1.6	-0.2	-3.5	-2.5	-12.9	-5.0	-8.6	-10.6	1.1	-8.4	-5.2	2.2	0.1	-9.6	-5.1	-2.5	-1.2	1.1	5.2
48	Books Publishing - General Reference	-2.0	9.8	-5.0	1.5	-6.4	-1.1	7.8	-11.7	-8.6	3.8	-17.0	-3.1	-1.7	-29.6	-8.1	11.9	-0.8	12.3	3.5
49	Books Publishing - Professional, Technical, And Scholarly	0.9	3.0	1.5	-3.7	1.0	3.5	-1.6	0.9	13.8	-14.4	-10.0	-3.6	-3.1	3.2	-4.1	-3.2	-3.5	-1.0	-4.0
50	Books Publishing - Adult Trade	3.2	5.7	-1.6	-7.4	-3.9	3.2	0.2	-0.9	5.5	0.1	-4.1	2.7	-0.5	-16.4	0.6	1.3	3.0	4.1	0.9
51	Books Publishing - Children	1.1	7.0	-22.3	0.5	-4.6	-2.0	-5.6	-6.5	-1.7	-5.5	-8.0	-4.5	-8.7	-12.4	0.8	-0.2	2.0	11.3	2.0
52	Other publishing	8.5	7.8	-7.5	-0.5	5.0	-0.4	4.0	6.6	-0.5	2.2	-7.2	2.1	8.1	3.0	2.7	4.2	1.8	4.8	7.6
53	Publishing - Cards, Calendars, And Other	11.0	0.2	-13.1	6.5	-0.3	-10.4	-4.8	12.9	-13.3	0.5	-7.9	-1.9	-1.7	0.1	-1.3	1.9	1.8	4.8	26.1
54	Publishing - Newspapers And Periodicals	3.5	2.8	-6.8	-5.0	-4.2	0.9	-0.3	-1.4	-3.8	-8.3	-19.6	-7.7	-5.2	-6.7	-3.8	-1.3	-6.0	-3.6	-1.3
55	Publishing - Software	16.9	23.5	-4.7	2.3	23.8	4.3	14.6	13.1	8.9	12.6	2.8	9.6	18.0	7.9	6.0	6.6	4.4	7.3	6.7
56	Information services	9.5	7.7	3.8	-0.4	4.2	2.1	4.6	5.2	8.3	3.0	3.1	5.9	6.1	5.0	4.1	3.5	6.2	3.6	3.9
57	Broadcasting	11.5	5.2	0.8	-1.3	3.4	7.7	5.0	6.7	11.4	4.9	5.3	7.4	5.5	2.8	2.3	3.0	4.1	0.3	-1.6
58	Sound Recording	4.6	9.1	20.2	-22.2	-3.5	-6.2	4.4	5.1	-6.4	-1.4	-5.6	-0.4	0.2	-3.2	-1.5	3.0	10.8	4.6	4.1
59	Motion Pictures	4.7	2.2	1.3	2.2	1.2	-7.0	-7.1	-0.6	4.3	-4.2	-1.7	1.5	-4.1	9.5	2.2	1.7	1.4	0.8	3.0
60	Audio/Visual Production	10.1	9.4	1.2	9.8	9.3	-0.1	5.4	4.1	5.6	-2.5	2.7	2.1	1.8	-1.5	6.5	-0.5	4.8	-2.5	3.4
61	Other Information Services	13.6	14.2	0.5	5.4	2.7	10.7	9.5	9.0	23.9	20.4	6.6	14.4	21.9	22.2	7.7	10.3	12.9	16.1	15.1
62	Manufactured goods	8.7	4.9	-2.5	4.7	-2.2	3.3	1.6	4.3	8.3	-0.5	-21.5	6.9	3.0	0.1	0.8	4.7	0.2	0.7	1.4
63	Jewelry And Silverware	11.4	3.8	-2.4	2.9	1.5	3.9	2.6	1.0	5.5	-3.8	-20.4	2.0	-2.8	2.0	-0.9	6.0	0.1	-2.4	2.4
64	Printed Goods	-0.3	-1.1	-1.9	5.2	-3.5	5.2	4.1	5.9	7.2	2.3	-11.6	1.2	-0.5	-1.6	-1.2	9.4	-11.4	6.6	-8.1
65	Musical Instruments	16.5	14.0	-7.8	2.2	-0.5	-1.1	-1.5	0.2	0.1	-1.1	-11.3	1.0	5.5	-0.5	-0.9	3.0	-4.1	-0.9	0.3
66	Custom Architectural Woodwork And Metalwork	3.8	5.5	-1.5	31.4	-5.9	-0.9	2.2	2.6	41.1	8.3	-28.5	-2.4	12.1	0.0	5.5	-0.4	5.3	5.8	3.3
67	Other Goods	12.8	10.9	-2.8	0.9	-5.4	2.0	-3.2	8.4	6.3	-2.6	-32.6	24.0	7.9	-5.7	2.9	1.6	8.3	-2.0	5.3
68	Construction	10.0	5.6	0.5	3.6	-6.4	0.7	-7.0	0.0	-9.8	-8.8	-0.6	21.7	-15.7	-24.3	1.6	-0.2	7.7	7.1	-0.9

