Americans for the Arts conducted AEP6 to document the economic and social benefits of the nation's nonprofit arts and culture industry. The study was conducted in 373 diverse communities and regions across the country, representing all 50 states and Puerto Rico. A local or statewide research partner implemented the data collection for each community—a total of 297 research partners represented the 373 participating communities (41 research partners represented multiple communities such as both a city and a county). The participating communities range in population from 4,000 to 4 million and represent rural, suburban, and urban areas (130 cities, 126 counties, 78 multi-city or multi-county regions, 18 arts districts, and 21 states/territories).

Researchers, in collaboration with their local and statewide partners, collected surveys from 16,399 organizations and 224,677 attendees to provide a measure of total industry spending. Using the IMPLAN economic modeling platform, input-output analysis models were customized for all 373 study regions. These quantitative models measure the economic relationships between hundreds of different industries in each geographic area. Reports were prepared for each of the 373 study regions, and national estimates were made for the nation as a whole.

For this study, economic impact is defined as the following measures:

- Jobs is a total figure of people employed (full-time, part-time, and seasonal employment jobs).

- Resident household income includes salaries, wages, and entrepreneurial income paid to residents. It is the money individuals earn personally and then use to pay for food, mortgages, and other living expenses.

- Tax revenue to local, state, and federal governments includes revenue from taxes (e.g., income, property, or sales), as well as funds from licenses, filing fees, and other similar sources.

To participate in AEP6, the 297 local and statewide research partners agreed to four participation criteria.

1. Identify and code the comprehensive universe of eligible arts and culture organizations located in their study region.
2. Assist with the collection of detailed financial and attendance information from those organizations and review the information for accuracy.
3. Collect audience-intercept surveys from attendees at a broad, representative sample of cultural events that take place in their study region.
4. Pay a modest cost-sharing fee. (No community was refused participation for an inability to pay.)

How local and statewide research partners identified eligible arts and culture organizations for study inclusion.

Each of the 297 research partners identified the universe of nonprofit arts and culture organizations located in their region using the National Taxonomy of Exempt Entity (NTEE) coding system as a guideline. The NTEE system—developed by the National Center for Charitable Statistics at the Urban Institute—is a definitive classification system for nonprofit organizations recognized as tax exempt by the Internal Revenue Code. This system divides the entire universe of nonprofit organizations into 10 major categories, including "Arts, Culture, and Humanities." The IRS Business Master File lists approximately 116,000 nonprofit arts and culture organizations registered with the IRS in 2022.

The following NTEE "Arts, Culture, and Humanities" subcategories were included in this study:

- A01 — Alliances and Advocacy
- A02 — Management and Technical Assistance
- A03 — Professional Societies and Associations
- A05 — Research Institutes and Public Policy Analysis
- A11 — Single Organization Support
- A12 — Fund Raising and Fund Distribution
- A19 — Support (not elsewhere classified)
- A20 — Arts and Culture (general)
- A23 — Cultural and Ethnic Awareness
- A24 — Folk Arts
- A25 — Arts Education
- A26 — Arts and Humanities Councils & Agencies
- A27 — Community Celebrations
- A30 — Media and Communications (general)
- A31 — Film and Video
- A32 — Television
- A33 — Printing and Publishing
- A34 — Radio
- A40 — Visual Arts (general)
- A50 — Museums (general)
- A51 — Art Museums
- A52 — Children's Museums
- A53 — Folk Arts Museums
- A54 — History Museums
- A56 — Natural History and Natural Science Museums
- A57 — Science and Technology Museums
- A60 — Performing Arts (general)
- A61 — Performing Arts Centers
- A62 — Dance
- A63 — Ballet
- A65 — Theatre
- A68 — Music
- A69 — Symphony Orchestras
- A6A — Opera
- A6B — Singing and Choral Groups
- A6C — Bands and Ensembles
- A6E — Performing Arts Schools
- A70 — Humanities (general)
- A80 — Historical Organizations (general)
- A82 — Historical Societies and Historic Preservation
- A84 — Commemorative Events
- A90 — Arts Services (general)
- A99 — Arts, Culture, and Humanities (miscellaneous)
- B70 Libraries
- C41 Botanical Gardens and Arboreta
- C42 Garden Clubs
- D50 Zoos and Aquariums
- N52 Fairs and Festivals
- Q21 International Cultural Exchange

