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DATA REPORT

FROM THE

1989 NATIONAL MUSEUM SURVEY

Boekmanstichting - Bibliotheek
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January 1992

American Association of Museums



Museums: Building a Future as Solid as the Past

Behind the doors of each museum lies a new world of experience. There are thousands of museums across the country today, with at least one in almost every community. Each year, hundreds of thousands of Americans cross the thresholds of these institutions—homes to a wide range of national treasures from the country's greatest art collections to the most exotic species of flora and fauna. In most cases, the museum itself is an admired work of art. Museums and their staff preserve cultural, scientific and artistic histories as well as taking an active role in the future through educational programs.

The American Association of Museums unites all of the museums across the country and serves them, just as museums serve the American public. The American Association of Museums has succeeded in completing the most expansive museum study in over ten years. This report recounts the data collection process and analyzes its results and their ramifications on the status of museums in America today.

Philip Morris Companies Inc. is pleased to sponsor the American Association of Museums' data collection program and publications. We have been supporting the arts for 35 years, and we strongly support the development of a strong future for the arts. AAM's study is a program that points to a bright future for museums in America.



Stephanie French
Vice President, Corporate Contributions and Cultural Affairs
Philip Morris Companies Inc.

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SECTION I

TECHNICAL DISCUSSION OF THE 1989 MUSEUM SURVEY

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Introduction and Background

The U.S. museum community includes diverse institutions with very diverse collections. Their annual budgets vary in size from a few hundred dollars to over \$200 million. Their organizational structures include public and private institutions, corporate entities, and university affiliates. Their different types include the following:

Institutions with Living Collections:

- arboreta
- aquariums
- botanical gardens
- nature centers
- zoos

Outdoor Sites:

- historic buildings and houses
- historic sites
- natural sites

Noncollecting Institutions:

- art centers
- children's museums
- planetariums
- science-technology centers

Collecting Institutions with (Usually) Nonliving Indoor Collections:

- anthropology museums
- art museums
- general museums
- history museums
- natural history museums
- science museums
- specialized collection museums

These institutions share two common goals: to preserve our material culture and natural history and to exhibit and interpret this heritage to the public. They share a common mandate: to hold these collections and resources in public trust for both the present and future generations.

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Although museums represent some of this country's oldest institutions, field-wide, up-to-date data on these institutions did not exist in 1987 when the first planning for this project began. Sporadic attempts over the past 20 years have produced limited views of the field. The last national survey was the *1979 Museum Program Survey*,¹ sponsored by the Institute of Museum Services and conducted by the National Center for Educational Statistics, formerly part of the Department of Education. A survey of 1,373 nonprofit museums was conducted from a universe of 4,580 museums. Specialized data collections or surveys on segments of the museum community have been conducted since then. Clearly, there was need to conduct a national, up-to-date, comprehensive, field-wide survey.

The *Data Report of the 1989 National Museum Survey* launches a commitment by the American Association of Museums (AAM) to a long-term program of gathering information about U.S. museums. The priority of this survey has been to provide a national profile of museums while developing a source of data that an individual museum can use for its own comparative purposes. It is a direct response to AAM's report, *Museums for a New Century*,² published in 1984. The Commission on Museums for a New Century, which produced the report, felt its work handicapped by the "lack of information about museums and the museum profession." The commission reported:

There are no reliable data on the characteristics of the museum work force, the availability of various kinds of public programming or the financial picture in American museums. We cannot compare organization structures, nor do we know the extent of the development of policies in such areas as collections management. Even such simple information as the number, type, budget size and regional distribution of museums is not regularly maintained.

The commission recommended setting up a permanent mechanism for data collecting.

The American Association of Museums began planning this project in the fall of 1987. The *Data Report of the 1989 National Museum Survey* is to be a first and major step in an on-going program of data collection. Its purpose is to be a comprehensive baseline survey that will serve as the basis for future smaller surveys and research projects and for update surveys. This data collection program is field-driven to ensure that it will be useful to both individual museums and the national organizations and agencies supporting this community.

Because AAM had to raise all funds for this survey, the project had limited resources. It took almost a year to raise enough funds to begin the project. (The starting date was August 1988.) Although the budget did drive some decisions, whenever quality conflicted with either time or funds, AAM and the project team chose not to compromise the quality of the project. Approximately half the funds were raised from the four federal agencies that grant funds to public and private, nonprofit museums: the Institute of Museum Services, the National Endowment for the Arts, the National Endowment for the Humanities, and the National Science Foundation. The balance came from private foundations and corporations: Philip Morris Companies, Inc.; the Rockefeller Foundation; the Dillon Fund; the Max and Victoria Dreyfus Foundation, Inc.; James G. Hanes Memorial Fund/Foundation; and the Bureau of National Affairs. Exhibit 1 shows the organizations that funded this project.

The 1989 Museum Survey was guided by a National Steering Committee that included professionals from the museum community; representatives of three of the four federal agencies funding the project; experts in data, research, and the economics of arts and cultural organizations; and senior AAM personnel (see Exhibit 2 for a list of committee members). The members of the National Steering Committee set the goals, defined policies, helped shape the data items on the survey instrument, and provided support and services in the telephone follow-up and the generation of this report.

The Steering Committee set the following goals for the Data Collection Survey:

- produce an accurate, reliable survey
- provide useful data to the museum community
- develop common vocabulary and working definitions
- increase an individual museum's sophistication in describing itself and comparing itself to similar institutions
- increase AAM's sophistication in collecting, organizing, and disseminating this type of information
- respond to a broader museum community agenda.

The Steering Committee further defined five general areas of museum operations for study by the data collection project:

- organizational structure and legal information
- administration (facilities, security, physical access, personnel)
- collections and research (collections, care and maintenance, conservation, research)
- public activities and audience (attendance and admissions, exhibitions, public programs, publications, and products)
- finances, development, and membership.

Each area was addressed by a section of the questionnaire.

Project staff included the senior AAM personnel that were members of the National Steering Committee, an outside consultant with expertise in survey research and data collection in the arts and cultural area who served as project manager, and a survey research firm (Prospect Associates) that provided the statistician, computer operations, and survey operations personnel. The survey research firm was chosen through a competitive bidding process conducted in the fall of 1989.

Definition of a Museum

As the project's target population was all types of museums in the United States and its territories, the first step was to define a museum. The committee developed a four-point definition:

A museum is an institution that:

- is organized as a public or private nonprofit institution, existing on a permanent basis for essentially educational and aesthetic purposes
- cares for and owns or uses tangible objects, whether animate or inanimate, and exhibits these on a regular basis
- has at least one professional staff member or the full-time

equivalent, whether paid or unpaid, whose primary responsibility is the acquisition, care, or exhibition of objects owned or used by the museum

- is open to the general public on a regular basis (the general public can or may arrange to visit on at least 120 days per year).

This definition is similar to the definitions used by the American Association of Museums and the Institute of Museum Services. It is almost the same as that used in the 1979 Museum Universe Survey but has two important differences: the minimum number of days the institution is open to the public is specified, and for-profit museums are excluded. Even though they may be of fine quality, museums that are not open to the public on a regular basis, such as some academic department collections, are also excluded.

Asking if the respondent met the four-point definition of a museum was the first question on the questionnaire. An institution answering no to any one of these criteria was asked not to proceed. Terms were further defined by the project staff for institutions requesting clarification:

organized: a duly constituted body with expressed responsibilities

permanent: the institution is expected to continue in perpetuity

essentially educational or aesthetic: the museum manifests its expressed responsibilities by knowledgeable utilization of its objects and exhibits them for elucidation and enjoyment

staff: at least one paid or unpaid person primarily engaged in the acquisition, care, or exhibition to the public of objects owned or utilized

owns or uses tangible objects, whether animate or inanimate: includes but not limited to aquariums, nature centers and zoological parks; arboretums and botanical gardens; museums related to art, history (including historic building museums), natural history, and science and technology; and planetariums

exhibits them to the public on a regular basis: an institution exhibits to the general public if such exhibition is a primary purpose of the institution and accessible at least 120 days a year.

Museum Universe and Sampling Frame

The Steering Committee determined to conduct its survey not as a full census of museums but by means of well-established sampling techniques. This decision was driven by the goal to get reliable national estimates of the museum community. Before conducting the 1979 Program Survey, IMS had conducted a "universe survey" to develop a master list of museums, determine whether institutions on IMS lists were eligible museums, and gather information about museum type, budget size, and governing authority. The effort took more than a year, cost more than \$100,000 in 1978 dollars, and still did not produce the accuracy expected. Thus the Steering Committee decided that a similar effort would not be cost- or time-effective.

Before developing a sampling plan, the committee compiled a master list of museums that would serve as the sampling frame. This list was compiled by merging membership, directory, and organization lists containing more than 36,000 entries from 33 organizations that served parts or all of the U.S. museum community (see Exhibit 3). The lists varied in size, detail, and accuracy. The largest list contained more than 6,500 institutions, the smallest, fewer than 100. These lists were reviewed by a panel of experts (see Exhibit 4). Where possible and feasible, duplicate records for the same institution were eliminated. Records were also eliminated for institutions that did not meet one or more criteria of the definition of a museum; in practice, only museums that did not meet the first criterion (that a museum be nonprofit) could be eliminated because of lack of information on the other criteria.

The sampling frame ultimately included 13,886 institutions. Ideally it would have only one record for each member of the target population, but the committee expected that up to 25 percent of the institutions in the frame would be duplicates, ineligible, or closed, most of them probably small museums. In fact, 451 institutions from the sample, or 21 percent, responded that they did not meet one of the four criteria (see Section II: Ineligible Museums).

Stratification of the Universe

To make sure the final sample would provide data representative of the full diversity of the museum community, the sampling plan was based on an initial step of stratifying the sampling frame. Stratification classifies

the population into subpopulations (or strata) based on supplementary information. Selecting samples from each stratum allows sample size within the stratum to be controlled rather than randomly determined by the sampling process, thus ensuring an adequate number in each stratum. The strata identified as most helpful in assuring that the sample would be representative were region, type, budget size of museum, and governing authority. The AAM and other museum organizations providing lists had information on the first three variables. Because no information on governing authority, the fourth variable, was available, it was not included in the stratification.

Assuming an adequate response rate, stratification would provide adequate sample sizes to produce reliable estimates for subpopulations. Stratification by 6 AAM regions, 12 types, and 3 (for two museum types, four) budget-size categories produced 228 strata for sampling. Definitions of these variables are provided in Exhibits 3 and 4.

Region of museum was defined as the AAM's regions (see Exhibit 6). Region was determined by address (state) and proved highly reliable, with only two museum shifts (one due to a typographical error in developing the master list).

Type of museum was defined by the disciplines appearing on the Institute of Museum Services' General Operating Support application (arboreta and botanical gardens were combined into one category). These disciplines are:

- aquarium
- arboretum/botanical garden
- art museum/center
- children's/youth museum
- general museum
- historic house/site
- history museum
- natural history or anthropology museum/site
- nature center
- planetarium
- science/technology center/museum
- specialized museum
- zoo

Two types could not be distinguished from one another in the sampling frame lists (historic site/house and history museum). These were

combined into one group for sampling purposes but were analyzed as two.

A few multidiscipline lists had "type of museum." For most museums, type was assigned by the organizational list on which the institution appeared. For example, each institution on the list provided by the American Association of Botanical Gardens and Arboreta (AABGA) was classified as an arboretum/botanical garden. However, because other types of museums, such as art and history museums like the Winterthur Museum and Colonial Williamsburg might have garden collections and belong to AABGA, duplication occurred and some institutions were not typed as they might have typed themselves. To correct type assignments, the panel of list reviewers (Exhibit 4) and other project staff reviewed and edited the master list. As a result of the extensive editing, fewer than 5 percent of the responding institutions shifted category from the one they were assigned. The greatest shifts occurred among the science disciplines of nature centers, planetariums, and science institutions, and from all types to general museums. Exhibit 7 shows the differences in type (and size) between how an institution was assigned and selected by the sample and how that institution responded.

Size of museum was defined as the operating budget, described as "small," "medium," or "large"; for general and specialized museums, the category "very small" was also added. Budget information was available only on AAM's list. Recognizing that budget size varies by type--that it usually costs more to run an aquarium, for example, than a nature center and that a small zoo might have the same operating budget as a large historic house--the panel of list reviewers with advice from other museum professional organizations developed three or four dollar-ranges of budget for each type of museum. Exhibit 5 shows the dollar-ranges described as "very small," "small," "medium," and "large" for each type of museum. "Very small" was analyzed as "small."

Using other AAM sources, data from the Institute of Museum Services, and knowledge from people who worked with the disciplines, museums in the sampling frame were put into their appropriate size category. Where no information existed, estimates of size were made by AAM staff members and others knowledgeable about specific types of museums.

The results of the editing were that fewer than 4 percent of the responding museums reported a different size category than the one they were assigned (see Exhibit 7). Exhibit 8 shows how the dollar size of the budget categories shifted. These dollar amounts changed: (1) as a result of

the way the responding organizations were clustered; and (2) to retain as many museums in their sampled category as possible to minimize the variance and keep the weights in each strata of the sample as near to the original weights as possible.

Sample Size, Allocation, and Selection

Determining the size of the sample for the survey was affected by the cost of obtaining completed questionnaires (the project budget was developed using an approximate sample of 2,000), the level of precision desired for the population estimates, and the suspected proportions of ineligible institutions included in the sampling frame for certain types of museums. Project staff calculated a sample size at 2,158 museums. Seven museums were replaced for five refusals received within the first three months, and two "parent" organizations (discussed below) were added, bringing the final number of surveys sent out to 2,167.

Selection of institutions to receive questionnaires was made randomly from the sampling frame according to the sampling plan, which called for certain segments of the museum community (strata) to be sampled more heavily. All 446 large museums, for example, regardless of type or region, were selected (a certainty sample for the 72 large strata--12 types times 6 regions). The allocation of the remaining sample was made to the 156 other strata to achieve adequate sample sizes for estimation. Strata with few museums, such as aquariums, were sampled heavily. Art museums, history museums, and nature centers were over-sampled to compensate for higher numbers of ineligible institutions expected to be found. The sample in history was also enlarged to allow for separate estimates to be produced for historic sites or houses and history museums. The sample allocations by type and budget size and by region and budget size are presented in Exhibit 9. The allocated numbers of museums were drawn as simple random samples without replacement from each of the 156 "medium" and "small" strata.

To relate the data from the sample back to the larger universe (frame) of museums, each museum was assigned a weight based on the relationship of the sample to the frame (as shown in exhibit 9) and adjusted for ineligible and nonresponding museums in the respective strata. The population estimates (the final results) were based on the respondent's self-classification for type and self-reported operating expenses (verified in most cases by an audited financial statement). Approximately 40 museums sampled from one sampling stratum changed

budget size category, while approximately 50 museums moved from one type category to another (see Exhibit 7). Only two museums, one of which was an ineligible museum, shifted regions. The weights each museum had within a sampling stratum were equal; however, the weights in an analysis stratum differ due to the shift in type, size, and region. Further explanation on the weighting procedure appears below.

A significant proportion of museums, especially history museums, are part of a larger organization, such as a state historical society. These museums are described as having a "parent." In theory it would be best to have data by each "museum." In many such situations, however, records are kept centrally and are not broken out by museum. Therefore, in developing the sampling frame, the question arose whether to use each "museum" or the parent organization with all of its subsidiary museums as the surveyed institution. The procedure adopted was that the manner in which the records, particularly the financial and personnel records, were kept would determine the institution to be surveyed.

Thus, the Society for the Preservation of New England Antiquities and its more than 30 subsidiary historic sites were surveyed as one large history institution because the records were kept centrally. Each historic property of the National Trust for Historic Preservation is in the frame as a separate institution because records are decentralized. The Smithsonian Institution and The Carnegie in Pittsburgh, both hybrid institutions, were put into the frame as replacements and are in the data base as individual museums along with each of their subsidiaries. These two institutions have functions that are the responsibility of the parent and cannot be allocated on any reasonable basis to the subsidiary institutions. Both are assigned to the category of "general museum" The data for The Carnegie supplement the complete data given by each of its three subsidiary museums. In the case of the Smithsonian, the only data that cannot be reasonably assigned to the subsidiary museums are financial and membership data (all in Section F of the questionnaire). The income and balance sheet figures and membership for all Smithsonian museums are in the Smithsonian entry; the expense data are with the individual subsidiary museum.

Development and Pretest of the Survey Instrument

At the start of the project, the survey instrument was projected to be about the length of the 1979 survey instrument--slightly more than 600 data items. However, the Steering Committee believed that the museum community wanted to find out more and different information in specific

areas, with the result that the 1989 survey included more than 750 data items, many with specific numbers requested rather than "yes or no" answers. The committee particularly was interested in governance issues, public programs, the state of collections, research, interactions with other institutions, and more detail in the financial area.

The committee developed the data items in four meetings over a five-month period. Group discussions constructed detailed definitions and determined which items should be confidential. Nine confidential questions address security, salaries, demographics of staff and board, value of the permanent collection, and gross income and direct expenses of auxiliary activities, such as a museum shop. These items are clearly marked on the survey instrument (see Appendix A). The committee also determined which questions from the 1979 survey should be asked again and whether the 1979 terminology and wording could and should be used. Where 1979 wording was used and would appear "odd" to the respondent, it was so labeled. There were four such questions. Several questions were rewritten in terms that would elucidate information asked in 1979.

Once the data items and definitions were crafted into a survey instrument, a pretest was officially conducted with nine organizations. Each was sent a questionnaire. After the staff had filled it out or completed most of it, they were debriefed about their responses and the completion process. Two other museums voluntarily filled out the pretest questionnaire, one of which was partially debriefed. Thirteen individuals from other institutions critiqued the instrument in telephone conversations, and 12 other institutions sent in written comments about the survey. Exhibit 10 lists the institutions and individuals involved in this stage.

The time burden on respondents was correlated with size of the museum. Filling out the survey took from 1.5 hours to 33.5 hours. The sections on personnel, space (square footage/acres), finances, and the number of objects in the collection were the most time-consuming.

In the redrafting process two questions were dropped because of time and difficulty: (1) a calculation of full-time equivalence of staff in 15 different functional areas, and (2) numbers of participants of programs and services by type of target audience (school children, disabled, senior citizens, museum professionals, and others). Many other complicated questions were simplified.

Overall, the most significant problem encountered by those in the

pretest was how to deal with who owns, runs, and pays for the museum. Three different situations clouded answers: (1) government museums that have foundations or friends organizations that control large portions of a museum's activities, (2) organizations that are private and get services from a government agency, and (3) organizations that have multiple subsidiaries, such as the National Trust for Historic Preservation and state Audubon societies. Rearrangement of questions and a few additional clarifying questions addressed these problems. For instance, to understand what the governing authority of a museum is and who "owns" a museum, several questions have to be asked, as an entity can own the facilities and grounds but not be the governing authority, while a friends group or foundation can raise funds and provide staffing. Therefore, to describe fully who owns and controls museums, the final survey instrument required 37 data items.

Control and ownership by multiple entities also shaped the questions on finance. To determine the true total cost of running a museum, an additional set of data items on what the museum got from a "parent" institution free or for reduced cost had to be included. For instance, many university museums consider their "expenses" to be only the "out-of-pocket" costs that exclude salaries. To get an accurate picture of the total costs, such museums had to estimate salary cost but not include it in the same "cash" expenses as a normal payroll. Governments at all levels provide many services to museums that also needed to be reflected in the questionnaire. Unfortunately, not all museums that indicated that they were provided these services were able to estimate their value. However, the analysis of these more detailed questions produced a clearer picture of the interaction of government and museums than previously existed.

Other problems discovered during the pretest were related to capturing data on living collections, describing space in outdoor museums, and wording questions on the care and conservation of collections. Different wordings and adjustment of questions resolved the problems.

Final Design of the Survey Instrument

The final questionnaire included six sections and more than 80 questions, most with multiple parts. Almost 900 data fields (including fields indicating whether a numerical answer was an actual or estimated figure) existed in the initial data base. There were more than 70 income items; items on collections and their care and on museum finances are longer and more detailed than they were in the 1979 survey.

The questionnaire was designed to reduce respondent burden by providing skip patterns and presenting the questions in separate units to allow different people or departments to complete the questions separately and simultaneously. Each section had complete instructions and definitions of items in that section. The sections were:

- A. Museum Identification
- B. Organizational Structure and Legal Information
- C. Administration (facilities, security, physical access, personnel)
- D. Collections and Research (collections, care and maintenance, conservation, research)
- E. Public Activities and Audience (attendance and admissions, exhibitions, public programs, publications, products)
- F. Finances, Development, and Membership

The questionnaire was printed in two colors: salmon orange for the background and white for the answer boxes. Few respondents to whom a follow-up call was made indicated that they had accidentally missed an item. Unanswered items were usually the consequence of respondents not knowing an answer or feeling it was too much trouble to complete.

It was anticipated from the beginning (and it had been the experience in 1979) that the response rate of 70 percent or more would not be attained without directly contacting a significant number of museums for a selected number of items. The Steering Committee determined a list of 25 critical questions that required answers for the questionnaire to be considered "completed" by the project staff (see Exhibit 11). These items were chosen because they provided the important baseline statistics, met a crucial current need for data, or were important for unraveling relationships among sampled museums.

Most critical questions did not get a 100 percent response, but no completed questionnaire had more than 5 critical questions missing. Where possible and feasible, project staff completed missing items. (The 1979 Museum Program Survey had only 5 critical items: governing authority, number of personnel, total operating income, total capital expenditures, and total operating expenditures.)

Survey Operations (Mailings and Nonresponse Follow-up)

Because the large museums were a certainty sample, questionnaires were mailed to them, by first-class mail, in June 1989 while final work was being done on the list of medium and small museums. These were mailed first class in July 1989. Each package had two copies of the survey instrument (one as a worksheet or extra copy for the museum to keep), a transmittal letter, and a business-reply envelope. Recognizing that the museum community is unpracticed at marshaling staff resources and organizational information needed to complete a survey as complex as this, the Steering Committee hoped to make the mechanics of completing it as smooth as possible. In addition, an incentive (a contest to win a free registration to the 1990 AAM Annual Meeting) was included.

The first follow-up was a letter from either Edward H. Able, Jr., the Executive Director of AAM, or a similar one from a museum association that was more closely affiliated with the particular type of museum (such as a letter from the American Association of Botanical Gardens and Arboreta to that constituency). A copy of the letter from AAM is in Appendix C. A second follow-up (copy also in Appendix C) was sent to large museums in August. An additional copy of the questionnaire was not included because many museums had called with a question, so a second copy did not appear to be needed. For medium and small museums, a second survey was sent out in late September to institutions that had not responded or had not called with a question. The transmittal letter is also in Appendix C.

The response was steady but slow as the numbers below indicate:

End of Month	Number Replied*	Percent of Sample
August 1989	481	22.2%
September	789	36.4%
October	1,038	47.9%
November	1,182	54.5%
December	1,373	63.4%
January 1990	1,605	74.1%
February	1,715	79.2%
Final	1,741	80.3%

* Includes ineligible, refused, replaced, incomplete museums

AAM, at its regional meetings in the fall, encouraged institutions to complete the questionnaire. In late October, project staff developed a telephone follow-up strategy and solicited volunteers to start calling. (See Exhibit 12 for those who assisted on the telephone and Exhibit 13 for the follow-up strategy.) Those who volunteered to call got a package of follow-up log sheets on the museums they were to call, a copy of the questionnaire, a list of the critical items (Exhibit 11) and a two-page memo on "talking points" (in Appendix C). The museum professionals usually made 4-5 calls. Some made as many as 15-20 calls. This process continued through January 1990.

Prospect Associates, the survey research firm assisting AAM, also conducted telephone follow-up. If the survey seemed too difficult or lengthy to the potential respondent, the caller tried to retrieve the critical items by phone. Because of this procedure, responses to questions other than the 25 critical questions for small museums are at times inadequate for providing national estimates for certain types of small museums.

Surveys were logged in by hand on a master list and entered into the automated receipt/control system. The final number of responses was 1,741 (including respondents that were ineligible, refused, or replaced). This number constituted 80 percent of the sample. Exhibit 14 gives the final sample disposition.

Survey Instrument Editing

The project manager, the Prospect Associates project supervisor, and one editor employing a set of editing instructions inspected and manually edited the responses. This task included a check of each critical item to see that it had been completed. Where responses were missing or seemed incorrect, the staff phoned respondents for responses or clarifications. Items that were changed during the manual editing process were put in a different color ink. No original entries were erased.

Section F was checked against financial statements submitted with the survey for any problem areas. Moreover, the financial material in about 60 other randomly chosen questionnaires was checked against financial statements. This check was to verify that no systematic mistakes in reporting had occurred. None was found. Where a blank Section F was submitted along with a financial statement, financial documents were used to complete as much as possible.

The questionnaires were keyed by section. The numerical data were double keyed. Other data were randomly checked to assure accuracy. Editing on the computer was done for items that add up to a total and to check ranges (if a number was too big). This computer editing process unearthed a large number of mistakes, mostly the placement of a number on the wrong line. (Item 73, income, had a significant number of transposition mistakes due to the closeness of the lines on the questionnaire. Correction of these questions was a reiterative process requiring about five and a half to six months elapsed time. Where possible, such as on items where the subparts add up to a total, the computer replaced a zero for a blank. (A blanks means "no data," whereas "zero" is a real number.)

Response Rate

The Steering Committee anticipated that it would take about 4-5 months to get enough completed surveys returned to achieve its goal of a 70 percent response rate. In fact, it took more than 9 months to achieve an overall "completed questionnaire" response rate of 70 percent. Appendix B contains a list of the 1,077 museums that completed questionnaires. More than 80 percent of the museums in the sample did ultimately mail back or communicate a response over the telephone. A small number refused or did not complete enough of the questionnaire for it to be of use. Twenty-five percent of the sampled group (532) were ineligible, closed, or not open by the end of 1988. Exhibit 14 shows the final disposition of the sample. In no strata did 100 percent of the institutions complete a questionnaire. However, in a few strata, 100 percent did respond, with some responses from ineligible institutions.

During the lengthy telephone follow-up, all large and medium museums were contacted and their eligibility status was determined. Fifty-five large and 58 medium museums were prodded to return their questionnaires, but they did not do so. It was not possible or feasible to contact every small museum. Project staff, working with museum professionals, were able to verify the eligibility of 246 museums that eventually did not respond. The eligibility of 57 small museums was never determined.

The combination of an adequate response rate and/or the relatively low final weight carried by any single museum allows reliable national estimates to be provided for each region, type, and size. Exhibits 15 and 16

give details on the response rates by each of the three variables. Because many small museums responded only to the 25 critical questions, highly reliable response rates for the "small" category are limited to these questions and a few others. Moreover, reliable national estimates for some combinations of two or more categories, such as for small nature centers and arboreta/botanical gardens, are not possible given the response rates in those strata, because the variance is unacceptably large.

Weighting Procedure

Each museum in the sample was assigned a weight that allows the data from the sample to be enlarged to reflect the U.S. population of museums. The weight is the product of a base weight assigned to each museum, (reflecting its probability of selection with given type, size, and region) times a nonresponse adjustment which compensates for eligible museums that did not return a questionnaire. Since the vast majority of nonresponding museums were determined to be eligible during the follow-up procedure (see Exhibit 14), nonresponse adjustments were based on the assumption that all nonrespondents indeed were eligible. This methodology for nonresponse adjustment counterbalances slight possible over-calculation of eligible museums with the possible undercount of museums in the original frame.³

Base weight. The base weight 'BW_{tsri}' is the product of the weights assigned to a museum, categorized by each of the three variables, type, size, and region. Therefore,

$$BW_{tsri} = \frac{N_{t,s,r}}{n_{t,s,r}}$$

where $N_{t,s,r}$ = number of museums in population in type category 't', size category 's', and region category 'r'

$n_{t,s,r}$ = number of museums in sample size in type category 't', size category 's', and region category 'r'

i = nonresponse class 'i'

Nonresponse Adjustments. The nonresponse adjustments compensate for instrument nonresponse among eligible museums. They were computed separately for nonresponse classes within each size category 's' within type category 't'. For nonresponse class 'i' in stratum 'ts,' the nonresponse adjustment factor 'F_{ts}' is given by:

$$F_{ts} = \frac{n_{ts}}{n'_{ts}}$$

where n_{ts} = the number of *eligible* sampled museums in nonresponse stratum 'ts'

and n'_{ts} = the number of *responding* sampled museums in nonresponse stratum 'ts'

The final weight 'FW_{tsi}' for each responding museum in a stratum is the product of the base weight times the nonresponse adjustment given by:

$$FW_{tsi} = BW_{tsri} (F_{ts})$$

The final weights for each museum by size and type are shown in Exhibit 17.

Item Nonresponse and Data Reliability

Estimates provided from the survey are reliable by type, region, and by size of museum for many items, with the exception of small museums for which the data are reliable for the 25 critical items and only a few other items. Small museums were less able to provide data for other items due to the time required to complete those items and the unavailability of data. To guide the interpretation of the reliability of specific data items, users should consider the proportion of missing data indicated on the tables. The number and percent missing is located on the bottom of many tables; for other data items there is an analysis of nonresponse on one of the tables for that data item. Twenty-five percent or more missing for a particular data item would make the results of marginal reliability; more than 30 percent the reliability is questionable.

Data Base

The data base is available from AAM. It excludes the confidential questions (on security, salaries, demographics of staff and board, value of the permanent collection, and gross income and direct expenses of auxiliary services, such as the museum shop) and identifies museums by an ID number. Documentation about the data base is provided with the tape.

¹ Lewis C. Price, Lisa DiRocco, and Janice D. Lewis, *Museum Program Survey, 1979*. Prepared by Macro Systems, Inc. of Silver Spring, MD for the National Center for Education Statistics, Washington, DC, March 1981.

² *Museums for a New Century*. A report of the Commission on Museums for a New Century. American Association of Museums, Washington, DC, 1984.

³ The possibility of an undercount of museums in the sampling frame is quite high, although the size of any undercount is not likely to be significant except possibly among very small institutions. Although the search for lists of museums was exhaustive, undoubtedly a number of museums exist that are not on any list.

During the analysis of data, the number of museums in the data base that were established and/or open to the public by 1978 was calculated as shown in Table B:14. This was done to compare results of this survey with the IMS Program Survey of 1979. The 1979 survey estimated the number of U.S. museums at that time to be 4,408; the 1989 survey calculated a national estimate of 7,160 museums to have been established or open by 1978. The criteria for inclusion in the museum population was very similar in both surveys, but less rigorous for the 1979 Program Survey (see section on Definition of a Museum, p. 4).

One likely explanation for the difference in counts is the number of lists and their comprehensiveness that was used to build the respective museum universes. Organizations serving museums became greater in number and far stronger in the 1980s than they had been in the late 1970s. A similar lesson may be learned in the future about the frame built for this survey. Therefore, it is prudent to assume that the frame or universe omitted some museums, and that this undercount would at a minimum counterbalance any over-count from assuming all nonresponding museums were eligible.

FUNDING SOURCES FOR THE 1989 MUSEUM SURVEY

Institute of Museum Services

National Endowment for the Arts

National Endowment for the Humanities

National Science Foundation

Philip Morris Companies, Inc.

The Rockefeller Foundation

The Dillon Fund

The Max and Victoria Dreyfus Foundation, Inc.

James G. Hanes Memorial Fund/Foundation

Bureau of National Affairs

MUSEUM DATA COLLECTION PROGRAM
NATIONAL STEERING COMMITTEE

Co-chairs

Michael Spock Vice President for Public Programs
Field Museum of Natural History
Dan L. Monroe President
Portland Art Museum

Committee Members

Sarah Becker Economist
James Blackaby Museum Consultant
Formerly Curator, Mercer Museum of Bucks County
Historical Society
Rebecca Danvers Program Director
Institute of Museum Services
Bruce Evans Director
Dayton Art Institute
Gail Harrity Chief Financial Officer
Guggenheim Museum
Harold Horowitz Formerly Director, Research Division
National Endowment for the Arts
Warren Iliff Director
Dallas Zoo
Cheryl McClenney- Vice President for External Affairs
Brooker Philadelphia Museum of Art
Carol Nelson Director - Special Projects
Louisiana Association of Museums
Andrew Oliver Director, Museum Program
National Endowment for the Arts
Marsha Semmel Assistant Director, Museums and Historical
Organizations, National Endowment for the Humanities
Ray Thompson Director
Arizona State Museum, University of Arizona
Dennis Wint President
St. Louis Science Center

Program Staff: American Association of Museums

Kathy Dwyer Southern Deputy Executive Director of Programs and Policy
(1986-1990)
Donald A. Moore Deputy Executive Director of Programs and Policy
(1990-1991)
Patricia E. Williams formerly Director, Accreditation Program
Kim Igoe Director, Museum Assessment Program
Alma Gates Executive Assistant

Program Staff: Project Manager

Monnie Peters Consultant in Survey Research and Long Range Planning for Nonprofit
Organizations

**ORGANIZATIONS PROVIDING LISTS OF MUSEUMS FOR UNIVERSE
DEVELOPMENT**

American Association Of Museums
Official Museum Directory

American Association of Zoological Parks and Aquariums
American Association of Botanical Gardens and Arboreta
Association of Art Museum Directors
Association of Science-Technology Centers
Association of Railroad Museums
Association of Science Museum Directors
American Federation of Arts
American Association for State and Local History
African American Museum Association
Association of College and University Museums and Galleries
Society of American Archivists
National Trust for Historic Preservation
National Science for Youth Foundation
Council of Jewish Museums
North American Indian Museum Association
Council of American Maritime Museums
National Association of Interpretation
International Planetarium Society
National Park Service
Department of the Army

New England Museum Association
Mid-Atlantic Association of Museums
Southeastern Museums Conference
Midwest Museums Conference
Mountain/Plains Museum Association
Western Museums Conference

Louisiana Association of Museums
California Association of Museums
Texas Association of Museums
Museums Council of New Jersey
Rhode Island Museum Network

PANEL OF REVIEWERS OF MASTER LIST

Bonnie Van Dorn, Association of Science-Technology Centers
Rebecca Danvers, Institute of Museum Services
Dan Lukash, Institute of Museum Services
Andrea Anderson, National Endowment for the Humanities
Susan Schreiber, National Trust for Historic Preservation
Maureen Robinson, The Smithsonian

American Association of Museums Staff:

Kathy Dwyer Southern
Patricia E. Williams
Kim Igoe
Alma Gates
Kathy Maxwell
Susan Nichols
Susan Graziano

TYPE AND OPERATING BUDGET SIZE CATEGORIES USED FOR STRATIFICATION

<u>Type</u>	<u>Estimated Operating Expenses</u>	<u>Size Code</u>
Aquarium	\$3,000,000 and over	L
	\$1,000,000 to \$3,000,000	M
	Under \$1,000,000	S
Arboretum/ Botanical Garden	\$1,000,000 and over	L
	\$200,000 to \$1,000,000	M
	Under \$200,000	S
Art Museum	\$1,000,000 and over	L
	\$200,000 to \$1,000,000	M
	Under \$200,000	S
Children's Museum	\$1,000,000 and over	L
	\$200,000 to \$1,000,000	M
	Under \$200,000	S
General Museum	\$1,000,000 and over	L
	\$350,000 to \$1,000,000	M
	\$100,000 to \$350,000	S
	Under \$100,000	V
Historic Site/House/ History Museum	\$1,000,000 and over	L
	\$350,000 to \$1,000,000	M
	Under \$350,000	S
Natural History/ Anthropology Museum	\$1,000,000 and over	L
	\$250,000 to \$1,000,000	M
	Under \$250,000	S
Nature Center	\$800,000 and over	L
	\$250,000 to \$800,000	M
	Under \$250,000	S
Planetarium	\$1,000,000 and over	L
	\$250,000 to \$1,000,000	M
	Under \$250,000	S
Science Museum/ Technology Center	\$5,000,000 and over	L
	\$1,000,000 to \$5,000,000	M
	Under \$1,000,000	S
Specialized Museum	\$1,000,000 and over	L
	\$350,000 to \$1,000,000	M
	\$100,000 to \$350,000	S
	Under \$100,000	V
Zoo	\$3,000,000 and over	L
	\$1,000,000 to \$3,000,000	M
	Under \$1,000,000	S

AAM REGIONS USED FOR STRATIFICATION

<u>Region</u>	<u>States and Territories Included</u>
New England	CT, ME, MA, NH, RI, VT
Mid-Atlantic	DC, DE, MD, NY, NJ, PA, PR, VI
Southeastern	AL, AR, FL, GA, KY, LA, MS, NC, SC, TN, VA, WV
Midwest	IL, IN, IA, MI, MN, MO, OH, WI
Mountain/Plains	CO, KS, MT, NE, NM, ND, SD, OK, TX, WY
Western	AK, AZ, CA, HI, ID, NV, OR, UT, WA, AS, GU

**DIFFERENCES IN SIZE AND TYPE OF RESPONDING INSTITUTIONS
BETWEEN AS SELECTED AND AS RESPONDED**

<u>Size</u>	<u>No. Institutions As Selected</u>	<u>No. Institutions As Responded</u>
Large	346	329
Medium	152	192
Small & Very Small	579 -----	556 -----
Total	1,077	1,077

<u>Type</u>	<u>No. Institutions As Selected</u>	<u>No. Institutions As Responded</u>
Aquarium	14	14
Arboretum	52	41
Art	222	218
Children's	40	37
General	86	104
History Site/House	286	121
History Museum	*	180
Natural History	102	100
Nature Center	78	58
Planetarium	33	20
Science	43	58
Specialized	58	61
Zoo	63	63
Parent Organizations **	- -----	2 -----
Total	1,077	1,077

* All history institutions were in one Type category because of an inability to segregate them in the selection process.

** The Smithsonian and the Carnegie Museums are two parent organizations that have multiple large subsidiary museums. Both have data items that cannot be allocated to the individual subsidiary museums, and thus they were assigned an individual organization number. See the accompanying text for more on this issue.

BUDGET SIZE BY TYPE CATEGORIES AS RESPONDED (BY SAMPLE)

Type	Size Code	Reported Operating Expenses	Change from Sample Category
Aquarium	L	\$5,000,000 and over	\$3,000,000 and over
	M	\$800,000 to \$5,000,000	\$1000,000to\$3,000,000
	S	Under \$800,000	Under \$1,000,000
Arboretum/ Botanical Garden	L	\$2,000,000 and over	\$1,000,000 and over
	M	\$250,000 to \$2,000,000	\$200,000 to \$1,000,000
	S	Under \$250,000	Under \$200,000
Art Museum	L	\$800,000 and over	\$1,000,000 and over
	M	\$300,000 to \$800,000	\$200,000 to \$1,000,000
	S	Under \$300,000	Under \$200,000
Children's Museum	L	\$1,000,000 and over	No change
	M	\$300,000 to \$1,000,000	\$200,000 to \$1,000,000
	S	Under \$300,000	Under \$200,000
General Museum	L	\$1,000,000 and over	No change
	M	\$300,000 to \$1,000,000	\$350,000 to \$1,000,000
	S	\$100,000 to \$300,000	\$100,000 to \$350,000
	V*	Under \$100,000	No change
Historic House/Site**	L	\$800,000 and over	\$1,000,000 and over
	M	\$350,000 to \$800,000	\$350,000 to \$800,000
	S	Under \$350,000	No change
History Museum**	L	\$1,000,000 and over	No change
	M	\$350,000 to \$1,000,000	No change
	S	Under \$350,000	No change
Natural History/ Anthropology Museum	L	\$1,000,000 and over	No change
	M	\$250,000 to \$1,000,000	No change
	S	Under \$250,000	No change
Nature Center	L	\$800,000 and over	No change
	M	\$300,000 to \$800,000	\$250,000 to \$800,000
	S	Under \$300,000	Under \$250,000
Planetarium	L	\$2,000,000 and over	\$1,000,000 and over
	M	\$250,000 to \$2,000,000	\$250,000 to \$1,000,000
	S	Under \$250,000	No change
Science Museum/ Technology Center	L	\$3,000,000 and over	\$5,000,000 and over
	M	\$1,000,000 to \$3,000,000	\$1,000,000 to \$5,000,000
	S	Under \$1,000,000	No change

Specialized Museum	L	\$1,000,000 and over	No change
	M	\$500,000 to \$1,000,000	\$350,000 to \$1,000,000
	S	\$100,000 to \$500,000	\$100,000 to \$350,000
	V*	Under \$100,000	No change
Zoo	L	\$3,000,000 and over	No change
	M	\$1,000,000 to \$3,000,000	No change
	S	Under \$1,000,000	No change

*In these two categories of type "Very Small" was added to insure that these institutions would not be excluded randomly from the sample. As planned, they are analyzed as part of the "small" population.

**Historic house/site and History museums were sampled as one group because of the inability to segregate the two. They are analyzed and reported as two groups.