Source: U.S. Bureau of Economic Analysis



Table 6. Real Gross Output by Arts and Cultural Production Commodity  
[Millions of Chained (2012) Dollars]

Line	Commodity	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
46	Books Publishing - Education (K-12)	4,268	4,358	4,372	4,537	4,491	4,105	3,825	3,449	3,048	2,996	2,899	2,775	2,824	2,789	2,665	2,545	2,508	2,471	2,448	2,590
47	Books Publishing - Higher Education	3,191	3,242	3,236	3,122	3,045	2,652	2,519	2,303	2,058	2,081	1,906	1,807	1,846	1,848	1,671	1,586	1,546	1,527	1,544	1,625
48	Books Publishing - General Reference	1,284	1,258	1,382	1,312	1,332	1,246	1,233	1,329	1,173	1,073	1,114	925	896	880	619	569	637	632	709	735
49	Books Publishing - Professional, Technical, And Scholarly	4,861	4,905	5,051	5,127	4,935	4,983	5,155	5,074	5,121	5,828	4,988	4,489	4,329	4,193	4,329	4,153	4,020	3,881	3,841	3,689
50	Books Publishing - Adult Trade	12,833	13,241	14,002	13,781	12,759	12,259	12,656	12,683	12,565	13,251	13,259	12,711	13,060	12,989	10,863	10,933	11,077	11,408	11,877	11,986
51	Books Publishing - Children	5,376	5,433	5,815	4,515	4,538	4,330	4,245	4,008	3,746	3,683	3,482	3,205	3,060	2,792	2,446	2,464	2,461	2,510	2,794	2,850
52	Other publishing	62,132	67,397	72,638	67,191	66,859	70,211	69,957	72,730	77,530	77,117	78,780	73,083	74,590	80,654	83,077	85,287	88,898	90,473	94,797	102,010
53	Publishing - Cards, Calendars, And Other	14,864	16,506	16,538	14,376	15,316	15,273	13,688	13,031	14,706	12,752	12,814	11,802	11,577	11,385	11,397	11,246	11,461	11,670	12,234	15,424
54	Publishing - Newspapers And Periodicals	37,616	38,939	40,034	37,316	35,447	33,961	34,254	34,145	33,672	32,393	29,689	23,861	22,019	20,865	19,465	18,729	18,487	17,378	16,751	16,528
55	Publishing - Software	12,597	14,730	18,195	17,336	17,731	21,953	22,900	26,245	29,688	32,340	36,422	37,429	41,006	48,406	52,216	55,336	58,996	61,565	66,070	70,514
56	Information services	153,872	168,414	181,389	188,316	187,523	195,365	199,499	208,639	219,456	237,569	244,659	252,332	267,109	283,304	297,368	309,593	320,509	340,239	352,383	366,277
57	Broadcasting	62,313	69,450	73,052	73,604	72,638	75,106	80,893	84,974	90,625	100,993	105,928	111,496	119,731	126,360	129,909	132,945	136,894	142,464	142,953	140,613
58	Sound Recording	17,657	18,473	20,158	24,223	18,835	18,178	17,060	17,817	18,725	17,525	17,281	16,315	16,249	16,275	15,761	15,520	15,992	17,723	18,546	19,311
59	Motion Pictures	15,406	16,127	16,481	16,688	17,061	17,265	16,052	14,911	14,827	15,472	14,828	14,580	14,795	14,182	15,523	15,862	16,125	16,351	16,477	16,973
60	Audio/Visual Production	43,689	48,117	52,635	53,276	58,520	63,953	63,892	67,355	70,114	74,042	72,169	74,097	75,666	77,027	75,852	80,754	80,343	84,193	82,107	84,933
61	Other Information Services	11,943	13,564	15,491	15,574	16,418	16,867	18,675	20,458	22,289	27,610	33,230	35,412	40,518	49,379	60,323	64,947	71,620	80,866	93,868	108,058
62	Manufactured goods	94,417	102,568	107,587	104,810	109,698	107,283	110,831	112,583	117,384	128,072	127,452	100,240	107,108	110,289	110,538	111,283	116,514	117,134	117,590	119,301
63	Jewelry And Silverware	44,241	49,295	51,165	49,928	51,368	52,152	54,207	55,618	56,181	59,278	57,016	45,394	46,284	44,996	45,909	45,518	48,262	48,295	47,159	48,305
64	Printed Goods	20,577	20,509	20,288	19,901	20,943	20,203	21,257	22,136	23,441	25,137	25,724	22,738	23,022	22,914	22,542	22,272	24,376	21,601	23,019	21,151
65	Musical Instruments	4,550	5,303	6,046	5,577	5,698	5,671	5,608	5,525	5,536	5,541	5,478	4,861	4,909	5,179	5,154	5,106	5,260	5,046	5,002	5,016
66	Custom Architectural Woodwork And Metalwork	5,618	5,830	6,149	6,055	7,953	7,483	7,412	7,575	7,768	10,960	11,874	8,491	8,287	9,292	9,290	9,802	9,765	10,279	10,879	11,235
67	Other Goods	24,531	27,607	30,539	29,656	29,900	28,282	28,865	27,960	30,318	33,161	32,391	22,068	27,156	29,171	27,642	28,281	28,751	31,456	30,547	32,163
68	Construction	30,719	33,777	35,678	35,850	37,150	34,790	35,035	32,594	32,580	29,378	26,781	26,617	32,396	27,302	20,658	20,989	20,944	22,564	24,162	23,937