AEP6 takes an inclusive approach that accounts for different localities and cultures. For example, in some communities, the museum may be a nonprofit organization while in others it is a government-owned and operated entity. Both are included in AEP6. Also included are entities such as public and private local arts agencies, living collections (zoos, aquariums, and botanical gardens), university presenters, and arts programs under the umbrella of a non-arts organization or facility (such as a library, social service organization, or church). In addition to the organization types listed above, the study research partners were encouraged to include other types of eligible organizations if they play a substantial role in the cultural life of the community or if their primary purpose is to promote participation in, appreciation for, and understanding of arts and culture. In short, if it displays the characteristics of a nonprofit arts and culture organization and has an identifiable budget, attendance, and leadership, it was included in AEP6. This study does, however, exclude individual artists and the for-profit arts and entertainment sector (e.g., Broadway or the motion picture industry)—all vital and valued components of the nation's arts landscape but beyond the scope of this study.

SURVEYS OF NONPROFIT ARTS AND CULTURE ORGANIZATIONS

Detailed information was collected from 16,399 eligible organizations about their fiscal year 2022 expenditures (e.g., labor, local and non-local artists, operations, materials, facilities, and asset acquisition), as well as their event attendance, in-kind contributions, and volunteerism. Surveys were collected from February through July 2023. Some organizations only provided total expenditures and attendance (they are included in the study). Responding organizations had budgets ranging from a low of $0 to a high of $375 million. Response rates for the 373 communities averaged 43.9% and ranged from 5% to 100%. It is important to note that each study region's results are based solely on the survey data collected. No estimates have been made to account for non-respondents. Therefore, the less-than-100 percent response rates suggest an understatement of the economic impact findings in most of the individual study regions.