**SIZES OF THE SAMPLE AND THE FRAME
BY TYPE & SIZE AND BY REGION & SIZE OF MUSEUM**

MUSEUM TYPE	SIZE				TOTAL
	LARGE	MEDIUM	SMALL	VERY SMALL	
Aquarium	4 of 4	6 of 6	16 of 16	---	26 of 26
Arboretum/Garden	13 of 13	25 of 91	134 of 517	---	172 of 621
Art	146 of 146	33 of 251	157 of 1,143	---	336 of 1,540
Children's	6 of 6	20 of 26	47 of 63	---	73 of 95
General	31 of 31	22 of 57	86 of 240	30 of 76	169 of 404
History Museum/Site	127 of 127	31 of 191	437 of 8,899	---	595 of 9,217
Natural History	40 of 40	23 of 49	99 of 216	---	162 of 305
Nature Center	21 of 21	28 of 116	149 of 735	---	198 of 872
Planetarium	9 of 9	18 of 24	38 of 50	---	65 of 83
Science	16 of 16	14 of 20	72 of 112	---	102 of 148
Specialized	5 of 5	7 of 13	116 of 344	22 of 63	150 of 425
Zoo	28 of 28	28 of 40	54 of 82	---	110 of 150
TOTAL	446 of 446	255 of 884	1,405 of 12,417	52 of 139	2,158 of 13,886

REGION	SIZE				
	LARGE	MEDIUM	SMALL	VERY SMALL	TOTAL
New England	41 of 41	26 of 91	128 of 1,307	4 of 8	199 of 1,447
Mid Atlantic	115 of 115	43 of 160	244 of 2,205	8 of 26	410 of 2,506
Southeast	75 of 75	60 of 203	305 of 2,515	10 of 21	450 of 2,814
Midwest	81 of 81	41 of 163	267 of 2,730	13 of 26	402 of 3,000
Mountain/Plains	54 of 54	32 of 101	233 of 1,981	12 of 39	331 of 2,175
Western	80 of 80	53 of 166	228 of 1,670	5 of 19	366 of 1,944
TOTAL	446 of 446	255 of 884	1,405 of 12,417	52 of 139	2,158 of 13,886

first number = the sample; second number = the frame

PRETEST MUSEUMS AND PEOPLE PROVIDING QUESTIONNAIRE CRITIQUE

Pretest Museums

Hidden Oaks Nature Center, Annandale, VA
National Aquarium in Baltimore, MD
Grand Rapids Public Museum, MI
Science Museum of Virginia, Richmond VA
Ellicott City B&O RR Station Museum, MD
Fort Ward Museum, Alexandria VA
Baltimore Art Museum, MD
National Trust for Historic Preservation, DC
Dallas Zoo, TX

Telephone Responses or Conversations about the Questionnaire

Paul Conway, Society of American Archivists
Sharon Theobald, Small Museum Administrators Committee
Rebecca Danvers, Institute of Museum Services
Elaine Hoagland, Association of Systematics Collections
Marsha Semmel, National Endowment for the Humanities
Andrew Oliver, National Endowment for the Arts
Frank Sanchis, National Trust for Historic Preservation
Adden Martin, Exhibits USA, American Arts Alliance
David Lintz, Stecher Museum, Baylor Museum, TX
Gail Harrity, Guggenheim Museum, NY
George Sample, Arizona State Museum
Cheryl McClenney-Brooker, Philadelphia Museum of Art
Dick Midgely, Los Angeles County Museum
Phil Correl, Hagley Museum and Library, DE
Judy Balfe, Professor of Sociology, CUNY Staten Island

Written Comments and/or Forms with Comments

National Endowment for the Humanities
Association of Systematics Collections
Small Museum Administrators Committee of AAM
Winterthur Museum and Gardens, DE
Rockwell Museum, NY
Hearst Art Gallery of St Mary's College, CA
Maine Maritime Museum
Museum of History and Science, KY
Franklin Institute, PA
Arizona State Museum
Paisley Cato, Dept of Wildlife & Fisheries Sciences,
Texas A&M University
Mary Case, Office of Registrar, Smithsonian
Jim Blackaby, Museum Consultant
L. Swain, Collections Manager, Geology Department,
Denver Museum of Natural History

CRITICAL ITEMS

<u>Survey Section</u>	<u>Question #</u>
A	Identifying Information (museum name, address, etc.) Screening Questions (4) 1: Survey Sent to Parent Organization 2: Number of Sites
B	3: Operated by a Parent 5: Type of Governing Authority 6/7: Established or Founding Date 13: Type (IMS/current version) 14: Type (1979 version) 15: Cultural/Ethnic Focus
C	16: Total Area (interior and/or exterior) of Physical Facility 17: Major Renovation within Last 10 Years (space added) 22: Head Count of Paid Staff and Volunteers
D	26: Own Permanent Collection 27: Number of Objects, Lots, Archival Material, Etc. 28: Number of Objects per Category (history, art, living collections, etc.)
E	46: Weeks/Hours Open 47: Total Attendance Last Three Years 49: General Admission Fee, Fixed, Suggested 54: Number Exhibitions Produced Last Three Years 58: Total Number Individuals Served (same or greater number than #47) 59: Number of School Children Served
F	69: Whether Collections Are/Have Been Capitalized 71: Value of Endowment 73: Total Operating Income 74: Total Personnel Expenses, Total Operating Expenses 78: Type of Services (with dollar value) Provided by Parent Organization

PEOPLE CONDUCTING TELEPHONE FOLLOW-UP

Gail Harrity, Guggenheim Museum
Michael Spock, Field Museum
Ray Thompson, Arizona State Museum
Warren Iliff, Dallas Zoo
Jim Blackaby, Museum Consultant
Dennis Wint, St. Louis Science Center
Carol Nelson, Louisiana Association of Museums
Dan Monroe, Portland Art Museum
Cheryl McClenney-Brooker, Philadelphia Museum of Art
Dick Touvell, Natural Science for Youth Foundation
Katherine Kane, Colorado Historical Association
Bob Wagner, American Association of Zoological Parks and Aquariums
Linda Boyd, American Association of Zoological Parks and Aquariums
Susan Lathrop, American Association of Botanical Gardens and Arboreta
Anne Stone, Virginia Association of Museums
Charles Hummel, The Winterthur Museum and Gardens
Margaret Blagg, Texas Association of Museums
Constance Clement, Yale Center for British Art
Lucy Skjelstad, Horner Museum, Oregon
Martin Sullivan, New York State Museum
William Sudduth, Museum of History and Science, Louisville, Kentucky
Jane Jerry, The Children's Museum, Houston, Texas
Mary Case, The Smithsonian
Mary Alexander, National Museum of American History
Cheryl Collins, Riley County Historical Society, Manhattan, Kansas
Michael Dugger, Florida Association of Museums
Ruth Truett, Congress of Illinois Historical Societies and Museums
David Mauer, Congress of Illinois Historical Societies and Museums
Bonnie Van Vorn, Association of Science-Technology Centers
Nancy Gay, Museums Council of New Jersey
Laura Roberts, Boston National Historical Park
Robert Macdonald, Museum of the City of New York
Peter LaPaglia, American Association of State and Local History
Bonnie Pitman Gelles, Seattle Art Museum
Scott Miller, Nevada State Museum
Pat Florence, Mountain Plains Museum Association
Margo Dundon, Grout Museum of History and Science, Iowa
Ed Weldon, Georgia Department of History and Archives

TELEPHONE NONRESPONSE FOLLOW-UP STRATEGY

Size	Type	Strategy
Large	All	Personal calls by museum colleagues Follow-up calls by AAM project staff
Medium	All	Same strategy
Small	Aquarium	Follow-up by AAM project staff and museum colleagues
	Arboretum	Follow-up effort in selected states only by museum colleagues
	Art	Follow-up mostly by Prospect Associates Data collected by phone
	Children's	Follow-up mostly by Prospect Associates Data collected by phone
	General	Follow-up mostly Prospect Associates Data collected by phone
	History	Follow-up Prospect Associates Data collected by phone
	Natural History	No follow-up needed
	Nature Center	Follow-up Prospect Associates Data collected by phone
	Planetarium	Follow-up by AAM project staff
	Science	Follow-up Prospect Associates Data collected by phone
	Specialized	Follow-up Prospect Associates Data collected by phone
Zoo	Follow-up by AAM project staff and museum colleagues	

SAMPLE DISPOSITION

<u>Response</u>	<u>Number (in Sample)</u>	
Complete		1,077
Ineligible		638
Did Not Meet 1 of 4 Criteria	451	
Closed	43	
Not Open by End of 1988	38	
Duplicate	106	

Total Number Museums Returning Accurately Filled-out Questionnaires		1,715
		79.2%
Eligible (returned questionnaire; not complete)		26
Replaced	7	
Refused	17	
Incomplete	2	

Total Number Museums Responding		1,741
		80.3%
Did Not Respond; Known to Be Eligible		359
Large (all)	55	
Medium (all)	58	
Small (most)	246	

Total Number Museums Whose Eligibility Was Known		2,100
		96.9%
Unreachable (all small)		67
Undeliverable and Unreachable	22	
Deliverable; Never Reached	45	

TOTAL SAMPLE		2,167
		100%

RESPONSE RATES BY TYPE (AS SAMPLED)

<u>Type</u>	<u>Response</u>	<u>Rate</u>
Aquarium	14 of 21	66.7%
Arboretum/Botanical Garden	52 of 141	36.9%
Art	222 of 276	80.4%
Children's	40 of 53	75.5%
General	86 of 119	72.3%
History Site/Museum	286 of 382	74.9%
Natural History	102 of 120	85.0%
Nature Center	78 of 105	74.3%
Planetarium	33 of 51	64.7%
Science	43 of 62	69.4%
Specialized	58 of 99	58.6%
Zoo	63 of 100	63.0%
	-----	-----
Total	1,077 of 1,529	70.4%

Response Rate = $\frac{\text{Completes}}{\text{Sample} - [\text{Ineligible} + \text{Closed} + \text{Duplicate} + \text{Not Open Yet}]}$

RESPONSE RATES BY SIZE AND BY REGION (AS SAMPLED)

	<u>Response</u>	<u>Rate</u>
<u>Size</u>		
Large	346 of 409	84.6%
Medium	152 of 212	71.7%
Small	579 of 908	63.8%
	-----	-----
Total	1,077 of 1,529	70.4%

<u>Region</u>		
New England	86 of 137	62.8%
Mid Atlantic	227 of 311	73.0%
Southeast	219 of 316	69.3%
Midwest	200 of 275	72.7%
Mountain/Plains	163 of 220	74.1%
Western	182 of 270	67.4%
	-----	-----
Total	1,077 of 1,529	70.4%

Response Rate =
$$\frac{\text{Completes}}{\text{Sample} - [\text{Ineligible} + \text{Closed} + \text{Duplicate} + \text{Not Open Yet}]}$$

WEIGHTS BY SIZE AND TYPE

<u>Type as Sampled</u>	<u>Size</u>	<u>Weight</u>
1 Zoo	L	1.24
	M	1.79
	S	3.34
2 Arboretum/ Botanical Garden	L	1.18
	M	5.63
	S	14.31
3 Art	L	1.17
	M	10.49
	S	9.37
4 Children's	L	1.25
	M	1.54
	S	2.02
5 General	L	1.08
	M	4.25
	S	4.02
6 History	L	1.20
	M	8.68
	S	27.38
7 Natural History	L	1.09
	M	2.59
	S	2.53
8 Nature Center	L	1.29
	M	5.40
	S	6.90
9 Science	L	1.40
	M	2.94
	S	2.06
10 Specialized	L	1.33
	M	5.00
	S	4.83
11 Aquarium	L	1.33
	M	1.00
	S	2.00
12 Planetarium	L	1.17
	M	1.87
	S	2.34

SECTION II

ANALYSIS OF INELIGIBLE MUSEUMS

SECTION II: ANALYSIS OF INELIGIBLE MUSEUMS

One purpose of the 1989 museum survey was to estimate the number of museums in the United States. The frame (13,886 museums) from which the sample was drawn was thought to contain about 25 percent ineligible, closed, or not-open museums. In addition, 3-5 percent duplicates were expected. In fact, the number turned out to be 29 percent or 638 institutions. These institutions responded that they did not meet one of the four criteria or wrote back that they were "not a museum." The four criteria plus two other reasons for *not being* an eligible museum are summarized as follows:

- for profit or not existing on a permanent basis for aesthetic or educational purposes
- does not care for and own or use objects
- lacks one professional full-time equivalent staff member, paid or unpaid
- is not open to the public for part of at least 120 days per year
- the institution is a parent organization that is not a museum (in which case the organization's subsidiary museum(s) were sent a questionnaire, unless they had also been included as separate institutions in the universe)
- "not a museum" or specific reason not given. (Follow-up calls were made to a sample of six of these institutions, all of which were ineligible because they did not meet the second criteria: care for and own or use objects.)

There were three other possible reasons why an institution in the sample might not be an eligible museum. The possibilities were: (1) the museum had closed permanently by its fiscal year 1988; (2) it was not open to the public by the end of its fiscal year 1988; or (3) it was a duplicate entry. Exhibit 14 (Sample Disposition) gives the numerical totals for these responses.

The total number of ineligible institutions is estimated to be 4,743 institutions. Exhibit 18 gives the distribution by type and by size of museum for the sample and the universe. After the museum universe was estimated (8,179 museums), the remaining number of museums in the frame equaled 5,707. The 106 duplicates were subtracted from this number. They were not weighted because of the extensive work done during the survey period to identify duplicates. This left 5,601 to be distributed to ineligibles, closed, and not-yet-open categories. The weighting procedure used on the ineligibles is similar to that applied to the eligible respondents, but was adjusted to reflect that all nonresponding large and most medium sized nonrespondents were known to be eligible museums. Of the total estimate of ineligible institutions, the small history institutions account for two thirds--3,159 of 4,743. These are mostly small historical societies who do care for objects or a building or site but are open infrequently and/or have no professional staff, paid or unpaid. Those that did not have staff and/or were not open enough days accounted for 1,970 institutions, 62 percent of the "small history" category and over 40 percent of the total ineligible population.

Exhibit 19 gives the distribution by reason. Figure 1 below shows a pie chart of the distribution of the estimated number of ineligible museums. The largest percentage are institutions that lack the professional staff member or those institutions who are not museums because they do not care for objects or they responded "not a museum."

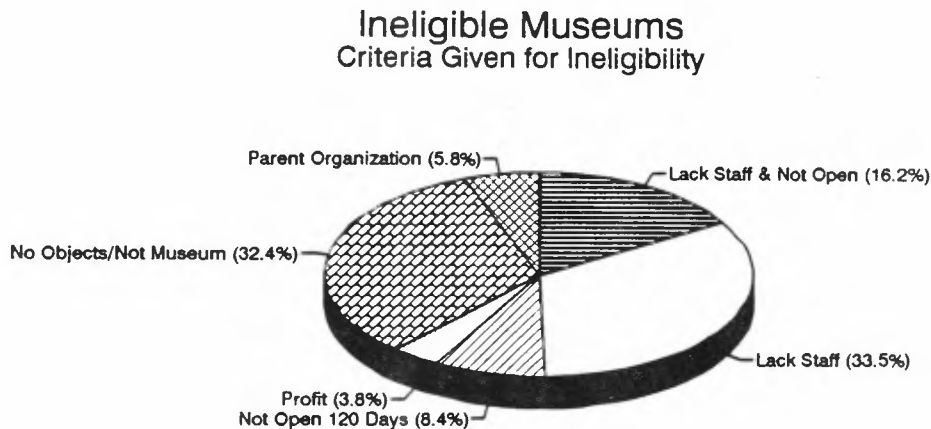


Figure 1

Figure 2 shows the ineligible institutions divided into three types: (1) museums too small to meet the criteria of the survey's definition, (2) for-profit museums, and (3) institutions that are not museums because they are parent organizations or they responded either that they are "not a museum" or do not care for objects. The third group represents 1,591 institutions that would not be considered museums in most other definitions of museums. The for-profit museums do have collections and perform some or all of the functions that nonprofit and public (government run) museums do. Because for-profit museums were excluded, lists of these museums were not sought in the development of the survey frame (the universe). Therefore, the number that is estimated from our frame (180) understates the true number.

The first group, the "too small" museums, represent the group of institutions that might grow to become part of the museum community. The number of museums in this group is 2,820. Only 19 of these are represented by sampled medium museums. The rest were small museums. (Because an ineligible museum filled out only part of page one of the questionnaire, the size of a particular museum is based on its assignment in the sample, not how it responded.)

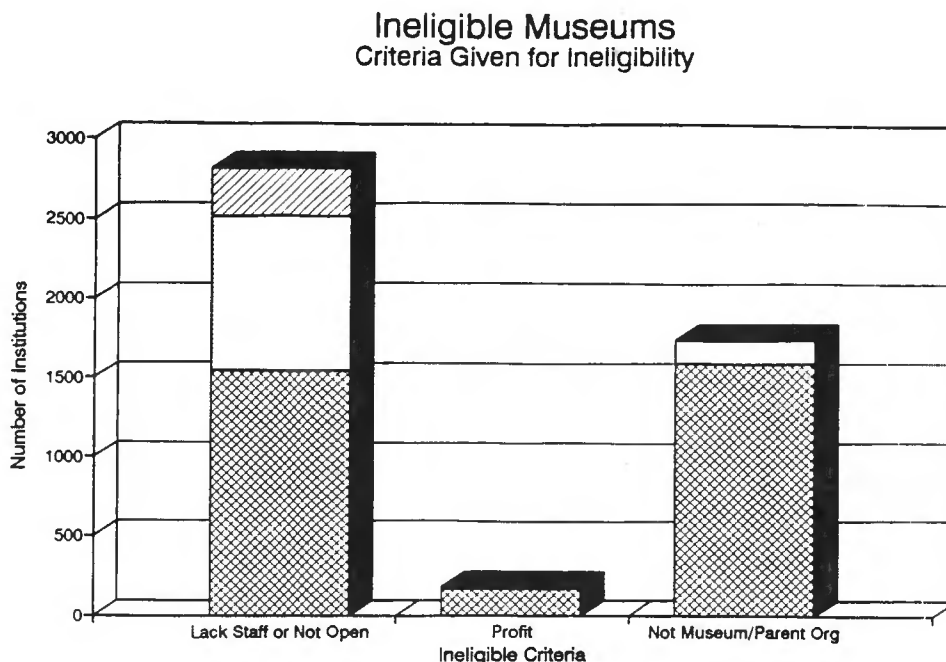


Figure 2

From top to bottom, the first group are made up of "not open 120 days," "lack professional staff *and* not open 120 days," and "lack professional staff." See Exhibit 19 for counts in each group.

INELIGIBLE MUSEUMS BY TYPE AND SIZE

TYPE	In Sample	Estimate of Universe*
Aquarium	2	8
Arboretum/Botanical Garden	19	247
Art Museum	54	467
Children's Museum	6	11
General Museum	35	123
Historic House/Site/Museum	174	3,186
Natural History/Anthropology Museum	30	74
Nature Center	72	417
Planetarium	11	23
Science Museum/ Science Technology Center	15	30
Zoological Park	2	7
Specialized Museum	31	150
	----	-----
Total	451	4,743
 SIZE		
Large	23	23
Medium	18	89
Small	410	4,631
	----	-----
Total	451	4,743

* See text for weighting procedure, base weights used, no nonresponse adjustment; estimate does not take into account possible changes in size and type in the same method as eligible museums because ineligible museums did not report their actual size or type.

INELIGIBLE MUSEUMS BY REASON OF INELIGIBILITY

	<u>In Sample</u>	<u>In Universe</u>
Parent Organization	26	148
Not Care for Objects	88	889
Reason Unknown	58	706
	----	-----
Subtotal (Not "Museum")	172	1,743
For Profit	17	180
Not Open 120 Days	38	304
Lack Professional Staff	151	1,543
Lack Professional Staff & Not Open 120 Days	73	973
	----	-----
Subtotal (Too "Small")	262	2,820
Total	451	4,743

SECTION III

DATA TABLES AND GRAPHS

SECTION III: DATA TABLES AND GRAPHS

The data from the survey are presented by question number as it appeared on the survey instrument with the exception that the number of museums by type, size and region precedes the other data items. Following this page, there are a list of tables and a list of figures.

To understand fully what the data mean, each question should be examined as the tables are read. The questionnaire is in Appendix A.

All calculations are weighted estimates from the sample; they are not census counts. When the data were weighted (enlarged from the sample to the universe), the results were in fractional numbers of museums. The weighted total estimate was calculated to be 8179.14 museums consisting of 595.29 "Large", 992.43 "Medium" and 6591.42 "Small" museums. The fractional amounts have been rounded off in these summary tables after the column and row totals have been calculated. As a result column and row totals sometimes will not add up. The totals, however, are those results of the weighting procedure and are correct. The two exceptions are tables A:A and A:B-A where the cells were rounded first and then the row and column totals were calculated.

The number of museums that did not respond to a particular question is shown either at the bottom of a table, in a column, or as a separate table. Since the weighted equivalent of 12 museums did not answer the governing authority question, the totals for responses by governing authority do not add up to the totals for responses by type or by size.

For a few numerical data items (e.g., attendance, total income, total expenses) where nonresponse was minimal, the missing values have been filled (imputed) by using the median value of the size and type of the missing museum.

List of Tables

The tables are numbered to correspond to the questionnaire section letter (A through F) and question number (A through 78), then alphabetically starting with A.

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Table A:A

U.S. Museums by Type and Size

Type of Museum	Size of Museum							
	Large		Medium		Small		Totals	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Aquarium	5	0.9%	4	0.4%	11	0.2%	20	0.2%
Arboretum	23	3.9%	84	8.5%	211	3.2%	318	3.9%
Art	183	30.7%	215	21.7%	816	12.4%	1,214	14.8%
Children	7	1.2%	21	2.1%	36	0.5%	64	0.8%
General	80	13.4%	124	12.5%	500	7.6%	704	8.6%
Historic Site	63	10.6%	159	16.0%	1,861	28.2%	2,083	25.5%
History Museum	57	9.7%	154	15.5%	2,190	33.2%	2,401	29.4%
Natural History	52	8.7%	63	6.3%	137	2.1%	252	3.1%
Nature Center	2	0.4%	65	6.6%	230	3.5%	297	3.6%
Planetarium	1	0.2%	12	1.2%	26	0.4%	39	0.5%
Science Museum	17	2.8%	24	2.4%	143	2.2%	184	2.2%
Specialized	67	11.2%	28	2.9%	375	5.7%	470	5.7%
Zoo	38	6.4%	40	4.0%	55	0.8%	133	1.6%
Totals by Size	595	100.0%	993	100.0%	6,591	100.0%	8,179	100.0%

Type of Museum	Size of Museum							
	Large		Medium		Small		Totals	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Aquarium	5	26.0%	4	19.7%	11	54.2%	20	100.0%
Arboretum	23	7.3%	84	26.5%	211	66.2%	318	100.0%
Art	183	15.1%	215	17.7%	816	67.2%	1,214	100.0%
Children	7	11.3%	21	32.2%	36	56.6%	64	100.0%
General	80	11.3%	124	17.7%	500	71.0%	704	100.0%
Historic Site	63	3.0%	159	7.6%	1,861	89.3%	2,083	100.0%
History Museum	57	2.4%	154	6.4%	2,190	91.2%	2,401	100.0%
Natural History	52	20.6%	63	24.9%	137	54.5%	252	100.0%
Nature Center	2	0.8%	65	21.9%	230	77.3%	297	100.0%
Planetarium	1	3.0%	12	29.9%	26	67.0%	39	100.0%
Science Museum	17	9.1%	24	12.8%	143	78.1%	184	100.0%
Specialized	67	14.2%	28	6.1%	375	79.8%	470	100.0%
Zoo	38	28.4%	40	30.1%	55	41.5%	133	100.0%
Totals by Size	595	7.3%	993	12.1%	6,591	80.6%	8,179	100.0%

Number/percent missing: 0 / 0.0%

Table A:B-A

Number of Museums by Type & Region and by Size & Region

Type	New England	Mid- Atlantic	South East	Mid- West	Mount/ Plains	West	Totals	Percent
Aquarium	3	2	6	1	3	4	20	0.2%
Arbor/Bot Garden	6	74	76	113	15	34	318	3.9%
Art	123	279	214	180	160	258	1,214	14.8%
Children's	9	12	15	11	5	12	64	0.8%
General	62	120	53	217	177	75	704	8.6%
Historic Site	156	426	611	263	375	252	2,083	25.5%
History Museum	149	305	440	575	484	449	2,401	29.3%
Natural History	20	47	43	37	34	71	252	3.1%
Nature Center	27	56	80	81	32	22	297	3.6%
Planetarium	3	2	16	12	0	6	39	0.5%
Science	6	41	56	49	20	12	184	2.2%
Speclalized	4	143	154	63	38	68	470	5.7%
Zoo	1	24	24	35	34	16	133	1.6%
Region Totals	569	1,530	1,787	1,637	1,377	1,279	8,179	100.0%
Percent	0	0	21.8%	20.0%	16.8%	15.7%	100.0%	
Size								
Large	55	174	89	113	82	82	595	7.3%
Medium	89	164	242	191	67	240	993	12.1%
Small	425	1,192	1,456	1,333	1,228	957	6,591	80.6%
Region Totals	569	1,530	1,787	1,637	1,377	1,279	8,178	100.0%

Number/percent missing: 0 / 0.0%

Table A:B-B

Percent of Museums by Type & Region

Type	New England	Mid-Atlantic	South East	Mid-West	Mount/Plains	West	Total
Aquarium	16.4%	11.3%	29.6%	6.6%	14.8%	21.4%	100.0%
Arbor/Bot Garden	1.8%	23.1%	23.9%	35.6%	4.8%	10.8%	100.0%
Art	10.1%	23.0%	17.6%	14.8%	13.2%	21.2%	100.0%
Children's	13.8%	19.2%	24.0%	16.6%	7.2%	19.3%	100.0%
General	8.8%	17.0%	7.5%	30.8%	25.1%	10.7%	100.0%
Historic Site	7.5%	20.4%	29.3%	12.6%	18.0%	12.1%	100.0%
History Museum	6.2%	12.7%	18.3%	23.9%	20.2%	18.7%	100.0%
Natural History	7.9%	18.6%	17.2%	14.8%	13.4%	28.1%	100.0%
Nature Center	9.2%	18.9%	26.8%	27.2%	10.8%	7.3%	100.2%
Planetarium	6.8%	5.5%	41.0%	31.8%	0.0%	14.9%	100.0%
Science	3.2%	22.3%	30.4%	26.7%	10.9%	6.5%	100.0%
Specialized	0.8%	30.5%	32.7%	13.4%	8.2%	14.4%	100.0%
Zoo	1.0%	18.3%	17.7%	26.1%	25.2%	11.8%	100.0%

Type	New England	Mid-Atlantic	South East	Mid-West	Mount/Plains	West
Aquarium	0.6%	0.1%	0.3%	0.1%	0.2%	0.3%
Arbor/Bot Garden	1.0%	4.8%	4.3%	6.9%	1.1%	2.7%
Art	21.7%	18.2%	12.0%	11.0%	11.6%	20.2%
Children's	1.5%	0.8%	0.9%	0.6%	0.3%	1.0%
General	10.9%	7.8%	3.0%	13.2%	12.8%	5.9%
Historic Site	27.4%	27.8%	34.2%	16.1%	27.3%	19.7%
History Museum	26.1%	19.9%	24.6%	35.1%	35.1%	35.1%
Natural History	3.5%	3.1%	2.4%	2.3%	2.4%	5.5%
Nature Center	4.8%	3.7%	4.5%	4.9%	2.3%	1.7%
Planetarium	0.5%	0.1%	0.9%	0.7%	0.0%	0.4%
Science	1.0%	2.7%	3.1%	3.0%	1.5%	0.9%
Specialized	0.7%	9.3%	8.6%	3.9%	2.8%	5.3%
Zoo	0.2%	1.6%	1.3%	2.1%	2.4%	1.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Number/percent missing: 0 / 0.0%

Table A:B-C

Percent of Museums by Size & Region

Size	New England	Mid-Atlantic	South East	Mid-West	Mount/Plains	West	Total
Large	9.3%	29.3%	15.0%	19.0%	13.8%	13.7%	100.1%
Medium	9.0%	16.6%	24.3%	19.3%	6.7%	24.2%	100.0%
Small	6.4%	18.1%	22.1%	20.2%	18.6%	14.5%	100.0%

Size	New England	Mid-Atlantic	South East	Mid-West	Mount/Plains	West
Large	9.7%	11.4%	5.0%	6.9%	5.9%	6.4%
Medium	15.6%	10.7%	13.5%	11.7%	4.8%	18.8%
Small	74.7%	77.9%	81.5%	81.4%	89.2%	74.9%
	-----	-----	-----	-----	-----	-----
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Number/percent missing: 0 / 0.0%

Table A:2-A

Number of Museums and Sites by Region

Region	Number of Museums		Number of Sites *	
	Number	Percent	Number	Percent
New England	569	7.0%	1,042	6.7%
Mid-Atlantic	1,530	18.7%	2,414	15.5%
Southeast	1,787	21.9%	3,519	22.5%
Midwest	1,637	20.0%	3,079	19.7%
Mountain/Plains	1,377	16.8%	3,524	22.6%
West	1,279	15.6%	2,045	13.1%
Totals: By Region	8,179	100.0%	15,623	100.0%

* Sites includes main site in this table

Average number of sites = 1.9

Maximum number of sites = 95

Next three largest number of sites are 55, 45, and 32

Number of museums with single site only = 4,992 (no additional sites

Number/percent missing: 0 / 0.0%

Table A:2-B
Number of Museums and Sites by Type

Region	Number of Museums		Number of Sites *	
	Number	Percent	Number	Percent
Aquarium	20	0.2%	32	0.2%
Arbor/Bot Gard	318	3.9%	545	3.5%
Art	1,214	14.8%	1,693	10.8%
Children's	64	0.8%	90	0.6%
General	704	8.6%	1,254	8.0%
Historic Site	2,083	25.5%	6,788	24.2%
History Museum	2,401	29.4%	5,366	34.3%
Natural History	252	3.1%	473	3.0%
Nature Center	297	3.6%	1,222	7.8%
Planetarium	39	0.5%	50	0.3%
Science	184	2.2%	245	1.6%
Specialized	470	5.7%	702	4.5%
Zoo	133	1.6%	163	1.0%
Totals: By Types	8,179	100.0%	15,623	100.0%

* Sites includes main site in this table
See notes on Table A:2-A

Number/percent missing: 0 / 0.0%

Table B:3-A

Museums with Parent Organizations

Museum Type	Number with Parent Organization	Percent of Type (Size) with Parent Org	Percent of Parents That Are Also Museums
Aquarium	18	87.1%	0.0%
Arbor/Bot Gard	221	74.3%	0.0%
Art	601	49.6%	2.9%
Children's	15	23.4%	0.0%
General	494	71.1%	8.3%
Historic Site	1,760	87.2%	5.4%
History Museum	1,613	68.2%	11.6%
Natural History	206	82.7%	7.0%
Nature Center	215	73.8%	2.9%
Planetarium	32	93.1%	0.0%
Science	121	65.8%	3.6%
Specialized	217	46.2%	1.7%
Zoo	110	83.2%	7.9%

Total	5,622	70.0%	6.7%
Size			

Large	303	51.9%	12.7%
Medium	653	65.8%	1.9%
Small	4,666	72.3%	6.8%

Total	5,622	70.0%	6.7%

Number/percent missing: 147 / 1.8%

Table B:3-B

Percent of Museums with Parent Organization by Type and
by Public or Private Governing Authority

Museum Type	Public Museums	Private Museums	All Museums
Aquarium	77.8%	22.2%	100.0%
Arbor/Bot Gard	80.1%	19.9%	100.0%
Art	57.0%	43.0%	100.0%
Children's	46.7%	53.3%	100.0%
General	39.3%	60.7%	100.0%
Historic Site	61.8%	38.2%	100.0%
History Museum	42.2%	57.8%	100.0%
Natural History	69.9%	30.1%	100.0%
Nature Center	77.7%	22.3%	100.0%
Planetarium	93.8%	6.3%	100.0%
Science	49.6%	50.4%	100.0%
Specialized	48.4%	51.6%	100.0%
Zoo	69.1%	30.9%	100.0%
Total	54.9%	45.1%	100.0%
Aquarium	0.5%	0.2%	0.3%
Arbor/Bot Gard	5.7%	1.7%	3.9%
Art	11.1%	10.2%	10.7%
Children's	0.2%	0.3%	0.3%
General	6.3%	11.8%	8.8%
Historic Site	35.3%	26.5%	31.3%
History Museum	22.1%	36.7%	28.7%
Natural History	4.7%	2.4%	3.7%
Nature Center	5.4%	1.9%	3.8%
Planetarium	1.0%	0.1%	0.6%
Science	1.9%	2.4%	2.2%
Specialized	3.4%	4.4%	3.9%
Zoo	2.5%	1.3%	2.0%
Total	100.0%	100.0%	100.0%

Number/percent missing: 153 / 1.9%

Table B:3-C

Number of Museums with Parent Organization by Type and by Governing Authority

Museum Type	Aquarium	Arboretum	Art	Children's	General	Historic Site	Historic Museum	Natural History	Nature Center	Planetarium	Science	Specialized	Zoo	Total
Municipal	2	69	52	5	39	165	79	9	34	2	2	32	49	539
County/Regional	0	13	11	0	106	88	269	8	56	2	3	19	23	597
State	9	0	2	0	13	655	74	31	46	4	8	7	3	853
Federal	2	1	38	0	9	158	226	41	18	0	19	3	1	515
Public Educational Institutions	1	94	240	2	27	23	33	55	13	22	28	44	0	581
Subtotal All Public Museums	14	177	342	7	194	1,088	681	144	167	30	60	105	76	3,085
Private Nonprofit	4	28	149	8	289	668	931	27	42	2	54	59	26	2,286
Other Private	0	16	109	0	11	4	1	35	6	0	8	53	8	251
Subtotal All Private Museums	4	44	258	8	300	672	932	62	48	2	61	112	34	2,537
All Museums with Parent	18	221	601	15	494	1,760	1,613	206	215	32	121	217	110	5,622

Number/percent missing: 153 / 1.9%

Table B:3 - D

Percent of Museums (by Type and by Governing Authority) That Have Parent Organizations

Museum Type	Aquarium	Arboretum	Art	Children's	General	Historic Site	Historic Museum	Natural History	Nature Center	Planetarium	Science	Specialized	Zoo	All Museums
Municipal	100.0%	99.6%	91.7%	100.0%	86.5%	100.0%	74.4%	67.8%	84.1%	64.3%	100.0%	86.9%	84.5%	89.4%
County/Regional	#NUMI	100.0%	90.0%	#NUMI	78.4%	100.0%	89.5%	100.0%	90.1%	100.0%	64.7%	100.0%	87.0%	89.1%
State	100.0%	#NUMI	6.5%	#NUMI	92.4%	100.0%	83.6%	84.1%	100.0%	48.3%	100.0%	100.0%	66.8%	93.4%
Federal	100.0%	100.0%	100.0%	#NUMI	100.0%	98.5%	80.4%	100.0%	100.0%	#NUMI	100.0%	8.5%	100.0%	85.9%
Public Educational Institutions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	89.4%	100.0%	69.0%	100.0%	94.4%	100.0%	#NUMI	98.1%
All Public Museums	100.0%	99.8%	89.7%	100.0%	84.3%	99.8%	83.7%	93.5%	90.2%	84.2%	95.1%	76.6%	84.7%	91.3%
Private Nonprofit	58.3%	23.7%	21.1%	14.6%	62.7%	67.5%	59.0%	46.6%	39.4%	63.7%	47.4%	22.6%	72.7%	50.9%
Other Private	#NUMI	73.6%	86.9%	#NUMI	100.0%	100.0%	100.0%	90.7%	100.0%	#NUMI	100.0%	73.5%	100.0%	84.9%
All Private Museums	58.3%	31.3%	31.0%	14.6%	63.5%	67.6%	59.1%	64.3%	42.8%	63.7%	50.7%	33.6%	77.6%	53.0%
All Museums	87.1%	69.6%	49.5%	23.4%	70.3%	84.4%	67.4%	82.3%	72.2%	82.5%	65.8%	46.2%	82.4%	68.8%

Number/percent missing: 153 / 1.9%

* Read this table as follows: "Of all municipal aquariums, 100% have parent organizations" or "Of all private nonprofit art museums, 21.1% have parent organizations"

NUMI occurs when dividing by zero (e.g., there are no federal children's museums)

Table B:5-A

Number of Museums by Governing Authority in 1979 and 1988
as Defined in 1979

Governing Authority	1979		1988	
	Number	Percent	Number	Percent
Municipal	419	9.5%	603	7.4%
County/Regional	215	4.9%	670	8.2%
State	488	11.1%	914	11.2%
Federal	344	7.8%	599	7.3%
Pub School Dist	41	0.9%	52	0.6%
Pub College/Univ	281	6.4%	540	6.6%
Subtotal All Public Museums	1,788	40.6%	3,378	41.4%
Private Nonprofit	2,354	53.4%	4,493	55.0%
Priv College/Univ	151	3.4%	141	1.7%
Priv Elem/Sec School	3	0.1%	2	0.0%
Church	23	0.5%	57	0.7%
Other	89	2.0%	96	1.2%
Subtotal All Private Museums	2,620	59.4%	4,789	58.6%
Total All Museums	4,408	100.0%	8,167	100.0%

Number/percent missing: 12 / 0.15%

Table B:5-B

Number of Museums by Region and Governing Authority

Type	New England	Mid-Atlantic	South East	Mid-West	Mount/Plains	West	Totals
Municipal	35	63	96	142	123	145	604
County/Regional	0	90	133	175	173	98	669
State	36	126	342	81	117	212	914
Federal	58	127	173	29	101	111	599
Pub Educ Institutions	16	38	200	176	88	75	593
Subtotal All Public Museums	145	444	944	603	602	641	3,379
Private Nonprofit	383	1,011	775	984	743	597	4,493
Other Private	41	66	67	49	33	41	297
Subtotal All Private Museums	424	1,077	842	1,033	776	638	4,790
Total All Museums	569	1,521	1,786	1,636	1,378	1,279	8,169
Percent	7.0%	18.6%	21.9%	20.0%	16.9%	15.7%	100.0%

Number/percent missing: 12 / 0.0015%

Table B:5-C
Governing Authority by Type and Size

Museum Type	Public Museums		Private Museums		All Museums	
	Number	Percent	Number	Percent	Number	Percent
Aquarium	14	70.0%	6	30.0%	20	100.0%
Arbor/Bot Gard	177	55.7%	141	44.3%	318	100.0%
Art	381	31.4%	833	68.6%	1,214	100.0%
Children's	7	11.0%	57	89.0%	64	100.0%
General	231	32.9%	472	67.1%	703	100.0%
Historic Site	1,091	52.4%	993	47.6%	2,084	100.0%
History Museum	813	34.0%	1,578	66.0%	2,391	100.0%
Natural History	154	61.6%	96	38.4%	250	100.0%
Nature Center	185	62.1%	113	37.9%	298	100.0%
Planetarium	35	91.2%	3	8.8%	39	100.0%
Science	63	34.2%	121	65.8%	184	100.0%
Specialized	137	29.2%	333	70.8%	470	100.0%
Zoo	90	67.3%	44	32.7%	133	100.0%
Total	3,378	41.4%	4,789	58.6%	8,167	100.0%
Museum Size						
Large	223	37.7%	370	62.3%	593	100.0%
Medium	480	48.3%	513	51.7%	992	100.0%
Small	2,675	40.6%	3,907	59.4%	6,582	100.0%
Total	3,378	41.4%	4,789	58.6%	8,167	100.0%

Number/percent missing: 12 / 0.15%

Table B:6-A

Number of Museums by Decade Established

Decade Established	Number of Museums	Percent of Museums
-----	-----	-----
1780 - 1789	3	0.03%
1790 - 1899	5	0.06%
1800 - 1809	2	0.03%
1810 - 1819	1	0.01%
1820 - 1829	2	0.03%
1830 - 1839	5	0.06%
1840 - 1849	14	0.17%
1850 - 1859	25	0.31%
1860 - 1869	22	0.27%
1870 - 1879	64	0.79%
1880 - 1889	53	0.65%
1890 - 1899	169	2.06%
1900 - 1909	215	2.63%
1910 - 1919	170	2.07%
1920 - 1929	342	4.18%
1930 - 1939	489	5.98%
1940 - 1949	436	5.34%
1950 - 1959	856	10.47%
1960 - 1969	2,023	24.73%
1970 - 1979	2,390	29.22%
1980 - 1989	889	10.87%
1990	5	0.06%
-----	-----	-----
Total	8,179	100.00%

Number/percent missing: 0 / 0.0%

38 museums did not give a date for year established;
for these museums year opened was used.

Table B:6-B

Distribution of Age of Museums by Type

Type	Decade Established							Pre 1940	Total
	1980's	2nd half 1970's	1st half 1970's	2nd half 1960's	1st half 1960's	1950's	1940's		
	1-10	11-15	16-20	21-25	26-30	31-40	41-50		
Aquarium	0.0%	57.3%	0.0%	0.0%	0.0%	11.5%	0.0%	31.2%	100.0%
Arbor/Bot Gard	1.9%	9.1%	17.2%	24.8%	0.0%	11.9%	9.1%	26.1%	100.0%
Art	13.0%	18.8%	18.5%	13.2%	5.1%	5.5%	7.2%	18.6%	100.0%
Children's	35.6%	32.6%	8.8%	0.0%	3.4%	5.7%	2.3%	11.5%	100.0%
General	9.4%	9.3%	9.1%	15.2%	8.9%	13.5%	9.0%	25.5%	100.0%
Historic Site	10.5%	10.8%	10.8%	16.3%	11.4%	14.0%	5.3%	21.0%	100.0%
History Museum	9.2%	14.8%	16.9%	15.5%	12.2%	11.2%	4.4%	15.8%	100.0%
Natural History	9.4%	6.3%	14.6%	16.2%	8.1%	9.4%	4.5%	31.6%	100.0%
Nature Center	11.3%	17.2%	28.5%	12.6%	8.7%	12.0%	2.1%	7.5%	100.0%
Planetarium	18.1%	13.7%	6.0%	21.3%	23.9%	3.0%	0.0%	13.8%	100.0%
Science	10.4%	24.4%	22.8%	5.9%	11.1%	4.5%	6.0%	14.9%	100.0%
Specialized	25.0%	27.8%	12.2%	7.7%	13.3%	2.1%	0.5%	11.5%	100.0%
Zoo	1.4%	0.0%	3.6%	11.9%	14.3%	9.6%	5.0%	54.3%	100.0%
All Museums	10.9%	14.5%	14.8%	14.8%	9.9%	10.5%	5.3%	19.3%	100.0%

Number/percent missing: 0 / 0.0%

38 museums did not give a date for year established; year opened was used for these

Table B:6-C

Number of Museums by Region and Date of Establishment

Years	New England	Mid-Atlantic	South East	Mid-West	Mount/Plains	West	Totals	Percent
pre 1900	69	157	36	98	25	16	402	4.9%
1900-1909	29	36	39	91	10	10	215	2.6%
1910-1919	19	45	8	27	62	7	168	2.1%
1920-1929	3	86	86	73	65	28	341	4.2%
1930-1939	17	110	79	171	74	37	489	6.0%
1940-1949	66	131	57	91	39	51	435	5.3%
1950-1954	11	75	47	136	19	49	337	4.1%
1955-1959	61	92	155	44	85	76	514	6.3%
1960-1964	35	108	237	158	127	147	811	9.9%
1965-1969	56	161	292	224	221	255	1,209	14.8%
1970-1974	120	173	148	215	300	231	1,187	14.5%
1975-1979	62	176	324	179	240	196	1,177	14.4%
1980-1984	12	145	194	73	62	151	637	7.8%
1985-1989	9	37	85	57	46	23	257	3.1%
Region Totals	568	1,532	1,786	1,638	1,375	1,279	8,179	100.0%
Percent	6.9%	18.7%	21.8%	20.0%	16.8%	15.7%	100.1%	

Number/percent missing: 0 / 0.0%

Table B:6-D

Percent of Museums by Region and Year of Establishment

Type	New England	Mid-Atlantic	South East	Mid-West	Mount/Plains	West	Total
pre 1900	17.2%	39.2%	9.0%	24.5%	6.1%	4.0%	100.0%
1900-1909	13.3%	16.6%	18.2%	42.5%	4.6%	4.8%	100.0%
1910-1919	11.4%	26.7%	4.8%	16.0%	36.9%	4.2%	100.0%
1920-1929	0.7%	25.2%	25.1%	21.5%	19.1%	8.3%	100.0%
1930-1939	3.6%	22.5%	16.2%	35.0%	15.2%	7.5%	100.0%
1940-1949	15.1%	30.1%	13.0%	20.9%	9.1%	11.8%	100.0%
1950-1954	3.3%	22.4%	13.8%	40.3%	5.6%	14.7%	100.0%
1955-1959	11.9%	18.0%	30.1%	8.5%	16.6%	14.8%	100.0%
1960-1964	4.3%	13.3%	29.2%	19.4%	15.6%	18.2%	100.0%
1965-1969	4.6%	13.3%	24.1%	18.5%	18.3%	21.1%	100.0%
1970-1974	10.1%	14.6%	12.4%	18.1%	25.3%	19.5%	100.0%
1975-1979	5.3%	14.9%	27.5%	15.2%	20.4%	16.7%	100.0%
1980-1984	1.9%	22.7%	30.5%	11.5%	9.7%	23.6%	100.0%
1985-1989	3.3%	14.4%	33.1%	22.2%	17.8%	9.1%	100.0%

Type	New England	Mid-Atlantic	South East	Mid-West	Mount/Plains	West	
pre 1900	12.1%	10.3%	2.0%	6.0%	1.8%	1.2%	
1900-1909	5.1%	2.3%	2.2%	5.6%	0.7%	0.8%	
1910-1919	3.4%	2.9%	0.5%	1.6%	4.5%	0.6%	
1920-1929	0.4%	5.6%	4.8%	4.5%	4.7%	2.2%	
1930-1939	3.1%	7.2%	4.4%	10.5%	5.4%	2.9%	
1940-1949	11.5%	8.6%	3.2%	5.6%	2.9%	4.0%	
1950-1954	1.9%	4.9%	2.6%	8.3%	1.4%	3.9%	
1955-1959	10.8%	6.0%	8.7%	2.7%	6.2%	6.0%	
1960-1964	6.1%	7.0%	13.3%	9.6%	9.2%	11.5%	
1965-1969	9.9%	10.5%	16.3%	13.7%	16.1%	19.9%	
1970-1974	21.1%	11.3%	8.3%	13.2%	21.8%	18.1%	
1975-1979	11.0%	11.5%	18.1%	10.9%	17.5%	15.3%	
1980-1984	2.1%	9.5%	10.9%	4.5%	4.5%	11.8%	
1985-1989	1.5%	2.4%	4.8%	3.5%	3.3%	1.8%	

Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

Number/percent missing: 0 / 0.0%

Table B:8/9/10

Control and Ownership of Facilities and Collections; Friends Organizations

Question Number and Content	<-----Number		Responding----->		Total
	Yes	No	No	Total	
-----	Number	Number	Number	Number	-----
-----	Percent	Percent	Percent	Percent	-----
8: Facilities Owned/Operated by Entity Other Than Governing Authority	1,689	4,500		6,189	
	27.3%	72.7%		100.0%	
Number/percent missing: 1,990 / 23.2%					
Number of small museums missing: 1,811					
Percent of missing that are small: 91.0%					
9: Collections Owned/Operated by Entity Other Than Governing Authority	602	4,756		5,358	
	11.2%	88.8%		100.0%	
Number/percent missing: 2,810 / 34.4%					
Number of small museums missing: 2,446					
Percent of missing that are small: 87.0%					
10: Separately Incorporated Friends, Foundation, Guild, etc. Whose Sole Purpose Is to Provide Services or Raise Funds	2,110	4,003		6,113	
	34.5%	65.5%		100.0%	
Number/percent missing: 2,067 / 25.3%					
Number of small museums missing: 1,866					
Percent of missing that are small: 90.3%					

Table B:11-A

Museums with Not-for-Profit Board with
Fiduciary Responsibility by Type and Size

Museum Type	Number of Museums	Number of Museums Responding	Number with Board	Percent with Board
Aquarium	20	19	6	32.6%
Arbor/Bot Gard	318	318	210	65.9%
Art	1,214	933	700	75.1%
Children's	64	57	53	94.2%
General	704	538	436	81.1%
Historic Site	2,084	1,361	754	55.4%
History Museum	2,401	1,947	1,464	75.2%
Natural History	252	195	80	41.3%
Nature Center	298	157	62	39.1%
Planetarium	39	37	12	32.0%
Science	184	123	67	54.7%
Specialized	470	339	244	72.1%
Zoo	133	127	62	48.6%
	-----	-----	-----	
Total	8,179	6,151	4,150	67.5%
Size				

Large	595	525	390	74.3%
Medium	992	863	539	62.5%
Small	6,591	4,764	3,221	67.6%
	-----	-----	-----	
Total	8,179	6,151	4,150	67.5%

See analysis of missing on Table B:11-C

Table B:11-B
Number of Trustees on Museum Boards

Number of Trustees	Number of Museums	Percent of Museums
1-10	1,321	33.8%
11-20	1,478	37.8%
21-30	663	17.0%
31-40	280	7.2%
41-50	69	1.8%
51-60	50	1.3%
Over 60	43	1.1%
Total	3,905	100.0%

Limit on Continuous Service

Yes	2,087	51.7%
No	1,949	48.3%
Total	4,036	100.0%

4,150 museums answered "yes" to question B:11 (Do you have a board?)

Table B:11-C

Number of Museums with Boards by Governing Authority

Type of Governing Authority	Number of Museums	Number of Museums Responding	Number of Museums with Boards	Percent of Gov Auth Type with Boards
Municipal	603	372	162	43.5%
County/Regional	670	575	297	51.7%
State	914	665	207	31.2%
Federal	599	381	12	3.2%
Pub Educ Institutions	592	497	117	23.5%

Subtotal All Public Museums	3,378	2,490	795	31.9%
Private Nonprofit	4,493	3,415	3,245	95.0%
Other Private	296	235	106	45.1%

Subtotal All Private Museums	4,789	3,650	3,351	91.8%

Total All Museums	8,167	6,140	4,146	67.5%

Number/percent missing: 2,028 / 24.8%

Of the missing: Large = 70
 Medium = 130
 Small = 1,828 (most in art & history disciplines)

Of the missing, 1,515 museums (75%) have a parent organization (question 3). The parent organization may have its own board. These museums might be expected not to answer this question.

Of the 512 missing institutions remaining, 463 have a governing authority that is a private nonprofit organization (question 5).