Source: U.S. Bureau of Economic Analysis





Table 8. Arts and Cultural Production Employment and Compensation by State, 2017

	2017						Percent change, 2016-2017					
	Total Arts and Cultural Production Industries <sup>1</sup>		Core Arts and Cultural Production Industries		Supporting Arts and Cultural Production Industries		Total Arts and Cultural Production Industries <sup>1</sup>		Core Arts and Cultural Production Industries		Supporting Arts and Cultural Production Industries	
	Employment	Compensation (thousands of dollars)	Employment	Compensation (thousands of dollars)	Employment	Compensation (thousands of dollars)	Employment	Compensation	Employment	Compensation	Employment	Compensation
United States	5,107,891	404,853,670	1,240,623	81,559,013	3,704,145	311,966,929	0.9	4.7	2.1	4.7	0.5	4.7
Alabama	47,319	2,531,792	8,780	349,504	36,351	2,054,984	-0.1	1.9	2.6	6.0	-0.7	1.3
Alaska	11,847	922,297	1,717	63,616	9,792	835,697	-1.8	0.4	1.2	-3.2	-2.2	0.8
Arizona	86,704	4,975,785	18,790	875,504	64,780	3,899,354	2.7	6.5	4.8	7.1	2.3	6.5
Arkansas	33,513	1,595,347	5,644	240,793	26,471	1,277,062	2.2	5.6	2.9	6.0	2.2	5.7
California	764,100	95,869,342	180,571	20,575,272	564,512	73,822,367	-0.3	8.8	1.3	6.2	-0.8	9.7
Colorado	103,401	7,585,870	(D)	(D)	74,565	5,971,473	-0.8	1.9	(D)	(D)	-1.9	0.9
Connecticut	58,932	4,798,066	(D)	(D)	40,945	3,705,158	0.3	-0.2	(D)	(D)	-1.2	-1.3
Delaware	8,824	493,743	2,562	97,340	5,739	358,233	-2.2	-1.2	3.8	4.5	-4.7	-2.9
District of Columbia	55,462	7,405,422	15,147	1,538,333	39,693	5,800,987	2.3	6.2	3.4	8.3	2.0	5.7
Florida	260,999	16,537,177	67,483	3,436,333	183,656	12,497,775	0.6	2.9	1.2	2.4	0.4	3.0
Georgia	151,683	11,499,068	31,852	1,999,968	114,873	9,172,815	3.8	7.0	5.2	5.5	3.6	7.6
Hawaii	22,186	1,368,183	7,428	345,526	14,052	980,815	0.8	3.4	-1.4	7.9	2.1	2.0
Idaho	20,785	1,054,560	3,585	139,209	16,404	872,225	2.2	6.3	4.3	9.9	1.8	5.8
Illinois	224,102	15,153,798	(D)	(D)	156,876	11,177,090	3.2	5.3	(D)	(D)	3.1	5.1
Indiana	87,494	4,466,057	(D)	(D)	67,931	3,620,813	-2.2	1.0	(D)	(D)	-2.9	1.1
Iowa	42,820	2,307,070	9,230	334,068	31,826	1,868,071	-1.0	1.0	-0.6	1.7	-1.0	0.9
Kansas	46,316	2,639,165	7,769	309,310	37,000	2,237,771	-1.3	1.4	-3.2	-0.6	-0.8	1.8
Kentucky	52,547	2,724,698	9,255	355,100	41,101	2,239,932	2.3	3.5	6.3	5.3	1.6	3.3
Louisiana	52,749	2,811,741	11,023	458,039	39,626	2,229,161	-0.1	0.8	5.6	5.1	-1.5	0.1
Maine	16,876	845,752	4,068	180,656	12,114	625,755	-0.8	1.8	1.9	5.4	-1.6	0.8
Maryland	80,989	6,055,484	20,263	1,145,575	57,911	4,710,134	1.6	3.5	2.8	4.0	1.3	3.5