SURVEYS OF NONPROFIT ARTS AND CULTURE AUDIENCES

Audience-intercept surveying, a common and accepted research method, was conducted in all 373 of the study regions to measure event-related spending by nonprofit arts and culture audiences. Attendees and participants were asked to complete a short survey while attending an event. Nationally, a total of 224,677 attendees completed the survey for an average of 602 surveys per study region. The randomly selected respondents provided itemized expenditure data on attendance-related activities such as meals, souvenirs, transportation, and lodging, as well as socioeconomic information, ZIP code of primary residence, and four social impact questions. Data was collected from May 2022 through June 2023 at a broad range of both paid and free events. The survey respondents provided information about the entire party with whom they were attending the event. With an overall average travel party size of 2.41 people, this data represents the spending patterns of 541,472 attendees.
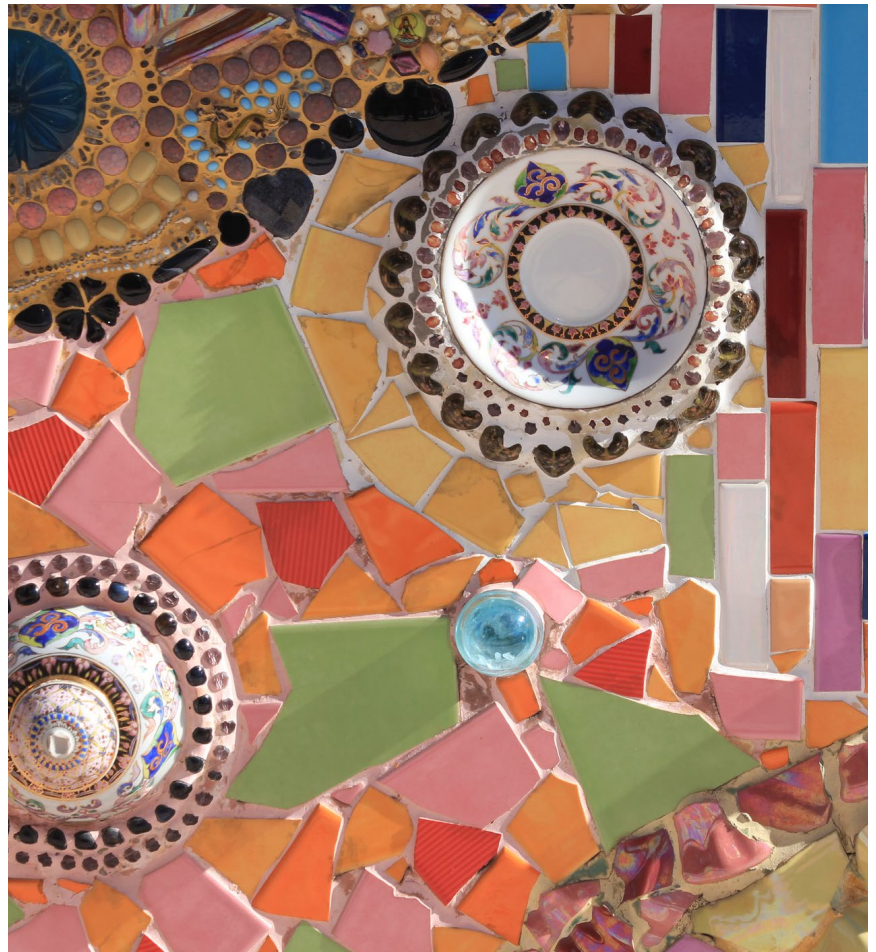
STUDYING ECONOMIC IMPACT USING INPUT-OUTPUT ANALYSIS

The nation's economy is shaped by complex interactions among businesses, workers, and communities. To derive the most reliable economic impact data, input-output analysis is used to measure the impact of expenditures by nonprofit arts and culture organizations and their audiences. This is a highly regarded type of economic analysis that has been the basis for multiple Nobel Prizes in economics. The models are systems of mathematical equations that combine statistical methods and economic theory in an area of study called econometrics.

Americans for the Arts uses the IMPLAN platform to create the customized models for each of the 373 study regions. Input-output models calculate the interdependencies between various sectors or industries within a region. The model quantifies how changes in one sector's output and demand for inputs affect other sectors in the economy. IMPLAN's models are based on detailed tables that represent the flow of goods and services between different industries. IMPLAN relies on region-specific and industry-specific data to customize input-output models for different areas and sectors, allowing for more accurate and region-specific analysis.

In short, this analysis traces how many times a dollar is respent within the local economy before it leaks out, and it quantifies the economic impact of each round of spending. This form of economic analysis is well suited for AEP studies because it can be customized specifically to each participating community, region, or state.

CALCULATION OF THE NATIONAL ECONOMIC IMPACT ESTIMATES

The national estimates were derived using the following steps:

1. The 130 cities and towns that participated in the study were stratified into six population cohorts, and average economic impact results were calculated for each cohort. Ten communities were excluded from the calculation of the averages due to their comparably high levels of economic activity relative to the other participating communities in their cohort. This was done to avoid inflating the national estimates.

2. The nation's largest 13,189 incorporated places were assigned to one of the six groups based on their population, as supplied by the U.S. Census Bureau, and assigned the economic impact average for its population group.

3. The average economic impact values of the cities and towns were added together to determine estimated national economic impact findings.

BIPOC and ALAANA

These acronyms are used to reference individuals or communities of color: BIPOC (Black, Indigenous, People of Color) and ALAANA (African, Latine, Asian, Arab, Native American). While these terms do not fully encompass or represent the complicated and multi-layered nature of indigeneity or ethnic and racial identities, they are the most commonly used terms in our work.