Table B:14

Number of Museums by Type in 1979 and 1988
as Defined in 1979

Type as Defined in 1979	Number in 1979 from 1979 Report		Number in 1979 Calculated from 1989 Report*		Number in 1989 from 1989 Report	
	Number	Percent	Number	Percent	Number	Percent
Art	609	13.8%	1,077	15.0%	1,289	15.8%
Children's	51	1.2%	43	0.6%	70	0.9%
General	382	8.7%	596	8.3%	653	8.0%
History	2,204	50.0%	3,882	54.2%	4,296	52.5%
Parks & Visitor Centers	165	3.7%	225	3.1%	242	3.0%
Science	800	18.1%	990	13.8%	1,125	13.8%
Specialized	197	4.5%	348	4.9%	504	6.2%
	4,408	100.0%	7,160	100.0%	8,179	100.0%

Number/percent missing: 0 / 0.0%

14 missing values assigned appropriate category

* Calculated from either year established or year open < 1979 because
1979 Report drew from universe developed in 1978

* 1979 Museum Program Survey sponsored by IMS; see
footnote 1 in text for full citation

Table B-15

Museums with a Cultural or Ethnic Focus
in the Collections
or on the Audience

Museum Type	Number with Cult/Ethnic Collection	Percent of Type with C/E Collection	Number with Cult/Ethnic Audience	Percent of Type with C/E Audience
Aquarium	0	0.0%	0	0.0%
Arbor/Bot Gard	12	3.8%	12	3.8%
Art	221	19.1%	33	2.9%
Children's	0	0.0%	0	0.0%
General	90	12.8%	21	3.0%
Historic Site	419	20.4%	59	2.9%
History Museum	409	17.1%	149	6.4%
Natural History	51	20.5%	18	7.5%
Nature Center	12	4.2%	0	0.0%
Planetarium	0	0.0%	0	0.0%
Science	1	0.6%	0	0.0%
Specialized	71	16.2%	15	3.2%
Zoo	0	0.0%	0	0.0%
	-----		-----	
Total	1,286	16.1%	305	3.8%

Number/percent missing: 151 / 1.85%

Table C:16-A

Total Square Footage and Acreage under Museum Control
by Museum Type

Museum Type	Total Interior Sq Footage	Percent of Total Interior Sq Footage	Number of Museums Reporting Int Sq Feet	Median Interior Sq Footage	For All Museums: Interior Sq Footage	
					Maximum	Minimum
Aquarium	1,341,443	0.6%	20	41,000		
Arbor/Bot Gard	4,262,154	1.9%	216	5,183	33,848,399	
Art	33,041,118	14.9%	1,204	8,000		5
Children's	1,273,987	0.6%	64	10,177		28,283
General	15,643,148	7.1%	670	10,000		
Historic Site	37,365,117	16.9%	2,029	7,000	Exterior Acreage	
History Museum	42,348,164	19.1%	2,355	7,500		
Natural History	11,384,410	5.1%	243	11,000	1,500,000	
Nature Center	1,626,322	0.7%	286	3,700		0
Planetarium	440,821	0.2%	39	6,100		4,946
Science	7,474,872	3.4%	184	10,000		
Specialized	11,556,638	5.2%	465	9,284	Exterior Sq Footage	
Zoo	53,955,100	24.3%	64	75,500		
Total	221,713,294	100.0%	7,839	8,000	10,270,576	30
					Mean	74,853

Museum Type	Total Exterior Acreage	Percent of Total Exterior Acreage	Number Museums Reporting by		Median Exterior Space	
			Acres	Sq Feet	Acreage Measure	Sq Footage Measure
Aquarium	776	0.003%	15	5	4	27,120
Arbor/Bot Gard	90,803	0.4%	289	15	40	8,550
Art	39,274	0.2%	275	216	5	16,000
Children's	175	0.001%	15	17	2	3,500
General	3,403,296	15.0%	396	79	4	23,240
Historic Site	1,330,895	5.9%	1,501	201	12	12,500
History Museum	4,949,599	21.8%	1,249	513	3	10,000
Natural History	10,160,595	44.8%	137	20	67	21,178
Nature Center	2,591,757	11.4%	283	2	212	615
Planetarium	27	0.000%	9	8	2	2,397
Science	71,673	0.32%	55	19	20	10,000
Specialized	14,384	0.06%	236	50	4	30,000
Zoo	13,683	0.06%	123	11	48	58,230
Total	22,666,937	100.0%	4,583	1,156	8	12,500

Number/percent missing: 39 / 0.005%

Table C:16-B

Size Breakout for Selected Types for Interior and Exterior Space

Museum Type	Interior Square Footage			
	All	Large	Medium	Small
Art	33,041,118	22,504,210	4,657,188	5,879,720
Historic Site	37,365,117	8,630,472	3,123,220	25,611,425
History Museum	42,348,164	8,054,776	4,445,139	29,848,249
Zoo	53,955,100	46,268,700	7,349,909	336,491

Percentage of Interior Square Footage

Art	100.0%	68.1%	14.1%	17.8%
Historic Site	100.0%	23.1%	8.4%	68.5%
History Museum	100.0%	19.0%	10.5%	70.5%
Zoo	100.0%	85.8%	13.6%	0.6%

Museum Type	Exterior Acreage			
	All	Large	Medium	Small
General	3,403,296	1,338,703	205,803	1,858,790
Historic Site	1,330,895	22,408	24,282	1,284,205
History Museum	4,949,599	6,040	10,390	4,933,169
Natural History	10,160,595	169,280	17,443	9,973,872
Nature Center	2,591,757	26,565	2,303,922	261,270

Percentage of Exterior Acreage

General	100.0%	39.3%	6.0%	54.6%
Historic Site	100.0%	1.7%	1.8%	96.5%
History Museum	100.0%	0.1%	0.2%	99.7%
Natural History	100.0%	1.7%	0.2%	98.2%
Nature Center	100.0%	1.0%	88.9%	10.1%

Table C:16-C

Total Square Footage and Acreage under Museum Control
by Governing Authority and by Size

Governing Authority	Total Interior Sq Footage	Percent of Total Interior Sq Footage	Number of Museums Reporting Int Sq Feet		Size of Museum	Total Interior Sq Footage	Percent of Total Interior Sq Footage
			Int	Sq Feet			
Municipal	17,503,024	7.9%	546		Large	112,008,813	50.5%
County/Regional	12,044,309	5.4%	629				
State	14,646,372	6.6%	879		Medium	32,486,898	14.7%
Federal	14,797,758	6.7%	593				
Pub Educ Institutions	6,521,320	2.9%	540		Small	77,217,583	34.8%
Subtotal All Public Museums	65,512,784	29.6%	3,187		Total	221,713,294	100.0%
Private Nonprofit	148,882,127	67.2%	4,368		Number of Museums Reporting Int Sq Feet		
Other Private	7,144,478	3.2%	273		Large	560	
Subtotal All Private Museums	156,026,605	70.4%	4,641		Medium	955	
					Small	6,318	
Total	221,539,388	100.0%	7,828		Total	7,833	
Governing Authority	Total Exterior Acreage	Percent of Total Exterior Acreage	Number Museums Reporting by		Size of Museum	Total Exterior Acreage	Percent of Total Exterior Acreage
			Acres	Sq Feet			
Municipal	13,916	0.1%	395	58	Large	1,594,821	7.0%
County/Regional	82,299	0.4%	484	48			
State	179,598	0.8%	728	77	Medium	2,624,129	11.6%
Federal	17,325,709	76.4%	351	66			
Pub Educ Institutions	18,439	0.1%	213	31	Small	18,447,987	81.4%
Subtotal All Public Museums	17,619,961	77.7%	2,171	280	Total	22,666,937	100.0%
Private Nonprofit	5,001,582	22.1%	2,352	805	Num of Museums Reporting by Acres Sq Feet		
Other Private	45,372	0.2%	49	72	Large	349	84
Subtotal All Private Museums	5,046,955	22.3%	2,401	877	Medium	648	112
					Small	3,586	961
Total	22,666,916	100.0%	4,572	1,156	Total	4,583	1,156

The 12 museums without governing authority account for almost 180,000 square feet

Table C:17-A

Percent of Museums That Reported a Major Renovation or a Move
to a Different Building/Facility by Type and by Size

Museum Type	Percent of Type That Reported Major Renovation	Percent of Type That Moved to New Building
Aquarium	45.5%	0.0%
Arbor/Bot Gard	54.1%	13.0%
Art	46.8%	12.6%
Children's	70.5%	40.4%
General	66.4%	10.4%
Historic Site	63.4%	5.2%
History Museum	62.4%	19.6%
Natural History	51.6%	22.7%
Nature Center	54.2%	13.4%
Planetarium	14.5%	0.0%
Science	39.5%	44.6%
Specialized	60.5%	10.7%
Zoo	74.7%	33.1%
Total	59.1%	14.9%
Size		
Large	70.6%	17.4%
Medium	55.6%	95.8%
Small	58.6%	15.6%
Total	59.1%	14.9%

Number/percent missing: 8 / .098%

Table C:17-B

Sum, Mean, Quartile Values, etc. of
Space Added or Renovated

Sum of Interior Square Feet Added:	33,509,514	Top Five Values
Mean (Average)	12,981	997,500 Reported by:
Quartiles	100% Maximum	560,000 4 Large &
75% Q3	7,500	500,000 1 Small
50% Median	2,500	400,000 weight = 14.58
25% Q1	1,200	271,500
0% Min	-11,000	
Number Museums Responding:	2,581	7 Negative Values weight = 52.48
Sum of Interior Square Feet Renovated:	20,102,569	Top Five Values
Mean (Average)	7,593	1,000,000 Reported by:
Quartiles	100% Maximum	500,000 5 Large
75% Q3	8,000	272,100 weight = 5.77
50% Median	3,600	239,463
25% Q1	1,500	150,900
0% Min	-2,000	
Number Museums Responding:	2,647	1 Negative Value weight = 27.30
Sum of Exterior Acres Added:	840,494	Top Five Values
Mean (Average)	964	17,000 Reported by:
Quartiles	100% Maximum	15,000 1 Large
75% Q3	56	8,000 4 Small
50% Median	3	7,500 weight = 64.74
25% Q1	2	4,800
0% Min	-26,500	
Number Museums Responding:	872	4 Negative Values weight = 31.06 next lowest value = (128)
Sum of Exterior Acres Renovated:	1,144,931	Top Five Values
Mean (Average)	1,855	48,600 Reported by:
Quartiles	100% Maximum	33,300 2 Large
75% Q3	40	14,000 3 Small
50% Median	10	5,000 weight = 66.87
25% Q1	2	760
0% Min	0.1	
Number Museums Responding:	617	No Negative Values

Table C:17-C

Percent of Museums That Reported a Major Renovation or Moved
to a Different Building/Facility by Governing Authority

Governing Authority	Percent of Type That Reported Major Renovation	Percent of Type That Moved to New Building
Municipal	58.8%	8.7%
Regional/County	62.8%	9.0%
State	60.0%	5.1%
Federal	57.6%	25.4%
Pub Educ Institutions	30.8%	16.3%
Subtotal All Public Museums	54.8%	11.9%
Private Nonprofit	63.0%	16.9%
Other Private	49.2%	16.5%
Subtotal All Private Museums	62.2%	16.9%
All Museums	59.1%	14.9%

Number/percent missing: 20 / 0.2%

Table C:17-D

Number of Museums That Added Interior or Exterior Space
by Type and by Size

Museum Type	Interior Space			Exterior Space		
	Number Adding	Number Renovating	Number Both	Number Adding	Number Renovating	Number Both
Aquarium	2	3	1	3	0	0
Arbor/Bot Gard	102	75	39	56	95	29
Art	309	358	129	22	56	5
Children's	33	19	6	3	3	1
General	280	241	84	50	35	12
Historic Site	446	835	127	144	180	31
History Museum	930	754	230	379	91	68
Natural History	78	60	18	14	21	8
Nature Center	81	52	20	74	32	7
Planetarium	3	4	2	0	0	0
Science	105	32	12	13	4	0
Specialized	173	186	87	92	47	28
Zoo	39	28	12	24	53	10
Total	2,581	2,647	766	872	617	198
Size						
Large	264	260	151	75	82	34
Medium	265	333	105	93	135	32
Small	2,053	2,054	510	704	400	131
Total	2,581	2,647	766	872	617	198

Table C:17-E

Number of Museums That Added Interior or Exterior Space
by Governing Authority

Governing Authority	Interior Space			Exterior Space		
	Number Adding	Number Renovating	Number Both	Number Adding	Number Renovating	Number Both
Municipal	222	241	140	60	106	45
Regional/County	234	183	48	102	112	64
State	208	311	42	75	70	3
Federal	189	188	75	40	27	11
Pub Educ Institutions	146	98	48	22	30	7
Subtotal All Public Museums	1,000	1,020	353	299	344	131
Private Nonprofit	1,530	1,533	397	557	266	67
Other Private	47	94	17	11	8	0
Subtotal All Private Museums	1,577	1,627	413	568	273	67
All Museums	2,576	2,646	766	867	617	198

Table C-17-F
Of All Museums Percent That Added Interior or Exterior Space
by Type and by Size

Museum Type	Interior Space			Exterior Space		
	Percent Adding	Percent Renovating	Percent Both	Percent Adding	Percent Renovating	Percent Both
Aquarium	11.3%	16.2%	6.4%	12.9%	0.0%	0.0%
Arbor/Bot Gard	32.0%	23.7%	12.3%	17.6%	29.9%	9.0%
Art	25.4%	29.5%	10.6%	1.8%	4.6%	0.4%
Children's	52.1%	30.5%	8.7%	3.9%	4.8%	2.0%
General	39.8%	34.4%	11.9%	7.1%	5.0%	1.7%
Historic Site	21.4%	40.0%	6.1%	6.9%	8.6%	1.5%
History Museum	38.7%	31.4%	9.6%	15.8%	3.8%	2.8%
Natural History	31.0%	23.9%	7.3%	5.4%	8.4%	3.1%
Nature Center	27.3%	17.3%	6.7%	24.7%	10.8%	2.5%
Planetarium	8.5%	11.4%	5.5%	0.0%	0.0%	0.0%
Science	57.2%	17.7%	6.6%	7.2%	2.0%	0.0%
Specialized	37.2%	39.8%	18.7%	19.7%	10.0%	5.9%
Zoo	29.2%	21.4%	8.8%	18.4%	40.4%	7.4%
Total	31.6%	32.4%	9.4%	10.7%	7.6%	2.4%
Size						
Large	44.6%	44.1%	25.6%	12.6%	13.9%	5.8%
Medium	26.7%	33.5%	10.6%	9.4%	13.6%	3.2%
Small	31.2%	31.2%	7.7%	10.7%	6.1%	2.0%
Total	31.6%	32.4%	9.4%	10.7%	7.6%	2.4%

Table C:17-G

Of All Museums Percent That Added Interior or Exterior Space
by Governing Authority

Governing Authority	Interior Space			Exterior Space		
	Percent Adding	Percent Renovating	Percent Both	Percent Adding	Percent Renovating	Percent Both
Municipal	37.0%	40.0%	23.3%	10.0%	17.6%	7.5%
Regional/County	34.9%	27.2%	7.1%	15.2%	16.7%	9.6%
State	22.7%	34.0%	4.6%	8.3%	7.6%	0.4%
Federal	31.6%	31.4%	12.6%	6.6%	4.5%	1.8%
Pub Educ Institutions	24.6%	16.5%	8.1%	3.8%	5.1%	1.2%
Subtotal Public Museums	29.6%	30.2%	10.5%	8.9%	10.2%	3.9%
Private Nonprofit	34.1%	34.2%	8.8%	12.4%	5.9%	1.5%
Other Private	15.9%	31.8%	5.6%	3.5%	2.6%	0.0%
Subtotal Private Museums	33.0%	34.0%	8.6%	11.9%	5.7%	1.4%
All Museums	31.6%	32.4%	9.4%	10.6%	7.6%	2.4%

Table C:19-A
 Museums with Intrusion Detection Systems
 by Type and by Size

Museum Type	Number with Indoor Space Greater Than 100 Sq. Feet	Percent of Type with in-door Space	Percent of Museums with Indoor Space That Have Intrusion Detection Systems			Percent of Intrusion Systems That Are Continuously Monitored			Percent of Intrusion Systems That Are Regularly Tested		
			Yes	No	Blank	Yes	No	Blank	Yes	No	Blank
Aquarium	20	100.0%	32.6%	57.5%	9.9%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%
Arbor/Bot Gard	214	67.4%	38.0%	20.0%	42.5%	92.8%	0.0%	7.2%	91.4%	0.0%	8.6%
Art	1,204	99.2%	64.3%	9.5%	25.4%	97.3%	1.3%	1.3%	95.7%	1.9%	2.4%
Children's	64	100.0%	65.5%	19.8%	14.7%	90.2%	5.2%	4.6%	96.5%	3.5%	0.0%
General	670	95.2%	43.1%	18.1%	36.8%	98.1%	0.4%	0.7%	96.2%	0.8%	2.3%
Historic Site	2,002	96.1%	42.0%	9.7%	46.3%	98.4%	1.6%	0.0%	90.1%	4.9%	4.9%
History Museum	2,328	97.0%	50.7%	20.5%	26.4%	93.5%	5.4%	1.1%	91.3%	5.1%	3.6%
Natural History	243	96.3%	52.1%	20.3%	24.0%	93.8%	4.0%	2.2%	90.8%	6.1%	3.1%
Nature Center	286	96.3%	25.9%	19.8%	52.1%	73.8%	19.7%	6.5%	83.2%	10.3%	6.5%
Planetarium	39	100.0%	46.5%	45.8%	7.7%	73.5%	11.8%	14.7%	85.3%	0.0%	14.7%
Science	184	100.0%	37.4%	29.8%	32.8%	100.0%	0.0%	0.0%	92.9%	0.0%	7.1%
Specialized	465	99.0%	54.8%	17.8%	27.5%	99.5%	0.5%	0.0%	94.9%	0.0%	5.1%
Zoo	64	48.4%	43.2%	17.2%	36.6%	83.0%	4.5%	12.5%	87.5%	0.0%	12.5%
Total	7,783	95.2%	48.6%	16.0%	33.6%	95.7%	3.0%	1.2%	92.4%	3.6%	3.9%
Size											
Large	565	95.0%	75.1%	4.9%	16.2%	98.3%	1.4%	0.3%	94.5%	0.5%	4.9%
Medium	955	96.2%	76.9%	7.2%	15.7%	94.5%	4.1%	1.5%	97.0%	0.8%	2.2%
Small	6,262	95.0%	41.9%	18.4%	38.0%	95.6%	3.0%	1.3%	90.9%	4.8%	4.3%
Total	7,783	95.2%	48.6%	16.0%	33.6%	95.7%	3.0%	1.2%	92.5%	3.6%	3.9%

Number/percent missing: 2,619 / 34.2%

Table C:19-B
Museums with Fire Detection Systems
by Type and by Size

Museum Type	Number with Indoor Space Greater Than 100 Sq. Feet	Percent of Type with in- door Space	Percent of Museums with Indoor Space That Have Fire Detection Systems			Percent of Fire Systems That Are Continuously Monitored			Percent of Fire Systems That Are Regularly Tested		
			Yes	No	Blank	Yes	No	Blank	Yes	No	Blank
Aquarium	20	100.0%	49.1%	34.5%	16.4%	100.0%	0.0%	0.0%	79.9%	20.1%	0.0%
Arbor/Bot Gard	214	67.4%	54.7%	34.8%	58.9%	69.6%	25.3%	7.2%	75.7%	13.3%	15.9%
Art	1204	99.2%	65.1%	10.3%	25.4%	91.5%	7.3%	1.2%	97.4%	0.0%	2.6%
Children's	64	100.0%	65.8%	22.9%	11.3%	86.8%	13.2%	0.0%	96.5%	3.5%	0.0%
General	670	95.2%	53.7%	19.0%	32.3%	86.8%	5.7%	9.4%	87.3%	4.3%	10.5%
Historic Site	2002	96.1%	53.8%	6.8%	43.4%	83.5%	11.4%	6.5%	85.3%	5.1%	12.3%
History Museum	2328	97.0%	59.1%	24.5%	19.5%	90.0%	3.0%	8.1%	87.5%	3.2%	10.8%
Natural History	243	96.3%	59.6%	21.0%	23.2%	93.2%	2.6%	4.8%	90.6%	4.4%	5.6%
Nature Center	286	96.3%	37.5%	13.2%	53.2%	75.9%	18.5%	8.2%	93.0%	1.4%	8.2%
Planetarium	39	100.0%	72.5%	19.8%	7.7%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%
Science	184	100.0%	59.8%	8.7%	31.5%	96.7%	2.9%	0.6%	95.6%	0.0%	7.1%
Specialized	465	99.0%	55.7%	23.0%	22.3%	94.4%	2.3%	3.4%	88.4%	0.8%	11.0%
Zoo	64	48.4%	55.1%	80.7%	70.8%	96.5%	3.5%	0.0%	94.5%	31.4%	-32.9%
Total	7783	95.2%	57.2%	17.0%	30.8%	88.2%	7.0%	5.7%	89.1%	3.5%	8.7%
Size											
Large	565	95.0%	82.7%	6.0%	16.6%	92.8%	7.0%	0.3%	89.8%	4.1%	6.7%
Medium	955	96.2%	78.4%	8.6%	16.9%	95.6%	3.0%	1.5%	94.8%	0.7%	4.6%
Small	6262	95.0%	51.6%	19.3%	34.3%	85.8%	8.0%	7.7%	87.7%	4.0%	10.3%
Total	7783	95.2%	57.2%	17.0%	30.9%	88.2%	7.0%	5.7%	89.1%	3.5%	8.7%

Number/percent missing: 2,402 / 29.4%

Table C:22-A
Number and Percent of Staff by Type (Percentages Add Down)

PAID Museum Type	Total Full-time Paid Staff	Percent of Total Full-time Staff	Total Part-time Paid Staff	Percent of Total Part-time Staff	Total Paid Staff	Percent of Total Staff
Aquarium	1,085	58.1%	420	23.9%	1,505	41.5%
Arbor/Bot Gard	8,064	89.7%	2,213	16.3%	10,277	45.6%
Art	20,364	85.6%	10,711	16.9%	31,075	35.7%
Children's	799	63.1%	796	24.6%	1,595	35.4%
					0	
General	5,295	69.1%	3,660	11.2%	8,955	22.3%
Historic Site	14,879	72.1%	11,353	9.1%	26,232	18.0%
History Museum	12,325	49.3%	8,690	13.5%	21,015	23.5%
Natural History	8,325	82.9%	2,827	19.9%	9,152	41.9%
					0	
Nature Center	2,013	74.8%	1,608	10.4%	3,621	19.9%
Planetarium	244	97.1%	325	52.0%	569	64.9%
Science	4,073	96.7%	3,909	14.5%	7,982	25.6%
Specialized	4,456	90.4%	2,394	13.0%	6,850	29.4%
Zoo	12,031	68.6%	7,364	39.4%	19,395	53.5%
Total	91,954	72.7%	56,270	14.1%	148,224	28.3%

UNPAID Museum Type	Total Full-time Unpaid Staff	Percent of Total Full-time Staff	Total Part-time Unpaid Staff	Percent of Total Part-time Staff	Total Unpaid Staff	Percent of Total Staff
Aquarium	783	41.9%	1,335	76.1%	2,118	58.5%
Arbor/Bot Gard	922	10.3%	11,327	83.7%	12,249	54.4%
Art	3,434	14.4%	52,570	83.1%	56,004	64.3%
Children's	466	36.9%	2,446	75.4%	2,912	64.6%
					0	
General	2,368	30.9%	28,923	88.8%	31,291	77.7%
Historic Site	5,746	27.9%	113,554	90.9%	119,300	82.0%
History Museum	12,683	50.7%	55,727	86.5%	68,410	76.5%
Natural History	1,303	17.1%	11,398	80.1%	12,701	58.1%
					0	
Nature Center	679	25.2%	13,911	89.6%	14,590	80.1%
Planetarium	7	2.9%	300	48.0%	307	35.1%
Science	138	3.3%	23,047	85.5%	23,185	74.4%
Specialized	474	9.6%	16,005	87.0%	16,479	70.6%
Zoo	5,506	31.4%	11,322	60.6%	16,828	46.5%
Total	34,509	27.3%	341,865	85.9%	376,374	71.7%

TOTAL Museum Type	Total Full-time Staff	Percent of Total Full-time Staff	Total Part-time Staff	Percent of Total Part-time Staff	Total Staff	Percent of Total Staff
Aquarium	1,868	100.0%	1,755	100.0%	3,623	100.0%
Arbor/Bot Gard	8,986	100.0%	13,540	100.0%	22,526	100.0%
Art	23,799	100.0%	63,281	100.0%	87,080	100.0%
Children's	1,265	100.0%	3,242	100.0%	4,507	100.0%
General	7,663	100.0%	32,583	100.0%	40,246	100.0%
Historic Site	20,625	100.0%	124,907	100.0%	145,532	100.0%
History Museum	25,008	100.0%	64,417	100.0%	89,425	100.0%
Natural History	7,628	100.0%	14,225	100.0%	21,853	100.0%
Nature Center	2,692	100.0%	15,519	100.0%	18,211	100.0%
Planetarium	251	100.0%	625	100.0%	876	100.0%
Science	4,211	100.0%	26,956	100.0%	31,167	100.0%
Specialized	4,930	100.0%	18,399	100.0%	23,329	100.0%
Zoo	17,537	100.0%	18,686	100.0%	36,223	100.0%
Total	126,463	100.0%	398,135	100.0%	524,598	100.0%

Number/percent missing: 64 / 0.78%

Table C:22-B

Number and Percent of Staff by Type (Percentages Add Across)

PAID Museum Type	Total Full-time Paid Staff	Percent of Total Paid Staff	Total Part-time Paid Staff	Percent of Total Paid Staff	Total Paid Staff	Percent of Total Paid Staff
Aquarium	1,085	72.1%	420	27.9%	1,505	100.0%
Arbor/Bot Gard	8,064	78.5%	2,213	21.5%	10,277	100.0%
Art	20,364	65.5%	10,711	34.5%	31,075	100.0%
Children's	799	50.1%	796	49.9%	1,595	100.0%
General	5,295	59.1%	3,660	40.9%	8,955	100.0%
Historic Site	14,879	56.7%	11,353	43.3%	28,232	100.0%
History Museum	12,325	58.6%	8,690	41.4%	21,015	100.0%
Natural History	6,325	69.1%	2,827	30.9%	9,152	100.0%
Nature Center	2,013	55.6%	1,608	44.4%	3,621	100.0%
Planetarium	244	42.9%	325	57.1%	569	100.0%
Science	4,073	51.0%	3,909	49.0%	7,982	100.0%
Specialized	4,456	65.1%	2,394	34.9%	6,850	100.0%
Zoo	12,031	62.0%	7,364	38.0%	19,395	100.0%
Total	91,954	62.0%	56,270	38.0%	148,224	100.0%

UNPAID Museum Type	Total Full-time Unpaid Staff	Percent of Total Unpaid Staff	Total Part-time Unpaid Staff	Percent of Total Unpaid Staff	Total Unpaid Staff	Percent of Total Unpaid Staff
Aquarium	783	37.0%	1,335	63.0%	2,118	100.0%
Arbor/Bot Gard	922	7.5%	11,327	92.5%	12,249	100.0%
Art	3,434	6.1%	52,570	93.9%	56,004	100.0%
Children's	466	16.0%	2,446	84.0%	2,912	100.0%
General	2,368	7.6%	28,923	92.4%	31,291	100.0%
Historic Site	5,746	4.8%	113,554	95.2%	119,300	100.0%
History Museum	12,683	18.5%	55,727	81.5%	68,410	100.0%
Natural History	1,303	10.3%	11,398	89.7%	12,701	100.0%
Nature Center	679	4.7%	13,911	95.3%	14,590	100.0%
Planetarium	7	2.4%	300	97.6%	307	100.0%
Science	138	0.6%	23,047	99.4%	23,185	100.0%
Specialized	474	2.9%	16,005	97.1%	16,479	100.0%
Zoo	5,506	32.7%	11,322	67.3%	16,828	100.0%
Total	34,509	9.2%	341,865	90.8%	376,374	100.0%

TOTAL Museum Type	Total Full-time Staff	Percent of Total Staff	Total Part-time Staff	Percent of Total Staff	Total Staff	Percent of Total Staff
Aquarium	1,868	51.6%	1,755	48.4%	3,623	100.0%
Arbor/Bot Gard	8,986	39.9%	13,540	60.1%	22,526	100.0%
Art	23,799	27.3%	63,281	72.7%	87,080	100.0%
Children's	1,265	28.1%	3,242	71.9%	4,507	100.0%
General	7,663	19.0%	32,583	81.0%	40,246	100.0%
Historic Site	20,625	14.2%	124,907	85.8%	145,532	100.0%
History Museum	25,008	28.0%	64,417	72.0%	89,425	100.0%
Natural History	7,628	34.9%	14,225	65.1%	21,853	100.0%
Nature Center	2,692	14.8%	15,519	85.2%	18,211	100.0%
Planetarium	251	28.7%	625	71.3%	876	100.0%
Science	4,211	13.5%	26,956	86.5%	31,167	100.0%
Specialized	4,930	21.1%	18,399	78.9%	23,329	100.0%
Zoo	17,537	48.4%	18,686	51.6%	36,223	100.0%
Total	126,463	24.1%	398,135	75.9%	524,598	100.0%

Number/percent missing: 64 / 0.78%

Table C:22-C

Staff Distribution by Who Pays
All Museums

Staff Category	Full-time Staff			Part-time Staff		
	Number	Percent	Percent	Number	Percent	Percent
Regular Staff (paid by the museum)	65,445	55.3%	75.1%	22,913	5.8%	42.7%
Temporary or Seasonal Staff (paid by the museum)	9,804	8.3%	11.3%	20,771	5.2%	38.7%
Paid by Friends/Auxiliary Organization	2,089	1.8%	2.4%	2,572	0.6%	4.8%
Paid by Parent or Other Organization	9,783	8.3%	11.2%	7,444	1.9%	13.9%
Total Paid Staff *	87,121	73.6%	100.0%	53,700	13.5%	100.0%
Unpaid Staff/Volunteers	31,318	26.4%		342,911	86.5%	
Total Number of Staff *	118,439	100.0%		396,611	100.0%	

Number/percent missing: varies by each figure
largest values 506 / 6.2%

* Each of the four totals is slightly below those reported in Tables D:22-A and D:22-B due to missing values.

Table C:22-D

Median and Average Paid and Total Full-time and Part-time Staff
by Museum Type

Museum Type	-----PAID STAFF----->			
	Median Full-time	Average Full-time	Median Part-time	Average Part-time
Aquarium	24.5	53.5	6.0	20.7
Arbor/Bot Gard	16.0	26.9	5.0	7.1
Art	15.0	16.9	8.5	9.0
Children's	6.0	12.5	7.0	12.5
General	9.5	7.5	6.0	5.2
Historic Site	4.0	7.2	3.0	5.5
History Museum	3.0	5.2	3.0	3.6
Natural History	10.0	25.1	8.0	11.5
Nature Center	5.0	6.8	3.0	5.5
Planetarium	3.5	6.3	5.0	8.4
Science	16.0	22.2	9.5	21.3
Specialized	4.0	9.5	3.0	5.1
Zoo	65.0	90.5	14.0	55.3
Total	7.0	11.3	5.0	6.9

Museum Type	-----ALL STAFF----->			
	Median Full-time	Average Full-time	Median Part-time	Average Part-time
Aquarium	34.0	92.1	57.0	91.0
Arbor/Bot Gard	22.0	29.5	24.0	44.5
Art	18.0	19.9	28.5	53.6
Children's	7.0	19.9	30.0	50.9
General	10.0	10.9	28.5	48.3
Historic Site	5.0	9.9	16.0	60.3
History Museum	6.0	10.4	15.0	27.2
Natural History	12.0	32.0	21.0	58.2
Nature Center	5.5	9.0	15.0	53.1
Planetarium	4.0	6.4	10.5	17.1
Science	17.0	22.9	34.5	146.8
Specialized	6.0	10.6	12.0	40.5
Zoo	85.0	131.4	58.0	143.0
Total	10.0	15.6	24.0	49.6

Number/percent missing: 64 / 0.78%

Table D:26-A

Museums with Permanent Collection
by Type and Size

Museum Type	Number with Permanent Collection	Percent with Permanen Collection
Aquarium	16	80.3%
Arbor/Bot Gard	275	86.5%
Art	989	81.5%
Children's	44	68.3%
General	694	98.6%
Historic Site	2,057	98.7%
History Museum	2,344	97.6%
Natural History	235	93.3%
Nature Center	225	75.7%
Planetarium	33	86.5%
Science	164	89.6%
Specialized	432	91.9%
Zoo	133	100.0%
Total	7,642	93.4%
Size		
Large	541	90.9%
Medium	949	95.6%
Small	6,152	93.3%
Total	7,642	93.4%

Number/percent missing: 2 / 0.02%

Table D:26-B
Museums with Permanent Collection
by Governing Authority

Governing Authority	Number with Permanent Collection	Percent with Permanent Collection
Municipal	579	96.1%
County/Regional	657	98.1%
State	872	95.5%
Federal	585	97.6%
Pub Educ Institutions	481	81.3%

Subtotal All Public Museums	3,174	94.0%
Private Nonprofit	4,184	93.1%
Other Private	280	94.7%

Subtotal All Private Museums	4,465	93.2%
Total All Museums	7,639	93.5%

Number/percent missing: 12 / 0.15%

Table D:27-A

Total Numbers in Permanent Collection
by Museum Type

Museum Type	Total Number of Objects/ Specimen	Total Number of Lots/Taxa/ Populations	Total Cubic Feet Archival Material	Total Linear Feet Archival Material
Aquarium	74,296	147,791	133	1,815
Arbor/Bot Gard	19,361,485	622,092	7,118	3,204
Art	13,051,701	7,845	82,786	38,834
Children's	371,967	1,241	488	470
General	66,390,590	221,450	271,171	1,340,656
Historic Site	87,175,737	51,489	153,019	83,374
History Museum	86,563,254	1,225,551	2,520,340	509,943
Natural History	425,927,812	5,045,621	179,248	3,281,797
Nature Center	176,620	15,982	19	8,956
Planetarium	59,081	349	13,859	129
Science	16,408,518	22,696	15,335	30,562
Specialized	21,509,368	3,901,221	267,499	7,436,718
Zoo	780,294	60,765	131	2,973
Total	737,850,724	11,324,092	3,511,144	12,739,433

Museum Type	Total Linear Feet of Bound Material	Total Number of Volumes of Bound Material	Total Number of Sites/ Structures	Total Number of Acres
Aquarium	0	0	0	64
Arbor/Bot Gard	935	159,100	109	31,408
Art	12,368	697,667	116	2,603
Children's	2	688	12	10
General	9,218	144,289	725	1,337,192
Historic Site	6,310	1,432,633	9,362	1,043,370
History Museum	69,149	2,652,027	4,117	17,831
Natural History	79,659	86,810	270	1,770,491
Nature Center	0	31	43	47,599
Planetarium	63	1,170	7	11
Science	0	65,442	6	70,537
Specialized	0	884,465	175	3,432
Zoo	998	244	107	14,230
Total	178,703	6,124,565	15,048	4,338,776

Number/percent missing: 17 / 0.22%

Table D:27-B

Total Numbers in Permanent Collection
by Museum Size

Museum Size	Total Number of Objects/ Specimen	Total Number of Lots/Taxa/ Populations	Total Cubic Feet Archival Material	Total Linear Feet Archival Material
Large	552,075,092	5,920,948	2,585,125	4,836,164
Medium	75,245,435	1,121,404	304,570	154,736
Small	110,530,197	4,281,741	621,449	7,748,533
Total	737,850,724	11,324,092	3,511,144	12,739,433

Museum Size	Total Linear Feet of Bound Material	Total Number of Volumes of Bound Material	Total Number of Sites/ Structures	Total Number of Acres
Large	133,976	2,349,077	3,182	1,384,468
Medium	40,033	1,013,342	2,487	46,313
Small	4,694	2,762,146	9,379	2,907,996
Total	178,702	6,124,565	15,048	4,338,777

Number/percent missing: 17 / 0.22%

Table D:27-C

Total Numbers In Permanent Collection
by Governing Authority

Governing Authority	Total Number of Objects/ Specimen	Total Number of Lots/Taxa/ Populations	Total Cubic Feet Archival Material	Total Linear Feet Archival Material
Municipal	5,151,093	41,394	64,414	174,467
County/Regional	48,033,126	47,619	12,327	39,202
State	25,981,183	1,362,458	162,403	57,112
Federal	204,018,145	5,650	2,068,929	3,411,081
Pub Educ Institutions	76,052,418	2,981,513	17,817	22,744
Subtotal All Public Museums	359,235,965	4,438,634	2,325,890	3,704,607
Private Nonprofit	328,977,853	6,700,780	1,171,745	1,624,480
Other Private	48,424,248	175,348	13,315	7,409,256
Subtotal All Private Museums	377,402,101	6,876,128	1,185,060	9,033,736
Total All Museums	736,638,065	11,314,762	3,510,949	12,738,342
Number from museums with blank govauth	1,212,659	9,330	195	1,090
Percent w blank	0.2%	0.1%	0.0%	0.0%

Governing Authority	Total Linear Feet of Bound Material	Total Number of Volumes of Bound Material	Total Number of Sites/ Structures	Total Number of Acres
Municipal	9,156	90,654	1,572	4,965
County/Regional	0	118,964	2,967	21,421
State	7,309	292,363	2,204	48,796
Federal	175	1,556,106	3,074	3,354,270
Pub Educ Institutions	1,958	386,458	306	12,447
Subtotal All Public Museums	18,598	2,444,544	10,122	3,441,899
Private Nonprofit	160,105	3,402,579	4,834	894,476
Other Private	0	276,897	92	2,402
Subtotal All Private Museums	160,105	3,679,476	4,926	896,878
Total All Museums	178,703	6,124,020	15,048	4,338,777
Number from museums with blank govauth	0	545	0	0
percent w blank	0.0%	0.01%	0.0%	0.0%

Table D:28-A

Number of Items in Permanent Collections by Collection Type

Type of Collection	Objects/ Specimens	Lots/Taxa Populations
Natural Collections		
Zoological: living	2,637,262	307,560
nonliving	220,593,543	3,410,364
Botanical: living	3,019,475	433,509
nonliving	37,315,115	931,672
Geological (rocks/mins)	3,920,339	47,387
Paleontological	88,958,044	3,824,810
Other	2,436,565	148,293
	-----	-----
	358,880,343	9,103,596
Historical Collections		
Structures	24,602	602
Furnishings	3,756,829	13,043
Personal artifacts	5,995,059	119,095
Tools/equip: materials	3,176,312	26,990
Sci and tech	3,565,439	30,796
Communication	4,756,921	20,490
Distr/trans artifacts	1,112,958	1,554
Recreation artifacts	1,135,120	13,315
Communication artifacts	42,728,007	42,922
Other	8,038,209	6,239
	-----	-----
	74,289,455	275,048
Anthro/Archeology Collections		
Archeological	167,482,985	2,605,195
Ethnological/ethnographical	7,634,507	44,296
Folk culture	2,427,399	665
Physical anthropology	630,898	5,947
Other	1,809,241	18,135
	-----	-----
	179,985,029	2,674,237
Art Collections		
Paintings	1,267,549	11,961
Prints, drawings, graph arts	8,155,577	6,577
Sculpture	348,327	3,687
Decorative arts	2,536,224	15,756
Costumes and textiles	3,127,208	57,794
Audiovisual and film	12,231,843	8,346
Photographs	51,456,581	33,383
Archeological/ethnographic	913,556	228
Other	6,932,121	4,564
	-----	-----
	86,968,986	142,295
Other Collections		
	19,497,752	2,195
	-----	-----
Total	719,621,565	12,197,370
Communication Artifacts	1,300,643 Cubic Feet	14,766,536 Linear Feet

Number/percent missing: 65.06 / 0.79%

Table D:28-B

Percent of Collection Type Held by Museum Type

Museum Type	Natural	Natural	Historical	Historical
	Collections	Collections	Collections	Collections
	Objects/Spec	Lots/Taxa/Pop	Objects/Spec	Lots/Taxa/Pop
Aquarium	0.020%	3.082%	0.000%	0.002%
Arbor/Bot Gard	5.345%	6.805%	1.680%	0.000%
Art	0.003%	0.002%	0.683%	0.039%
Children's	0.025%	0.011%	0.100%	0.048%
General	7.649%	2.218%	5.526%	8.605%
Historic Site	0.028%	0.111%	19.753%	41.812%
History Museum	0.074%	0.034%	64.287%	48.786%
Natural History	85.727%	52.007%	3.988%	0.017%
Nature Center	0.023%	0.151%	0.005%	0.041%
Planetarium	0.001%	0.000%	0.010%	0.084%
Science	0.884%	0.164%	0.996%	0.218%
Specialized	0.113%	0.606%	2.953%	0.338%
Zoo	0.109%	34.809%	0.016%	0.010%
Total	100.000%	100.000%	100.000%	100.000%
	Anthr/Archeo	Anthr/Archeo	Art	Art
	Collections	Collections	Collections	Collections
	Objects/Spec	Lots/Taxa/Pop	Objects/Spec	Lots/Taxa/Pop
Aquarium	0.000%	0.000%	0.037%	0.057%
Arbor/Bot Gard	0.001%	0.000%	0.290%	0.000%
Art	0.034%	0.011%	12.517%	38.710%
Children's	0.088%	0.001%	0.063%	0.040%
General	8.999%	2.314%	5.776%	0.370%
Historic Site	38.331%	1.047%	11.435%	2.285%
History Museum	1.367%	45.159%	54.950%	45.352%
Natural History	44.918%	23.734%	4.064%	8.980%
Nature Center	0.009%	0.061%	0.051%	0.128%
Planetarium	0.000%	0.000%	0.053%	0.148%
Science	6.180%	0.286%	3.983%	0.027%
Specialized	0.068%	27.158%	6.630%	3.632%
Zoo	0.005%	0.229%	0.150%	0.271%
Total	100.000%	100.000%	100.000%	100.000%
	Other	Other	Total	
	Collections	Collections	Communication	
	Objects/Spec	Lots/Taxa/Pop	Artifacts*	
Aquarium	0.000%	0.000%	0.012%	
Arbor/Bot Gard	0.000%	0.000%	0.178%	
Art	3.510%	0.489%	0.705%	
Children's	0.008%	1.079%	0.006%	
General	3.094%	2.836%	7.545%	
Historic Site	0.902%	0.000%	1.455%	
History Museum	8.850%	1.094%	19.617%	
Natural History	0.288%	39.734%	21.902%	
Nature Center	0.159%	0.000%	0.056%	
Planetarium	0.013%	0.000%	0.087%	
Science	0.413%	0.000%	0.242%	
Specialized	81.530%	3.587%	48.181%	
Zoo	1.233%	51.181%	0.013%	
Total	100.000%	100.000%	100.000%	

* Linear feet and cubic feet added together
 Number/percent missing: 65.06 / 0.79%

Table D:29-A

Response Rate to Question 29: Percentage of Permanent Collection
for Which Records Have Been Developed and Are Maintained

Museum Type	Total Number Museums	Number with Permanent Collection	Number with Collection & No Response Q29	Percent with Collection & No Response Q29	
Aquarium	20	16	3	18.4%	
Arbor/Bot Gard	318	275	38	13.8%	
Art	1,214	989	220	22.2%	Percent of Nonresponse Represented by Small
Children's	64	44	7	15.5%	
General	704	695	186	26.7%	
Historic Site	2,084	2,057	820	39.8%	92.7%
History Museum	2,401	2,344	548	23.4%	
Natural History	252	235	55	23.5%	
Nature Center	298	225	130	57.6%	81.0%
Planetarium	39	33	4	11.6%	
Science	184	164	64	39.2%	77.4%
Specialized	470	432	150	34.7%	74.7%
Zoo	133	133	10	7.2%	
	-----	-----	-----		
Total	8,179	7,642	2,233	29.2%	
Museum Size					

Large	595	541	93	17.2%	
Medium	992	949	153	16.1%	
Small	6,591	6,152	1,988	32.3%	
	-----	-----	-----		
Total	8,179	7,642	2,233	29.2%	

Table D29-B

Response Rate to Question 29 Based on Question 27

For museums that did not respond in Q29, the following are counts of items in their collections as reported in Q27:

Collection Item	Accounted for in Q29		Not accounted for in Q29	
	Number	Percent of Q27 Total	Number	Percent of Q27 Total
Objects	715,790,164	97.0%	22,060,560	3.0%
Lots	11,247,603	99.3%	76,489	0.7%
Archival Material				
Cubic Feet	1,002,849	75.0%	333,528	25.0%
Linear Feet	12,674,861	99.5%	64,572	0.5%
Bound Material				
Linear Feet	178,703	100.0%	0	0.0%
Volumes	5,736,276	93.7%	388,289	6.3%
Sites	12,334	82.0%	2,714	18.0%
Acres	2,452,392	56.5%	1,886,384	43.5%

Calculations without the National Archives & Pierpont Morgan Library who together account for over 50% of the archival material reported in cubic feet

Table D:29-C

Average Percent of Permanent Collection for Which Records
Are Developed and Maintained for All Museums

	Average Percentage -----	Approx- imate Median* -----	For Natural History and Living Collections =====	Average Percentage -----	Approx- imate Median* -----
Objects/Specimen -----					
Accessioned	83.7%	90.0%	Objects/Specimen		
Catalogued	69.7%	85.0%	-----		
Inventoried	76.2%	90.0%	Processed	57.3%	80.0%
			Catalogued	51.4%	70.0%
			Identified	57.6%	80.0%
Lots/Populations -----					
Accessioned	54.2%	75.0%	Lots/Populations		
Catalogued	43.7%	30.0%	-----		
Inventoried	53.0%	80.0%	Processed	54.9%	80.0%
			Catalogued	52.1%	70.0%
			Identified	57.8%	80.0%
Archival Material -----					
Accessioned	65.7%	90.0%	Sites/Structures		
Catalogued	50.2%	60.0%	-----		
Inventoried	55.7%	70.0%	Processed	58.0%	100.0%
			Catalogued	51.8%	
			Identified	56.2%	
Books -----					
Accessioned	73.9%	95.0%	For Outdoor		
Catalogued	65.1%	80.0%	Collections		
Inventoried	69.1%	95.0%	-----		
			Mapped	63.9%	100.0%
Sites/Structures -----					
Accessioned	72.7%	100.0%			
Catalogued	67.5%	100.0%			
Inventoried	72.0%	100.0%			