Massachusetts	140,593	12,446,061	45,139	2,900,578	91,412	9,189,653	3.1	8.0	2.3	6.4	3.6	8.7
Michigan	121,332	7,565,735	32,805	1,687,571	83,366	5,527,934	-1.1	-0.8	4.9	4.3	-3.3	-2.4
Minnesota	98,417	6,564,976	25,609	1,275,727	69,484	5,047,731	-1.5	1.5	3.6	4.8	-3.3	0.7
Mississippi	25,767	1,248,453	3,204	127,621	21,305	1,058,927	0.6	3.4	-0.2	4.3	0.9	3.5
Missouri	92,107	5,080,277	(D)	(D)	65,297	3,785,326	1.3	4.0	(D)	(D)	1.3	4.2
Montana	15,666	882,838	3,125	140,164	12,039	716,251	0.0	4.9	3.5	12.7	-0.8	3.6
Nebraska	28,735	1,556,158	7,573	315,693	20,067	1,176,657	-1.1	3.0	1.7	6.8	-2.1	2.1
Nevada	40,911	2,863,589	10,640	704,951	28,693	2,065,084	1.6	2.6	2.4	-1.0	1.4	3.9
New Hampshire	22,597	1,521,612	5,055	239,292	16,784	1,228,312	0.6	2.1	2.7	3.7	0.0	1.8
New Jersey	137,518	11,424,920	32,392	1,804,949	100,482	9,243,834	-1.6	-0.1	0.7	0.3	-2.3	-0.2
New Mexico	26,547	1,466,315	4,484	175,072	21,213	1,245,170	3.3	4.1	3.2	1.1	3.5	4.7
New York	483,424	47,294,162	160,946	13,735,151	312,407	32,656,260	-1.4	-0.3	1.3	2.8	-2.8	-1.7
North Carolina	124,418	7,930,888	28,001	1,410,397	91,521	6,215,866	0.7	2.4	3.7	7.4	-0.2	1.3
North Dakota	14,035	856,428	2,074	74,272	11,501	752,027	-1.1	3.6	-3.3	1.4	-0.7	3.8
Ohio	176,500	9,993,278	(D)	(D)	128,420	7,598,719	1.7	1.7	(D)	(D)	2.0	2.0
Oklahoma	42,010	2,306,397	7,001	370,774	33,284	1,834,497	0.7	4.8	-2.6	6.5	1.5	4.6
Oregon	67,958	4,369,920	17,059	842,459	48,738	3,388,483	3.2	5.6	2.1	5.5	3.8	5.8
Pennsylvania	176,787	11,665,544	52,123	2,567,588	117,813	8,625,348	-0.9	1.7	1.6	2.4	-1.9	1.4
Rhode Island	17,823	1,041,519	4,614	202,259	12,654	802,847	-0.4	4.7	-0.7	-0.2	-0.3	6.2
South Carolina	53,627	3,004,036	(D)	(D)	39,721	2,393,587	2.4	6.6	(D)	(D)	3.1	7.8
South Dakota	14,577	743,378	2,699	86,114	11,404	630,848	0.5	5.4	2.6	4.3	0.1	5.7
Tennessee	91,093	5,972,312	(D)	(D)	64,080	4,097,193	2.2	4.7	(D)	(D)	2.5	4.0
Texas	375,096	24,017,680	77,228	4,275,986	284,282	18,767,349	3.5	6.1	2.5	4.5	3.9	6.7
Utah	63,617	3,496,735	14,994	570,059	47,115	2,836,648	5.3	6.6	5.5	6.5	5.4	6.7
Vermont	10,799	572,205	3,392	140,955	7,071	411,804	-1.6	-1.2	2.0	1.1	-3.2	-2.0
Virginia	123,395	8,321,958	26,982	1,457,010	92,245	6,571,266	2.1	4.0	0.4	4.9	2.7	3.8
Washington	167,004	19,493,835	(D)	(D)	136,618	17,819,134	5.6	10.8	(D)	(D)	6.2	11.3
West Virginia	17,245	913,614	1,920	58,300	14,572	813,094	-3.6	-3.4	1.7	2.6	-4.3	-4.1
Wisconsin	96,651	5,834,175	18,990	810,956	74,303	4,817,608	-0.1	3.3	0.9	4.7	-0.3	3.1
Wyoming	11,992	764,257	1,686	56,403	10,037	691,796	1.5	4.8	12.2	2.7	0.0	5.0