Cultural Tourism

Travel directed toward experiencing and engaging with the arts, culture, heritage, traditions, and special character of a place. It may involve visiting an arts and culture organization, attending festivals, and experiencing the cuisine.

Direct Economic Impact

A measure of the economic effect of the initial expenditure within a community. For example, when a symphony pays its players, each musician's salary and the associated payroll taxes paid by the nonprofit represent direct economic impact.

Direct Expenditures

The first round of expenditures in the economic cycle (the money buyers pay to sellers in exchange for goods or services). A ballet company's purchase of dance shoes is an example of direct expenditures.

Econometrics

The process of using statistical methods and economic theory to develop a system of mathematical equations that measures the flow of dollars between local industries. The input-output model customized for each AEP6 community is an example of an econometric model.

Household Income (or Personal Income)

The salaries, wages, and entrepreneurial income residents earn and use to pay for food, mortgages, and other living expenses. It is important to note that resident household income is not just salary. When a business receives money, for example, the owner usually receives a percentage of the profit, resulting in income for the owner. Household income also includes benefits and employer-paid payroll taxes (social security, unemployment, etc.).

IMPLAN

AEP6 study uses IMPLAN for its economic analysis. IMPLAN is short for "IMpact analysis for PLANning." It is a widely used economic modeling and impact analysis tool. Using the IMPLAN economic modeling platform, input-output analysis models were customized for all 373 study regions. These quantitative models measure the economic relationships between hundreds of different industries in each geographic area. IMPLAN is a well-regarded system that is used by more than 1,000 U.S. companies and governments.

Indirect and Induced Impact

AEP6 measures the economic impact of the arts using a methodology that enables economists to track how many times a dollar is respent within the local economy and thus, to measure the economic impact generated by each round of spending. For example, when a theater company purchases paint from the local hardware store, there is a measurable economic effect of that initial expenditure within a community. However, the economic benefits typically do not end there because the hardware store uses some of its income to pay the clerk that sold the paint (induced impact), as well as to pay other businesses such as the electric bill (indirect impact). The indirect and induced economic impacts are the effects of the subsequent rounds of spending by businesses and individuals, respectively.

Input-Output Analysis

A system of mathematical equations that combines statistical methods and economic theory in an area of economic study called econometrics. Economists use this model (occasionally called an inter-industry model) to measure how many times a dollar is respent in, or ripples through, a community before it leaks out (see Leakage). The model is based on a matrix that tracks the dollar flow between hundreds of finely detailed industries in each community. It allows researchers to determine the economic impact of local spending by nonprofit arts and culture organizations on jobs, household income, and government revenue. This is a highly regarded method of economic analysis that ensures reliable and actionable localized results.

Jobs (Employment)

Employment data in IMPLAN is an annual average headcount of full time, part time, and seasonal employment. Note that a person can hold more than one job, so the job count is not necessarily the same as the count of employed persons. While IMPLAN employment adjusts for seasonality, it does not indicate the number of hours worked per day. It is not, therefore, equal to full time equivalents. This is the same definition used by the U.S. Bureau of Economic Analysis Regional Economic Accounts and the U.S. Bureau of Labor Statistics Census of Employment and Wages.

Leakage

Leakage refers to the money that is spent outside of a community. This is measured because nonlocal spending has no economic impact within the community, whereas dollars spent within the community continue to have an economic local impact. A ballet company purchasing shoes from a nonlocal manufacturer is an example of leakage. If the shoe company were local, the expenditure would remain within the community and create another round of spending (and local economic impact) by the shoe company.

Social Impact

In AEP6, social impact refers to the effect that the nonprofit arts and culture industry has on the well-being of individuals and their community, such as social connections, community pride and identity, physical and emotional health, and community livability.

Tax Revenue to Local, State, and Federal Governments

The IMPLAN economic modeling platform used in AEP6 provides a measure of government tax income based on the transactions of the tracked economic activities. It includes taxes paid by both businesses and individuals such as sales tax, income tax, corporate tax, and property tax.