* Estimated from quartile distributions

Number/percent missing: 2,233 / 29.2% (See Table D:29-A)

Table D:29-D

Average Percent of Permanent Collection for Which Records
Are Developed and Maintained for Aquariums

	Average Percentage -----	Approx- imate Median*		Average Percentage -----	Approx- imate Median*
Objects/Specimen **			For Natural History and Living Collections		
-----			-----		
Accessioned	100.0%	100.0%	Objects/Specimen		
Catalogued	100.0%	100.0%	-----		
Inventoried	100.0%	100.0%	Processed	99.5%	100.0%
			Catalogued	47.8%	100.0%
			Identified	90.9%	100.0%
Lots/Populations **					

Accessioned	100.0%	100.0%	Lots/Populations		
Catalogued	100.0%	100.0%	-----		
Inventoried	100.0%	100.0%	Processed	99.4%	100.0%
			Catalogued	99.8%	100.0%
			Identified	98.0%	100.0%
Archival Material **					

Accessioned	45.0%	45.0%	Sites/Structures **		
Catalogued	45.0%	45.0%	-----		
Inventoried	0.0%	0.0%	Processed	100.0%	100.0%
			Catalogued	60.1%	100.0%
			Identified	60.1%	100.0%
Books **					

Accessioned	100.0%	100.0%	For Outdoor Collections **		
Catalogued	100.0%	100.0%	-----		
Inventoried	100.0%	100.0%	Mapped	100.0%	100.0%
Sites/Structures **					

Accessioned	0.0%	0.0%			
Catalogued	0.0%	0.0%			
Inventoried	0.0%	0.0%			

* Estimated from quartile distributions (see Table D*29-B1)
 ** Only an estimated 3 museums reported in these categories
 Number/percent missing: 3 / 18.4% (See Table D:29-A)

Table D:29-E

Average Percent of Permanent Collection for Which Records
Are Developed and Maintained for Arboreta and Botanical Gardens

	Average Percentage -----	Approx- imate Median* -----	For Natural History and Living Collections =====	Average Percentage -----	Approx- imate Median* -----
Objects/Specimen -----					
Accessioned	80.2%	75.0%	Objects/Specimen -----		
Catalogued	63.0%	80.0%	Processed	58.6%	80.0%
Inventoried	63.8%	80.0%	Catalogued	57.5%	75.0%
			Identified	77.1%	88.0%
Lots/Populations -----			Lots/Populations -----		
Accessioned	23.8%	0.0%	Processed	56.5%	77.0%
Catalogued	34.6%	0.0%	Catalogued	62.1%	77.0%
Inventoried	34.4%	0.0%	Identified	76.2%	80.0%
Archival Material -----			Sites/Structures -----		
Accessioned	14.4%	0.0%	Processed	54.2%	100.0%
Catalogued	10.4%	0.0%	Catalogued	54.2%	100.0%
Inventoried	14.2%	0.0%	Identified	54.2%	100.0%
Books -----			For Outdoor Collections =====		
Accessioned	31.9%	0.0%	Mapped	62.8%	65.0%
Catalogued	61.4%	100.0%			
Inventoried	67.6%	100.0%			
Sites/Structures -----					
Accessioned	44.4%	2.0%			
Catalogued	51.5%	97.0%			
Inventoried	52.8%	97.0%			

* Estimated from quartile distributions (See Table D:29-B)

Number/percent missing: 38 / 13.8% (See Table D:29-A)

Table D:29-F

Average Percent of Permanent Collection for Which Records
Are Developed and Maintained for Art Museums

	Average Percentage -----	Approx- imate Median*	For Natural ** History and Living Collections -----	Average Percentage -----	Approx- imate Median*
Objects/Specimen -----					
Accessioned	91.7%	100.0%	Objects/Specimen -----		
Catalogued	72.9%	85.0%			
Inventoried	86.8%	100.0%			
			Processed	0.0%	0.0%
			Catalogued	0.0%	0.0%
			Identified	0.0%	0.0%
Lots/Populations -----					
Accessioned	34.7%	0.0%	Lots/Populations -----		
Catalogued	27.2%	0.0%			
Inventoried	32.5%	0.0%			
			Processed	0.0%	0.0%
			Catalogued	0.0%	0.0%
			Identified	0.0%	0.0%
Archival Material -----					
Accessioned	48.1%	65.0%	Sites/Structures -----		
Catalogued	27.9%	0.0%			
Inventoried	46.9%	65.0%			
			Processed	0.0%	0.0%
			Catalogued	0.0%	0.0%
			Identified	0.0%	0.0%
Books -----					
Accessioned	61.6%	90.0%	For Outdoor Collections -----		
Catalogued	45.0%	5.0%			
Inventoried	68.2%	95.0%			
			Mapped	52.7%	100.0%
Sites/Structures -----					
Accessioned	22.7%	0.0%			
Catalogued	14.4%	0.0%			
Inventoried	18.8%	0.0%			

* Estimated from quartile distributions

** Only an estimated 13 museums reported in this category
Number/percent missing: 220 / 22.2% (See Table D:29-A)

Table D:29-G

Average Percent of Permanent Collection for Which Records
Are Developed and Maintained for Children's Museums

	Average Percentage -----	Approx- imate Median* -----		Average Percentage -----	Approx- imate Median* -----
Objects/Specimen -----			For Natural History and Living Collections =====		
Accessioned	76.1%	90.0%	Objects/Specimen -----		
Catalogued	43.0%	55.0%	Processed	59.8%	80.0%
Inventoried	59.1%	80.0%	Catalogued	54.4%	30.0%
			Identified	38.0%	35.0%
Lots/Populations -----			Lots/Populations -----		
Accessioned	20.2%	0.0%	Processed	53.9%	65.0%
Catalogued	35.9%	0.0%	Catalogued	17.6%	0.0%
Inventoried	16.8%	0.0%	Identified	21.4%	0.0%
Archival Material -----			Sites/Structures ** -----		
Accessioned	45.0%	50.0%	Processed	0.0%	0.0%
Catalogued	23.8%	0.0%	Catalogued	0.0%	0.0%
Inventoried	24.7%	0.0%	Identified	0.0%	0.0%
Books -----			For Outdoor Collections ** =====		
Accessioned	41.7%	25.0%	Mapped	15.7%	0.0%
Catalogued	30.7%	20.0%			
Inventoried	27.6%	0.0%			
Sites/Structures ** -----					
Accessioned	33.6%	0.0%			
Catalogued	33.6%	0.0%			
Inventoried	33.6%	0.0%			

* Estimated from quartile distributions

** Only an estimated 3 or 4 museums reported in this category

Number/percent missing: 7 / 15.5%

Table D:29-H

Average Percent of Permanent Collection for Which Records
Are Developed and Maintained for General Museums

	Average Percentage -----	Approx- imate Median* -----		Average Percentage -----	Approx- imate Median* -----
Objects/Specimen -----			For Natural History and Living Collections =====		
Accessioned	72.4%	85.0%	Objects/Specimen -----		
Catalogued	68.4%	85.0%			
Inventoried	63.9%	75.0%	Processed	60.0%	75.0%
			Catalogued	53.3%	70.0%
			Identified	64.0%	75.0%
Lots/Populations -----					
Accessioned	17.1%	0.0%	Lots/Populations -----		
Catalogued	13.1%	0.0%			
Inventoried	31.7%	0.0%	Processed	28.4%	0.0%
			Catalogued	20.6%	0.0%
			Identified	20.6%	0.0%
Archival Material -----					
Accessioned	59.5%	80.0%	Sites/Structures -----		
Catalogued	56.3%	75.0%			
Inventoried	50.6%	65.0%	Processed	93.9%	90.0%
			Catalogued	93.9%	90.0%
			Identified	81.6%	75.0%
Books -----					
Accessioned	51.1%	50.0%			
Catalogued	56.7%	70.0%	For Outdoor Collections -----		
Inventoried	58.8%	80.0%			
			Mapped	40.4%	0.0%
Sites/Structures -----					
Accessioned	45.4%	10.0%			
Catalogued	35.5%	0.0%			
Inventoried	42.9%	0.0%			

* Estimated from quartile distributions

Number/percent missing: 186 / 26.7%

Table D:29-I

Average Percent of Permanent Collection for Which Records
Are Developed and Maintained for Historic Sites/Houses

	Average Percentage -----	Approx- imate Median* -----	For Natural History and Living Collections =====	Average Percentage -----	Approx- imate Median* -----
Objects/Specimen -----					
Accessioned	85.9%	100.0%	Objects/Specimen -----		
Catalogued	75.2%	85.0%			
Inventoried	89.3%	100.0%	Processed	51.6%	95.0%
			Catalogued	50.3%	75.0%
			Identified	50.5%	75.0%
Lots/Populations -----					
Accessioned	72.8%	95.0%	Lots/Populations ** -----		
Catalogued	63.3%	75.0%			
Inventoried	84.9%	85.0%	Processed	29.6%	0.0%
			Catalogued	30.1%	0.0%
			Identified	30.5%	0.0%
Archival Material -----					
Accessioned	71.2%	100.0%	Sites/Structures ** -----		
Catalogued	50.6%	75.0%			
Inventoried	72.0%	100.0%	Processed	36.0%	0.0%
			Catalogued	36.0%	0.0%
			Identified	36.0%	0.0%
Books -----					
Accessioned	90.1%	100.0%			
Catalogued	80.1%	90.0%	For Outdoor Collections =====		
Inventoried	94.0%	100.0%			
			Mapped	79.1%	100.0%
Sites/Structures -----					
Accessioned	94.8%	100.0%			
Catalogued	90.1%	100.0%			
Inventoried	99.8%	100.0%			

* Estimated from quartile distributions

** Number of museums is small that used natural history/living
collections for lots/populations and sites/structures

Number/percent missing: 820 of 2,057 / 39.8%
92.7% of the missing museums are small.

Table D:29-J

Average Percent of Permanent Collection for Which Records
Are Developed and Maintained for History Museums

	Average Percentage -----	Approx- imate Median*	For Natural History and Living Collections =====	Average Percentage -----	Approx- imate Median*
Objects/Specimen -----					
Accessioned	85.1%	85.0%	Objects/Specimen -----		
Catalogued	70.0%	80.0%			
Inventoried	68.7%	80.0%	Processed	41.0%	60.0%
			Catalogued	37.1%	25.0%
			Identified	35.6%	0.0%
Lots/Populations -----					
Accessioned	67.1%	75.0%	Lots/Populations ** -----		
Catalogued	51.6%	70.0%			
Inventoried	49.5%	70.0%	Processed	70.5%	70.0%
			Catalogued	69.6%	75.0%
			Identified	80.3%	85.0%
Archival Material -----					
Accessioned	74.4%	85.0%	Sites/Structures ** -----		
Catalogued	61.1%	70.0%			
Inventoried	58.9%	65.0%	Processed	90.2%	100.0%
			Catalogued	69.5%	100.0%
			Identified	90.2%	100.0%
Books -----					
Accessioned	76.3%	90.0%			
Catalogued	67.5%	85.0%	For Outdoor Collections =====		
Inventoried	59.8%	75.0%			
			Mapped	54.1%	75.0%
Sites/Structures -----					
Accessioned	77.2%	100.0%			
Catalogued	71.5%	100.0%			
Inventoried	71.6%	100.0%			

* Estimated from quartile distributions

Number/percent missing: 548 / 23.4%

Table D:29-K

Average Percent of Permanent Collection for Which Records
Are Developed and Maintained for Natural History Museums

	Average Percentage -----	Approx- imate Median*	For Natural History and Living Collections =====	Average Percentage -----	Approx- imate Median*
Objects/Specimen -----			Objects/Specimen -----		
Accessioned	80.7%	85.0%	Processed	77.5%	80.0%
Catalogued	62.7%	70.0%	Catalogued	65.8%	75.0%
Inventoried	64.1%	70.0%	Identified	73.2%	85.0%
Lots/Populations -----			Lots/Populations -----		
Accessioned	65.2%	80.0%	Processed	80.8%	85.0%
Catalogued	50.9%	50.0%	Catalogued	66.4%	70.0%
Inventoried	53.9%	65.0%	Identified	69.4%	75.0%
Archival Material -----			Sites/Structures ** -----		
Accessioned	39.2%	45.0%	Processed	46.7%	80.0%
Catalogued	21.1%	15.0%	Catalogued	46.7%	80.0%
Inventoried	35.4%	20.0%	Identified	57.7%	80.0%
Books -----			For Outdoor Collections =====		
Accessioned	72.7%	100.0%	Mapped	59.7%	100.0%
Catalogued	63.6%	80.0%			
Inventoried	54.5%	90.0%			
Sites/Structures ** -----					
Accessioned	58.5%	100.0%			
Catalogued	35.9%	0.0%			
Inventoried	35.9%	0.0%			

* Estimated from quartile distributions

** Only an estimated 8 to 10 museums reported in these categories
Number/percent missing: 55 / 23.4% (See Table D:29-A)

Table D:29-L

Average Percent of Permanent Collection for Which Records
Are Developed and Maintained for Nature Centers

	Average Percentage -----	Approx- imate Median*		Average Percentage -----	Approx- imate Median*
Objects/Specimen -----			For Natural History and Living Collections -----		
Accessioned	22.0%	0.0%	Objects/Specimen -----		
Catalogued	28.1%	15.0%	Processed	51.8%	75.0%
Inventoried	30.8%	10.0%	Catalogued	46.1%	65.0%
			Identified	56.1%	60.0%
Lots/Populations -----			Lots/Populations -----		
Accessioned	0.0%	0.0%	Processed	63.1%	80.0%
Catalogued	0.0%	0.0%	Catalogued	34.9%	5.0%
Inventoried	0.0%	0.0%	Identified	50.8%	70.0%
Archival Material -----			Sites/Structures -----		
Accessioned	5.1%	0.0%	Processed	55.6%	95.0%
Catalogued	0.0%	0.0%	Catalogued	32.0%	5.0%
Inventoried	5.1%	0.0%	Identified	44.3%	55.0%
Books -----			For Outdoor Collections -----		
Accessioned	28.6%	0.0%	Mapped	74.3%	100.0%
Catalogued	28.6%	0.0%			
Inventoried	28.6%	0.0%			
Sites/Structures -----					
Accessioned	11.5%	0.0%			
Catalogued	11.5%	0.0%			
Inventoried	0.0%	0.0%			

* Estimated from quartile distributions

Number/percent missing: 130 / 57.6% (See Table D:29-A)
81% of nonrespondents are small

Table D:29-M

Average Percent of Permanent Collection for Which Records
Are Developed and Maintained for Planetariums

	Average Percentage -----	Approx- imate Median*	For Natural ** History and Living Collections =====	Average Percentage -----	Approx- imate Median*
Objects/Specimen -----					
Accessioned	56.7%	65.0%	Objects/Specimen -----		
Catalogued	54.4%	55.0%	Processed	0.0%	0.0%
Inventoried	38.6%	30.0%	Catalogued	0.0%	0.0%
			Identified	0.0%	0.0%
Lots/Populations -----					
Accessioned	31.0%	0.0%	Lots/Populations -----		
Catalogued	57.9%	100.0%	Processed	0.0%	0.0%
Inventoried	100.0%	0.0%	Catalogued	0.0%	0.0%
			Identified	0.0%	0.0%
Archival Material -----					
Accessioned	67.9%	45.0%	Sites/Structures -----		
Catalogued	62.8%	45.0%	Processed	0.0%	0.0%
Inventoried	29.9%	0.0%	Catalogued	0.0%	0.0%
			Identified	0.0%	0.0%
Books -----					
Accessioned	43.4%	40.0%	For Outdoor Collections =====		
Catalogued	37.5%	35.0%	Mapped	62.0%	100.0%
Inventoried	16.8%	0.0%			
Sites/Structures -----					
Accessioned	72.5%	100.0%			
Catalogued	72.5%	100.0%			
Inventoried	72.5%	100.0%			

* Estimated from quartile distributions

** Only an estimated 4 museums answered categories in Natural History Collections
Number/percent missing: 4 / 11.6% (See Table D:29-A)

Table D:29-N

Average Percent of Permanent Collection for Which Records
Are Developed and Maintained for Science Museums

	Average Percentage -----	Approx- imate Median* -----	For Natural History and Living Collections =====	Average Percentage -----	Approx- imate Median* -----
Objects/Specimen -----					
Accessioned	79.2%	80.0%	Objects/Specimen -----		
Catalogued	50.8%	65.0%	-----		
Inventoried	66.5%	75.0%	Processed	82.2%	95.0%
			Catalogued	63.6%	80.0%
			Identified	77.5%	80.0%
Lots/Populations -----					
Accessioned	83.4%	100.0%	Lots/Populations **		
Catalogued	67.3%	80.0%	-----		
Inventoried	79.9%	100.0%	Processed	86.0%	100.0%
			Catalogued	37.9%	10.0%
			Identified	58.7%	75.0%
Archival Material -----					
Accessioned	62.2%	80.0%	Sites/Structures **		
Catalogued	47.4%	60.0%	-----		
Inventoried	69.2%	85.0%	Processed	42.2%	0.0%
			Catalogued	42.2%	0.0%
			Identified	42.2%	0.0%
Books -----					
Accessioned	74.5%	100.0%	For Outdoor Collections =====		
Catalogued	47.4%	40.0%			
Inventoried	74.6%	100.0%	Mapped	55.5%	100.0%
Sites/Structures -----					
Accessioned	71.1%	100.0%			
Catalogued	49.9%	80.0%			
Inventoried	49.9%	80.0%			

* Estimated from quartile distributions

** Only an estimated 5 or 7 museums answered categories in these categories

Number / Percent Missing: 64 / 39.2% (See Table D:29-A)

77.4% of the missing museums are 'small'

Table D:29-O

Average Percent of Permanent Collection for Which Records
Are Developed and Maintained for Specialized Museums

	Average Percentage -----	Approx- imate Median* -----	For Natural History and Living Collections -----	Average Percentage -----	Approx- imate Median* -----
Objects/Specimen -----					
Accessioned	76.8%	85.0%	Objects/Specimen ** -----		
Catalogued	54.7%	50.0%			
Inventoried	73.9%	90.0%			
			Processed	0.0%	0.0%
			Catalogued	3.5%	0.0%
			Identified	31.6%	0.0%
Lots/Populations -----					
Accessioned	25.5%	20.0%	Lots/Populations ** -----		
Catalogued	16.5%	20.0%			
Inventoried	52.0%	80.0%			
			Processed	0.0%	100.0%
			Catalogued	0.0%	10.0%
			Identified	0.0%	75.0%
Archival Material -----					
Accessioned	55.0%	75.0%	Sites/Structures ** -----		
Catalogued	24.9%	20.0%			
Inventoried	31.9%	30.0%			
			Processed	0.0%	0.0%
			Catalogued	0.0%	0.0%
			Identified	0.0%	0.0%
Books -----					
Accessioned	61.9%	75.0%	For Outdoor Collections -----		
Catalogued	49.9%	25.0%			
Inventoried	57.1%	75.0%			
			Mapped	86.9%	100.0%
Sites/Structures -----					
Accessioned	45.5%	0.0%			
Catalogued	40.4%	0.0%			
Inventoried	40.4%	0.0%			

* Estimated from quartile distributions

** Only an estimated 10 or 14 museums answered categories in these categories

Number/percent missing: 150 / 34.7% (See Table D:29-A)

74.7% of the missing museums are 'small'

Table D:29-P

Average Percent of Permanent Collection for Which Records
Are Developed and Maintained for Zoos

	Average Percentage -----	Approx- imate Median*		Average Percentage -----	Approx- imate Median*
Objects/Specimen -----			For Natural History and Living Collections =====		
Accessioned	98.1%	100.0%	Objects/Specimen -----		
Catalogued	96.6%	100.0%	Processed	94.2%	100.0%
Inventoried	98.9%	100.0%	Catalogued	94.4%	100.0%
			Identified	96.7%	100.0%
Lots/Populations -----			Lots/Populations -----		
Accessioned	95.3%	100.0%	Processed	95.2%	100.0%
Catalogued	86.2%	100.0%	Catalogued	91.5%	100.0%
Inventoried	95.9%	100.0%	Identified	93.6%	100.0%
Archival Material ** -----			Sites/Structures -----		
Accessioned	9.4%	0.0%	Processed	99.9%	100.0%
Catalogued	7.8%	0.0%	Catalogued	98.3%	100.0%
Inventoried	23.4%	0.0%	Identified	100.0%	100.0%
Books ** -----			For Outdoor Collections =====		
Accessioned	70.4%	100.0%	Mapped	88.2%	100.0%
Catalogued	70.4%	100.0%			
Inventoried	70.4%	100.0%			
Sites/Structures ** -----					
Accessioned	100.0%	100.0%			
Catalogued	100.0%	100.0%			
Inventoried	100.0%	100.0%			

* Estimated from quartile distributions

** Only an estimated 4, 6 or 9 museums answered categories in these categories
Number/percent missing: 10 / 7.2% (See Table D:29-A)

Table D:32-A

Response Rate to Question 32: Percentage Change in Size in Permanent Collection by Type and Size

Museum Type	Number Museums	Number with Permanent Collection (Q27)	Number with Perm Collect No Response to Q32	Percent with Perm Collect No Response to Q32	Percent of Nonresponse Represented by Small
Aquarium	20	16	2	14.3%	79.0%
Arbor/Bot Gard	318	275	83	30.2%	71.8%
Art	1,214	989	281	28.4%	83.6%
Children's	64	44	12	27.1%	52.1%
General	704	695	276	39.8%	73.8%
Historic Site	2,084	2,057	864	42.0%	91.8%
History Museum	2,401	2,344	690	29.4%	99.4%
Natural History	252	235	67	28.7%	58.6%
Nature Center	298	225	148	65.8%	82.6%
Planetarium	39	33	4	11.6%	67.5%
Science	184	164	60	36.6%	84.6%
Specialized	470	432	143	33.1%	80.2%
Zoo	133	133	24	17.7%	56.2%
Total	8,179	7,642	2,655	34.7%	86.8%
Museum Size					
Large	595	541	100	18.4%	
Medium	992	949	225	23.8%	
Small	6,591	6,152	2,330	37.9%	
Total	8,179	7,642	2,655	34.7%	

Table D:32-B

Net Change In Size of Permanent Collection
All Museums

Quartile Values	Net Change FY86-87	Net Change FY87-88
100% Maximum	140%	500%
75% Q3	5%	5%
50% Median	2%	2%
25% Q1	0%	0%
0% Minimum	-51%	-78%
Average	4.3%	5.4%
Number Reporting		
>0	3,592	3,607
=0	1,317	1,269
<0	109	108
Percent Reporting		
>0	71.6%	72.4%
=0	26.2%	25.5%
<0	2.2%	2.2%
Number Reporting	5,018	4,984
Percent reporting	65.7%	65.2%
(based on 7,642 museums that had a permanent collection: see Table D:26-A or D:32-A)		
Number reporting no change (marked check box)	935	

Table D:33-A

Response Rate to Question 33: Number of Objects Loaned and Loan Transactions by Museum Type and Size

Museum Type	Number Museums	Number with No Response	Percent with No Response	Percent of Nonresponse Represented by Small
Aquarium	20	9	44.4%	100.0%
Arbor/Bot Gard	318	176	55.3%	73.3%
Art	1,214	459	37.8%	84.8%
Children's	64	29	45.7%	59.6%
General	704	285	40.5%	84.5%
Historic Site	2,084	1,029	49.4%	93.0%
History Museum	2,401	729	30.4%	98.3%
Natural History	252	85	33.7%	67.5%
Nature Center	298	210	70.5%	81.7%
Planetarium	39	11	29.3%	73.6%
Science	184	86	46.7%	83.9%
Specialized	470	170	36.2%	83.1%
Zoo	133	16	11.7%	50.5%
Total	8,179	3,294	40.3%	88.6%
Museum Size				
Large	595	140	23.6%	
Medium	992	236	23.8%	
Small	6,591	2,917	44.3%	
Total	8,179	3,294	40.3%	

Table D:33-B

Number of Objects Loaned and Transactions by Type and Size

Museum Type	Number That Answer Q33	Number of Objects Loaned to:				Number of Loan Transactions to:				Average Number of Objects per Loan Transaction to *:		
		Mus-eums	Other Instlts	Sub-total	Outside U.S.	Mus-eums	Other Insts	Sub-total	Outside U.S.	Mus-eums	Other Insts	Outside U.S.
Aquarium	11	421	405	826	8	40	51	91	2	10.5	7.9	4.0
Arbor/Bot Gard	142	34	73,749	73,783	28,996	1	2,315	2,317	1,097	3.0	40.4	45.2
Art	755	27,725	17,026	44,751	6,742	5,242	2,166	7,407	1,129	5.4	8.0	6.5
Children's	35	559	831	1,391	6	43	61	104	1	13.2	13.4	3.0
General	419	19,844	33,663	53,506	390	7,459	1,966	9,426	77	2.4	17.6	4.8
Historic Site	1,055	18,408	2,547	20,955	68	1,708	1,009	2,717	21	11.3	3.7	3.3
History Museum	1,672	31,727	20,895	52,622	912	3,948	2,850	6,797	53	8.2	6.2	15.7
Natural History	167	91,194	48,594	139,789	42,959	5,501	4,151	9,652	548	39.1	31.9	105.8
Nature Center	88	43	200	243	0	8	75	83	0	2.0	4.0	#NUM!
Planetarium	27	27	58	84	0	7	15	22	0	7.7	5.0	#NUM!
Science	98	3,331	4,299	7,630	2,024	472	350	823	61	8.9	7.0	12.0
Speclalized	300	10,864	6,088	16,952	1,053	1,057	685	1,742	37	10.3	9.1	38.9
Zoo	118	1,111	2,357	3,468	107	661	1,728	2,390	74	1.7	1.3	1.3
Total	4,886	205,289	210,711	416,000	81,285	26,147	17,423	43,570	3,099	8.9	15.5	34.0
Museum Size												
Large	455	69,570	143,583	213,153	66,224	16,050	9,837	25,887	2,591	4.9	21.3	35.7
Medlum	757	72,276	25,401	97,678	7,656	3,957	3,179	7,136	223	19.2	8.5	35.2
Small	3,674	63,443	41,727	105,170	7,386	6,141	4,407	10,547	285	11.7	9.8	21.4
Total	4,886	205,289	210,711	416,000	81,285	26,147	17,423	43,570	3,099	8.9	15.5	34.0

NUM! occurs when denominator = 0

*Averages calculated from only those that responded to both objects and transactions

Table D:44-A

Museums with Collection Used by Outsiders for Research
by Type and by Size

Museum Type	Number with Collection Used	Percent of Responding Museums	Number with No Response	Percent with No Response	Total Number Museums
Aquarium	16	88.9%	2	11.3%	20
Arbor/Bot Gard	101	44.1%	90	28.2%	318
Art	424	54.4%	436	35.9%	1,214
Children's	8	16.6%	15	24.0%	64
General	288	63.1%	247	35.1%	704
Historic Site	557	45.1%	848	40.7%	2,084
History Museum	1,102	65.2%	711	29.6%	2,401
Natural History	148	81.2%	69	27.3%	252
Nature Center	53	39.7%	163	54.9%	298
Planetarium	17	54.5%	7	18.5%	39
Science	66	59.2%	73	39.5%	184
Specialized	252	81.4%	161	34.2%	470
Zoo	81	64.2%	8	5.9%	133
Total	3,112	58.2%	2,829	34.6%	8,179
Size					
Large	406	83.4%	108	18.2%	595
Medium	509	65.1%	211	21.2%	992
Small	2,197	53.8%	2,510	38.1%	6,591
Total	3,112	58.2%	2,829	34.6%	8,179
Total Reporting	5,350				

Table D:44-B

Museums with Collection Used by Outsiders for Research
by Type for Large and Medium Size

Museum Type	Number with Collection Used	Percent of Responding Museums	Number with No Response	Percent with No Response	Total Number Museums
Aquarium	8	100.0%	1	13.9%	9
Arbor/Bot Gard	38	50.3%	32	29.9%	107
Art	259	81.4%	80	20.2%	398
Children's	4	16.5%	4	13.0%	28
General	138	85.1%	42	20.5%	204
Historic Site	78	49.2%	63	28.5%	222
History Museum	154	77.2%	11	5.3%	211
Natural History	79	84.4%	21	18.1%	114
Nature Center	21	56.3%	31	45.2%	68
Planetarium	3	39.2%	5	40.1%	13
Science	16	45.4%	6	14.3%	40
Specialized	58	73.3%	15	16.2%	95
Zoo	60	84.8%	8	10.1%	78
Total	915	72.2%	319	20.1%	1,588
Total Reporting	1,269	79.9%			

Table D:44-C

Number of Museums Whose Collections Were Used for Research
by Governing Authority

Type of Governing Authority	Number of Museums	Percent of Responding Museums	Number with No Response	Percent with No Response	Total Number Museums
Municipal	205	60.9%	267	44.2%	603
County/Regional	250	55.7%	221	33.0%	670
State	243	39.7%	302	33.0%	914
Federal	317	84.0%	222	37.0%	599
Pub Educ Institutions	311	71.9%	159	26.9%	592
Subtotal All Public Museums	1,326	60.1%	1,170	34.6%	3,378
Private Nonprofit	1,626	55.5%	1,565	34.8%	4,493
Other Private	162	77.9%	88	29.7%	296
Subtotal All Private Museums	1,788	57.0%	1,653	34.5%	4,789
Total All Museums	3,114	58.3%	2,823	34.6%	8,167 *

Number missing from governing authority = 12
See Table D:44-A for missing analysis

Table D: 44/45-A

Number of Research Visits Using Collection and
Number Research Findings Published by Size of Museum

Data Item and Size of Museum	Total Number	Percent of Total	Average Number	Number Museums Reporting	Percent of size Reporting
Question 44B					
Number of Research Visits Using Collection					
Large	131,530	47.9%	270.1	487	81.8%
Medium	35,320	12.9%	45.2	782	78.8%
Small	107,767	39.2%	26.4	4,081	61.9%
Total	274,617	100.0%	51.3	5,350	65.4%
Question 45A					
Research Findings Published In-House					
Large	2,553	25.0%	5.6	460	77.3%
Medium	1,143	11.2%	1.5	775	78.1%
Small	6,536	63.9%	1.7	3,907	59.3%
Total	10,232	100.0%	2.0	5,142	62.9%
Question 45B					
Research Findings Published Not In-house					
Large	5,253	52.1%	11.4	460	77.3%
Medium	1,181	11.7%	1.5	775	78.1%
Small	3,657	36.2%	0.9	3,907	59.3%
Total	10,091	100.0%	2.0	5,142	62.9%

Question 44B - Number/percent missing: 3,031 / 37%

Question 45: 2,850 museums (35%) checked no findings published. This is equivalent to "0" for both 45A and 45B.

Number/percent missing: 3,037 / 37%

Table D:44/45-B

Number of Research Visits Using Collection and
Number of Research Findings Published

Data Item and Type of Museum	Total Number	Percent of Total	Average Number	Number Museums Reporting	Percent Museums Reporting
Question 44B					
Number of Researchers Using Collection					
Aquarium	71	0.0%	4.0	18	88.7%
Arboretum/Bot Garden	4,932	1.8%	21.4	230	72.4%
Art	18,168	6.6%	23.3	778	64.1%
Children's	40	0.0%	0.8	48	76.0%
General	26,625	9.7%	58.3	456	64.9%
Historic Site	25,452	9.3%	20.6	1,236	59.3%
History Museum	142,280	51.8%	84.2	1,690	70.4%
Natural History	31,211	11.4%	170.7	183	72.7%
Nature Center	131	0.0%	1.0	134	45.1%
Planetarium	148	0.1%	4.7	31	81.5%
Science	3,140	1.1%	28.3	111	60.5%
Specialized	21,678	7.9%	70.1	309	65.8%
Zoo	740	0.3%	5.9	126	94.1%
Total	274,617	100.0%	51.3	5,352	65.4%
Question 45A					
Research Published In-House					
Aquarium	45	0.4%	2.5	18	88.7%
Arboretum/Bot Garden	431	4.2%	2.2	192	60.4%
Art	1,288	12.6%	1.6	783	64.5%
Children's	3	0.0%	0.1	51	79.3%
General	1,986	19.4%	4.4	453	64.4%
Historic Site	830	8.1%	0.7	1,180	56.6%
History Museum	3,854	37.7%	2.4	1,606	66.9%
Natural History	771	7.5%	4.3	178	70.8%
Nature Center	206	2.0%	1.6	128	43.1%
Planetarium	35	0.3%	1.2	29	76.1%
Science	94	0.9%	0.9	108	58.7%
Specialized	382	3.7%	1.3	294	62.5%
Zoo	308	3.0%	2.5	122	91.8%
Total	10,233	100.0%	2.0	5,142	62.9%
Question 45B					
Research Published Not In-House					
Aquarium	47	0.5%	2.6	18	88.7%
Arboretum/Bot Garden	901	8.9%	4.7	192	60.4%
Art	1,594	15.8%	2.0	783	64.5%
Children's	18	0.2%	0.4	51	79.3%
General	756	7.5%	1.7	453	64.4%
Historic Site	1,014	10.1%	0.9	1,180	56.6%
History Museum	2,302	22.8%	1.4	1,606	66.9%
Natural History	1,959	19.4%	11.0	178	70.8%
Nature Center	60	0.6%	0.5	128	43.1%
Planetarium	13	0.1%	0.4	29	76.1%
Science	360	3.6%	3.3	108	58.7%
Specialized	544	5.4%	1.9	294	62.5%
Zoo	521	5.2%	4.3	122	91.8%
Total	10,091	100.0%	2.0	5,142	62.9%

Question 45: 2,850 museums (35%) checked no findings published. This is equivalent to "0" for both 45-A and 45-B.

Table D:44/45-C

Number of Research Visits Using Collection and
Number of Research Findings Published
by Governing Authority

Data Item & Governing Authority of Museum	Total Number	Percent of Total	Average Number	Number Museums Reporting	Percent * Museums Reporting	Total Museums	Number No Resp
Question 44B: Number of Research Visits Using Collection							
Municipal	1,958	0.7%	5.8	336	55.7%	603	267
County/Regional	5,854	2.1%	13.0	449	67.0%	670	221
State	24,167	8.8%	39.5	612	67.0%	914	302
Federal	51,201	18.6%	135.8	377	62.9%	599	222
Pub Educ Institutions	11,529	4.2%	26.7	432	73.0%	592	160
Private Nonprofit	163,345	59.5%	55.8	2,928	65.2%	4,493	1,565
Other Private	16,520	6.0%	79.4	208	70.3%	296	88
Total	274,573 *	100.0%	51.4	5,342	65.4%	8,167	2,825
Question 45A: Research Findings Published In-House							
Municipal	248	2.4%	0.7	339	56.3%	603	264
County/Regional	709	6.9%	1.7	414	61.7%	670	256
State	509	5.0%	0.9	551	60.3%	914	363
Federal	1,976	19.3%	5.3	373	62.2%	599	226
Pub Educ Institutions	702	6.9%	1.7	413	69.8%	592	179
Private Nonprofit	5,739	56.1%	2.0	2,862	63.7%	4,493	1,631
Other Private	345	3.4%	1.9	184	62.0%	296	112
Total	10,228 *	100.0%	2.0	5,136	62.9%	8,167	3,031
Question 45B: Research Findings Published Not In-House							
Municipal	311	3.1%	0.9	339	56.3%	603	264
County/Regional	393	3.9%	0.9	414	61.7%	670	256
State	515	5.1%	0.9	551	60.3%	914	363
Federal	2,556	25.3%	6.9	373	62.2%	599	226
Pub Educ Institutions	1,312	13.0%	3.2	413	69.8%	592	179
Private Nonprofit	4,694	46.5%	1.6	2,862	63.7%	4,493	1,631
Other Private	306	3.0%	1.7	184	62.0%	296	112
Total	10,087 *	100.0%	2.0	5,136	62.9%	8,167	3,031

Question 45: 2,938 museums (36%) checked no findings published.

* Since 12 museums did not report governing authority, totals do not match Tables D:44/45-A or D:44/45-B.

Table E:46-A

Number of Weeks Open by Type

Museum Type	<-Open 52 Weeks->		<-----Open 1-51 Weeks----->			<--Open Only with--> Special Arrangement	
	Number Museums	Percent of Type	Number Museums	Percent of Type	Avg Number Weeks Open	Number Museums	Percent of Type
Aquarium	20	100.0%	0	0.0%	--	0	0.0%
Arbor/Bot Gard	223	70.2%	95	29.8%	38.3	0	0.0%
Art	614	50.6%	591	48.7%	40.9	9	0.8%
Children's	36	57.0%	26	40.7%	49.2	1	2.3%
General	391	56.0%	308	44.0%	36.6	0	0.0%
Historic Site	1,269	60.9%	815	39.1%	32.7	0	0.0%
History Museum	1,406	59.4%	955	40.4%	34.5	4	0.2%
Natural History	173	68.7%	74	29.2%	39.0	5	2.0%
Nature Center	229	77.0%	62	20.9%	37.1	6	2.1%
Planetarium	24	57.9%	17	42.1%	37.6	0	0.0%
Science	106	57.9%	76	41.2%	32.5	2	0.9%
Specialized	338	72.6%	113	24.3%	37.1	15	3.1%
Zoo	112	83.7%	22	16.3%	32.3	0	0.0%
Total	4,941	60.7%	3,154	38.8%	37.3	42	0.5%

Number/percent missing: 42 / 0.5%

Table E:46-B

Number of Weeks Open by Governing Authority

Governing Authority	<-Open 52 Weeks->		<-----Open 1-51 Weeks----->			<-Open Only with-> Special Arrangement	
	Number Museums	Percent of Type	Number Museums	Percent of Type	Avg Number Weeks Open	Number Museums	Percent of Type
Municipal	410	68.0%	193	32.0%	39.6	0	0.0%
County/Regional	452	67.5%	218	32.5%	34.3	0	0.0%
State	656	71.8%	251	27.5%	36.3	6	0.7%
Federal	530	88.4%	67	11.2%	32.4	3	0.4%
Pub Educ Institutions	249	42.1%	339	57.3%	40.25	4	0.7%
-----			-----			-----	
Subtotal All Public Museums	2,296	68.0%	1,069	31.6%	38.36	13	0.4%
Private Nonprofit	2,469	55.0%	1,973	43.9%	36.81	15	0.3%
Other Private	170	57.3%	108	36.3%	36.74	14	4.8%
-----			-----			-----	
Subtotal All Public Museums	2,639	55.1%	2,080	43.4%	36.8	29	0.6%
Total All Museums	4,935	60.4%	3,149	38.6%	37.3	42	0.5%
Number/percent missing: 42 / 0.5%							

Table E:46-C

Number of Museums with Hours Open to the Public
without Special Arrangement

Museum Type	Number Open Over 50 Hours	Percent of Type Open > 50 Hrs	Number Open 31 - 50 Hours	Percent of Type Open 31-50 Hrs	Number 30 & Under Hours	Percent of Type Open 30 & Under Hrs
Aquarium	16	80.3%	3	14.8%	1	4.9%
Arbor/Bot Gard	203	74.6%	20	7.4%	49	18.1%
Art	77	6.6%	729	62.4%	361	31.0%
Children's	3	5.8%	38	67.0%	15	27.2%
General	198	29.6%	233	34.7%	238	35.6%
Historic Site	681	34.5%	805	40.8%	489	24.8%
History Museum	342	14.5%	908	38.5%	1,110	47.0%
Natural History	85	35.3%	108	44.7%	48	20.0%
Nature Center	117	40.0%	122	41.8%	53	18.2%
Planetarium	10	25.6%	15	36.1%	16	38.3%
Science	43	23.4%	99	53.9%	42	22.7%
Specialized	66	15.4%	264	61.2%	101	23.4%
Zoo	64	47.8%	50	37.8%	19	14.4%
Total	1,906	24.3%	3,393	43.3%	2,543	32.4%

Number/percent missing: 337 of 8,093 / 4.16%

Table E:47-A

Total and Average Attendance by Year by Museum Type

Museum Type	Total Attendance	Total Attendance	Total Attendance	Percent Change	Percent Change
	1986	1987	1988	'86-87	'87-88
Aquarium	11,792,993	12,758,139	13,535,139	8.2%	6.1%
Arbor/Bot Gard	26,272,688	25,920,989	26,101,003	-1.3%	0.7%
Art	70,326,540	72,463,226	75,919,820	3.0%	4.8%
Children's	6,313,086	6,827,156	7,365,194	8.1%	7.9%
General	26,477,461	28,349,860	32,087,102	7.1%	13.2%
Historic Site	100,788,333	107,966,790	111,026,503	7.1%	2.8%
History Museum	69,319,933	73,511,598	71,806,908	6.0%	-2.3%
Natural History	44,283,220	47,120,573	50,794,878	6.4%	7.8%
Nature Center	19,705,229	20,614,016	21,839,796	4.6%	5.9%
Planetarium	5,637,338	5,870,130	6,111,685	4.1%	4.1%
Science	38,278,737	40,512,693	45,573,886	5.8%	12.5%
Specialized	19,643,434	20,783,479	22,516,376	5.8%	8.3%
Zoo	76,431,498	78,228,476	81,164,748	2.4%	3.8%
Total	515,270,490	540,927,124	565,843,039	5.0%	4.6%
	Average Attendance	Average Attendance	Average Attendance		
	1986	1987	1988		
Aquarium	581,509	629,100	667,413	8.2%	6.1%
Arbor/Bot Gard	82,621	81,515	82,081	-1.3%	0.7%
Art	57,930	59,690	62,537	3.0%	4.8%
Children's	99,091	107,160	115,605	8.1%	7.9%
General	37,630	40,291	45,602	7.1%	13.2%
Historic Site	48,365	51,809	53,277	7.1%	2.8%
History Museum	28,872	30,618	29,908	6.0%	-2.3%
Natural History	176,041	187,321	201,928	6.4%	7.8%
Nature Center	66,194	69,247	73,364	4.6%	5.9%
Planetarium	146,310	152,352	158,621	4.1%	4.1%
Science	208,501	220,669	248,237	5.8%	12.5%
Specialized	41,804	44,231	47,918	5.8%	8.3%
Zoo	572,778	586,245	608,249	2.4%	3.8%
Average: All Museums	62,998	66,135	69,181	5.0%	4.6%

Figures weighted for missing data : 1986: 227 / 2.8%
 Number/percent missing per year: : 1987: 133 / 1.6%
 1988: 60 0.7%

Table E:47-B

Median Attendance by Year by Museum Type

	Median Attendance 1986	Median Attendance 1987	Median Attendance 1988	Percent Change '86-87	Percent Change '87-88
Aquarium	378,319	476,454	560,375	25.9%	17.6%
Arbor/Bot Gard	100,000	70,000	70,000	-30.0%	0.0%
Art	58,192	58,608	60,000	0.7%	2.4%
Children's	40,124	51,000	64,000	27.1%	25.5%
General	55,226	53,363	53,000	-3.4%	-0.7%
Historic Site	27,702	30,000	32,187	8.3%	7.3%
History Museum	18,956	18,580	21,857	-2.0%	17.6%
Natural History	47,500	45,752	56,470	-3.7%	23.4%
Nature Center	25,000	26,595	29,199	6.4%	9.8%
Planetarium	30,654	33,000	35,500	7.7%	7.6%
Science	75,000	80,005	94,343	6.7%	17.9%
Specialized	16,250	17,260	17,974	6.2%	4.1%
Zoo	460,000	471,940	482,006	2.6%	2.1%
Median: All Museums	43,090	46,649	50,000	8.3%	7.2%

Number missing: see Table E:47-A

Table E:47-C

Total, Average, Median Attendance by Year by Size

Size of Museum	Total Attendance 1986	Total Attendance 1987	Total Attendance 1988	Percent Change '86-87	Percent Change '87-88
Large	240,857,610	254,139,479	266,277,813	5.5%	4.8%
Medium	122,837,788	128,791,661	131,480,373	4.8%	2.1%
Small	151,575,091	157,995,982	168,084,853	4.2%	6.4%
Total All Museums	515,270,490	540,927,123	565,843,039	5.0%	4.6%

Size of Museum	Average Attendance 1986	Average Attendance 1987	Average Attendance 1988	Percent Change '86-87	Percent Change '87-88
Large	404,606	426,917	447,308	5.5%	4.8%
Medium	123,775	129,774	132,483	4.8%	2.1%
Small	22,996	23,970	25,501	4.2%	6.4%
All Museums	62,998	66,135	69,181	5.0%	4.6%

Size of Museum	Median Attendance 1986	Median Attendance 1987	Median Attendance 1988	Percent Change '86-87	Percent Change '87-88
Large	191,129	219,736	233,162	15.0%	6.1%
Medium	73,250	75,000	82,000	2.4%	9.3%
Small	12,000	14,000	15,000	16.7%	7.1%
All Museums	43,090	46,649	50,000	8.3%	7.2%

Figures weighted for missing data.
See note on Table E:47-A

Table E:47-D
Attendance by Type and Size (Figures Weighted for Nonresponse)