(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.

Source: U.S. Bureau of Economic Analysis

Table 9. Industry Contributions to Percent Change in Arts and Cultural Production Employment, 2017--Continues

	Percent change in total arts and cultural production industries <sup>1</sup>	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	0.9	0.05	0.15	0.01	-0.02	0.08	0.01	0.08	0.00	0.11	0.05
Alabama	-0.1	(D)	-0.33	0.00	0.07	0.15	(D)	0.12	(D)	0.10	0.08
Alaska	-1.8	0.26	0.07	(D)	(D)	0.18	0.08	-0.34	(D)	0.01	0.02
Arizona	2.7	0.14	0.12	0.01	-0.14	0.25	0.00	0.14	0.14	0.19	0.16
Arkansas	2.2	0.03	0.16	0.01	0.02	0.05	(D)	0.15	(D)	0.05	0.02
California	-0.3	0.04	0.12	0.02	-0.12	0.06	-0.05	0.10	0.03	0.16	-0.06
Colorado	-0.8	0.06	0.05	0.00	0.13	0.07	-0.30	0.15	(D)	0.18	0.01
Connecticut	0.3	-0.05	-0.07	-0.02	-0.02	0.72	0.08	-0.02	(D)	0.04	0.50
Delaware	-2.2	-0.02	-0.09	0.01	-0.06	0.45	0.21	(D)	(D)	(D)	0.03
District of Columbia	2.3	-0.02	0.29	0.01	0.02	(D)	(D)	-0.02	(D)	-0.01	0.30
Florida	0.6	-0.10	0.33	-0.05	0.02	0.11	-0.10	0.06	-0.05	0.03	0.06
Georgia	3.8	0.32	0.37	0.03	-0.15	0.07	0.29	0.08	0.10	0.14	-0.18
Hawaii	0.8	0.14	0.03	(D)	0.01	-0.64	0.11	-0.04	(D)	0.09	0.09
Idaho	2.2	0.01	0.02	0.03	0.12	(D)	-0.04	0.13	0.03	(D)	0.04
Illinois	3.2	0.16	0.38	0.01	-0.04	0.08	0.09	0.06	(D)	0.15	0.22
Indiana	-2.2	0.03	0.09	0.00	-0.01	0.00	-0.13	0.02	(D)	0.04	0.12
Iowa	-1.0	0.16	-0.06	0.00	-0.25	0.07	-0.12	-0.06	-0.13	0.11	0.14
Kansas	-1.3	0.00	-0.14	0.00	0.00	0.02	0.00	-0.13	(D)	-0.05	-0.16
Kentucky	2.3	(D)	0.25	0.00	-0.08	0.84	0.01	0.11	(D)	0.02	-0.04
Louisiana	-0.1	0.19	0.12	0.01	0.06	(D)	0.15	0.04	(D)	0.06	0.34
Maine	-0.8	0.04	-0.18	0.00	-0.01	0.08	(D)	0.14	(D)	0.19	0.35
Maryland	1.6	0.13	-0.10	0.02	-0.04	0.04	-0.11	0.08	-0.03	0.27	0.44
Massachusetts	3.1	0.02	-0.01	0.00	0.06	0.11	0.12	0.12	-0.13	-0.04	0.48
Michigan	-1.1	0.12	0.49	0.02	-0.02	0.00	0.32	0.13	0.27	-0.02	-0.06