		Large	Medium	Small	Total	Percent Change '86-87	Percent Change '87-88
Aquarium	'86	6,846,306	1,888,387	3,058,300	11,792,993	8.2%	6.1%
	'87	7,167,326	1,978,916	3,611,897	12,758,139		
	'88	7,374,021	2,043,037	4,118,081	13,535,139		
Arbor/BotG	'86	8,748,434	12,410,504	5,113,749	26,272,688	-1.3%	0.7%
	'87	8,245,876	12,506,402	5,168,711	25,920,989		
	'88	8,131,030	12,622,188	5,347,785	26,101,003		
Art	'86	49,129,493	9,133,403	12,063,644	70,326,540	3.0%	4.8%
	'87	50,211,347	8,958,079	13,293,800	72,463,226		
	'88	51,671,627	10,551,000	13,697,192	75,919,820		
Children's	'86	3,118,032	1,891,244	1,303,809	6,313,086	8.1%	7.9%
	'87	3,288,795	2,056,384	1,481,978	6,827,156		
	'88	3,462,816	2,177,629	1,724,749	7,365,194		
General	'86	16,914,689	6,609,017	2,953,755	26,477,461	7.1%	13.2%
	'87	18,361,080	6,921,000	3,067,780	28,349,860		
	'88	19,689,188	9,138,841	3,259,073	32,087,102		
Historic Site	'86	19,296,693	24,275,634	57,216,006	100,788,333	7.1%	2.8%
	'87	22,401,913	26,427,031	59,137,846	107,966,790		
	'88	21,431,177	27,680,797	61,914,530	111,026,503		
Hist Museum	'86	18,684,638	20,195,815	30,439,480	69,319,933	6.0%	-2.3%
	'87	21,620,540	20,119,532	31,771,526	73,511,598		
	'88	22,112,385	16,060,005	33,634,518	71,806,908		
Nat History	'86	31,433,803	7,269,609	5,579,808	44,283,220	6.4%	7.8%
	'87	32,943,136	7,939,697	6,237,740	47,120,573		
	'88	34,956,958	8,635,804	7,202,116	50,794,878		
Nature Ctr	'86	436,375	11,188,937	8,079,917	19,705,229	4.6%	5.9%
	'87	469,915	11,593,721	8,550,380	20,614,016		
	'88	503,455	11,821,185	9,515,157	21,839,796		
Planetarium	'86	837,821	4,209,046	590,472	5,637,338	4.1%	4.1%
	'87	798,318	4,420,163	651,649	5,870,130		
	'88	857,030	4,506,847	747,808	6,111,685		
Science	'86	24,382,115	6,157,137	7,739,485	38,278,737	5.8%	12.5%
	'87	25,962,906	7,262,786	7,287,001	40,512,693		
	'88	30,262,903	7,207,525	8,103,458	45,573,886		
Specialized	'86	10,648,387	1,469,890	7,525,157	19,643,434	5.8%	8.3%
	'87	11,097,547	1,606,169	8,079,763	20,783,479		
	'88	12,064,643	2,015,055	8,436,678	22,516,376		
Zoo	'86	50,380,826	16,139,164	9,911,508	76,431,498	2.4%	3.8%
	'87	51,570,782	17,001,782	9,655,912	78,228,476		
	'88	53,760,579	17,020,460	10,383,709	81,164,748		
TOTAL	'86	240,857,610	122,837,788	151,575,091	515,270,490	5.0%	4.6%
	'87	254,139,479	128,791,661	157,995,982	540,927,123		
	'88	266,277,813	131,480,373	168,084,853	565,843,039		
% change '86-87		5.5%	4.8%	4.2%	5.0%		
% change '87-88		4.8%	2.1%	6.4%	4.6%		

Table E:47-E
Median Attendance by Type and Size

		Large	Medium	Small
Aquarium	'86	1,158,213	477,000	343,450
	'87	1,260,920	475,700	392,184
	'88	1,382,173	494,900	448,895
Arbor/Bot Gar	'86	397,588	70,000	2,800
	'87	398,474	70,000	2,800
	'88	374,166	70,000	4,000
Art	'86	116,086	23,776	8,776
	'87	115,165	27,627	10,000
	'88	118,414	25,712	10,648
Children's	'86	247,629	82,734	21,173
	'87	278,427	84,000	28,872
	'88	256,507	84,868	34,291
General	'86	137,575	30,000	2,000
	'87	157,565	32,514	2,000
	'88	166,786	36,000	2,050
Historic Site	'86	100,000	80,000	16,017
	'87	100,000	83,000	17,448
	'88	100,000	85,000	15,360
Hist Museum	'86	150,000	80,000	5,120
	'87	148,000	94,327	4,650
	'88	159,119	95,746	5,920
Nat History	'86	169,835	48,003	10,500
	'87	200,460	44,123	12,087
	'88	230,170	63,776	15,000
Nature Ctr	'86	169,138	60,704	20,000
	'87	182,138	69,285	23,890
	'88	195,138	60,080	25,000
Planetarium	'86	716,086	63,036	17,000
	'87	682,323	69,305	21,263
	'88	732,504	76,051	24,159
Science	'86	639,915	157,836	15,651
	'87	672,855	251,288	14,099
	'88	732,341	215,000	28,000
Specialized	'86	99,909	30,000	15,000
	'87	97,624	35,000	15,000
	'88	135,205	70,000	17,000
Zoo	'86	917,000	390,000	200,000
	'87	911,663	434,494	150,000
	'88	900,000	400,395	175,462
TOTAL	'86	5,018,974	1,593,089	677,487
	'87	5,205,614	1,770,663	694,293
	'88	5,482,523	1,777,528	805,785

Table E:47-F

Total and Average Attendance by Year by Governing Authority

Governing Authority	Total Attendance 1986	Total Attendance 1987	Total Attendance 1988	Percent Change '86-87	Percent Change '86-87
Municipal	61,795,294	63,638,063	59,977,202	3.0%	-5.8%
County/Regional	48,070,758	49,193,040	50,568,129	2.3%	2.8%
State	79,529,538	84,873,456	87,700,954	6.7%	3.3%
Federal	102,777,495	108,290,646	114,418,922	5.4%	5.7%
Pub Educ Institutions	15,351,834	15,813,758	16,842,970	3.0%	6.5%
Subtotal All Public Museums	307,524,918	321,808,963	329,508,179	4.6%	2.4%
Private Nonprofit	184,962,195	198,550,184	215,132,545	7.3%	8.4%
Other Private	22,382,179	20,081,021	20,854,574	-10.3%	3.9%
Subtotal All Private Museums	207,344,374	218,631,205	235,987,118	5.4%	7.9%
Total All Museums	514,869,292	540,440,168	565,495,297	5.0%	4.6%
Attendance Missing	401,198	486,956	347,742	(due to no gov auth)	
	Avg 1986 Attendance	Avg 1987 Attendance	Avg 1988 Attendance		
Municipal	102,522	105,580	99,506	3.0%	-5.8%
County/Regional	71,747	73,422	75,475	2.3%	2.8%
State	87,061	92,911	96,006	6.7%	3.3%
Federal	171,507	180,707	190,934	5.4%	5.7%
Pub Educ Institutions	25,914	26,693	28,431	3.0%	6.5%
Subtotal All Public Museums	91,040	95,268	97,548	4.6%	2.4%
Private Nonprofit	41,164	44,188	47,879	7.3%	8.4%
Other Private	75,605	67,832	70,445	-10.3%	3.9%
Subtotal All Private Museums	43,293	45,650	49,274	5.4%	7.9%
Total All Museums	62,998	66,135	69,181	5.0%	4.6%

Figures weighted for missing data
See note on Table E:47-A

Table E:47-G

Total and Average Attendance by Year by Region

Region	Total Attendance 1986	Total Attendance 1987	Total Attendance 1988	Percent Change '86-87	Percent Change '87-88
New England	21,871,110	22,537,419	24,122,416	3.0%	7.0%
Mid-Atlantic	127,281,316	135,728,418	139,753,014	6.6%	3.0%
SouthEast	85,246,808	89,502,066	96,066,988	5.0%	7.3%
Midwest	126,575,219	133,448,167	144,768,806	5.4%	8.5%
Mountain/Plains	55,685,353	57,502,850	61,020,411	3.3%	6.1%
West	98,610,684	102,208,203	100,111,405	3.6%	-2.1%
Total All Museums	515,270,490	540,927,124	565,843,039	5.0%	4.6%

Region	Average Attendance 1986	Average Attendance 1987	Average Attendance 1988	Percent Change '86-87	Percent Change '87-88
New England	38,474	39,646	42,434	3.0%	7.0%
Mid-Atlantic	83,081	88,594	91,221	6.6%	3.0%
SouthEast	52,049	54,647	58,656	5.0%	7.3%
Midwest	92,023	97,019	105,250	5.4%	8.5%
Mountain/Plains	43,541	44,962	47,712	3.3%	6.1%
West	55,200	57,214	56,040	3.6%	-2.1%
All Museums	62,998	66,135	69,181	5.0%	4.6%

Figures weighted for missing data.
See note on Table E:47-A

Table E:48

Individual Attendance Count by Actual or Estimated Method
by Type and Size

Museum Type	Percent with Accurate Count	Percent with Estimated Count	Percent That Use Both Methods	Number That Responded to Question	Percent That Did Not Answer Question
Aquarium	76.9%	11.6%	11.6%	17	14.79%
Arbor/Bot Gard	23.3%	74.6%	2.1%	268	15.65%
Art	62.8%	30.4%	6.8%	1,039	14.39%
Children's	87.9%	12.1%	0.0%	58	9.39%
General	72.3%	27.4%	0.3%	422	39.96%
Historic Site	78.1%	21.4%	0.5%	1,726	17.19%
Hlstory Museum	67.5%	30.0%	2.4%	2,002	16.62%
Natural History	56.7%	40.8%	2.4%	207	17.58%
Nature Center	45.4%	54.6%	0.0%	217	27.17%
Planetarium	72.9%	21.9%	5.1%	35	8.36%
Science	63.4%	36.6%	0.0%	160	13.12%
Specialized	63.9%	35.8%	0.3%	380	19.11%
Zoo	81.3%	16.5%	2.3%	132	1.39%
Total	67.2%	30.6%	2.2%	6,663	18.53%
Size					
Large	80.6%	16.8%	2.6%	529	11.16%
Medium	74.8%	21.3%	3.8%	871	12.22%
Small	64.6%	33.5%	1.9%	5,263	20.15%
Total	67.2%	30.6%	2.2%	6,663	18.53%

Table E:49-A

Number of Museums with Admission Fee and Whether Fixed or Suggested
by Type and Size

Museum Type	Total Number Museums	Number with Admission Fee	Percent of Type/Size with Admission Fee	Percent with No Response to Q49	Number w Admission with Fixed Fee	Percent w Admission with Fixed Fee	Percent w Admission with Suggested Fee	Percent w Admission with No Response	Number w Admission with No Response
Aquarium	20	13	65.5%	0.0%	9	69.9%	7.5%	22.6%	3
Arbor/Bot Gard	318	136	42.7%	0.0%	53	39.1%	0.0%	60.9%	83
Art	1,214	435	35.8%	0.0%	189	43.4%	17.0%	39.5%	172
Children's	64	51	83.1%	3.4%	47	90.9%	9.1%	0.0%	0
Generai	704	358	55.4%	6.1%	208	58.1%	2.2%	39.7%	142
Historic Site	2,084	1,518	73.8%	1.3%	1,060	69.8%	2.1%	28.1%	426
History Museum	2,401	1,206	50.4%	0.4%	646	53.6%	5.4%	41.0%	495
Natural History	252	131	54.0%	3.5%	84	64.0%	4.4%	31.6%	41
Nature Center	298	119	40.0%	0.0%	61	51.5%	0.0%	48.5%	58
Planetarium	39	29	76.5%	0.0%	27	89.9%	0.0%	10.1%	3
Science	184	105	58.6%	2.7%	63	60.3%	1.7%	37.9%	40
Specialized	470	247	52.5%	0.0%	160	65.0%	6.3%	28.7%	71
Zoo	133	113	84.8%	0.0%	107	94.3%	0.0%	5.7%	6
Total	8,179	4,462	55.3%	1.3%	2,714	60.6%	4.7%	34.5%	1,540
Size									
Large	595	437	73.8%	0.6%	334	76.5%	7.6%	15.8%	69
Medium	992	632	65.5%	2.6%	460	72.6%	6.7%	20.6%	130
Smail	6,591	3,393	52.1%	1.2%	1,920	56.6%	3.9%	39.5%	1,341
Total	8,179	4,462	55.3%	1.3%	2,713	60.8%	4.7%	34.5%	1,540

Number/percent missing (Question 49): 109 / 1.3%

Table E-49-B

Number of Museums with Admission Fee and Whether Fixed or Suggested
by Governing Authority

Governing Authority	Total Number Museums	Number with Admission Fee	Percent of Type/Size with Admission Fee	Percent with No Response to Q49	Number w Admission with Fixed Fee	Percent w Admission with Fixed Fee	Percent w Admission with Suggested Fee	Percent w Admission with No Response	Number w Admission with No Response
Municipal	603	290	48.1%	0.0%	189	65.0%	0.5%	34.5%	100
County/Regional	670	361	53.9%	0.0%	214	59.3%	2.6%	38.0%	137
State	913	572	62.6%	0.0%	317	55.5%	5.2%	39.3%	225
Federal	599	237	40.1%	1.2%	169	71.2%	0.0%	28.8%	68
Pub Educ Institutions	592	164	27.8%	0.4%	82	49.8%	0.0%	50.2%	82
Subtotal All Public Museums	3,378	1,624	48.2%	0.3%	971	59.8%	2.5%	37.7%	613
Private Nonprofit	4,493	2,708	61.6%	2.2%	1,708	63.1%	5.8%	31.1%	842
Other Private	296	118	39.9%	0.0%	28	24.0%	3.7%	72.3%	85
Subtotal All Private Museums	4,789	2,827	60.3%	2.1%	1,737	61.4%	5.8%	32.8%	927
Total All Museums	8,167	4,451	55.2%	1.3%	2,707	60.8%	4.6%	34.6%	1,540

Number missing on Q49 due to no governing authority: 11

Number/percent missing: 120 / 1.3%

Table E:49-C

Number of Museums with Admission Fee 1989 and 1979

Type as defined in 1979	<-----1979----->			<-----1989----->			
	Total Number	Museums Charging Admission Fee		Total Number	Number Responded to Q49	Museums Charging Admission Fee	
		Number	Percent			Number	Percent
Art	609	97	15.9%	1,279	1,275	461	36.2%
Children's	51	21	41.2%	69	66	56	83.7%
General	382	95	24.9%	648	565	297	52.5%
History	2,204	733	33.3%	4,288	4,252	2,572	60.5%
Parks & Visitor Centers	165	25	15.2%	240	239	120	50.4%
Science	800	310	38.8%	1,119	1,101	590	53.6%
Specialized	197	121	61.4%	499	499	314	62.9%
	4,408	1,402	31.8%	8,141	7,997	4,409	55.1%

Number/percent missing: 182 / 2.2%

Table E:50-A

Fixed and Suggested Median Admission Fees by Type of Museum

Museum Type	Fee for Nonmember Adult		Fee for Nonmember Child	
	Fixed Fee	Suggested Fee	Fixed Fee	Suggested Fee
Aquarium	\$3.75	***	\$2.00	***
Arbor/Bot Gard	\$4.00	***	\$1.00	***
Art	\$3.00	\$3.00	\$1.50	\$1.00
Children's	\$2.50	\$2.00	\$2.00	\$2.00
General	\$1.50	\$2.00	\$1.00	\$2.00
Historic Site	\$2.00	\$1.00	\$1.00	\$0.50
History Museum	\$2.00	\$2.00	\$1.00	\$0.50
Natural History	\$2.00	\$3.00	\$1.00	\$1.50
Nature Center	\$2.00	***	\$1.00	***
Planetarium	\$3.00	***	\$1.50	***
Science	\$3.50	\$2.50	\$2.00	\$1.50
Speclalized	\$3.00	\$1.00	\$1.00	\$0.50
Zoo	\$3.00	***	\$1.50	***
All Museums	\$2.00	\$2.00	\$1.00	\$0.50

See Table E:49-A for number of responses

*** No such fees in these categories

Table E:51-A

Number of Museums with Member Discount
of Admission Fee by Type and Size

Museum Type	Number with Admission Fee	Number with Member Discount	Percent of Type/Size with Member Discount	Percent with No Response
Aquarium	13	8	80.5%	22.6%
Arbor/Bot Gard	136	34	54.5%	53.8%
Art	435	227	68.8%	24.1%
Children's	51	48	96.4%	3.2%
General	358	82	28.2%	18.7%
Historic Site	1,518	408	43.9%	38.7%
History Museum	1,206	472	60.6%	35.4%
Natural History	131	62	71.1%	33.9%
Nature Center	119	32	47.4%	42.6%
Planetarium	29	15	70.9%	27.2%
Science	105	60	93.5%	39.1%
Specialized	247	115	62.8%	25.4%
Zoo	113	96	90.7%	6.9%
Total	4,462	1,659	55.6%	33.1%
Size				
Large	437	294	84.3%	20.1%
Medium	632	332	68.2%	22.9%
Small	3,393	1,033	48.1%	36.7%
Total	4,462	1,659	55.6%	33.1%

Table E:51-B

Number of Museums with Member Discount
of Admission Fee by Governing Authority

Governing Authority	Number with Admission Fee	Number with Member Discount	Percent of Type/Size with Member Discount	Percent No Response
Municipal	290	85	55.0%	47.0%
County/Regional	361	80	27.7%	20.0%
State	572	70	19.6%	37.4%
Federal	237	38	23.8%	32.9%
Pub Educ Institutions	164	26	22.6%	29.1%
Subtotal All Public Museums	1,624	299	27.8%	33.7%
Private Nonprofit	2,708	1,340	73.6%	32.8%
Other Private	118	15	19.5%	36.6%
Subtotal All Private Museums	2,827	1,355	71.5%	32.9%
Total All Museums	4,451	1,653	55.6%	33.2%

Number missing due to no governing authority: 11

Table E:53-A

Number of Museums That Conducted a Visitor Survey
within Last Three Years by Type and by Size

Museum Type	Number Conducting Visitor Survey	Percent of Type/Size Conducting Visitor Survey	Percent with No Response	Percent with No Response That Are Small
Aquarium	12	62.0%	4.9%	100.0%
Arbor/Bot Gard	43	15.1%	10.1%	45.2%
Art	307	34.3%	26.3%	85.7%
Children's	38	67.7%	12.4%	100.0%
General	150	29.1%	26.8%	77.8%
Historic Site	323	23.6%	34.4%	90.3%
History Museum	345	18.5%	22.5%	99.8%
Natural History	38	20.3%	25.0%	55.7%
Nature Center	51	34.5%	49.9%	79.4%
Planetarium	13	38.6%	13.1%	40.8%
Science	59	48.9%	34.2%	100.0%
Specialized	179	56.0%	32.2%	92.7%
Zoo	73	57.2%	4.8%	46.6%
Total	1,631	27.5%	27.4%	88.8%
Size				
Large	306	60.3%	14.6%	
Medium	378	45.6%	16.6%	
Small	947	20.6%	30.2%	
Total	1,631	27.5%	27.4%	

Number/percent missing: 2,242 / 27.4%

Table E:53-B

Number of Museums That Conducted an Audience Survey
within Last Three Years by Type and Size

Museum Type	Number Conducting Audience Survey	Percent of Type/Size Conducting Audience Survey
Aquarium	6	29.1%
Arbor/Bot Gard	31	10.7%
Art	184	20.6%
Children's	18	31.6%
General	88	17.0%
Historic Site	105	7.7%
History Museum	243	13.0%
Natural History	27	14.5%
Nature Center	28	18.5%
Planetarium	14	42.1%
Science	36	29.8%
Specialized	68	21.3%
Zoo	33	25.6%
Total	879	14.8%
Size		
Large	193	38.0%
Medium	184	22.3%
Small	502	10.9%
Total	879	14.8%

Number/percent missing: Same as figures on Table E:53-A

Table E:53-C

Number of Museums That Conducted a Visitor Survey
within Last Three Years by Governing Authority

Governing Authority	Number Conducting Visitor Survey	Percent of Type/Size Conducting Visitor Survey	Percent with No Response	Percent with No Response That Are Small
Municipal	124	34.8%	41.0%	85.4%
County/Regional	85	15.7%	19.4%	93.8%
State	268	41.3%	29.0%	90.9%
Federal	79	20.7%	36.5%	93.1%
Pub Educ Institutions	110	22.5%	17.6%	91.0%
Subtotal All Public Museums	665	27.6%	28.5%	90.4%
Private Nonprofit	944	28.7%	26.7%	87.8%
Other Private	22	9.8%	25.4%	84.1%
Subtotal All Private Museums	966	27.5%	26.7%	87.6%
Total All Museums	1,631	27.5%	27.4%	88.8%

Number/percent missing: 2,246 / 27.4%

Table E:53-D

Number of Museums That Conducted an Audience Survey
within Last Three Years by Governing Authority

Governing Authority	Number Conducting Audience Survey	Percent of Type/Size Conducting Audience Survey
Municipal	46	12.8%
County/Regional	76	14.0%
State	121	18.7%
Federal	13	3.4%
Public School Dist	3	7.5%
Public Col/Univ	57	12.6%
Subtotal All Public Museums	315	13.0%
Private Nonprofit	552	16.8%
Private Col/Univ	9	10.0%
Priv Elem/Sec School	0	0.0%
Church	0	0.0%
Other	2	3.0%
Subtotal All Public Museums	564	16.1%
Total All Museums	879	14.8%

Number/percent missing: Same as figures on Table E:53-A

Table E:54-A

Total Number of Exhibitions Produced: 1986 - 1988
by Museum Type and Size

Museum Type	Total Exhibitions Produced 1986	Total Exhibitions Produced 1987	Total Exhibitions Produced 1988
Aquarium	55	51	51
Arbor/Bot Gard	1,064	1,015	1,030
Art	11,706	12,960	13,989
Children's	419	361	432
General	4,268	4,446	5,417
Historic Site	4,372	4,605	5,125
History Museum	13,028	15,318	17,388
Natural History	1,033	1,183	1,325
Nature Center	736	803	910
Planetarium	166	139	160
Science	715	953	1,255
Specialized	1,943	1,588	1,754
Zoo	398	177	207
Total	39,904	43,598	49,041
Museum Size			
Large	4,322	4,284	4,506
Medium	5,694	5,827	6,675
Small	29,888	33,487	37,861
Total	39,904	43,598	49,041

Figures weighted for item nonresponse; see Table E:54-B for more

Table E:54-B

Average Number of Exhibitions Produced: 1986 - 1988
by Museum Type and Size

Museum Type	Avg Number Exhibitions Produced 1986	Avg Number Exhibitions Produced 1987	Avg Number Exhibitions Produced 1988
Aquarium	2.7	2.5	2.5
Arbor/Bot Gard	3.3	3.2	3.2
Art	9.6	10.7	11.5
Children's	6.6	5.7	6.8
General	6.1	6.3	7.7
Historic Site	2.1	2.2	2.5
History Museum	5.4	6.4	7.2
Natural History	4.1	4.7	5.3
Nature Center	2.5	2.7	3.1
Planetarium	4.3	3.6	4.1
Science	3.9	5.2	6.8
Specialized	4.1	3.4	3.7
Zoo	3.0	1.3	1.6
All Museums	4.9	5.3	6.0
Museum Size			
Large	7.3	7.2	7.6
Medium	5.7	5.9	6.7
Small	4.5	5.1	5.8
All Museums	4.9	5.3	6.0

Number/percent missing 1988 (1987, 1986): 145 (162, 229) /
1.7% (2.0%, 2.8%)

Table E:54-C

Percentage of Museums That Installed Exhibitions
by Number of Exhibitions by Type and by Size

Museum Type	1986			1987			1988		
	0	1-5	over 5	0	1-5	over 5	0	1-5	over 5
Aquarium	14.8%	85.2%	0.0%	24.7%	75.3%	0.0%	29.6%	63.9%	6.6%
Arbor/Bot Gard	32.1%	55.3%	12.6%	33.9%	55.3%	10.8%	36.6%	54.4%	9.0%
Art	7.9%	23.8%	68.3%	6.9%	20.6%	72.6%	4.0%	17.4%	78.6%
Children's	16.7%	48.4%	34.9%	9.5%	56.7%	33.8%	9.3%	53.0%	37.7%
General	37.0%	31.3%	31.6%	38.8%	28.6%	32.6%	30.0%	30.3%	39.7%
Historic Site	45.1%	44.0%	10.9%	44.5%	44.3%	11.2%	40.8%	47.9%	11.2%
History Museum	33.0%	37.5%	29.5%	31.7%	38.0%	30.3%	22.7%	40.1%	37.3%
Natural History	34.6%	42.6%	22.8%	31.1%	40.1%	28.8%	28.2%	44.7%	27.1%
Nature Center	54.1%	25.3%	20.6%	49.8%	31.7%	18.5%	43.6%	33.3%	23.1%
Planetarium	39.6%	38.2%	22.2%	39.0%	44.8%	16.2%	39.0%	38.8%	22.2%
Science	21.8%	60.7%	17.4%	18.7%	56.7%	24.6%	14.2%	64.2%	21.6%
Specialized	28.8%	44.7%	26.4%	28.8%	53.1%	18.0%	32.1%	48.4%	19.5%
Zoo	53.0%	39.2%	7.8%	56.2%	40.1%	3.7%	47.6%	46.4%	6.0%
All Museums	33.2%	38.2%	28.6%	32.4%	38.3%	29.3%	27.4%	39.6%	33.0%
Museum Size									
Large	18.5%	36.4%	45.0%	17.4%	39.3%	43.3%	15.2%	40.5%	44.3%
Medium	30.0%	32.8%	37.2%	29.5%	29.1%	41.3%	19.1%	37.9%	43.0%
Small	35.0%	39.1%	25.9%	34.2%	39.6%	26.2%	29.7%	39.8%	30.5%
All Museums	33.2%	38.2%	28.6%	32.4%	38.3%	29.3%	27.4%	39.6%	33.0%

Table E:54-D

Total and Average Number of Permanent Exhibitions: 1986-1988
by Museum Type

Museum Type	Total Number of Exhibitions			Average Number of Exhibitions		
	1986	1987	1988	1986	1987	1988
Aquarium	23	22	24	1.3	1.3	1.2
Arbor/Bot Gard	725	687	689	2.3	2.2	2.2
Art	508	603	623	0.4	0.5	0.5
Children's	91	68	81	1.6	1.1	1.4
General	1,685	1,592	2,127	2.5	2.4	3.0
Historic Site	978	853	916	0.5	0.4	0.4
History Museum	4,436	6,099	6,953	1.9	2.6	2.9
Natural History	235	275	362	1.0	1.1	1.5
Nature Center	155	182	172	0.5	0.6	0.6
Planetarium	42	38	38	1.2	1.0	1.0
Science	325	489	783	1.9	2.8	4.5
Specialized	625	397	419	1.4	0.9	0.9
Zoo	356	133	149	2.7	1.0	1.1
All Museums	10,183	11,438	13,336	1.3	1.4	1.6

Table E:54-E

Number of Exhibitions by Type of Exhibition

1988 Totals by Museum Type	Permanent Exhibitions		<-----Temporary Exhibitions----->				Total Exhibitions Produced		Number Exhibitions Borrowed		
	Number	%	Originate & Install	%	Originate Install&Travel	%	Originate & Travel	%			
Aquarium	24	52.5%	16	34.4%	4	8.8%	2	4.4%	46	100.0%	10
Arbor/Bot Gard	689	67.7%	240	23.6%	27	2.7%	62	6.0%	1,019	100.0%	13
Art	623	4.5%	11,169	81.0%	688	5.0%	1,310	9.5%	13,790	100.0%	2,267
Children's	81	25.7%	195	61.8%	22	6.9%	17	5.5%	315	100.0%	103
General	2,127	39.4%	2,997	55.5%	113	2.1%	163	3.0%	5,400	100.0%	959
Historic Site	916	18.6%	3,640	74.0%	250	5.1%	112	2.3%	4,919	100.0%	794
History Museum	6,953	40.4%	6,596	38.4%	1,111	6.5%	2,533	14.7%	17,192	100.0%	1,397
Natural History	362	28.2%	722	56.1%	139	10.8%	64	5.0%	1,286	100.0%	193
Nature Center	172	20.4%	511	60.8%	105	12.5%	53	6.3%	841	100.0%	95
Planetarium	38	25.3%	108	71.7%	0	0.0%	5	3.1%	150	100.0%	35
Science	783	66.4%	358	30.3%	18	1.5%	21	1.8%	1,179	100.0%	332
Specialized	419	27.1%	954	61.7%	77	5.0%	97	6.3%	1,547	100%	545
Zoo	149	75.3%	35	17.5%	3	1.3%	12	5.9%	198	100.0%	16
All Museums	13,336	27.9%	27,540	57.5%	2,556	5.3%	4,449	9.3%	47,881	100.0%	6,759
All Museums by Year											
1986	10,183	26.6%	23,150	60.5%	1,836	4.8%	3,082	8.1%	38,251	100.0%	5,736
1987	11,438	26.9%	24,839	58.5%	2,256	5.3%	3,949	9.3%	42,481	100.0%	6,114
1988	13,336	27.9%	27,540	57.5%	2,556	5.3%	4,449	9.3%	47,881	100.0%	6,759

Table E:54-F

Average Number of Exhibitions by Type of Exhibition
1988

1988 Totals by Museum Type	Permanent Exhibitions	<-----Temporary Exhibitions----->			Exhib- itions Borrowed
		Originate & Install	Originate Install & Travel	Originate & Travel	
Aquarium	1.3	0.9	0.2	0.1	0.5
Arbor/Bot Gard	2.2	0.8	0.1	0.2	0.0
Art	0.5	9.3	0.6	1.1	1.9
Children's	1.4	3.3	0.4	0.3	1.7
General	3.0	4.3	0.2	0.2	1.4
Historic Site	0.5	1.8	0.1	0.1	0.4
History Museum	2.9	2.8	0.5	1.1	0.6
Natural History	1.5	3.0	0.6	0.3	0.8
Nature Center	0.6	1.8	0.4	0.2	0.3
Planetarium	1.0	3.0	0.0	0.1	1.0
Science	4.5	2.0	0.1	0.1	1.9
Specialized	0.9	2.1	0.2	0.2	1.2
Zoo	1.2	0.3	0.0	0.1	0.1
All Museums	1.7	3.4	0.3	0.6	0.8

Table E:55-A

Response Rate to Question 55: Collaboration with Other Institutions
on Preparation of Exhibitions by Museum Type

Museum Type	Number Museums	Number with No response	Percent with No response	Percent of Nonresponse Represented by Small
Aquarium	20	1	4.9%	100.0%
Arbor/Bot Gard	318	18	5.6%	0.0%
Art	1,214	299	24.6%	85.2%
Children's	64	6	8.9%	100.0%
General	704	188	26.8%	77.8%
Historic Site	2,084	719	34.5%	91.4%
History Museum	2,401	483	20.1%	100.0%
Natural History	252	58	23.2%	65.3%
Nature Center	298	142	47.9%	78.5%
Planetarium	39	5	13.1%	40.8%
Science	184	59	31.9%	100.0%
Specialized	470	132	28.1%	95.3%
Zoo	133	12	9.0%	24.8%
Total	8,179	2,123	26.0%	88.9%
Museum Size				
Large	595	86	14.5%	
Medium	992	149	15.0%	
Small	6,591	1,888	28.6%	
Total	8,179	2,123	26.0%	

Table E:55-B

Collaboration on Exhibitions by Type and Size

Museum Type	Number That Answer Q55	Number That Collaborate	Percent of Type That Collaborate	Number Collaborating with Museums	Percent of Collaborating with Museums	Number Collaborating with Ed Inst	Percent of Collaborating with Ed Inst	Number Collaborating with Others	Percent of Collaborating with Others
Aquarium	19	10	50.1%	1	13.8%	0	0.0%	3	31.1%
Arbor/Bot Gard	300	136	45.3%	34	25.1%	39	28.9%	29	21.6%
Art	915	665	72.6%	364	54.8%	262	39.4%	217	32.6%
Children's	58	43	74.6%	12	27.7%	14	31.9%	20	45.2%
General	515	313	60.7%	96	30.9%	43	13.8%	81	25.9%
Historic Site	1,364	900	65.9%	231	25.7%	66	7.3%	178	19.8%
History Museum	1,917	956	49.9%	276	28.8%	169	17.6%	269	28.2%
Natural History	193	110	57.2%	46	41.6%	33	30.0%	28	25.1%
Nature Center	155	82	53.0%	22	26.6%	23	28.4%	6	7.3%
Planetarium	34	16	48.2%	3	21.5%	1	7.2%	3	21.5%
Science	125	86	69.1%	62	71.3%	40	46.4%	20	23.0%
Specialized	338	225	66.7%	69	30.8%	11	4.8%	81	35.8%
Zoo	121	54	44.7%	13	24.8%	8	15.5%	29	53.5%
Total	6,056	3,597	59.4%	1,231	34.2%	710	19.7%	964	26.8%
Museum Size									
Large	509	358	70.4%	227	63.4%	95	26.5%	112	31.3%
Medium	844	555	65.8%	225	40.5%	143	25.8%	187	33.6%
Small	4,703	2,684	57.1%	779	29.0%	472	17.6%	666	24.8%
Total	6,056	3,597	59.4%	1,231	34.2%	710	19.7%	964	26.8%

Table E:55-C

Collaboration on Exhibitions by Governing Authority

Gov Authority	Number That Answer Q55	Number That Collaborate	Percent of Type That Collaborate	Number Collaborating with Museums	Percent of Collaborating with Museums	Number Collaborating with Ed Inst	Percent of Collaborating with Ed Inst	Number Collaborating with Others	Percent of Collaborating with Others
Municipal	371	202	54.4%	56	27.8%	26	12.8%	34	16.7%
County/Regional	571	257	45.1%	10	4.0%	41	16.0%	53	20.6%
State	647	416	64.3%	162	38.8%	69	16.6%	118	28.5%
Federal	381	120	31.6%	24	19.8%	1	0.9%	23	19.1%
Pub Educ Instiits	491	366	74.6%	164	44.8%	137	37.4%	79	21.4%
Subtotal all Public Museums	2,461	1,362	55.3%	416	30.5%	274	20.1%	307	22.5%
Priv Nonprofit	3,354	2,088	62.3%	738	35.3%	391	18.7%	638	30.5%
Other Private	231	141	61.2%	72	50.9%	45	31.8%	19	13.8%
Subtotal all Private Museums	3,585	2,230	62.2%	810	36.3%	436	19.6%	657	29.5%
Total	6,046	3,591	59.4%	1,226	34.1%	710	19.8%	964	26.8%

Table E:55-D

Collaborations Outside the U.S. by Type and Size

Museum Type	Number That Collaborate	Number Collaborating outside U.S.	Percent of Collaborating outside U.S.	Number Collaborating outside U.S. with Museums	Number Collaborating outside U.S. with Ed Inst	Number Collaborating outside U.S. with Others
Aquarium	10	1	10.4%	0	0	0
Arbor/Bot Gard	136	13	9.5%	6	7	12
Art	665	136	20.5%	130	71	60
Children's	43	4	9.7%	0	3	4
General	313	63	20.1%	50	6	19
Historic Site	900	6	0.7%	6	2	1
History Museum	956	76	7.9%	48	5	31
Natural History	110	8	6.9%	7	3	3
Nature Center	82	0	0.0%	0	0	0
Planetarium	16	1	7.2%	1	1	0
Science	86	11	12.8%	6	1	7
Specialized	225	27	12.1%	8	1	20
Zoo	54	7	13.5%	3	1	5
Total	3,597	354	9.8%	266	103	165
Museum Size						
Large	358	114	31.9%	104	38	42
Medium	555	128	23.1%	106	33	57
Small	2,684	112	4.2%	57	31	66
Total	3,597	354	9.8%	266	103	165

Table E:55-E

Collaborations Outside the U.S. by Governing Authority

Gov Authority	Number That Collaborate	Number Collaborating outside U.S.	Percent of Collaborating outside U.S.	Number Collaborating outside U.S. with museums	Number Collaborating outside U.S. with Ed Inst	Number Collaborating outside U.S. with Others
Municipal	202	45	22.3%	34	1	14
County/Regional	257	11	4.1%	1	0	11
State	416	11	2.6%	11	3	1
Federal	120	19	15.5%	13	1	5
Pub Educ Instits	366	32	8.6%	26	24	23
Subtotal All Public Museums	1,362	117	8.6%	85	30	53
Priv Nonprofit	2,088	183	8.8%	129	36	99
Other Private	141	49	34.9%	48	37	12
Subtotal All Private Museums	2,230	233	10.4%	176	72	111
Total *	3,591	349	9.7%	261	103	165

* Totals do not add to totals on Table E:55-D because of governing authority nonresponse

Table E:56-A

Response Rate to Question 56: Number of Exhibitions Loaned
by Museum Type and Size

Museum Type	Number Museums	Number with No Response	Percent with No Response	Percent of Nonresponse Represented by "Small"
Aquarium	20	1	4.9%	100.0%
Arbor/Bot Gard	318	74	23.1%	58.8%
Art	1,214	325	26.8%	81.2%
Children's	64	8	12.4%	100.0%
General	704	216	30.7%	80.6%
Historic Site	2,084	816	39.1%	91.2%
History Museum	2,401	634	26.4%	98.6%
Natural History	252	67	26.7%	56.7%
Nature Center	298	149	49.9%	79.4%
Planetarium	39	7	19.1%	27.9%
Science	184	67	36.4%	94.9%
Specialized	470	160	34.1%	78.5%
Zoo	133	27	20.2%	33.0%
Total	8,179	2,550	31.2%	86.9%
Museum Size				
Large	595	132	22.2%	
Medium	992	203	20.4%	
Small	6,591	2,215	33.6%	
Total	8,179	2,550	31.2%	

Table E:56-B

Number of Exhibitions Loaned by Type and Size

Museum Type	Number That Answer Q56	Number of Exhibitions Loaned to Museums			Number of Exhibitions Loaned to Others			Total Loaned In the U.S.	Total Loaned outside U.S.	Total Exhibitions Loaned	Average Number Exhibitions Loaned
		In the U.S.	outside U.S.	Sub-total	in the U.S.	outside U.S.	Sub-total				
Aquarium	19	7	0	7	11	0	11	18	0	18	0.9
Arbor/Bot Gard	244	88	1	89	41	0	41	129	1	130	0.5
Art	889	714	149	863	891	27	917	1,604	176	1,780	2.0
Children's	56	39	0	39	65	0	65	104	0	104	1.9
General	488	192	20	212	233	15	248	425	35	460	0.9
Historic Site	1,268	298	2	300	410	4	413	707	6	713	0.6
History Museum	1,767	1,621	38	1,659	3,560	115	3,675	5,181	154	5,334	3.0
Natural History	184	108	2	111	179	0	179	288	2	290	1.6
Nature Center	149	0	0	0	34	6	40	34	6	40	0.3
Pianetarlum	31	0	0	0	16	0	16	16	0	16	0.5
Science	117	562	24	586	42	8	50	604	32	636	5.4
Specialized	310	258	44	302	346	7	353	604	52	655	2.1
Zoo	106	91	5	96	37	1	39	129	6	135	1.3
Total	5,629	3,978	287	4,266	5,862	184	6,046	9,841	471	10,311	1.8
Museum Size											
Large	463	656	150	805	796	19	815	1,452	168	1,620	3.5
Medium	789	435	53	488	627	44	672	1,063	97	1,159	1.5
Smail	4,376	2,887	85	2,972	4,439	121	4,560	7,326	205	7,532	1.7
Total	5,629	3,978	287	4,266	5,862	184	6,046	9,841	471	10,311	1.8

Table E:56-C

Number of Exhibitions Loaned by Governing Authority

Gov Authority	Number That Answer Q56	Number of Exhibitions Loaned to Museums			Number of Exhibitions Loaned to Others			Total Loaned in the U.S.	Total Loaned outside U.S.	Total Exhibitions Loaned	Average Number Exhibitions Loaned
		in the U.S.	outside U.S.	Sub-total	in the U.S.	outside U.S.	Sub-total				
Municipal	345	89	29	118	105	0	105	195	29	223	0.6
County/Regional	539	637	2	639	170	0	170	806	2	808	1.5
State	579	231	1	232	692	0	692	923	1	924	1.6
Federal	367	1,188	23	1,211	2,172	0	2,172	3,360	23	3,383	9.2
Pub Educ Instiits	486	413	16	429	392	2	394	805	18	823	1.7
Subtotal all Public Museums	2,317	2,558	71	2,629	3,531	2	3,533	6,089	73	6,162	2.7
Prlv Nonprofit	3,091	1,299	169	1,468	2,155	181	2,336	3,454	350	3,804	1.2
Other Private	210	116	42	159	177	0	177	293	42	336	1.6
Subtotal all Private Museums	3,301	1,415	211	1,627	2,332	181	2,513	3,747	393	4,140	1.3
Total	5,618	3,974	283	4,256	5,862	184	6,046	9,836	466	10,302	1.8

Totals do not add to totals on Table E:56-B because of governing authority nonresponse

Table E:57-A

Response Rate (Number) to Question 57: Public Programs

Total Number of Museums:		Number of All Museums				
Program	A Number Served	B Whether Estimate	C Program Not Offered	A + C*	D (1+2+3) Special Fee	E Program Evaluated
Orientation	2,933	2,353	1,744	4,677	3,049	426
Demonstrations	2,360	1,798	2,001	4,361	2,694	621
Tours	4,211	2,814	453	4,664	3,912	738
Spec Exhibitions	2,403	1,900	1,755	4,159	2,675	420
Classes	2,922	1,830	1,744	4,665	2,925	761
Courses	715	322	3,652	4,367	1,188	381
Spec Lectures	2,813	2,068	1,754	4,566	2,920	495
Films/Media	1,700	1,414	2,460	4,161	1,944	329
Library	2,239	1,841	2,145	4,384	2,156	103
Collection Access	1,808	1,384	2,444	4,252	2,020	80
Performing Arts	1,597	1,084	2,786	4,384	1,952	235
Spec Events	3,253	2,218	1,103	4,355	3,068	680
Other	411	249	1,021	1,432	644	136
TV/Radio	406	419	3,080	3,486	644	79
Travel	734	488	2,945	3,679	936	196
Field	1,442	850	2,403	3,844	1,414	268
Outreach	2,087	1,594	1,709	3,796	1,982	531
Other	503	359	1,019	1,522	525	59

* Column A+C equates to the number that offer the program and overall response rate to question

Table E:57-B

Response Rate (Percent) to Question 57: Public Programs

Program	Percent of All Museums					
	A Number Served	B Whether Estimate	C Program Not Offered	A + C*	D (1+2+3) Special Fee	E Program Evaluated
Orientation	35.9%	28.8%	21.3%	57.2%	37.3%	5.2%
Demonstrations	28.9%	22.0%	24.5%	53.3%	32.9%	7.6%
Tours	51.5%	34.4%	5.5%	57.0%	47.8%	9.0%
Spec Exhibitions	29.4%	23.2%	21.5%	50.8%	32.7%	5.1%
Classes	35.7%	22.4%	21.3%	57.0%	35.8%	9.3%
Courses	8.7%	3.9%	44.7%	53.4%	14.5%	4.7%
Spec Lectures	34.4%	25.3%	21.4%	55.8%	35.7%	6.1%
Films/Media	20.8%	17.3%	30.1%	50.9%	23.8%	4.0%
Library	27.4%	22.5%	26.2%	53.6%	26.4%	1.3%
Collection Access	22.1%	16.9%	29.9%	52.0%	24.7%	1.0%
Performing Arts	19.5%	13.3%	34.1%	53.6%	23.9%	2.9%
Spec Events	39.8%	27.1%	13.5%	53.2%	37.5%	8.3%
Other	5.0%	3.0%	12.5%	17.5%	7.9%	1.7%
TV/Radio	5.0%	5.1%	37.7%	42.6%	7.9%	1.0%
Travel	9.0%	6.0%	36.0%	45.0%	11.4%	2.4%
Field	17.6%	10.4%	29.4%	47.0%	17.3%	3.3%
Outreach	25.5%	19.5%	20.9%	46.4%	24.2%	6.5%
Other	6.1%	4.4%	12.5%	18.6%	6.4%	0.7%

* Column A+C equates to the number that offer the program and overall response rate to question

Table E:58-A

Total Number of (People)* Served by Museum Type and Size

Museum Type	Total Number Served	Average Number Served	Median Number Served
Aquarium	14,560,609	717,979	560,375
Arbor/Bot Gard	27,842,379	87,557	76,000
Art	91,042,472	74,994	70,452
Children's	12,096,917	189,875	79,190
General	43,483,034	61,798	79,981
Historic Site	128,060,910	61,452	35,541
History Museum	83,496,729	34,777	27,657
Natural History	57,010,881	226,638	66,000
Nature Center	23,977,263	80,544	75,000
Planetarium	6,288,966	163,223	40,000
Science	62,135,963	338,450	125,557
Speclalized	39,997,151	85,120	29,238
Zoo	87,789,145	657,892	531,300
Total	677,782,419	82,867	63,776
Museum Size			
Large	310,305,670	521,268	283,057
Medium	158,745,784	159,957	100,352
Small	208,730,965	31,667	17,466
Total	677,782,419	82,867	63,776

Totals weighted for item nonresponse (none missing)

* Total number of times that people were served

Table E:58-B

Total Number of (People)* Served by Governing Authority

Governing Authority	Total Number Served	Average Number Served
Municipal	72,375,740	120,076
County/Regional	55,830,652	83,329
State	95,446,634	104,486
Federal	133,846,146	223,352
Pub Educ Institutions	20,810,994	64,026
Subtotal All Public Museums	378,310,166	111,995
Private Nonprofit	276,036,281	61,433
Other Private	22,935,885	650,650
Subtotal All Private Museums	298,972,166	62,425
All Museums	677,282,332	82,927

Total number served is less than Table E:58-A because of missing governing authority (equals 510,887)

* Total number of times that people were served

Table E:59-A

Total Number of School Children in Groups Served
by Type and Size

Museum Type	Number Children Served	Average Number Served	Number Museums Checking Figure Unavailable	Number Museums with No Response to Q59	Number Museums Giving Figure
Aquarium	1,210,629	62,792	1	0	19
Arbor/Bot Gard	657,770	3,407	105	20	193
Art	5,158,493	5,758	283	35	896
Children's	1,082,668	17,875	3	0	61
General	4,296,705	7,388	121	1	582
Historic Site	8,010,107	5,004	422	61	1,601
History Museum	7,061,405	3,610	408	36	1,956
Natural History	4,093,981	21,326	50	10	192
Nature Center	2,809,437	10,606	33	0	265
Planetarium	886,985	24,707	3	0	36
Science	4,087,816	31,262	46	7	131
Specialized	3,830,571	11,117	115	11	345
Zoo	5,640,423	57,153	31	3	99
Total	48,826,990	7,660	1,621	184	6,374
Museum Size					
Large	19,154,830	38,507	78	20	497
Medium	13,230,111	17,077	191	27	775
Small	16,442,048	3,223	1,352	137	5,102
Total	48,826,990	7,660	1,621	184	6,374