Minnesota	-1.5	0.05	0.51	0.03	0.03	0.06	-0.07	0.14	0.08	0.06	0.03
Mississippi	0.6	0.01	0.00	(D)	(D)	0.00	(D)	0.04	(D)	(D)	0.03
Missouri	1.3	0.03	0.30	-0.02	-0.09	0.09	0.09	0.14	(D)	-0.12	0.13
Montana	0.0	(D)	-0.03	0.01	0.06	(D)	(D)	0.21	0.11	0.03	0.03
Nebraska	-1.1	(D)	-0.04	0.01	-0.19	0.23	0.24	0.03	(D)	0.13	0.06
Nevada	1.6	-0.44	0.28	0.00	0.14	(D)	0.13	0.07	(D)	0.09	0.06
New Hampshire	0.6	(D)	0.10	0.00	0.12	0.01	0.00	0.05	(D)	0.19	0.11
New Jersey	-1.6	-0.19	0.17	0.01	-0.11	0.00	0.23	0.07	-0.06	0.11	-0.07
New Mexico	3.3	0.35	0.13	0.00	-0.21	(D)	0.15	-0.14	(D)	0.17	0.00
New York	-1.4	0.06	0.26	0.00	0.03	-0.01	-0.06	0.07	-0.08	0.14	0.02
North Carolina	0.7	0.03	0.25	0.01	0.01	0.04	0.22	0.12	0.01	0.14	-0.01
North Dakota	-1.1	-0.06	-0.27	(D)	0.09	0.03	(D)	-0.09	(D)	0.01	0.08
Ohio	1.7	0.07	0.09	0.00	-0.02	-0.03	0.07	-0.03	(D)	0.08	0.07
Oklahoma	0.7	0.01	0.06	-0.03	-0.01	0.06	-0.28	0.09	-0.39	-0.03	0.07
Oregon	3.2	0.10	0.27	0.02	0.09	-0.04	-0.01	0.13	0.20	0.08	-0.32
Pennsylvania	-0.9	0.11	0.06	-0.01	0.08	0.18	-0.05	0.09	-0.01	0.10	-0.11
Rhode Island	-0.4	-0.52	0.23	(D)	-0.11	-0.02	-0.02	(D)	(D)	0.09	0.09
South Carolina	2.4	-0.11	0.06	-0.02	-0.06	0.12	0.24	-0.05	(D)	-0.03	-0.10
South Dakota	0.5	0.07	0.19	(D)	(D)	0.15	(D)	0.04	(D)	0.23	-0.04
Tennessee	2.2	0.04	0.06	0.06	0.07	0.23	0.00	0.02	(D)	0.05	-0.06
Texas	3.5	0.10	0.02	0.01	0.04	0.08	0.01	0.07	0.06	0.15	-0.01
Utah	5.3	0.19	0.02	0.00	0.05	(D)	-0.11	0.12	(D)	0.49	0.32
Vermont	-1.6	0.06	0.15	0.01	0.24	0.17	(D)	-0.05	(D)	0.20	-0.28
Virginia	2.1	-0.04	0.07	-0.01	-0.05	-0.17	-0.16	0.09	0.04	0.00	0.32
Washington	5.6	0.07	0.07	0.03	0.02	0.06	0.05	0.14	(D)	0.20	-0.01
West Virginia	-3.6	0.05	-0.02	(D)	(D)	0.04	-0.07	-0.02	(D)	(D)	0.32
Wisconsin	-0.1	(D)	-0.04	0.00	-0.04	0.03	0.04	0.09	(D)	0.10	0.07
Wyoming	1.5	0.04	1.07	(D)	0.03	0.02	(D)	-0.02	(D)	0.18	0.02