Number/percent missing: 184 / 2.2%

Table E:59-B

Total Number of School Children in Groups Served
by Governing Authority

Governing Authority	Number Children Served	Average Number Served	Number Checking Figure Unavailable	Number with No Response to Q59	Number Museums Giving Figure
Municipal	5,216,315	11,550	151	0	452
County/Regional	3,930,325	7,783	150	15	505
State	6,660,639	8,639	136	6	771
Federal	2,011,425	5,699	236	10	353
Pub Educ Institutions	2,451,956	6,151	179	15	399

Subtotal All Public Museums	20,270,660	8,176	853	46	2,479
Private Nonprofit	26,998,044	7,351	704	117	3,673
Other Private	1,394,964	6,448	59	20	216

Subtotal All Private Museums	28,393,007	7,301	763	137	3,889
All Museums	48,663,667	7,642	1,616	183	6,368

Total number of children served is less than Table E:59-A because of missing governing authority

Table E:60-A

Number of Museums That Offered Teacher Training on Use of Resources
by Museum Type and by Size

Museum Type	Number Offering Teacher Training	Percent of Type/Size Offering Teacher Training	Percent with No Response	Percent with No Response That Are Small
Aquarium	13	76.9%	14.8%	100.0%
Arbor/Bot Gard	56	19.0%	8.3%	54.3%
Art	372	42.4%	27.7%	82.8%
Children's	42	74.5%	10.9%	82.0%
General	147	28.6%	27.1%	76.9%
Historic Site	281	22.1%	39.0%	92.5%
History Museum	437	23.0%	20.9%	98.3%
Natural History	96	49.2%	22.2%	68.4%
Nature Center	124	73.4%	43.2%	81.2%
Planetarium	17	50.7%	15.5%	19.6%
Science	93	78.2%	35.2%	97.8%
Specialized	108	30.3%	24.0%	87.4%
Zoo	76	58.1%	2.3%	0.0%
Total	1,862	31.4%	27.5%	88.9%
Size				
Large	343	68.8%	16.2%	
Medium	501	59.7%	15.5%	
Small	1,018	22.2%	30.3%	
Total	1,862	31.4%	27.5%	

Number/percent missing: 2,248 / 27.5%

Table E:60-B

Number of Museums That Offered Teacher Training on Use of Resources
by Governing Authority

Governing Authority	Number Offering Teacher Training	Percent of Governing Authority Offering Training	Percent with No Response	Percent with No Response That Are Small
Municipal	105	27.8%	37.2%	86.3%
County/Regional	117	20.9%	16.2%	77.2%
State	205	31.9%	29.7%	99.6%
Federal	73	18.0%	32.5%	91.6%
Pub Educ Institutions	190	39.8%	19.7%	92.9%
Subtotal All Public Museums	689	28.0%	27.1%	91.1%
Private Nonprofit	1,067	33.0%	28.1%	87.5%
Other Private	51	22.2%	23.0%	86.3%
Subtotal All Public Museums	1,118	32.3%	27.8%	87.4%
Total All Museums	1,807	30.5%	27.5%	88.9%

Number/percent missing: 2,260 / 27.5%

Table F:63-A

Number of Museums That Have or Are Developing a Planned-Giving Program
by Museum Type and by Size

Museum Type	Number with Planned Giving	Percent of Type/Size with Planned Giving	Number Developing Planned Giving	Percent of Type/Size Developing Planned Giving	Percent with No Response	Percent with No Response That Are Small
Aquarium	9	44.9%	3	17.1%	4.9%	100.0%
Arbor/Bot Gard	92	30.6%	32	10.7%	5.5%	0.0%
Art	288	32.7%	244	27.7%	27.4%	79.4%
Children's	18	31.4%	10	16.7%	10.8%	82.7%
General	169	32.8%	48	9.3%	26.6%	76.0%
Historic Site	197	15.5%	188	14.8%	38.9%	88.8%
History Museum	465	24.9%	428	23.0%	22.3%	99.8%
Natural History	44	22.4%	32	16.4%	22.3%	59.0%
Nature Center	34	21.5%	27	17.5%	47.4%	78.3%
Planetarium	7	19.7%	6	15.1%	5.3%	100.0%
Science	17	13.8%	15	12.2%	31.2%	98.0%
Specialized	44	13.3%	69	20.7%	28.9%	92.8%
Zoo	52	41.4%	30	23.9%	5.4%	0.0%
Total	1,436	24.4%	1,133	19.2%	28.0%	87.1%
Size						
Large	202	40.2%	110	21.9%	15.4%	
Medium	240	30.4%	243	30.8%	20.6%	
Small	994	21.6%	780	17.0%	30.3%	
Total	1,436	24.4%	1,133	19.2%	28.0%	

Number/percent missing: 2,292 / 28.0%

Table F:63-B

Number of Museums That Have or Are Developing a Planned-Giving Program
by Governing Authority

Governing Authority	Number with Planned Giving	Percent of Governing Authority w. Planned Giving	Number Developing Planned Giving	Percent of Governing Authority w. Planned Giving	Percent with No Response	Percent with No Response That Are Small
Municipal	109	28.3%	80	20.9%	36.4%	82.1%
County/Regional	96	17.7%	86	15.8%	18.7%	92.3%
State	71	10.6%	128	19.3%	27.3%	96.5%
Federal	87	24.7%	13	3.7%	41.1%	82.7%
Pub Educ Institutions	175	34.9%	27	5.3%	15.5%	90.5%
Subtotal All Public Museums	537	22.0%	334	13.7%	27.6%	88.3%
Private Nonprofit	847	26.5%	757	23.6%	28.8%	86.5%
Other Private	50	21.8%	42	18.4%	23.0%	82.5%
Subtotal All Private Museums	897	26.2%	799	23.3%	28.4%	86.3%
Total All Museums	1,434	24.4%	1,133	19.3%	28.1%	87.1%

Number/percent missing: 2,302 / 28.1%

Table F:64-A

Number of Museums with a Membership Program
by Type and by Size

Museum Type	Number with Membership Program	Percent of Type/Size with Membership Program	Percent with No Response	Percent of Non- response Small
Aquarium	15	79.3%	4.9%	100.0%
Arbor/Bot Gard	174	55.7%	1.9%	0.0%
Art	717	79.1%	25.3%	88.8%
Children's	52	93.5%	13.1%	68.1%
General	432	83.6%	26.6%	76.0%
Historic Site	634	48.0%	36.7%	88.3%
History Museum	1,434	76.0%	21.4%	99.5%
Natural History	106	52.6%	20.1%	54.4%
Nature Center	96	59.2%	45.5%	81.6%
Planetarium	20	53.8%	5.3%	100.0%
Science	102	82.4%	32.8%	97.3%
Specialized	186	56.5%	29.9%	93.1%
Zoo	123	92.3%	0.0%	---
Total	4,090	68.1%	26.6%	89.0%
Size				
Large	443	84.8%	12.2%	
Medium	674	81.6%	16.9%	
Small	2,973	63.9%	29.4%	
Total	4,090	68.1%	26.6%	

Number/percent missing: 2,188 / 27%

Table F:64-B
 Number of Museums with Membership Program
 by Governing Authority

Governing Authority	Number with Membership Program	Percent of Governing Authority with Membership Program	Percent with No Response
Municipal	201	52.7%	36.7%
County/Regional	320	56.0%	14.6%
State	211	31.8%	27.3%
Federal	96	27.2%	41.1%
Pub Educ Institutions	214	43.3%	16.4%
Subtotal All Public Museums	1,042	42.3%	27.0%
Private Nonprofit	2,948	89.5%	26.7%
Other Private	93	40.6%	22.2%
Subtotal All Private Museums	3,041	86.3%	26.4%
Total All Museums	4,084	68.2%	26.7%

Number/percent missing: 2,194 / 27.0%

Table F:65-A

Total Number of Members by Museum Type and Size

Museum Type	Total Number Members	Mean Number Members	Median Number Members	Percent with No Response	Percent of Non-response Small
Aquarium	105,912	8,179	3,840	16.4%	30.0%
Arbor/Bot Gard	218,647	1,350	575	5.6%	0.0%
Art	1,572,076	2,492	500	32.4%	77.6%
Children's	47,991	999	565	19.0%	77.9%
General	469,802	1,311	231	37.0%	80.8%
Historic Site	236,989	486	350	43.7%	89.1%
History Museum	634,265	514	327	29.7%	99.3%
Natural History	785,154	8,316	650	24.6%	50.6%
Nature Center	432,488	5,109	650	49.3%	78.8%
Planetarium	7,735	473	60	13.8%	38.5%
Science	296,990	3,031	751	34.8%	95.2%
Specialized	384,185	2,515	392	37.0%	89.1%
Zoo	1,095,413	9,456	3,000	5.7%	25.8%
Subtotal	6,287,648	1,798	406	33.9%	87.1%
Smithsonian *	2,600,000				
	8,887,648				

Number who said yes to question 64 ("Do you have a membership program?") and who did not answer question 65: 514 museums (6%)

* Smithsonian membership is one program for 8 art museums, 1 history museum, 1 natural history museum, 1 science museum, and 1 zoo.

Museum Size

Large	4,143,959	10,658	3630	21.3%
Medium	772,103	1,266	750	23.3%
Small	1,371,586	549	348	36.6%
Total	6,287,648	1,798	406	33.9%

See note on Table F:65-A about general nonresponse to membership programs

Table F:65-B

Total Number of Members by Governing Authority

Museum Type	Total Number Members	Mean Number Members	Median Number Members	Percent with No Response	Percent of Non-response Small
Municipal	484,187	2,628	650	39.4%	85.2%
County/Regional	374,226	1,357	225	21.2%	89.6%
State	167,491	1,299	200	36.3%	97.4%
Federal	13,372	188	165	45.2%	75.0%
Pub Educ Institutions	86,153	443	150	19.8%	76.2%
Subtotal	1,125,429	1,317	225	32.6%	86.0%
Smithsonian*	2,600,000				
Subtotal All Public Museums	3,725,429				
Private Nonprofit	4,826,276	1,884	437	35.3%	87.9%
Other Private	114,480	1,535	392	28.7%	85.9%
Subtotal All Private Museums	4,940,757	1,137	435	33.5%	86.8%
Total All Museums	8,666,186	1,667	406	33.3%	86.6%

Number who said yes to question 64 ("Do you have a membership program?") and who did not answer question 65: 514 museums (6%)

* Smithsonian membership is one program for 12 federal museums

Table F:66-A

Median Membership Fee by Museum Type and by Size

Museum Type	Median Membership Fee		Percent with No Response	Percent of Non-response Small
	Individual	Family		
Aquarium	\$20.00	\$35.00	4.9%	100.0%
Arbor/Bot Gard	\$20.00	\$30.00	6.7%	66.2%
Art	\$25.00	\$30.00	28.8%	80.7%
Children's	\$20.00	\$30.00	10.8%	82.7%
General	\$10.00	\$24.00	33.0%	74.6%
Historic Site	\$10.00	\$15.00	39.3%	88.9%
History Museum	\$10.00	\$15.00	25.5%	98.2%
Natural History	\$20.00	\$30.00	23.8%	59.6%
Nature Center	\$15.00	\$25.00	45.5%	81.6%
Planetarium	\$25.00	\$30.00	5.3%	100.0%
Science	\$20.00	\$35.00	34.1%	93.4%
Specialized	\$20.00	\$25.00	31.9%	93.5%
Zoo	\$20.00	\$25.00	3.3%	0.0%
All Museums	\$15.00	\$25.00	30.1%	87.6%
Museum Size				
Large	\$25.00	\$35.00	21.5%	
Medium	\$20.00	\$35.00	17.8%	
Small	\$10.00	\$15.00	32.7%	
All Museums	\$15.00	\$25.00	30.1%	

Number who said yes to question 64 ("Do you have a membership program?")
and who did not answer question 66: 259 museums (3%)

See Table F:65-A for general response rate

Maximum fee: see Table F:66-B

Table F:66-B

Median Membership Fee by Governing Authority

Museum Type	Median Membership Fee		Percent with No Response
	Individual	Family	
Municipal	\$15.00	\$25.00	37.0%
County/Regional	\$10.00	\$15.00	18.9%
State	\$13.00	\$20.00	27.3%
Federal	\$10.00	\$15.00	46.1%
Pub Educ Institutions	\$20.00	\$25.00	18.6%
All Public Museums	\$15.00	\$25.00	29.2%
Private Nonprofit	\$15.00	\$25.00	31.1%
Other Private	\$25.00	\$35.00	25.4%
All Private Museums	\$15.00	\$25.00	30.7%
All Museums	\$15.00	\$25.00	30.1%

Number who said yes to question 64 ("Do you have a membership program?") and who did not answer question 66: 259 museums (3%)

Maximum Fees:

Individual	\$500, two at \$100
Family	\$125, six at \$100

Table F:67-A

Number of Museums That Have a Formally Approved Budget
by Museum Type and by Size

Museum Type	Number w. Formally Approved Budget	Percent of Type/Size w. Formally Approved Budget	Percent with No Response	Percent with No Response That Are Small
Aquarium	18	94.8%	4.9%	100.0%
Arbor/Bot Gard	241	80.9%	6.4%	71.1%
Art	759	89.8%	30.4%	81.4%
Children's	53	100.0%	16.6%	74.7%
General	337	65.8%	27.2%	76.5%
Historic Site	916	78.0%	43.6%	89.9%
History Museum	1,495	81.8%	23.9%	99.6%
Natural History	143	76.1%	25.4%	65.6%
Nature Center	150	96.0%	47.4%	78.3%
Planetarium	29	80.1%	5.3%	100.0%
Science	81	68.4%	35.4%	96.8%
Specialized	265	79.9%	29.4%	91.2%
Zoo	127	100.0%	4.8%	100.0%
Total	4,615	81.1%	30.5%	88.6%
Size				
Large	482	95.2%	15.0%	
Medium	775	97.1%	19.6%	
Small	3,359	76.6%	33.5%	
Total	4,615	81.1%	30.5%	

Number/percent missing: 2,491 / 30.4%

Table F:67-B

Number of Museums That Have a Formally Approved Budget
by Governing Authority

Governing Authority	Number w. Formally Approved Budget	Percent of Governing w. Formally Approved Budget	Percent with No Response	Percent with No Response That Are Small
Municipal	367	98.3%	38.1%	85.5%
County/Regional	486	85.0%	14.6%	93.7%
State	511	82.1%	31.9%	97.0%
Federal	329	96.0%	42.8%	82.5%
Pub Educ Institutions	346	69.2%	15.7%	91.8%
Subtotal All Public Museums	2,038	84.6%	28.7%	89.6%
Private Nonprofit	2,462	79.9%	31.5%	88.0%
Other Private	108	57.8%	36.7%	87.9%
Subtotal All Private Museums	2,570	78.7%	31.8%	88.0%
Total All Museums	4,608	81.2%	30.5%	88.6%

Number/percent missing: 2,498 / 30.5%

Table F:69-A

Number of Museums That Capitalize Additions
to the Collection by Type and by Size

Museum Type	Number That Capitalize Additions	Percent of Type/Size That Capitalize Additions	Number Museums Responding
Aquarium	2	11.5%	20
Arbor/Bot Gard	54	17.3%	312
Art	358	32.0%	1,119
Children's	28	49.8%	57
General	143	20.6%	694
Historic Site	428	20.6%	2,080
History Museum	335	14.3%	2,334
Natural History	25	10.3%	241
Nature Center	60	21.8%	273
Planetarium	6	16.9%	37
Science	93	50.8%	184
Specialized	127	28.1%	451
Zoo	31	23.5%	132
Total	1,691	21.3%	7,934
Size			
Large	142	24.9%	572
Medium	327	34.2%	955
Small	1,222	19.1%	6,407
Total	1,691	21.3%	7,934

Number/percent missing: 245 / 3.0%

Table F:69-B

Number of Museums That Capitalize Additions
to the Collection by Governing Authority

Governing Authority	Number That Capitalize Additions	Percent of Governing Authority That Capitalize Additions	Number Museums Responding
Municipal	126	21.0%	598
County/Regional	88	13.2%	664
State	216	23.6%	913
Federal	57	9.5%	593
Pub School District	4	7.8%	46
Pub College/Univ	80	15.7%	511
Subtotal All Public Museums	570	17.1%	3,325
Private Nonprofit	1,081	25.0%	4,317
Priv College/Univ	33	23.3%	140
Priv Elem/Sec School	2	100.0%	2
Church	5	8.4%	57
Other	1	1.6%	80
Subtotal All Private Museums	1,121	24.4%	4,597
Total All Museums	1,691	21.3%	7,922

Number/percent missing: 257 / 3.1%

Table F:69-C

Total Numbers in Collections That Are Capitalized

Collection Capitalized?	Total Number of Objects/ Specimen	Total Number of Lots/Taxa/ Populations	Total Cubic Feet Archival Material	Total Linear Feet Archival Material
Yes	136,435,629	1,463,753	128,185	166,137
No	600,551,423	9,784,720	3,380,446	12,564,211
Blank	863,672	75,619	2,513	9,085
Total	737,850,724	11,324,092	3,511,144	12,739,433

Collection Capitalized?	Percent	Percent	Percent	Percent
Yes	18.5%	12.9%	3.7%	1.3%
No	81.4%	86.4%	96.3%	98.6%
Blank	0.1%	0.7%	0.1%	0.1%
Total	100.0%	100.0%	100.0%	100.0%

Collection Capitalized?	Total Linear Feet of Books	Total Number of Volumes of Books	Total Number of Sites/ Structures	Total Number of Acres
Yes	75,748	470,092	4,793	73,206
No	102,955	5,592,926	10,193	4,250,304
Blank	0	61,547	62	15,267
Total	178,703	6,124,565	15,048	4,338,777

Collection Capitalized?	Percent	Percent	Percent	Percent
Yes	42.4%	7.7%	31.8%	1.7%
No	57.6%	91.3%	67.7%	98.0%
Blank	0.0%	1.0%	0.4%	0.4%
Total	100.0%	100.0%	100.0%	100.0%

Table F:69-D

Number of Museums That Capitalize Additions
to the Collection by Year of Establishment and Type & Size

	Established pre-1970	Established 1970-1979	Established 1980 and After
Total Number Museums	4,921	2,364	894
Number That Capitalize	895	585	211
Percent That Capitalize	18.2%	24.8%	23.6%

Number That Capitalize Collections by Type

Museum Type			
Aquarium	1	1	0
Arbor/Bot Gard	36	12	6
Art	211	100	48
Children's	5	13	10
General	57	51	35
Historic Site	222	178	28
History Museum	192	115	28
Natural History	20	3	3
Nature Center	12	27	21
Planetarium	6	0	0
Science	38	45	10
Specialized	64	40	23
Zoo	31	0	0
Total	895	585	211

Museum Type	Percent of Those That Capitalize by Type		
Aquarium	0.1%	0.2%	0.0%
Arbor/Bot Gard	4.0%	2.0%	2.8%
Art	23.6%	17.1%	22.6%
Children's	0.5%	2.3%	4.9%
General	6.4%	8.8%	16.5%
Historic Site	24.9%	30.4%	13.0%
History Museum	21.5%	19.7%	13.0%
Natural History	2.2%	0.4%	1.2%
Nature Center	1.3%	4.6%	9.9%
Planetarium	0.7%	0.0%	0.0%
Science	4.2%	7.7%	4.9%
Specialized	7.1%	6.8%	11.1%
Zoo	3.5%	0.0%	0.0%
Total	100.0%	100.0%	100.0%

Size	Number That Capitalize Collections by Size		
Large	129	12	2
Medium	225	47	55
Small	541	527	153
Total	895	585	211

Size	Percent of Those That Capitalize by Size		
Large	14.4%	2.0%	1.0%
Medium	25.1%	8.0%	26.1%
Small	60.5%	90.1%	72.8%
Total	100.0%	100.0%	100.0%

Number/percent missing: 278 / 3.4%

Table F:71/72-A

Number of Museums with an Endowment and with a Policy on Endowment by Type and by Size

Museum Type	Number with Endowment	Percent of Type with Endowment	Number with Endowment Policy	Percent of Type with Endowment That Have Policy
Aquarium	7	44.3%	6	84.9%
Arbor/Bot Gard	136	56.2%	86	63.2%
Art	553	53.8%	350	63.4%
Children's	31	61.2%	10	33.4%
General	323	57.4%	155	48.0%
Historic Site	628	35.3%	235	37.4%
History Museum	1,057	60.5%	502	47.5%
Natural History	104	44.8%	61	58.6%
Nature Center	117	46.1%	37	31.8%
Planetarium	9	36.0%	7	78.1%
Science	79	44.5%	26	32.6%
Specialized	181	49.8%	77	42.6%
Zoo	36	37.0%	17	48.3%
Total	3,261	49.6%	1,570	48.1%
Museum Size				
Large	408	74.2%	277	67.9%
Medium	516	65.5%	300	58.0%
Small	2,338	44.6%	994	42.5%
Total	3,262	49.6%	1,570	48.1%

Number/percent missing: 1,579 / 19%

Table F:71/72-B

Number of Museums with an Endowment and with a Policy
on Endowment by Governing Authority

Governing Authority	Number with Endowment	Percent of Gov Auth with Endowment	Number with Endowment Policy	Percent of Gov Auth w. Endowment That Have Policy
Municipal	134	26.4%	57	42.5%
County/Regional	127	32.1%	36	28.3%
State	135	18.5%	62	45.7%
Federal	89	20.4%	25	28.3%
Pub Educ Institutions	236	48.5%	125	53.0%
Subtotal All Public Museums	720	28.2%	305	42.3%
Private Nonprofit	2,417	64.2%	1,209	50.0%
Other Private	124	53.0%	54	43.8%
Subtotal All Private Museums	2,540	63.2%	1,264	49.8%
Total All Museums	3,261	49.6%	1,568	48.1%

Number/percent missing: 1,579 / 19%

Table F:71/72-C

Number of Museums with an Endowment and with a Policy on Endowment by Size within Type

Museum Type	Number with Endowment	Percent of Type with Endowment	Percentage Break-out by Size		
			Large	Medium	Small
Aquarium	7	44.3%	39.6%	30.2%	30.2%
Arbor/Bot Gard	136	56.2%	11.9%	38.7%	49.3%
Art	553	53.8%	27.1%	26.6%	42.9%
Children's	31	61.2%	23.0%	28.4%	48.6%
General	323	57.4%	15.9%	21.3%	62.7%
Historic Site	628	35.3%	3.2%	7.3%	89.4%
History Museum	1,057	60.5%	3.1%	6.4%	90.4%
Natural History	104	44.8%	35.0%	32.1%	31.8%
Nature Center	117	46.1%	1.1%	33.7%	65.2%
Planetarium	9	36.0%	12.5%	24.5%	63.0%
Science	79	44.5%	17.9%	25.4%	55.0%
Specialized	181	49.8%	21.1%	10.4%	68.5%
Zoo	36	37.0%	39.6%	24.7%	35.7%
Total	3,261	49.6%	11.8%	15.8%	71.7%

Table F:71-D

Endowment Amount by Type & Size and Governing Authority & Size

Museum Type	Total for All Sizes	Large	Medium	Small	
Aquarium	\$22,900,840	\$20,390,840	\$2,500,000	\$10,000	
Arbor/Bot Gard	\$636,492,628	\$530,432,563	\$63,813,165	\$42,246,900	
Art	\$10,541,334,046	\$10,237,756,540	\$228,138,695	\$75,438,811	
Children's	\$91,456,884	\$89,805,145	\$916,955	\$734,784	
General	\$531,792,687	\$473,046,047	\$34,937,412	\$23,809,228	--- Includes All Smithsonian Museums (\$220,829,000)
Historical Site	\$457,503,227	\$323,994,217	\$49,471,007	\$84,038,003	
History Museum	\$654,530,305	\$429,061,080	\$81,157,401	\$144,311,824	
Natural History	\$461,267,917	\$420,364,838	\$26,106,456	\$14,796,623	
Nature Center	\$79,947,104	\$3,449,136	\$55,506,509	\$20,991,458	
Planetarium	\$18,235,626	\$6,335,176	\$11,500,000	\$400,450	
Science	\$138,667,725	\$111,634,773	\$20,381,795	\$6,651,158	
Specialized	\$255,195,572	\$209,592,186	\$33,583,700	\$12,019,686	
Zoo	\$38,183,344	\$37,759,589	\$309,300	\$114,455	
Total	\$13,927,507,904	\$12,893,622,130	\$608,322,393	\$425,563,380	

Governing Auth	Total for All Sizes	Large	Medium	Small	
Municipal	\$124,252,517	\$108,795,265	\$11,661,397	\$3,795,855	
County/Regional	\$42,352,021	\$34,380,497	\$166,320	\$7,805,204	
State	\$37,706,184	\$17,914,047	\$17,579,625	\$2,212,512	
Federal	\$235,189,000	\$221,429,000	\$0	\$13,760,000	--- Includes All Smithsonian Museums (\$220,829,000)
Pub School Dist	\$159,250	\$0	\$0	\$159,250	
Pub College/Univ	\$97,972,899	\$10,236,928	\$66,944,947	\$20,791,024	
All Public	\$537,631,871	\$392,755,736	\$96,352,289	\$48,523,845	
Private Nonprofit	\$12,438,339,977	\$11,604,335,489	\$490,911,743	\$343,092,745	
Priv College/Univ	\$529,590,173	\$474,654,382	\$21,058,361	\$33,877,430	
Priv Elem/Sec Sch	\$0	\$0	\$0	\$0	
Church	\$0	\$0	\$0	\$0	
Other	\$404,279,540	\$404,210,180	\$0	\$69,360	
All Private	\$13,372,209,690	\$12,483,200,051	\$511,970,104	\$377,039,535	
All Museums	\$13,909,841,561	\$12,875,955,787	\$608,322,393	\$425,563,380	

* Those with missing governing authority make up the difference between totals.
 ** All Smithsonian museums are Large.

Table F:71-E

Percent of Endowment by Type & Size and Governing Authority & Size

Museum Type	Percent for All Sizes	Percent That Is Large	Percent That Is Medium	Percent That Is Small
Aquarium	100.0%	89.0%	10.9%	0.0%
Arbor/Bot Gard	100.0%	83.3%	10.0%	6.6%
Art	100.0%	97.1% *	2.2%	0.7%
Children's	100.0%	98.2%	1.0%	0.8%
General	100.0%	89.0%	6.6%	4.5%
Historic Site	100.0%	70.8%	10.8%	18.4%
History Museum	100.0%	65.6%	12.4%	22.0%
Natural History	100.0%	91.1%	5.7%	3.2%
Nature Center	100.0%	4.3%	69.4%	26.3%
Planetarium	100.0%	34.7%	63.1%	2.2%
Science	100.0%	80.5%	14.7%	4.8%
Specialized	100.0%	82.1%	13.2%	4.7%
Zoo	100.0%	98.9%	0.8%	0.3%
Total	100.0%	92.6%	4.4%	3.1%

Governing Auth	Percent for All Sizes	Percent That Is Large	Percent That Is Medium	Percent That Is Small
Municipal	100.0%	87.6%	9.4%	3.1%
County/Regional	100.0%	81.2%	0.4%	18.4%
State	100.0%	47.5%	46.6%	5.9%
Federal	100.0%	94.1%	0.0%	5.9%
Pub Educ Institutions	100.0%	10.4%	68.2%	21.3%
All Public Museums	100.0%	73.1%	17.9%	9.0%
Private Nonprofit	100.0%	93.3%	3.9%	2.8%
Other Private	100.0%	94.1%	2.3%	3.6%
All Private Museums	100.0%	93.4%	3.8%	2.8%
All Museums	100.0%	92.6%	4.4%	3.1%

* Large art museums account for 73.5% of all the endowments

Table F:73-A

Total, Average, and Median Total Operating Income (FY1988)
by Museum Type and by Size

Museum Type	Total Operating Income	Average Total Operating Income	Median Total Operating Income
Aquarium	\$70,551,650	\$3,478,878	\$760,000
Arbor/Bot Gard	\$187,567,276	\$589,853	\$101,200
Art	\$1,184,181,671	\$990,881	\$192,934
Children's	\$39,248,910	\$616,056	\$328,601
General	\$542,180,455	\$745,278	\$22,775
Historic Site	\$500,242,102	\$240,047	\$70,000
History Museum	\$471,149,623	\$196,336	\$53,266
Natural History	\$300,736,537	\$1,200,737	\$166,684
Nature Center	\$67,927,548	\$228,182	\$155,505
Planetarium	\$16,826,607	\$436,714	\$164,355
Science	\$223,892,207	\$1,228,894	\$175,000
Specialized	\$244,624,840	\$520,600	\$137,263
Zoo	\$545,610,562	\$4,127,410	\$1,703,627
All Museums	\$4,394,739,987	\$537,311	\$86,656
Museum Size			
Large	\$2,988,821,392	\$5,020,782	\$2,176,528
Medium	\$669,128,288	\$674,232	\$559,000
Small	\$736,790,306	\$111,780	\$57,470
All Museums	\$4,394,739,987	\$537,311	\$86,656

Data weighted for missing values using median value for size within type

Table F:73-B

Total, Average, and Median Total Operating Income (FY1988)
by Governing Authority

Governing Authority	Total Operating Income	Average Total Operating Income	Median Total Operating Income
Municipal	\$329,327,501	\$546,375	\$125,346
County/Regional	\$364,888,099	\$544,609	\$41,610
State	\$260,083,736	\$284,714	\$82,315
Federal	\$615,877,259	\$1,025,881	\$156,000
Pub Educ Institutions	\$156,569,578	\$264,288	\$75,000
Total All Public Museums	\$1,726,746,173	\$511,023	\$97,000
Private Nonprofit	\$2,451,584,215	\$545,614	\$795,000
Other Private	\$210,319,712	\$710,444	\$100,000
Total All Private Museums	\$2,661,903,927	\$555,802	\$79,982
All Museums	\$4,388,650,100	\$537,278	\$86,656

* Totals do not add to Table F:73-A because of missing governing authority

Table F:73-C

Total FY1988 Operating Income (with Subtotals) by Museum Type

Museum Type	Parent/Friend Organizations	Government Sources	Private Sources
Aquarium	\$1,192,944	\$13,013,733	\$1,547,099
Arbor/Bot Gard	\$16,661,535	\$46,065,260	\$21,683,017
Art	\$94,683,255	\$211,815,507	\$226,935,887
Children's	\$1,381,655	\$7,321,480	\$11,479,729
General	\$40,515,375	\$311,932,961	\$55,839,226
Historic Site	\$56,661,018	\$134,524,429	\$32,073,145
History Museum	\$35,001,947	\$158,022,373	\$52,498,792
Natural History	\$40,814,578	\$86,412,905	\$40,776,258
Nature Center	\$4,300,937	\$7,585,962	\$6,843,396
Planetarium	\$4,021,857	\$4,716,090	\$864,386
Science	\$3,431,817	\$50,762,839	\$25,995,416
Specialized	\$17,142,878	\$49,295,253	\$57,246,621
Zoo	\$52,795,546	\$134,807,219	\$35,680,922
Total	\$368,605,343	\$1,216,276,010	\$569,463,894

	Investment Income	Earned Income	Total Income as Sum of Subtotals
Aquarium	\$2,846,601	\$50,344,926	\$68,945,303
Arbor/Bot Gard	\$27,751,998	\$31,553,067	\$143,714,877
Art	\$200,908,249	\$290,387,375	\$1,024,730,272
Children's	\$4,897,425	\$13,306,750	\$38,387,039
General	\$30,697,487	\$75,173,561	\$514,158,610
Historic Site	\$30,301,027	\$109,691,332	\$363,250,952
History Museum	\$50,336,171	\$86,402,477	\$382,261,760
Natural History	\$31,141,779	\$58,509,178	\$257,654,698
Nature Center	\$4,735,861	\$7,488,368	\$30,954,525
Planetarium	\$108,917	\$6,464,107	\$16,175,357
Science	\$8,908,271	\$99,083,361	\$188,181,704
Specialized	\$26,335,990	\$53,126,433	\$203,147,174
Zoo	\$7,973,506	\$249,109,481	\$480,366,674
Total	\$426,943,282	\$1,130,640,416	\$3,711,928,945

<-- Includes All Smithsonian Museums

* Sum of subtotals is less than reported total due to nonresponse in subsidiary lines and question 73 nonresponse

Number/percent missing: 306 / 3.7%

Table F:73-D

Percentage of Total FY1988 Operating Income
by Subtotals for Museum Type

Museum Type	Parent/Friend Organizations	Government Sources	Private Sources
Aquarium	1.7%	18.9%	2.2%
Arbor/Bot Gard	11.6%	32.1%	15.1%
Art	9.2%	20.7%	22.1%
Children's	3.6%	19.1%	29.9%
General	7.9%	60.7%	10.9%
Historic Site	15.6%	37.0%	8.8%
History Museum	9.2%	41.3%	13.7%
Natural History	15.8%	33.5%	15.8%
Nature Center	13.9%	24.5%	22.1%
Planetarium	24.9%	29.2%	5.3%
Science	1.8%	27.0%	13.8%
Specialized	8.4%	24.3%	28.2%
Zoo	11.0%	28.1%	7.4%
Total	9.9%	32.8%	15.3%

Museum Type	Investment Income	Earned Income	Total Income as Sum of Subtotals
Aquarium	4.1%	73.0%	100.0%
Arbor/Bot Gard	19.3%	22.0%	100.0%
Art	19.6%	28.3%	100.0%
Children's	12.8%	34.7%	100.0%
General	6.0%	14.6%	100.0%
Historic Site	8.3%	30.2%	100.0%
History Museum	13.2%	22.6%	100.0%
Natural History	12.1%	22.7%	100.0%
Nature Center	15.3%	24.2%	100.0%
Planetarium	0.7%	40.0%	100.0%
Science	4.7%	52.7%	100.0%
Specialized	13.0%	26.2%	100.0%
Zoo	1.7%	51.9%	100.0%
Total	11.5%	30.5%	100.0%

Table F:73-E

Total FY1988 Operating Income (with Subtotals) by Museum Type
(Parent/Friend Income Allocated to Government or Private
According to Governing Authority)

Museum Type	Parent/Friend Organizations	Government Sources	Private Sources	
Aquarium	"Friend"	\$13,697,677	\$2,056,099	
Arbor/Bot Gard	Income	\$58,665,473	\$25,744,339	
Art	Allocated to	\$264,235,848	\$269,198,800	
Children's	"Private" Total	\$7,929,892	\$12,252,972	
General		\$329,652,470	\$78,424,722	
Historic Site	"Parent"	\$181,476,820	\$41,145,506	
History Museum	Income	\$174,639,433	\$70,857,297	
Natural History	Split	\$115,917,754	\$52,085,987	
	According to			
Nature Center	Governing	\$10,434,964	\$8,295,332	
Planetarium	Authority	\$8,715,241	\$887,092	
Science		\$52,520,728	\$27,669,344	
Specialized		\$56,440,413	\$67,244,338	
Zoo		\$179,165,204	\$44,118,484	
Total		\$1,453,491,917	\$699,980,311	
	Investment Income	Earned Income	Total Income as Sum of Subtotals	
Aquarium	\$2,846,601	\$50,344,926	\$68,945,303	
Arbor/Bot Gard	\$27,751,998	\$31,553,067	\$143,714,877	
Art	\$200,908,249	\$290,387,375	\$1,024,730,272	
Children's	\$4,897,425	\$13,306,750	\$38,387,039	
General	\$30,697,487	\$75,173,561	\$513,948,240	<-- Includes All Smithsonian Museums
Historic Site	\$30,301,027	\$109,691,332	\$362,614,685	
History Museum	\$50,336,171	\$86,402,477	\$382,235,378	
Natural History	\$31,141,779	\$58,509,178	\$257,654,698	
Nature Center	\$4,735,861	\$7,488,368	\$30,954,525	
Planetarium	\$108,917	\$6,464,107	\$16,175,357	
Science	\$8,908,271	\$99,083,361	\$188,181,704	
Specialized	\$26,335,990	\$53,126,433	\$203,147,174	
Zoo	\$7,973,506	\$249,109,481	\$480,366,674	
Total	\$426,943,282	\$1,130,640,416	\$3,711,055,926	**

** Sum of subtotals is less than reported total due to nonresponse
in subsidiary lines and question 73 nonresponse
See notes on Table F:74-C about nonresponse

Table F:73-F

Percentage of Total FY1988 Operating Income
(Parent/Friend Income Allocated to Government or Private
According to Governing Authority*)

Museum Type	Parent/Friend Organizations	Government Sources	Private Sources
Aquarium	0.0%	19.9%	3.0%
Arbor/Bot Gard	0.0%	40.8%	17.9%
Art	0.0%	25.8%	26.3%
Children's	0.0%	20.7%	31.9%
General	0.0%	64.1%	15.3%
Historic Site	0.0%	50.0%	11.3%
History Museum	0.0%	45.7%	18.5%
Natural History	0.0%	45.0%	20.2%
Nature Center	0.0%	33.7%	26.8%
Planetarium	0.0%	53.9%	5.5%
Science	0.0%	27.9%	14.7%
Specialized	0.0%	27.8%	33.1%
Zoo	0.0%	37.3%	9.2%
Total	0.0%	39.2%	18.9%
	Investment Income	Earned Income	Total Income as Sum of Subtotals
Aquarium	4.1%	73.0%	100.0%
Arbor/Bot Gard	19.3%	22.0%	100.0%
Art	19.6%	28.3%	100.0%
Children's	12.8%	34.7%	100.0%
General	6.0%	14.6%	100.0%
Historic Site	8.4%	30.3%	100.0%
History Museum	13.2%	22.6%	100.0%
Natural History	12.1%	22.7%	100.0%
Nature Center	15.3%	24.2%	100.0%
Planetarium	0.7%	40.0%	100.0%
Science	4.7%	52.7%	100.0%
Specialized	13.0%	26.2%	100.0%
Zoo	1.7%	51.9%	100.0%
Total	11.5%	30.5%	100.0%

Percentages in this table based on figures in Table F:73-E

See Table F:73-E for notes on nonresponse

* Income from parent organization assigned to government or private sources
according to governing authority; income from Friends assigned to private sources

Table F:73-G

Total Operating Income and Net Operating Income
by Museum Type and by Size

Museum Type	Total Operating Income	Amount Returned to Parent Org	Net Operating Income
Aquarium	\$70,551,650	\$0	\$70,551,650
Arbor/Bot Gard	\$187,567,276	\$4,704,609	\$182,862,667
Art	\$1,184,181,671	\$3,633,898	\$1,180,547,773
Children's	\$39,248,910	\$0	\$39,248,910
General	\$542,180,455	\$991,689	\$541,188,766
Historic Site	\$500,242,102	\$3,527,651	\$496,714,451
History Museum	\$471,149,623	\$8,028,519	\$463,121,104
Natural History	\$300,736,537	\$474,122	\$300,262,415
Nature Center	\$67,927,548	\$1,843,890	\$66,083,658
Planetarium	\$16,826,607	\$967,564	\$15,859,043
Science	\$223,892,207	\$532,322	\$223,359,885
Specialized	\$244,624,840	\$67,997,351	\$176,627,489
Zoo	\$545,610,562	\$15,016,293	\$530,594,269
All Museums	\$4,394,739,987	\$107,717,908	\$4,287,022,078
Museum Size			
Large	\$2,988,821,392	\$80,743,709	\$2,908,077,683
Medium	\$669,128,288	\$16,627,128	\$652,501,161
Small	\$736,790,306	\$10,347,071	\$726,443,235
All Museums	\$4,394,739,987	\$107,717,908	\$4,287,022,078

Data weighted for missing values using median value for size within type

Table F:73-H

Total Operating Income and Net Operating Income
by Governing Authority

Governing Authority	Total Operating Income	Amount Returned to Parent Org	Net Operating Income
Municipal	\$329,327,501	\$15,017,225	\$314,310,276
County/Regional	\$364,888,099	\$12,261,174	\$352,626,925
State	\$260,083,736	\$4,429,558	\$255,654,178
Federal	\$615,877,259	\$286,140	\$615,591,119
Pub Educ Institutions	\$156,569,578	\$1,846,936	\$154,722,642
Total All Public Museums	\$1,726,746,173	\$33,841,032	\$1,692,905,140
Private Nonprofit	\$2,451,584,215	\$73,876,876	\$2,377,707,339
Other Private	\$210,319,712	\$0	\$210,319,712
Total All Private Museums	\$2,661,903,927	\$73,876,876	\$2,588,027,051
All Museums	\$4,388,650,100	\$107,717,908	\$4,280,932,192

* Totals do not add to Table F:73-G because of missing governing authority

Table F:73-I

Median Total Operating income
by Museum Type & Size and
by Governing Authority & Size

Museum Type	Large	Medium	Small
Aquarium	\$10,512,974	\$2,295,303	\$480,000
Arbor/Bot Gard	\$3,250,000	\$426,462	\$40,000
Art	\$2,212,100	\$475,324	\$84,000
Children's	\$2,264,903	\$561,918	\$140,980
General	\$1,659,087	\$582,000	\$16,127
Historic Site	\$1,000,000	\$512,000	\$58,900
History Museum	\$1,992,095	\$616,128	\$49,000
Natural History	\$2,205,681	\$530,914	\$60,200
Nature Center	\$1,121,001	\$525,000	\$100,000
Planetarium	\$3,463,318	\$505,000	\$60,000
Science	\$6,017,000	\$1,861,600	\$66,100
Specialized	\$1,500,000	\$559,000	\$76,000
Zoo	\$7,958,222	\$1,882,730	\$416,000
Governing Authority			
Municipal	\$1,000,000	\$775,900	\$63,000
County/Regional	\$4,819,465	\$525,000	\$29,168
State	\$2,042,400	\$575,500	\$75,000
Federal	\$4,371,000	\$451,000	\$122,000
Pub Educ Institutions	\$1,500,000	\$448,949	\$49,156
Private Nonprofit	\$2,117,700	\$550,069	\$52,601
Other Private	\$2,918,423	\$538,000	\$60,244

Number/percent missing: 306 / 3.7%

Table F:73-J

Total Operating Income versus Weeks Open
(Number of Museums)

Income in 1,000's	All Museums	Number Open 52 Weeks	Number Open 40 - 51 Weeks	Number Open 26 - 39 Weeks	Number Open under 26 Weeks
All Museums	8,179	4,941	1,597	627	1,014
Under \$10	845	262	224	97	262
\$10-\$49	2,048	939	508	252	350
\$50-\$99	1,437	1,021	202	33	180
\$100-\$249	1,645	1,095	332	121	97
\$250-\$499	853	551	159	71	72
\$500-\$999	619	444	131	5	39
\$1000-\$2999	471	382	33	45	11
\$3000-\$4999	121	113	5	1	1
\$5000-\$9999	62	59	1	2	0
\$10,000-\$49,999	50	48	1	0	1
\$50,000 and over	5	4	0	0	1
"Smithsonians"	24	24			

* All Smithsonian museums have income reported as a single gross figure; the weighted value of all Smithsonian museums equals 24.

Attendance and income data weighted for missing values using medians of size within type

Table F:74-A

Personnel and Total Operating Expenses by Museum Type (FY1988)

Museum Type	Total Personnel Expenses	Average Personnel Expenses	Median Personnel Expenses
Aquarium	\$30,048,421	\$1,481,678	\$296,604
Arbor/Bot Gard	\$101,009,072	\$376,590	\$20,000
Art	\$518,117,850	\$454,649	\$72,500
Children's	\$20,922,783	\$328,407	\$177,404
General	\$331,863,006	\$517,509	\$13,000
Historic Site	\$241,081,394	\$122,096	\$39,020
History Museum	\$227,998,676	\$102,877	\$21,100
Natural History	\$178,439,316	\$732,419	\$100,000
Nature Center	\$39,875,928	\$146,307	\$84,150
Planetarium	\$8,745,690	\$252,620	\$121,998
Science	\$106,006,254	\$617,572	\$54,000
Specialized	\$118,733,316	\$274,433	\$67,669
Zoo	\$256,726,441	\$1,949,180	\$635,427
All Museums	\$2,179,568,147	\$286,384	\$48,000

Museum Type	Total Operating Expenses	Average Total Expenses	Median Total Expenses
Aquarium	\$63,527,744	\$3,132,532	\$546,158
Arbor/Bot Gard	\$171,203,898	\$538,394	\$88,647
Art	\$1,113,074,602	\$916,865	\$163,761
Children's	\$39,580,875	\$621,266	\$274,260
General	\$479,481,297	\$681,440	\$22,918
Historic Site	\$408,346,411	\$195,950	\$64,216
History Museum	\$431,342,722	\$179,658	\$50,000
Natural History	\$297,713,056	\$1,183,514	\$166,000
Nature Center	\$68,675,677	\$230,695	\$167,881
Planetarium	\$14,995,975	\$389,203	\$163,680
Science	\$219,211,980	\$1,194,030	\$153,000
Specialized	\$222,633,956	\$473,800	\$111,031
Zoo	\$487,633,525	\$3,654,328	\$1,233,628
Total	\$4,017,421,719	\$491,179	\$81,000

Table F:74-B

Response Rate to Parts of Question 74: Operating Expenses

Museum Type	Number Museums	All Parts of Q 74		Total Expenses Column	
		Number with Response	Percent with Response	Number with Response	Percent with Response
Aquarium	20	7	34.3%	8	40.8%
Arbor/Bot Gard	318	116	36.4%	120	37.6%
Art	1,214	475	39.1%	522	43.0%
Children's	64	35	54.7%	40	63.2%
General	704	200	28.5%	219	31.1%
Historic Site	2,084	521	25.0%	616	29.6%
History Museum	2,401	626	26.1%	778	32.4%
Natural History	252	85	33.9%	97	38.7%
Nature Center	298	62	20.8%	72	24.1%
Planetarium	39	21	54.6%	22	57.6%
Science	184	67	36.7%	73	40.0%
Specialized	470	172	36.6%	205	43.6%
Zoo	133	50	37.5%	70	52.6%
Total	8,179	2,437	29.8%	2,843	34.8%
Museum Size					
Large	595	316	53.0%	374	62.8%
Medium	992	427	43.0%	474	47.8%
Small	6,591	1,695	25.7%	1,995	30.3%
Total	8,179	2,437	29.8%	2,843	34.8%

Table F:74-C

Total Expenses by Type of Expense for Responding Museums
FY 1988

2,843 Museums Responded (34.8%)
(See Table F:74-B)

Type of Functional Expense	Amount	Percent of Total
-----	-----	
Collections & Research	\$642,663,752	23.1%
Public Activities	\$647,724,481	23.2%
General Administration	\$500,713,656	18.0%
Development & Membership	\$198,752,981	7.1%
Building & Maintenance	\$430,842,426	15.5%
Security	\$132,635,905	4.8%
Auxiliary Services	\$226,991,391	8.1%
Other*	\$6,776,314	0.2%

TOTAL OPERATING EXPENSES	\$2,787,100,907	100.0%
Total Expenses Paid by Friends/Guild/etc.	\$32,524,382	303 reporting
Personnel Expenses Paid by Friends/Guild/etc.	\$2,841,704	68 reporting

* The Smithsonian has a very large negative number which allows income and expenses to correspond to correct audit figures. Without the Smithsonian, "Other" = \$182,280,634

Table F:74-D

Personnel and Total Operating Expenses by Governing Authority
FY1988

Governing Authority	Total Personnel Expenses	Average Personnel Expenses	Percent Museums Responding
Municipal	\$150,585,427	\$279,302	89.4%
County/Regional	\$173,619,792	\$294,126	88.1%
State	\$155,734,559	\$182,603	93.4%
Federal	\$217,583,663	\$406,341	89.4%
Public Educ Insts	\$82,626,041	\$153,877	90.6%
Subtotal All Public Museums	\$780,149,482	\$255,391	90.4%
Private Nonprofit	\$1,125,030,434	\$263,334	95.1%
Other Private	\$98,455,072	\$355,935	93.4%
Subtotal All Private Museums	\$1,223,485,506	\$268,965	95.0%
Total All Museums	\$2,003,634,988	\$263,511	93.1%

Governing Authority	Total Operating Expenses	Average Total Expenses	
Municipal	\$298,488,901	\$495,212	Figures are less than Table F:74-A due to 12 museums not responding to governing authority
County/Regional	\$308,627,800	\$460,639	
State	\$244,570,777	\$267,732	
Federal	\$525,125,474	\$876,290	
Public Educ Insts	\$146,839,398	\$247,864	
Subtotal All Public Museums	\$1,523,652,349	\$451,062	
Private Nonprofit	\$2,276,864,187	\$506,729	
Other Private	\$212,019,954	\$716,187	
Subtotal All Private Museums	\$2,488,884,142	\$519,676	
Total All Museums	\$4,012,536,491	\$491,298	

Table F:74-E

Median Total Operating Expense
by Museum Type & Size and
by Governing Authority & Size

Museum Type	Large	Medium	Small
Aquarium	\$9,155,591	\$2,229,123	\$480,000
Arbor/Bot Gard	\$3,000,000	\$426,462	\$22,713
Art	\$2,230,804	\$492,000	\$77,915
Children's	\$2,292,052	\$498,278	\$140,679
General	\$2,321,992	\$485,000	\$15,000
Historic Site	\$1,000,000	\$462,654	\$55,000
History Museum	\$1,782,700	\$562,000	\$37,000
Natural History	\$2,119,414	\$485,961	\$56,298
Nature Center	\$1,187,423	\$467,000	\$125,044
Planetarium	\$3,462,084	\$500,000	\$60,000
Science	\$5,794,125	\$1,446,897	\$66,100
Specialized	\$1,500,000	\$559,000	\$75,000
Zoo	\$6,551,000	\$1,720,000	\$416,000
Governing Authority			
Municipal	\$1,000,000	\$715,676	\$75,000
County/Regional	\$4,819,465	\$570,000	\$26,443
State	\$1,774,410	\$575,500	\$65,574
Federal	\$4,371,000	\$485,000	\$90,000
Public Educ Institutions	\$1,500,000	\$447,742	\$56,298
Private Nonprofit	\$2,167,564	\$486,000	\$47,545
Other Private	\$2,922,860	\$538,000	\$44,000
Public School Dist	*	\$685,681	\$70,000
Public Col/Univ	\$1,500,000	\$447,742	\$50,000
Private Col/Univ	\$2,869,182	\$579,399	\$100,630
Priv Elem/Sec School	*	\$1,700,000	*
Church	\$1,918,000	\$400,000	\$5,700
Other	\$3,000,000	*	\$60,244

Table F:74-F

Number of Museums by FY88 Operating Expenses

FY88 Operating Expenses		Number Museums	Number Museums Reporting Top Figure of Range*
-----		-----	-----
\$0 -	\$1,000	101	27
\$1,001 -	\$10,000	957	55
\$10,001 -	\$25,000	827	11
\$25,001 -	\$50,000	1,248	113
\$50,001 -	\$75,000	853	43
\$75,001 -	\$100,000	653	111
\$100,001 -	\$150,000	711	51
\$150,000 -	\$200,000	418	36
\$200,000 -	\$250,000	465	30
\$250,001 -	\$500,000	792	12
\$500,001 -	\$1,000,000	527	31
\$1,000,000 -	\$2,500,000	350	3
\$2,500,001 -	\$5,000,000	153	0
\$5,000,001 -	\$10,000,000	75	0
\$10,000,001 -	\$15,000,000	19	0
\$15,000,001 -	\$50,000,000	24	0
\$50,000,001	and over	5	
	Total	8,179	

Number/percent missing: 0 / 0.0%

* These museums probably estimated operating expenses; for example, 113 museums reported operating expenses of exactly \$50,000.

Table F:77-A

Total Organization Income & Expense **
versus Operating Income & Expense
by Museum Type and Size

Museum Type	Op Income *	Op Expense	Tot Org Income *	Tot Org Expense
Aquarium	\$70,551,650	\$63,527,744	\$101,177,689	\$73,464,642
Arbor/Bot Gard	\$187,567,276	\$171,203,898	\$208,387,302	\$186,555,888
Art	\$1,184,181,671	\$1,113,074,602	\$1,577,818,791	\$1,388,463,794
Children's	\$39,248,910	\$39,580,875	\$49,019,737	\$40,393,342
General	\$542,180,455	\$479,481,297	\$815,159,551	\$735,588,302
Historic Site	\$500,242,102	\$408,346,411	\$601,050,736	\$496,793,640
History Museum	\$471,149,623	\$431,342,722	\$529,712,019	\$470,809,651
Natural History	\$300,736,537	\$297,713,056	\$363,246,381	\$343,759,990
Nature Center	\$67,927,548	\$68,675,677	\$113,914,408	\$110,838,140
Planetarium	\$16,826,607	\$14,995,975	\$18,699,290	\$15,066,973
Science	\$223,892,207	\$219,211,980	\$296,023,419	\$255,775,811
Specialized	\$244,624,840	\$222,633,956	\$302,648,468	\$240,476,853
Zoo	\$545,610,562	\$487,633,525	\$620,759,009	\$570,866,696
Total All Museums	\$4,394,739,987	\$4,017,421,719	\$5,597,616,799	\$4,928,853,723
Museum Size				
Large	\$2,988,821,392	\$2,808,958,904	\$3,969,702,923	\$3,519,759,714
Medium	\$669,128,288	\$624,444,642	\$776,545,688	\$715,430,702
Small	\$736,790,306	\$584,438,173	\$851,368,188	\$693,663,308
Total All Museums	\$4,394,739,987	\$4,017,841,719	\$5,597,616,799	\$4,928,853,723

None missing (figures imputed for nonresponse); where no total organization figures given, operating figures were used.

* Smithsonian income allocated to the 12 subsidiary museums is equal to expenses. Remaining income is assigned to "The Smithsonian", a general museum.

** Total organization figures include nonoperating funds and in a few organizations monies allocated to nonmuseum functions e.g., The Smithsonian accounts for an additional \$185 million.

Table F:77-B

Total Organization Income & Expense **
versus Operating Income & Expense
by Governing Authority

Governing Authority	Op Income *	Op Expense	Tot Org Income *	Tot Org Expense
Municipal	\$329,327,501	\$298,488,901	\$378,921,052	\$325,286,811
County/Regional	\$364,888,099	\$308,627,800	\$393,866,545	\$368,017,949
State	\$260,083,736	\$244,570,777	\$267,487,524	\$253,437,396
Federal	\$615,877,259	\$525,125,474	\$823,246,547	\$728,987,829
Pub Educ Institutions	\$156,569,578	\$146,839,398	\$177,105,655	\$172,518,610
Subtotal All Public	\$1,726,746,173	\$1,523,652,349	\$2,040,627,322	\$1,848,248,594
Private Nonprofit	\$2,451,584,215	\$2,276,864,187	\$3,314,002,225	\$2,852,222,157
Other Private	\$210,319,712	\$212,019,954	\$234,656,717	\$223,490,863
Subtotal All Private	\$2,661,903,927	\$2,488,884,142	\$3,548,658,942	\$3,075,713,020
Total All Museums	\$4,388,650,100	\$4,012,536,491	\$5,589,286,264	\$4,923,961,614

Totals do not equal Table F:77-A because of nonresponse (12 museums) in governing authority

** Total organization figures include nonoperating funds and in a few organizations monies allocated to nonmuseum functions e.g., The Smithsonian accounts for an additional \$185 million

Table F:78

Number of Museums Receiving and Value of Services and Items
at Reduced or No Cost

Services Provided by Parent or Other Agency	Number Museums Reporting Receiving Service	Percent of All Museums Receiving Service	Number Museums Providing a Value	Total Value All Museums Reported for Service
Building Maintenance	4,843	59.2%	2,002	\$17,162,705
Groundskeeping	4,925	60.2%	2,082	\$8,564,137
Personnel Services	4,380	53.6%	2,006	\$18,724,058
Security Services	4,159	50.8%	2,477	\$8,034,303
Financial Services	4,310	52.7%	2,124	\$2,957,337
Conservation Services	3,698	45.2%	2,722	\$891,298
Collection Management	3,742	45.8%	2,745	\$2,657,923
Legal/Audit Services	4,210	51.5%	2,273	\$2,759,720
Mortgage/Bonds on Bldgs	3,510	42.9%	2,877	\$14,347,664
Utilities/Energy	4,368	53.4%	2,365	\$20,316,616
Transportation	3,787	46.3%	2,727	\$928,465
Other *	2,016	24.6%	1,643	\$46,288,076
			Total	\$143,632,302

* Includes some payroll; some is in personnel
2,969 museums reported receiving no such services
Number/percent missing: 285 / 3.5%

List of Figures

The figures are numbered to correspond to the questionnaire section letter (A through F) and question number (A through 78), then sequentially starting with 1. The figures are placed usually after the table to which they correspond. The listing below notes the corresponding table. For rotated bar (horizontal) charts, the computer graphing program places the top entry of the table on the bottom of the chart (e.g., aquarium is placed on the bottom; zoo ends up on top). To correct this would have required re-keying the tables.

Figure Number	Figure Title	Table Number
A:A-1	Number of Museums by Type and Size	A:A
A:A-2	Distribution of Museums by Budget Size	A:A
A:B-1	Number of Museums by Size and Region	A:B-C
A:2-1	Number of Museums and Sites by Region	A:2-A
A:2-2	Number of Museums and Sites by Type	A:2-B
A:2-3	Percentage of Museums with Additional Sites by Type of Museum	A:2-B
A:2-4	Average Number of Additional Sites per Museum by Type	A:2-B
B:5-1	Number of Museums by Region and Governing Authority	B:5-B
B:5-2	Governing Authority in 1979	B:5-A
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B:6-1	Number of Museums Established by Decade	B:6-A
B:6-2	Number of Museums by Region and Year Established	B:6-C
B:11-1	Percent of Museums with Board by Type	B:11-A
B:11-2	Percent of Museums with Boards by Governing Authority	B:11-C
B:11-3	Distribution of Size of Museum Boards	B:11-B
B:14-1	Number of Museums 1979 and 1988	B:14
C:16-1	Distribution of Interior Square Footage by Type	C:16-A
C:16-2	Median Interior Square Footage by Type	C:16-A
C:16-3	Distribution of Exterior Acreage by Type	C:16-A
C:16-4	Median Exterior Acreage by Type	C:16-A
C:16-5	Distribution of Interior Square Footage by Governing Authority	C:16-C
C:16-6	Distribution of Exterior Acreage by Governing Authority	C:16-C
C:16-7	Distribution of Interior Square Footage by Size of Museum	C:16-C
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D:29-10A/B	Nature Centers: Average Percent of Permanent Records Developed and Maintained	D:29-L
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Developed and Maintained		
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Number of Museums by Type and Size

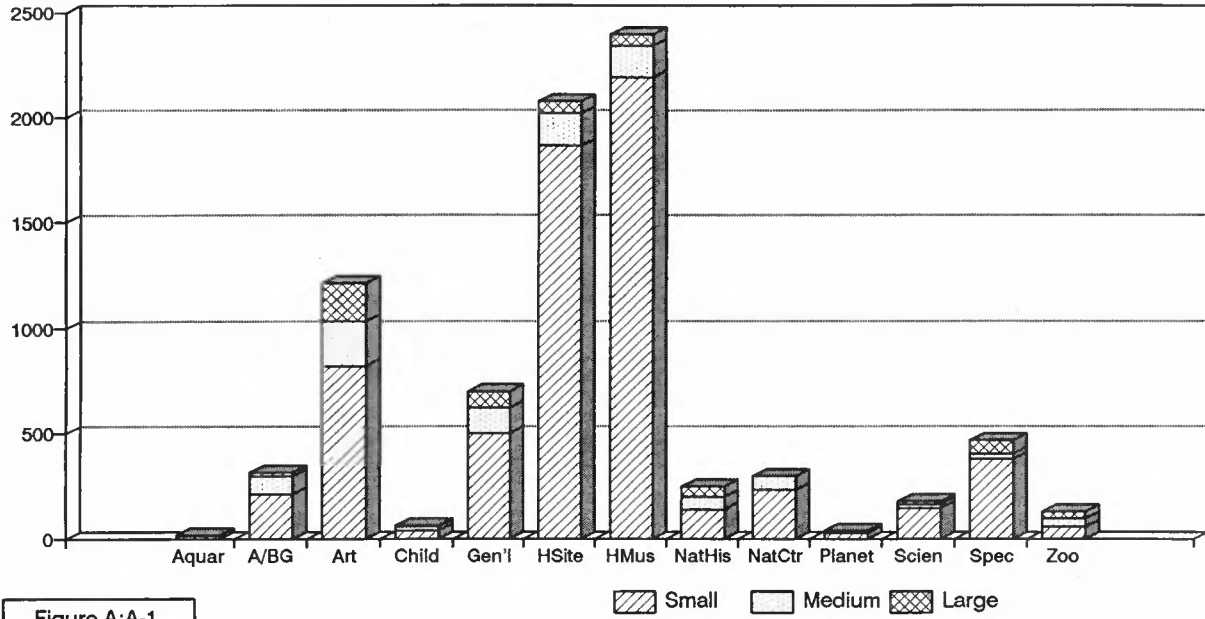


Figure A:A-1

Distribution of Museums by Budget Size

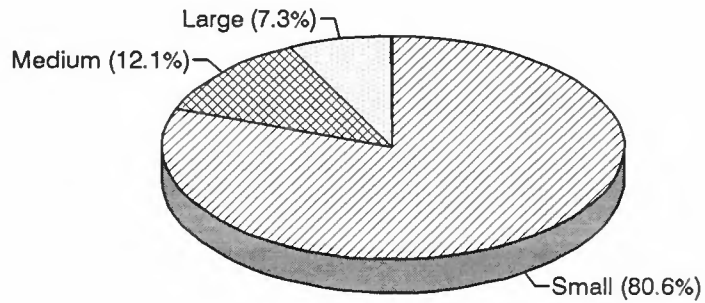


Figure A:A-2

Number of Museums by Size and Region

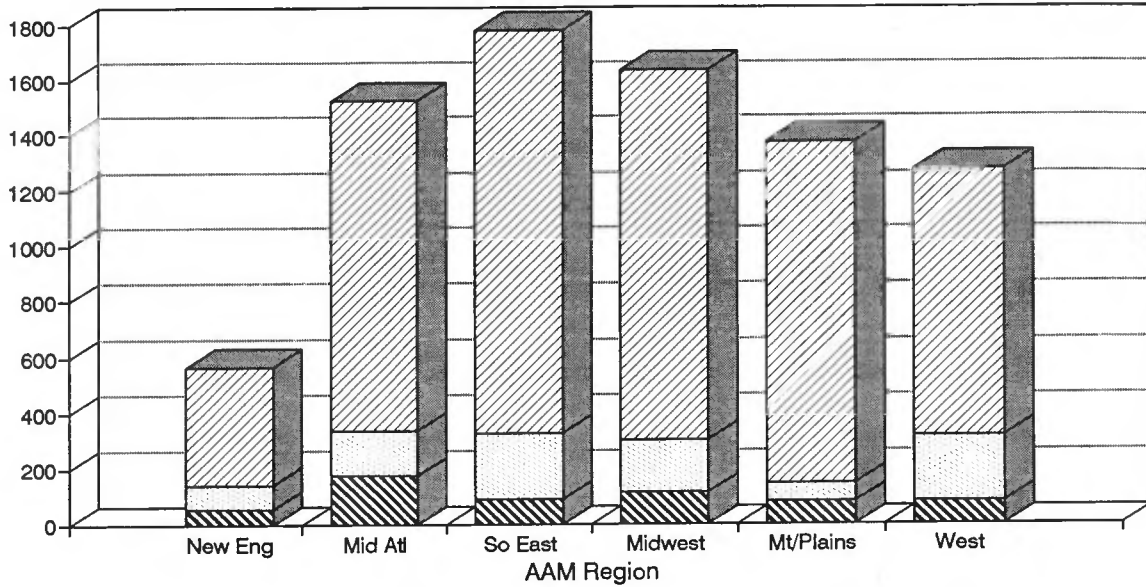


Figure A:B-1

Large Medium Small

Number of Museums & Sites by Region

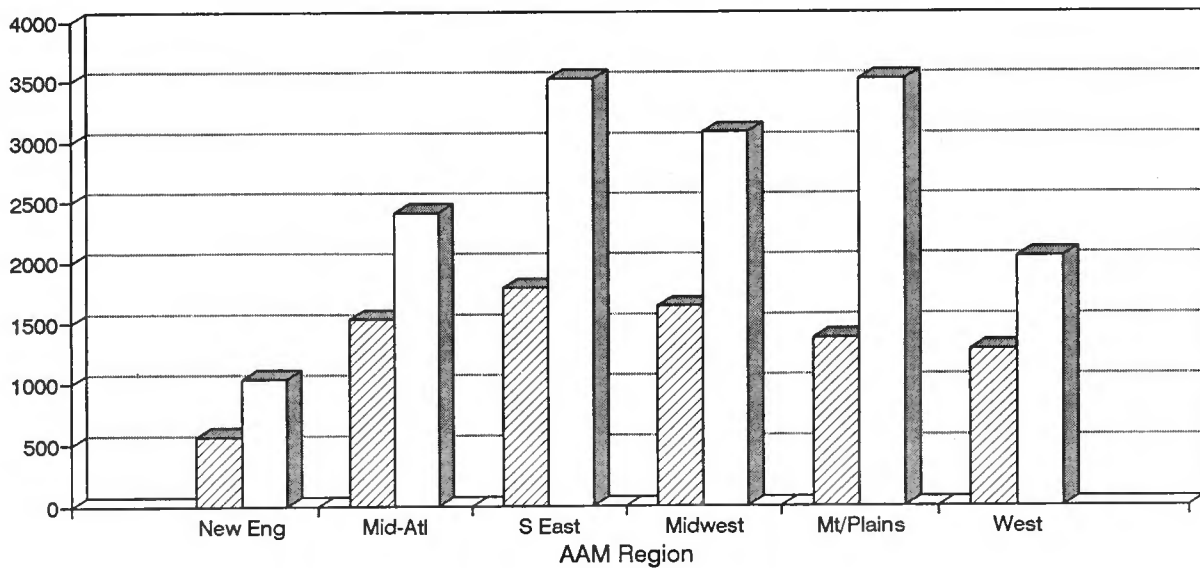


Figure A:2-1

Number of Museums Number of Sites

Number of Museums & Sites by Type

Bar equals total Sites by Type

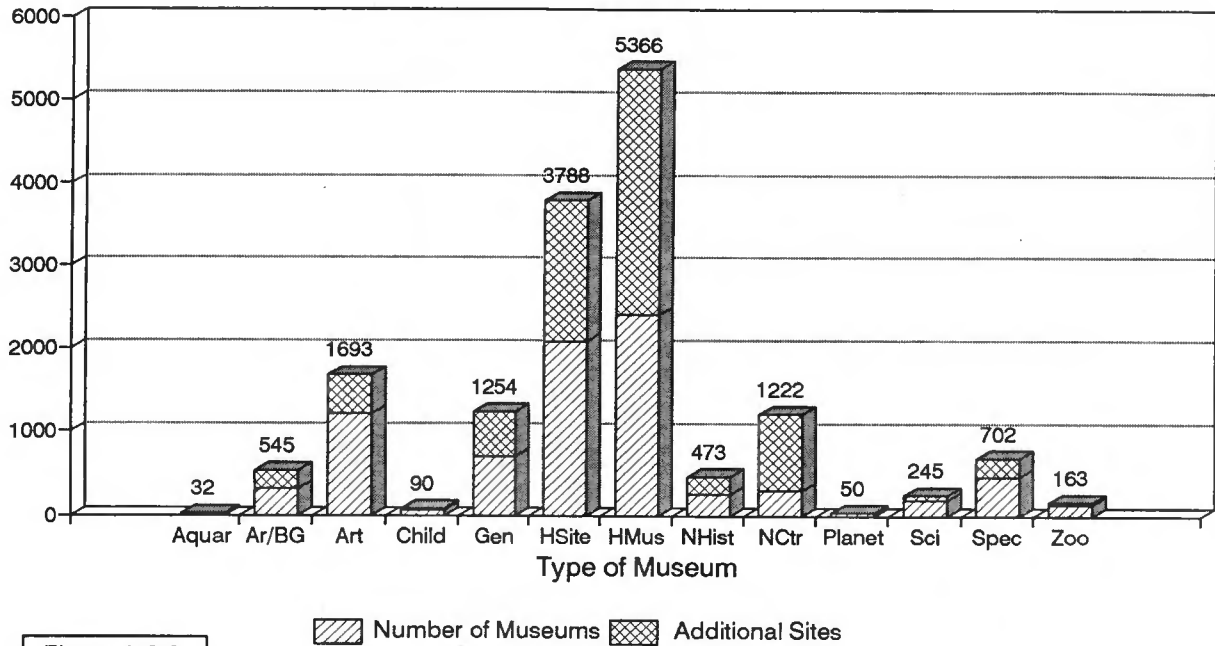


Figure A:2-2

Percentage of Museums with Additional Sites by Type of Museum

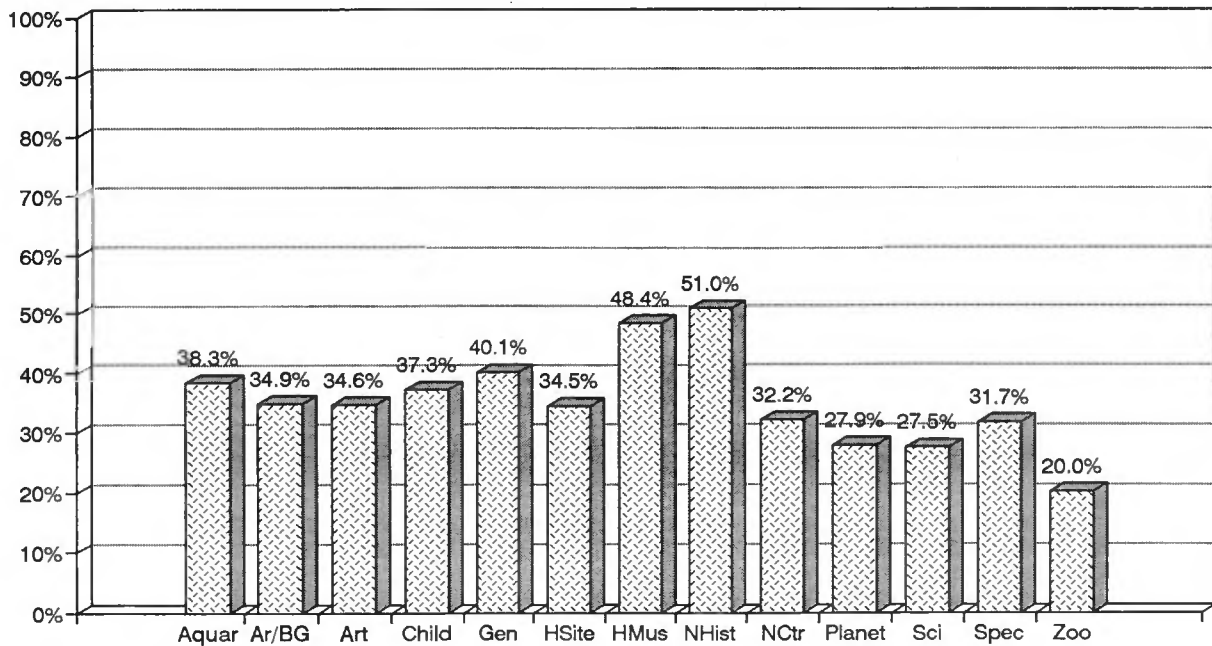


Figure A:2-3

Average Number of Additional Sites per Museum by Type*

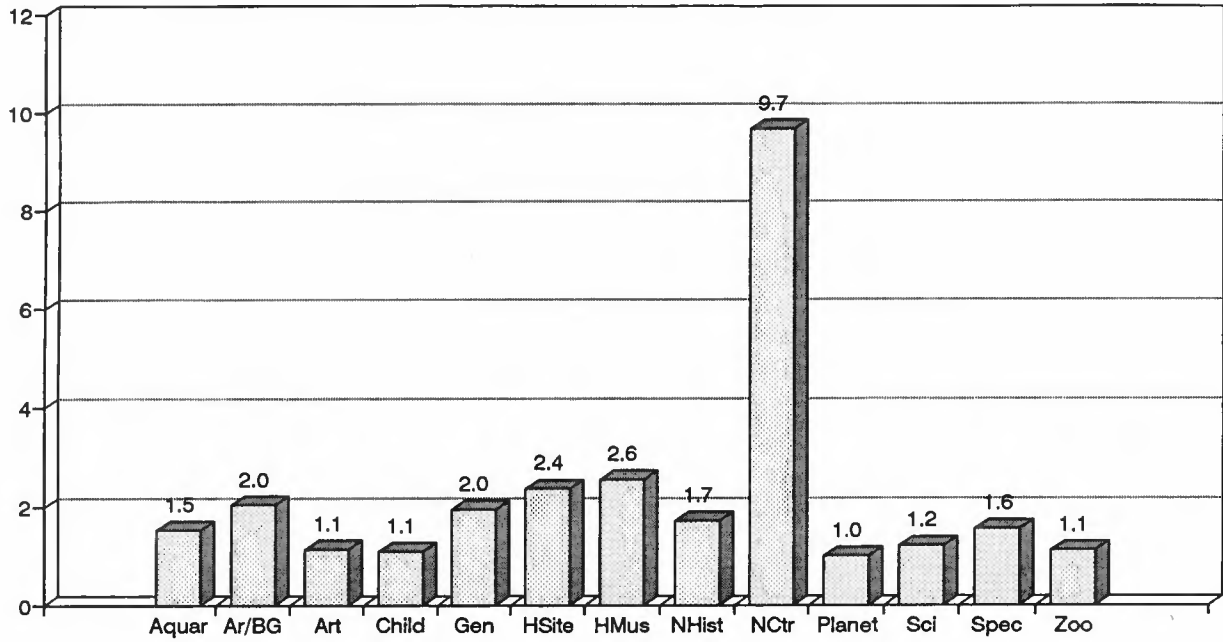


Figure A:2-4

* for those museums that have 2 or more sites

Number of Museums by Region and Governing Authority

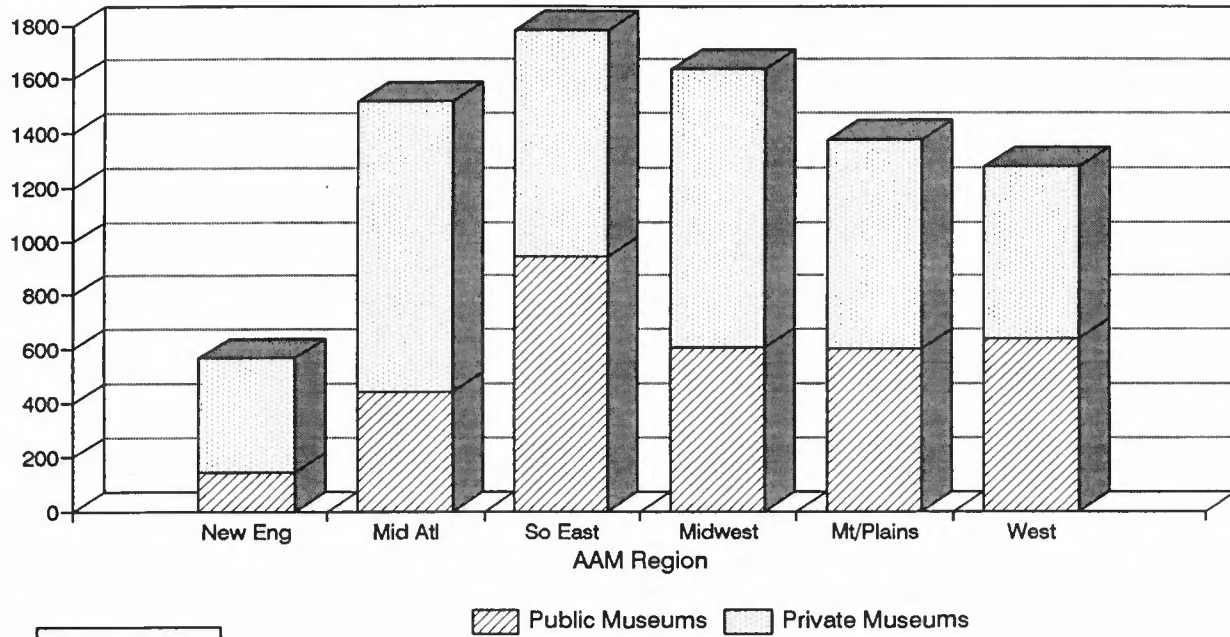


Figure B:5-1

Governing Authority in 1988

Governing Authority in 1979 From 1979 Museum Program Survey

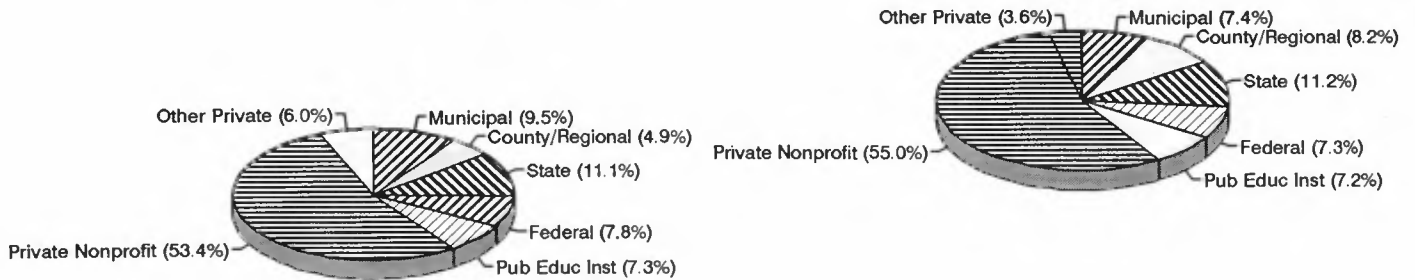


Figure B:5-3

Figure B:5-2

Number of Museums Established by Decade 1900's to 1980's

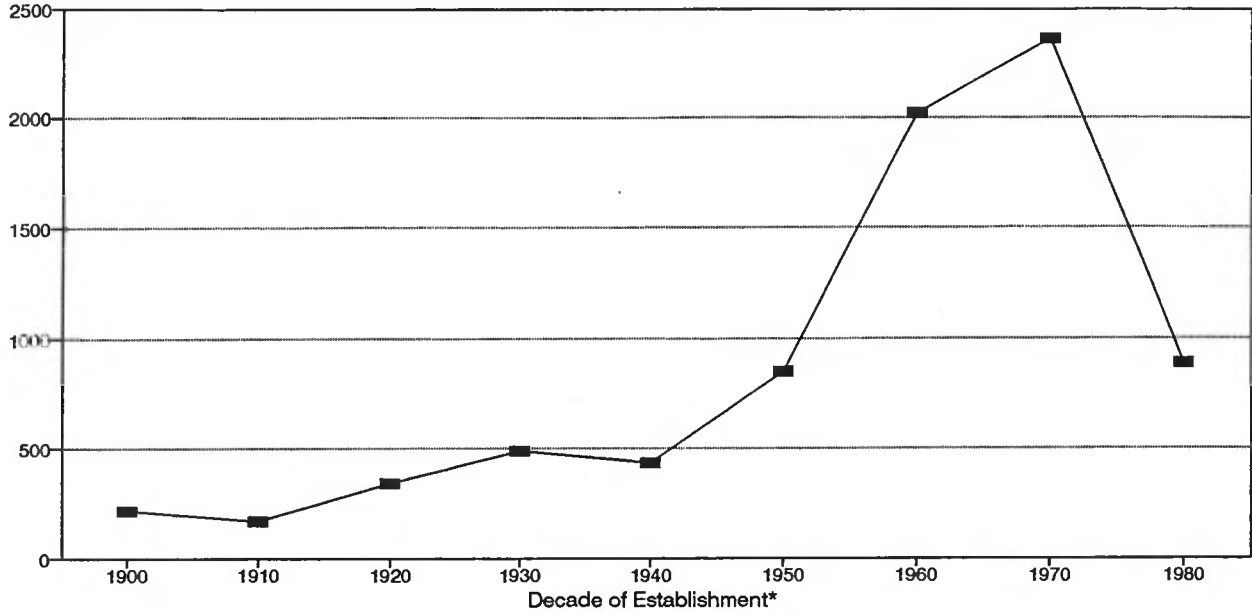


Figure B:6-1

* Decade begins with year on x-axis

Number of Museums by Region and Year Established

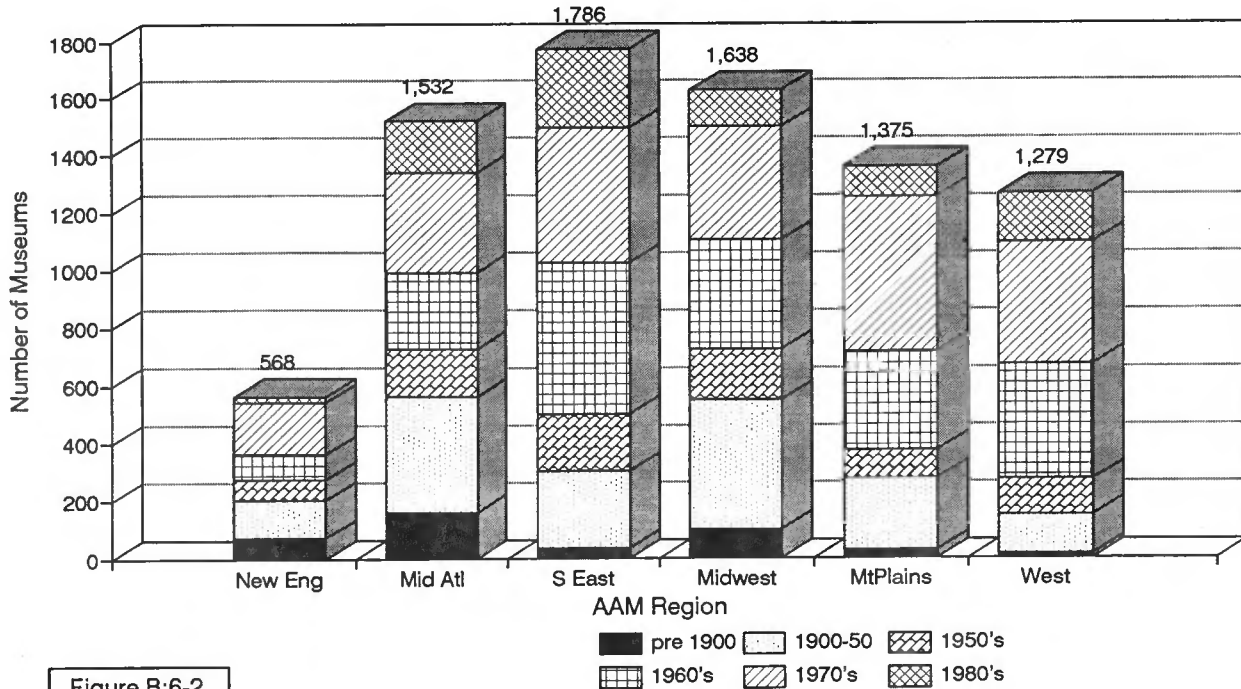


Figure B:6-2

Percent of Museums with Board by Type

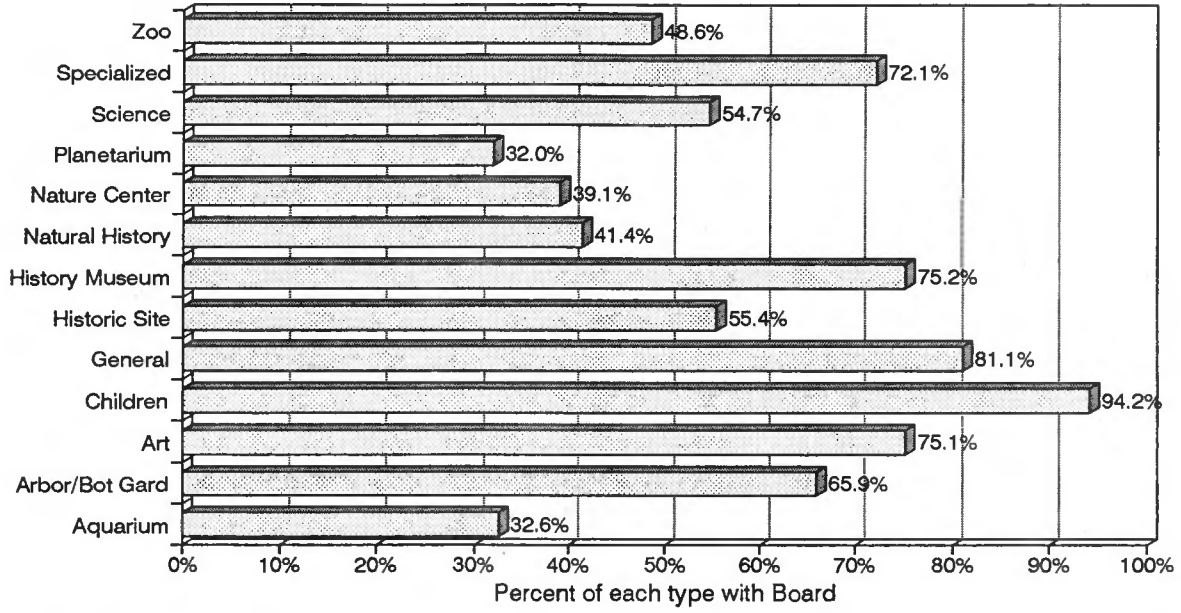


Figure B:11-1

Percent of Museums with Boards by Governing Authority

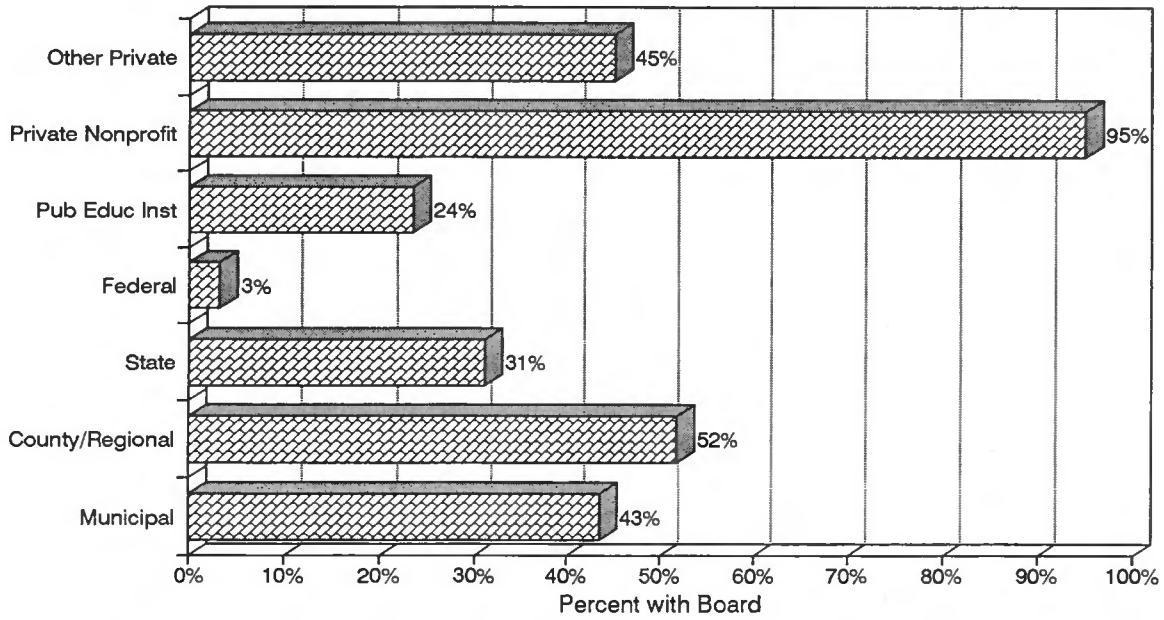


Figure B:11-2

Distribution of Size of Museum Boards

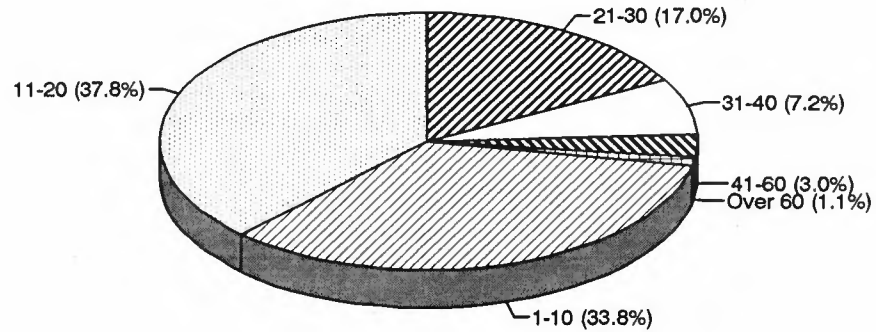


Figure B:11-3

Number of Museums 1979 and 1988 As Defined in 1979 Program Survey

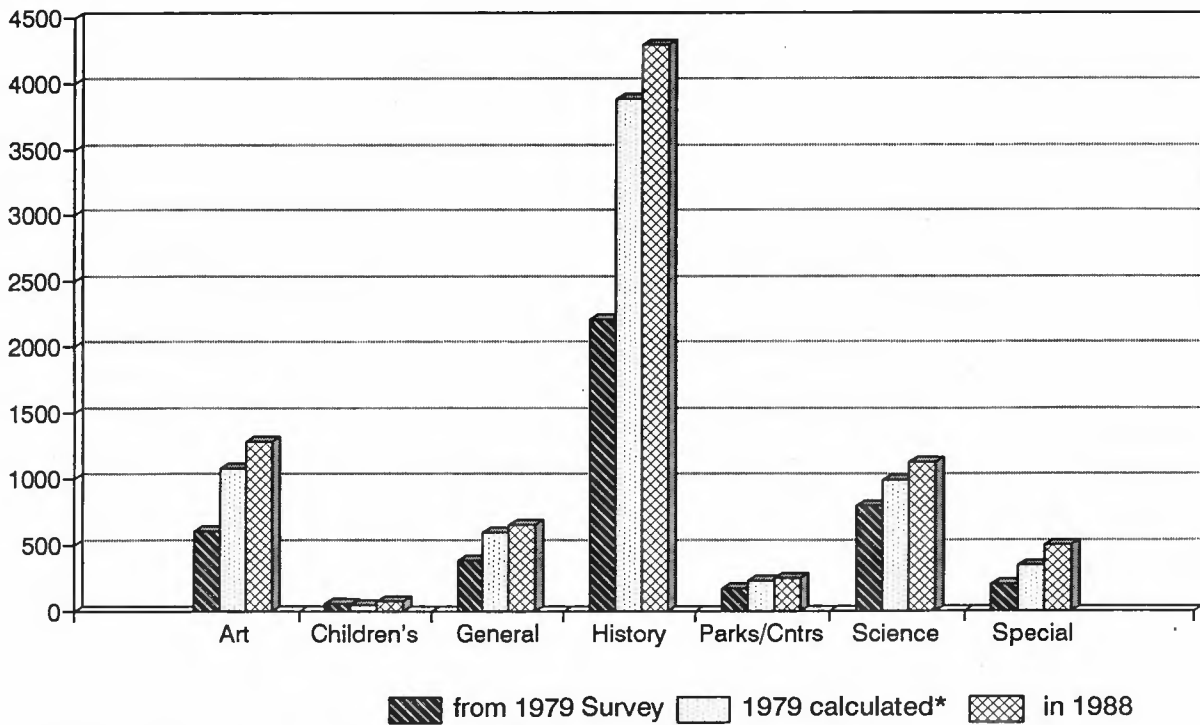


Figure B:14-1

*1979 calculated from current database; see Table B:14

Distribution of Interior Square Footage by Type (Column Equals 100%)