(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.

Source: U.S. Bureau of Economic Analysis

Table 9. Industry Contributions to Percent Change in Arts and Cultural Production Employment, 2017--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	-0.01	0.14	0.05	-0.13	-0.06	0.00	-0.15	0.29	-0.04	0.12	0.04	0.13
Alabama	-0.03	-0.31	0.05	(D)	0.13	0.01	-0.74	(D)	(D)	0.62	-0.20	-0.10
Alaska	(D)	0.36	(D)	(D)	(D)	(D)	-1.21	0.00	(D)	-1.34	(D)	0.36
Arizona	-0.01	0.44	0.01	-0.36	0.41	0.00	0.58	0.38	(D)	0.11	0.09	0.04
Arkansas	-0.03	1.51	0.04	(D)	0.23	-0.02	0.80	(D)	(D)	-0.05	-0.13	-0.17
California	-0.01	(D)	0.03	0.21	-2.72	0.02	0.01	1.05	(D)	0.86	-0.11	0.22
Colorado	0.01	0.03	0.02	0.13	0.03	0.01	-1.02	-0.17	0.08	-0.73	0.04	0.20
Connecticut	-0.06	-0.17	0.08	-0.10	0.68	0.01	(D)	0.57	(D)	0.30	0.10	(D)
Delaware	-0.04	-0.58	(D)	-0.17	(D)	-0.02	-0.93	(D)	-0.03	-1.62	(D)	-0.78
District of Columbia	-0.01	1.20	(D)	(D)	0.00	-0.01	-0.43	0.26	(D)	-0.32	(D)	0.07
Florida	-0.01	0.03	0.04	(D)	0.48	0.01	-0.41	0.03	(D)	-0.52	0.09	0.61
Georgia	-0.03	-0.49	0.04	-0.12	(D)	(D)	-0.04	0.24	(D)	-0.07	0.03	0.01
Hawaii	-0.09	0.05	(D)	-0.15	2.07	0.00	(D)	-0.05	(D)	-1.56	0.20	0.19
Idaho	(D)	0.24	0.07	-0.30	0.30	(D)	-0.62	0.22	(D)	2.38	(D)	-0.93
Illinois	-0.04	0.45	0.14	-0.28	(D)	-0.03	0.03	0.15	(D)	0.05	1.72	-0.07
Indiana	-0.02	0.62	0.04	-0.31	0.10	(D)	(D)	-0.28	0.00	-0.02	-0.10	-1.87
Iowa	(D)	0.20	0.09	-0.67	0.20	(D)	-0.23	0.06	(D)	-0.34	(D)	-0.33
Kansas	-0.14	-0.83	0.04	-0.52	0.31	0.01	(D)	0.44	(D)	-0.17	(D)	-0.43
Kentucky	(D)	0.98	(D)	-0.55	0.09	-0.02	0.73	0.11	(D)	-0.23	-0.03	0.35
Louisiana	-0.12	1.44	0.02	-0.15	-0.51	-0.02	-0.19	-0.10	(D)	-1.02	-0.01	-0.40
Maine	-0.13	0.57	(D)	-0.36	0.26	-0.01	-0.71	(D)	0.12	-0.34	(D)	-0.69
Maryland	0.25	0.75	0.09	-0.22	0.44	-0.03	0.27	0.25	(D)	-0.39	(D)	-0.56
Massachusetts	-0.02	0.46	0.09	0.09	0.46	0.02	0.59	0.15	-0.04	0.64	-0.01	-0.07
Michigan	-0.04	-0.07	0.07	-1.21	0.13	-0.01	-0.56	0.07	(D)	-0.77	0.23	-0.08
Minnesota	-0.03	-1.16	0.03	-0.08	-0.08	(D)	(D)	0.10	-0.07	-0.63	0.18	-0.29
Mississippi	-0.03	-0.30	0.02	-0.25	0.08	0.01	1.55	0.03	(D)	0.05	(D)	0.08
Missouri	-0.01	0.77	0.03	-0.12	-0.18	(D)	0.45	0.12	(D)	-0.20	0.43	-0.33
Montana	(D)	0.22	0.03	-0.13	0.74	0.03	(D)	-0.02	(D)	0.14	(D)	-0.61
Nebraska	(D)	0.13	0.05	-0.55	0.15	0.00	-0.52	(D)	(D)	0.45	-0.48	-0.82
Nevada	-0.06	0.73	0.03	0.07	-0.74	0.04	-0.30	0.13	(D)	0.40	(D)	0.53
New Hampshire	-0.01	-0.52	(D)	-0.10	0.81	0.05	-0.85	-0.02	(D)	(D)	(D)	-0.08
New Jersey	0.02	-0.14	0.08	-0.24	0.21	(D)	-1.14	0.25	(D)	-0.57	-0.39	0.25
New Mexico	(D)	0.05	0.03	-0.20	-0.57	-0.07	(D)	(D)	(D)	0.16	-0.24	-1.03
New York	0.01	(D)	0.05	-0.08	0.63	0.01	(D)	0.34	-0.09	-0.03	-0.10	0.02
North Carolina	-0.01	-0.28	0.03	-0.08	0.04	-0.01	0.54	0.03	(D)	-0.44	(D)	0.06
North Dakota	-0.16	0.36	(D)	(D)	(D)	(D)	(D)	(D)	-0.05	1.95	(D)	-1.05
Ohio	-0.05	0.88	0.04	(D)	0.30	(D)	-0.61	0.01	(D)	-0.17	-0.13	1.36
Oklahoma	0.00	0.37	0.01	-0.50	-0.06	(D)	0.31	0.06	(D)	1.83	0.10	-0.07
Oregon	(D)	0.06	0.05	0.07	0.26	0.01	-0.59	0.08	(D)	0.08	0.05	2.64
Pennsylvania	-0.01	-0.14	0.06	-0.30	-0.06	0.02	-0.49	0.10	-0.02	-0.10	-0.13	-0.25
Rhode Island	(D)	1.24	(D)	-0.31	0.13	0.03	(D)	(D)	(D)	-0.33	(D)	0.25
South Carolina	-0.01	0.17	0.02	-0.17	0.27	(D)	1.31	0.02	(D)	-0.60	0.23	0.53
South Dakota	-0.06	0.68	(D)	(D)	0.41	-0.01	(D)	0.04	(D)	1.77	-0.15	-1.05
Tennessee	-0.04	-0.33	0.03	-0.41	0.92	0.07	0.64	0.19	-0.15	0.88	-0.17	0.13
Texas	-0.01	1.94	0.03	-0.10	0.46	0.00	0.23	0.08	-0.01	0.44	-0.08	-0.03
Utah	-0.02	0.98	0.01	0.07	1.55	0.00	-0.61	0.52	0.00	1.12	0.09	0.27
Vermont	(D)	-0.35	(D)	(D)	0.27	-0.04	(D)	(D)	(D)	(D)	(D)	-0.09
Virginia	0.00	2.25	0.11	-0.23	0.46	0.02	-0.28	0.07	(D)	0.04	0.06	-0.49
Washington	0.00	0.85	0.05	0.27	0.18	(D)	0.72	0.62	(D)	0.01	-0.02	2.39
West Virginia	(D)	0.88	0.04	(D)	0.12	(D)	-2.45	0.01	(D)	-1.41	(D)	0.07
Wisconsin	(D)	-0.35	0.04	-0.53	0.23	(D)	-0.37	0.07	(D)	1.15	-0.17	-0.19
Wyoming	(D)	-0.41	(D)	(D)	0.19	(D)	(D)	0.06	(D)	1.66	(D)	(D)

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

Source: U.S. Bureau of Economic Analysis