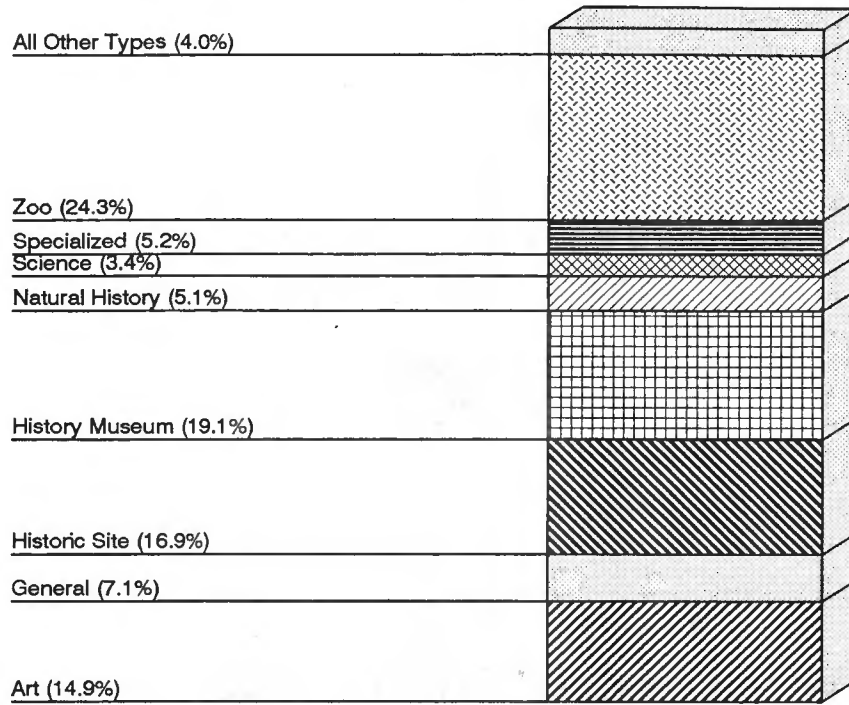


Figure C:16-1

Median Interior Square Footage by Type

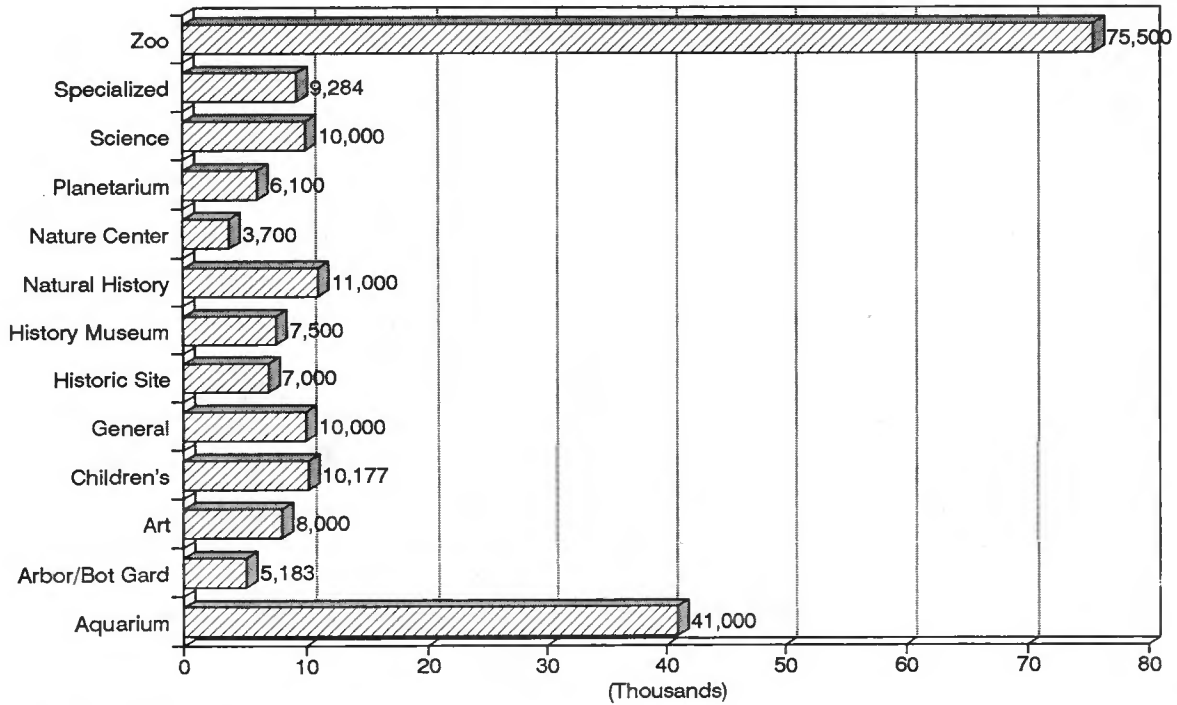


Figure C:16-2

Distribution of Exterior Acreage by Type (Column Equals 100%)

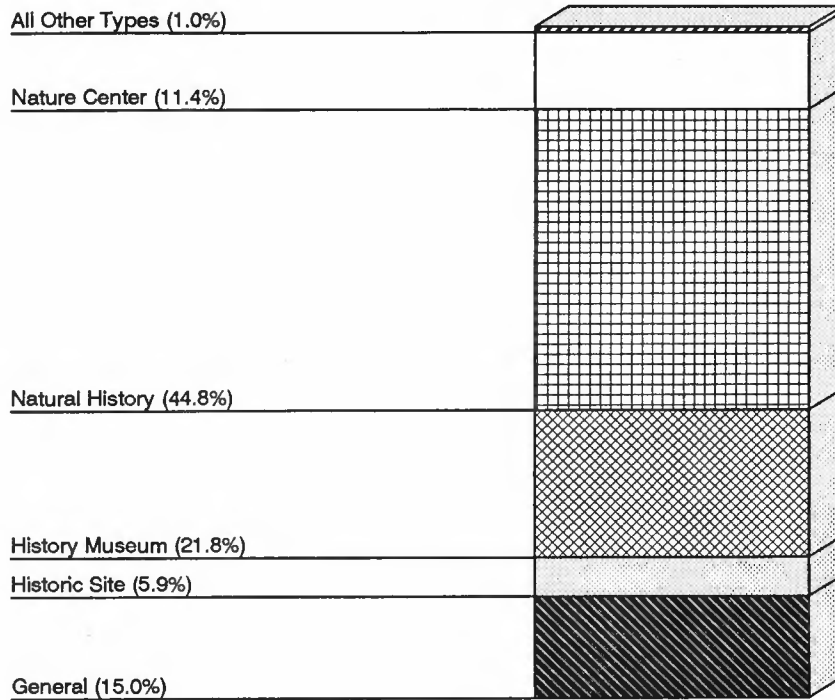


Figure C:16-3

Median Exterior Acreage by Type

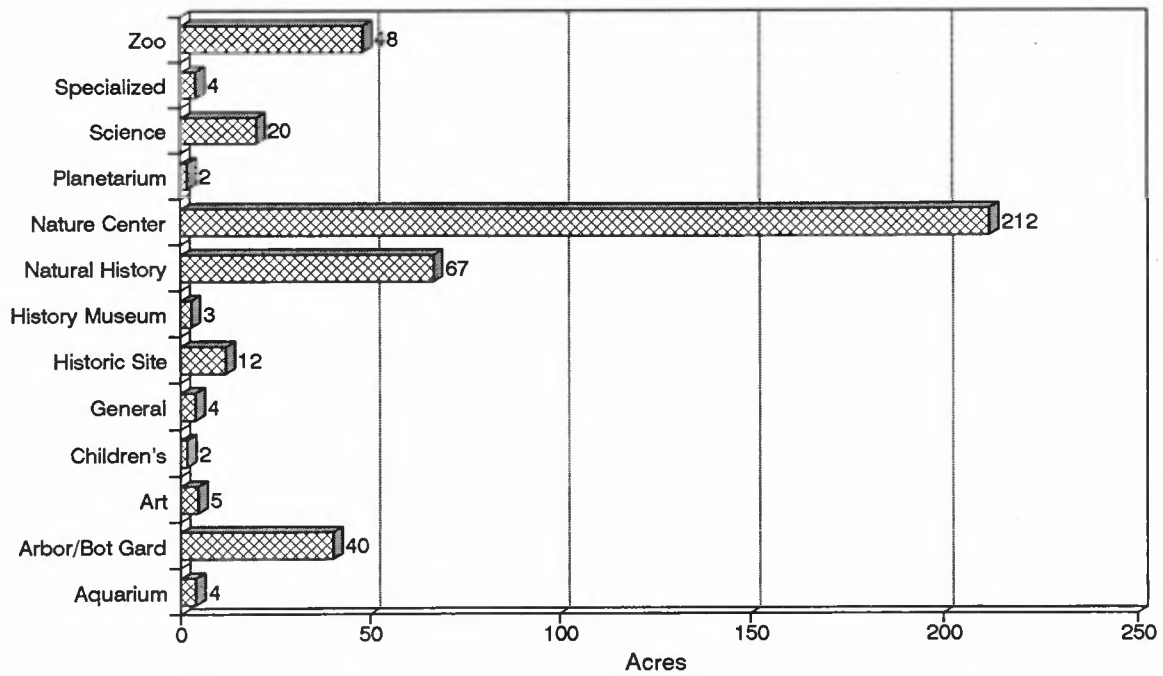


Figure C:16-4

Distribution of Interior Square Footage by Governing Authority

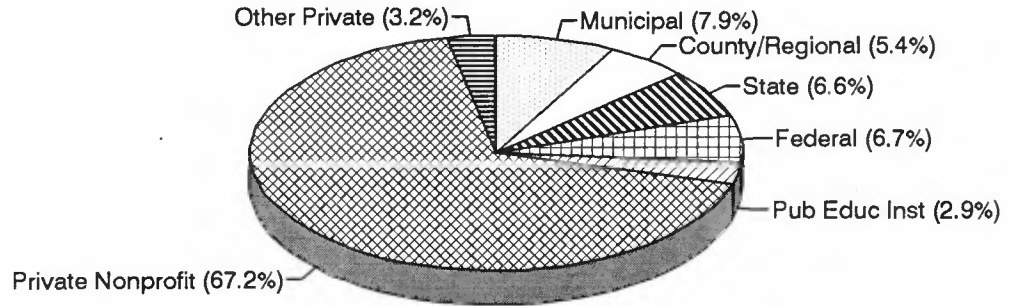


Figure C:16-5

Distribution of Exterior Acreage by Governing Authority

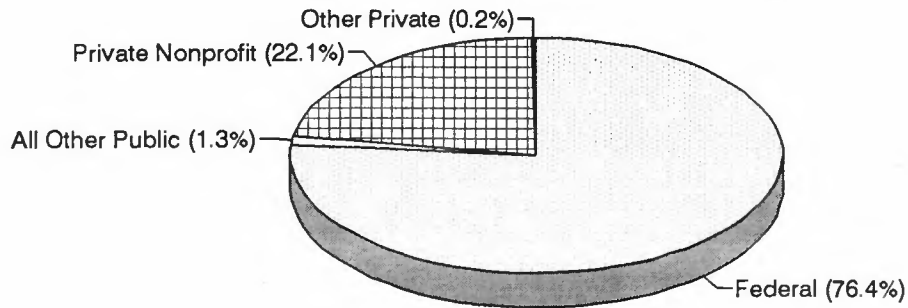


Figure C:16-6

Distribution of Interior Square Footage by Size of Museum

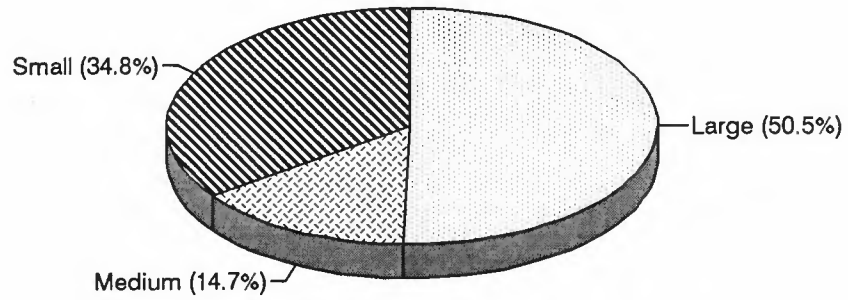


Figure C:16-7

Distribution of Exterior Acreage by Size of Museum

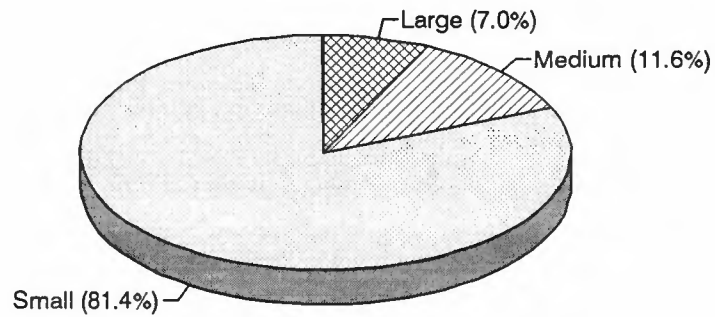


Figure C:16-8

Percent of Museums with Intrusion Detection Systems by Type

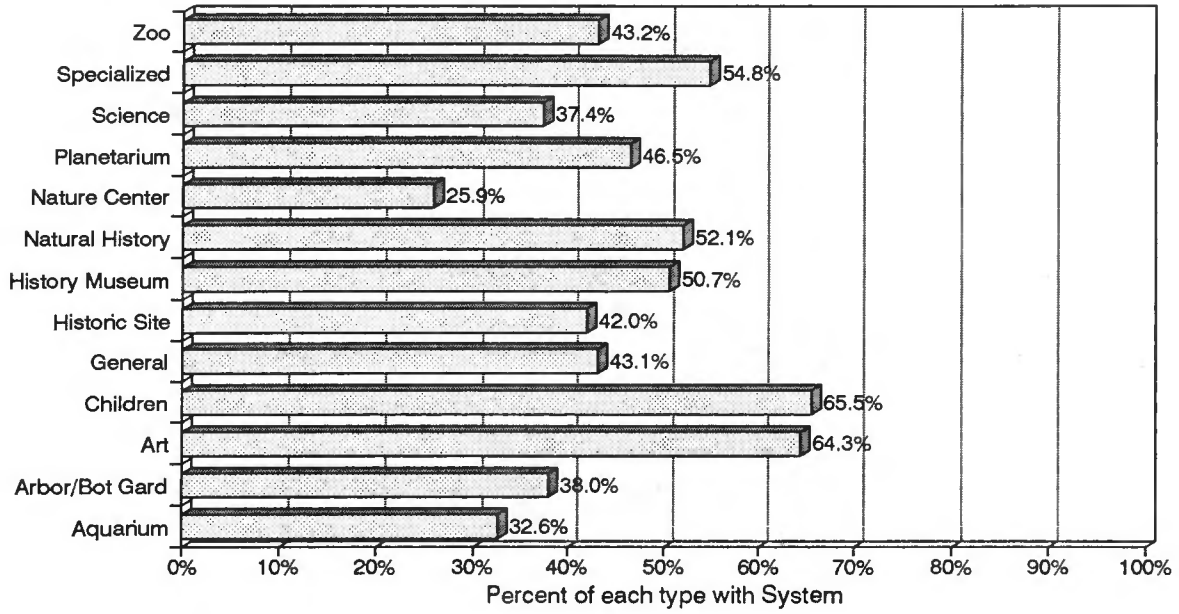


Figure C:19-1

Percent of Museums with Fire Detection Systems by Type

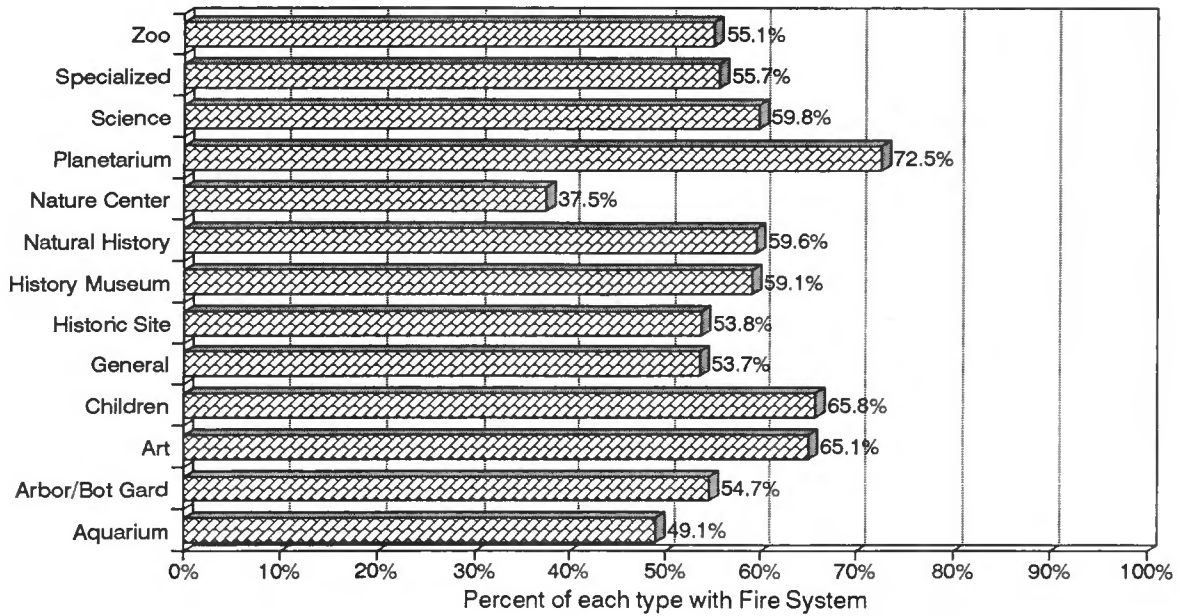


Figure C:19-2

Full-time Staff by Museum Type

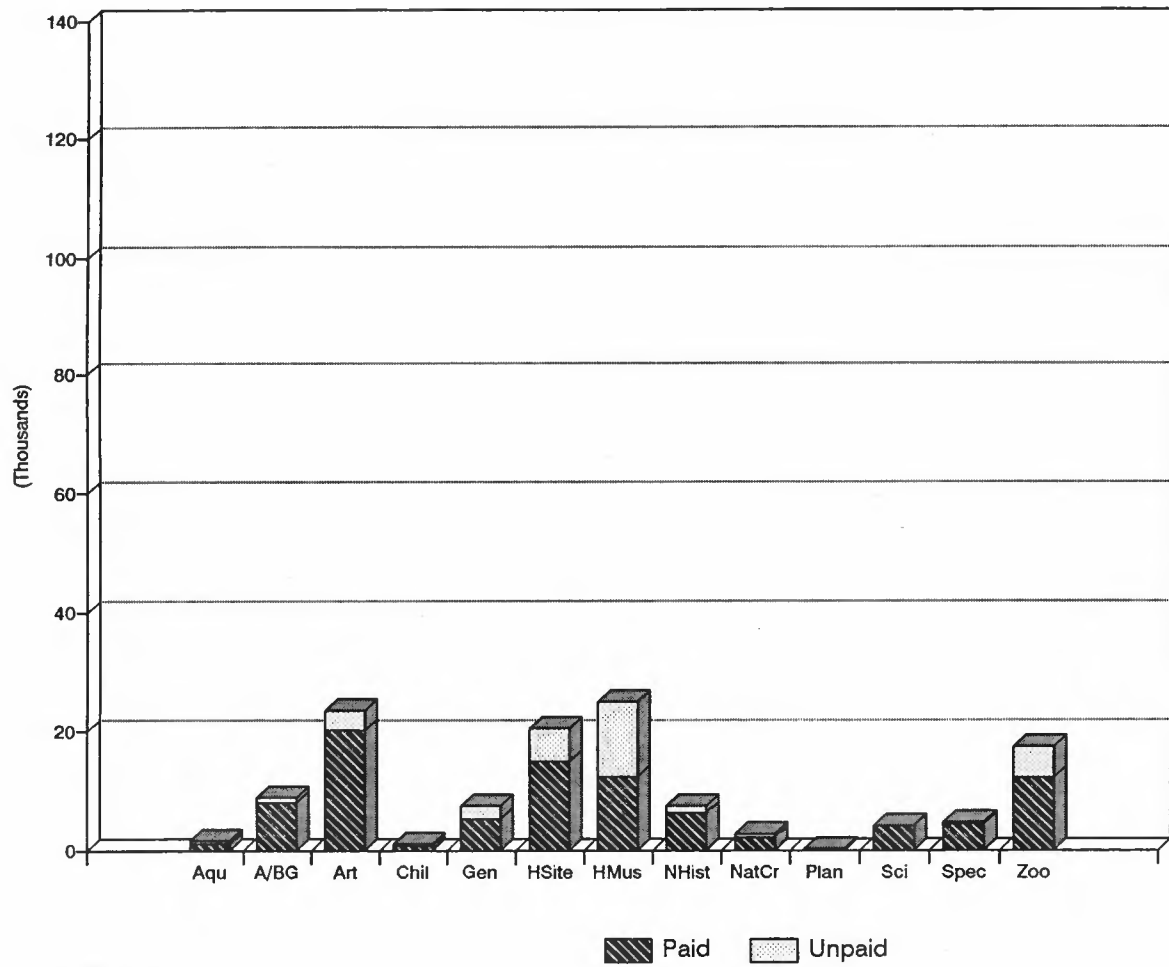


Figure C:22-1

Scale: 0 - 140,000

Part-time Staff by Museum Type

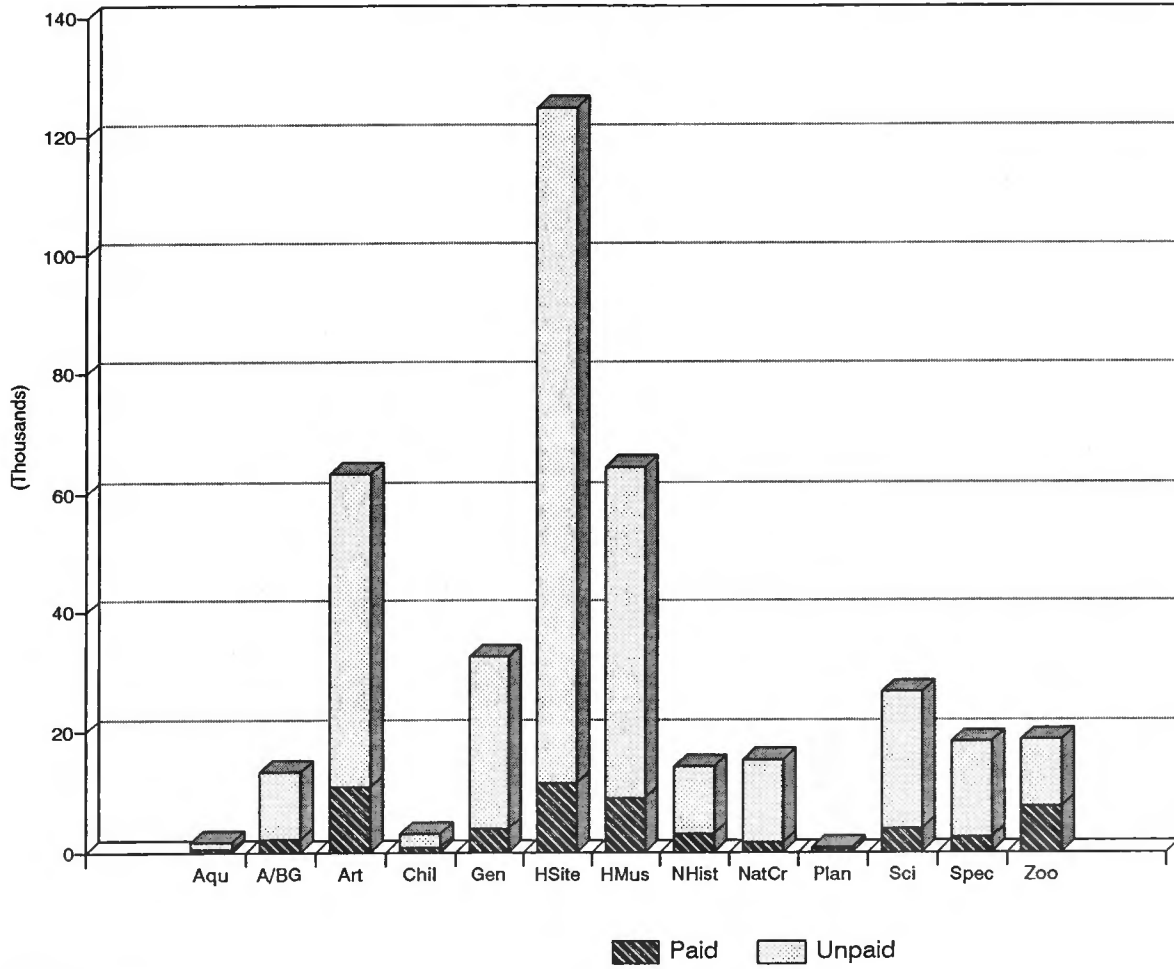


Figure C:22-2

Scale: 0 - 140,000

Full-time Staff by Museum Type

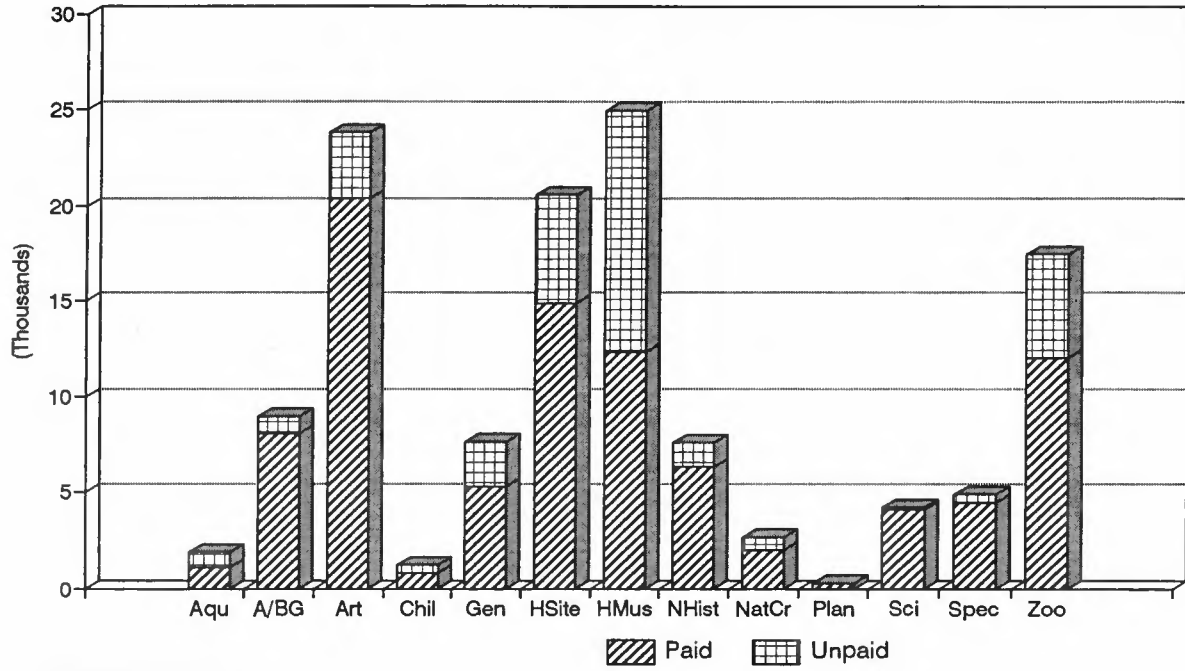


Figure C:22- 3

Scale : 0 - 30,000

Part-time Staff by Museum Type

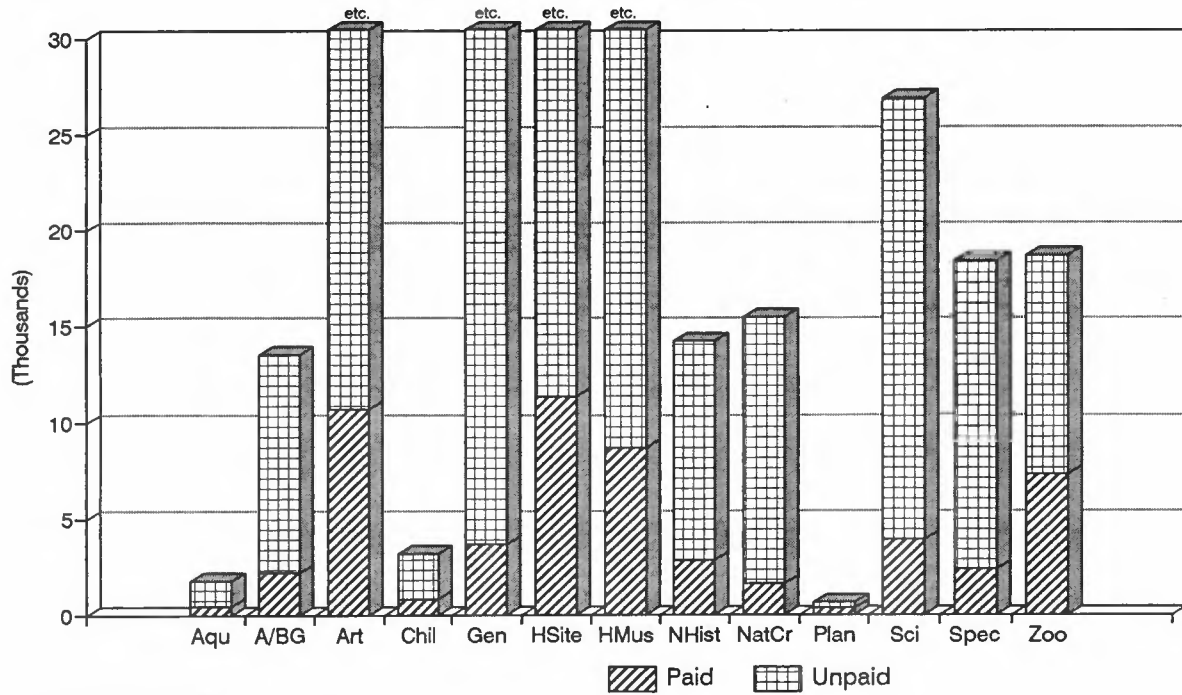


Figure C:22- 4

Scale : 0 - 30,000

Distribution of Full-time Paid Staff by Type (Column Total = 100%)

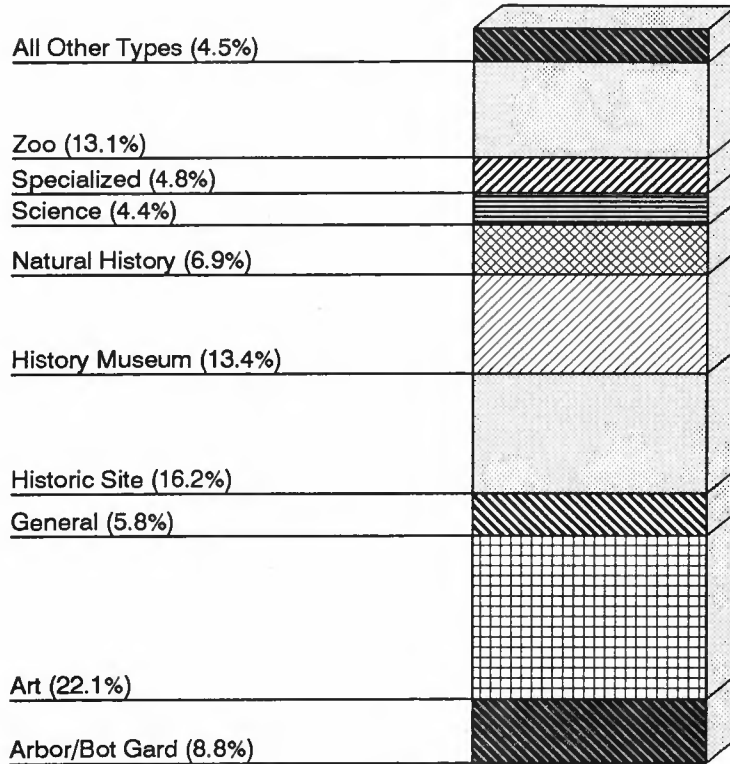


Figure C:22-5

Distribution of Full-time Staff by Who Pays Salaries (All Museums)

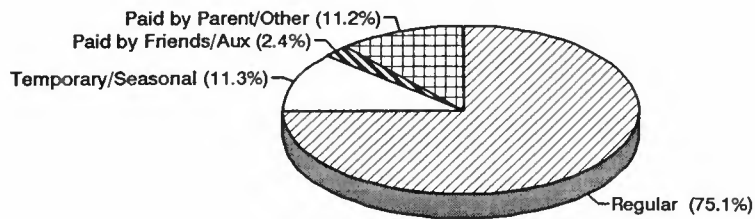


Figure C:22-6

Distribution of Part-time Staff By Who Pays Salaries (All Museums)

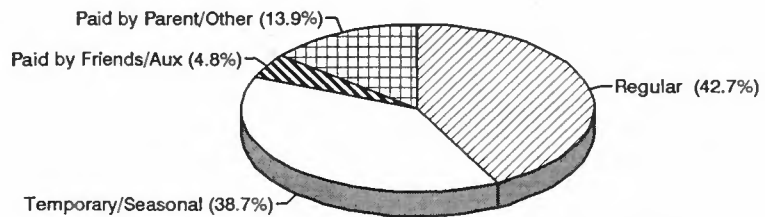
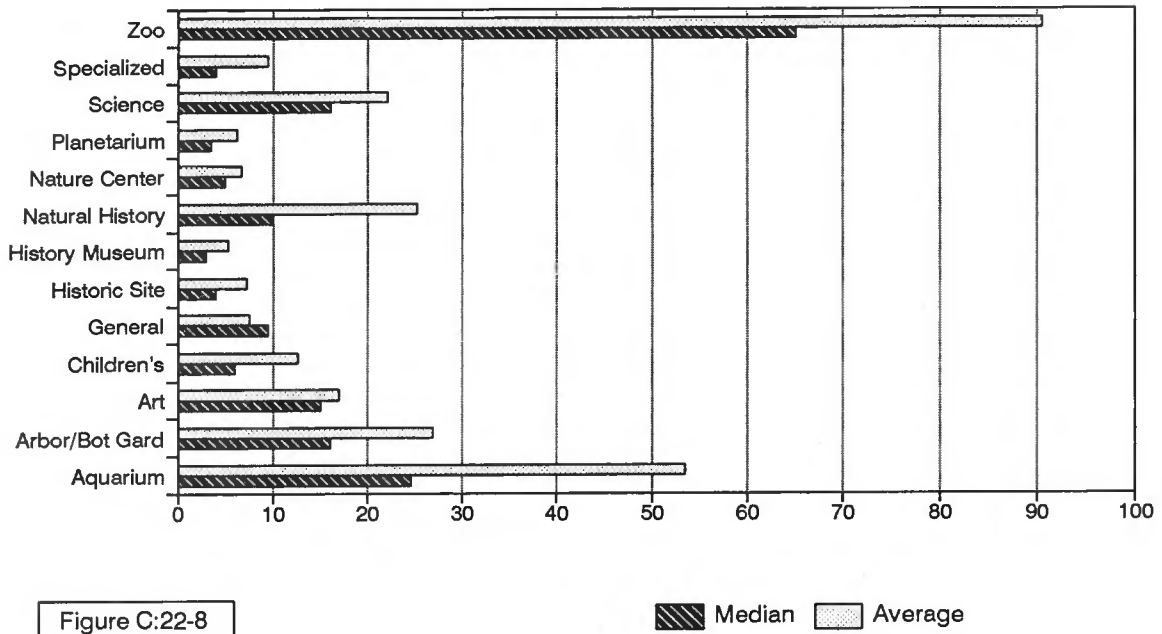
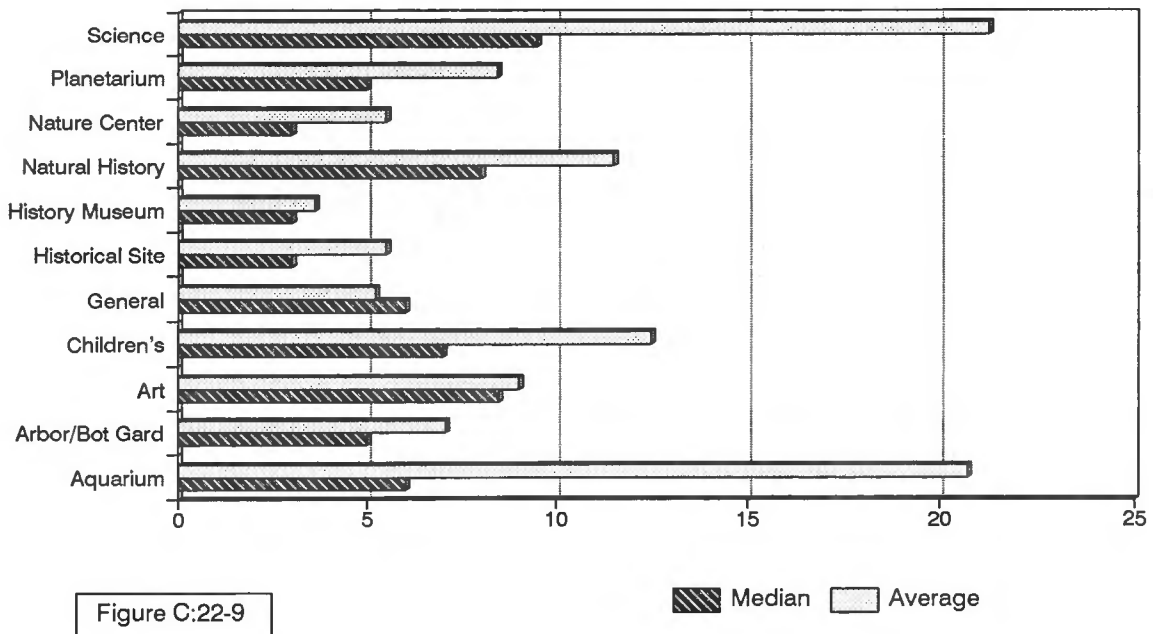


Figure C:22-7

Median and Average Number Full-time Paid Staff by Type



Median and Average Number Part-time Paid Staff by Type



Percent of Art Collection Objects and Specimen Held by Museum Type

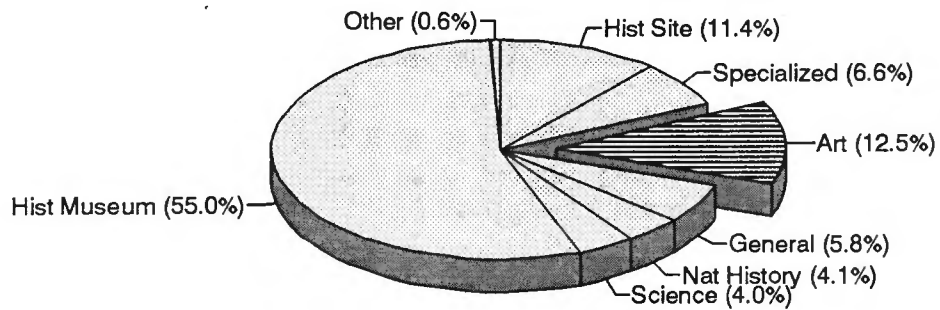


Figure D:28-1

Percent of Art Collection Lots/Taxa and Populations Held by Museum Type

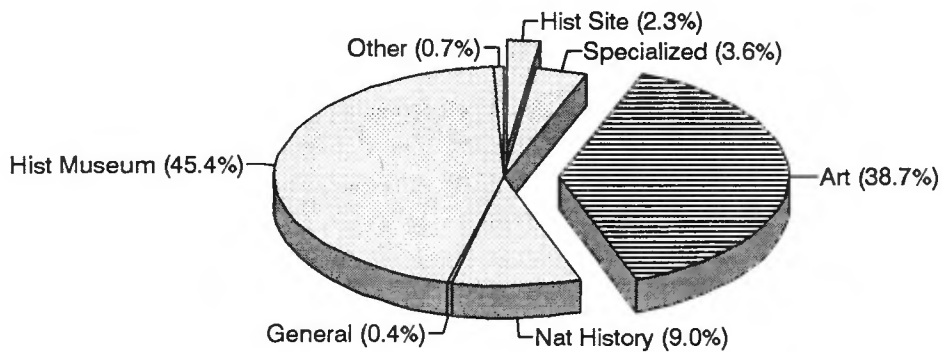


Figure D:28-2

Art Collection only collection type graphed

Average Percent of Permanent Collection Records Developed & Maintained

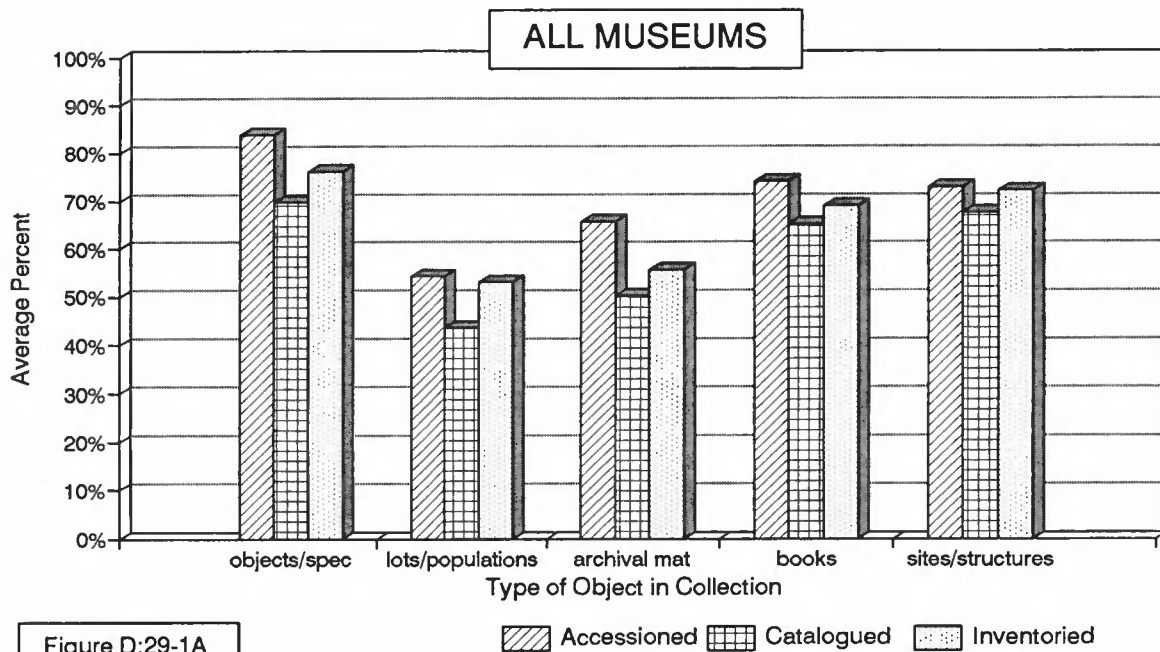


Figure D:29-1A

Average Percent of Nat Hist, Living and Outdoor Permanent Collections Records

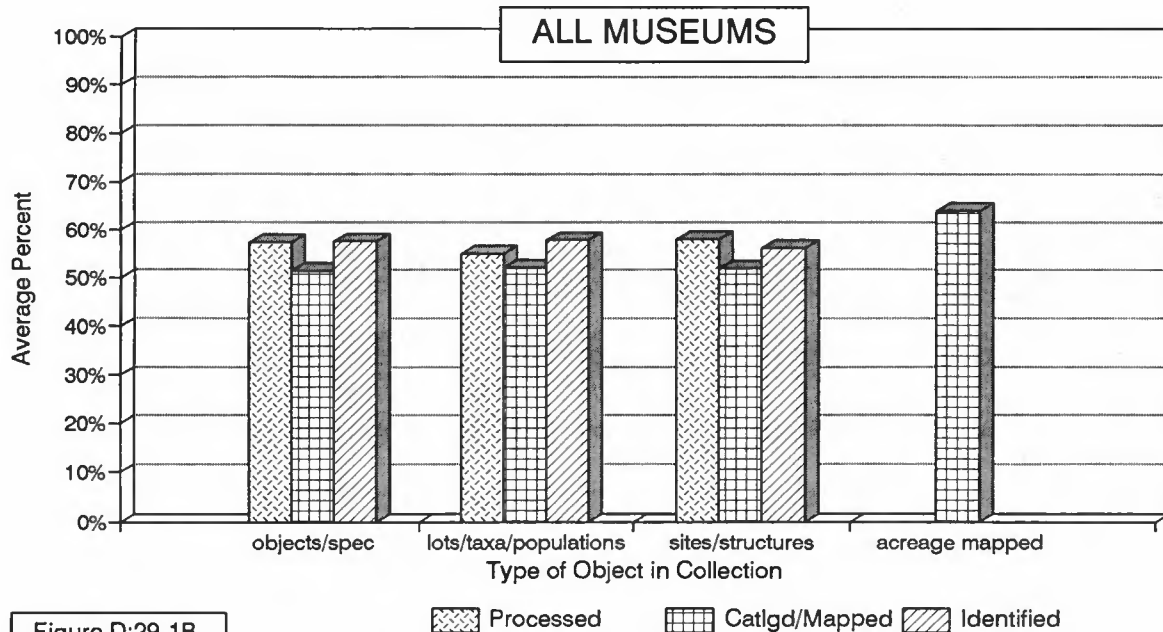


Figure D:29-1B

Average Percent of Permanent Collection Records Developed & Maintained

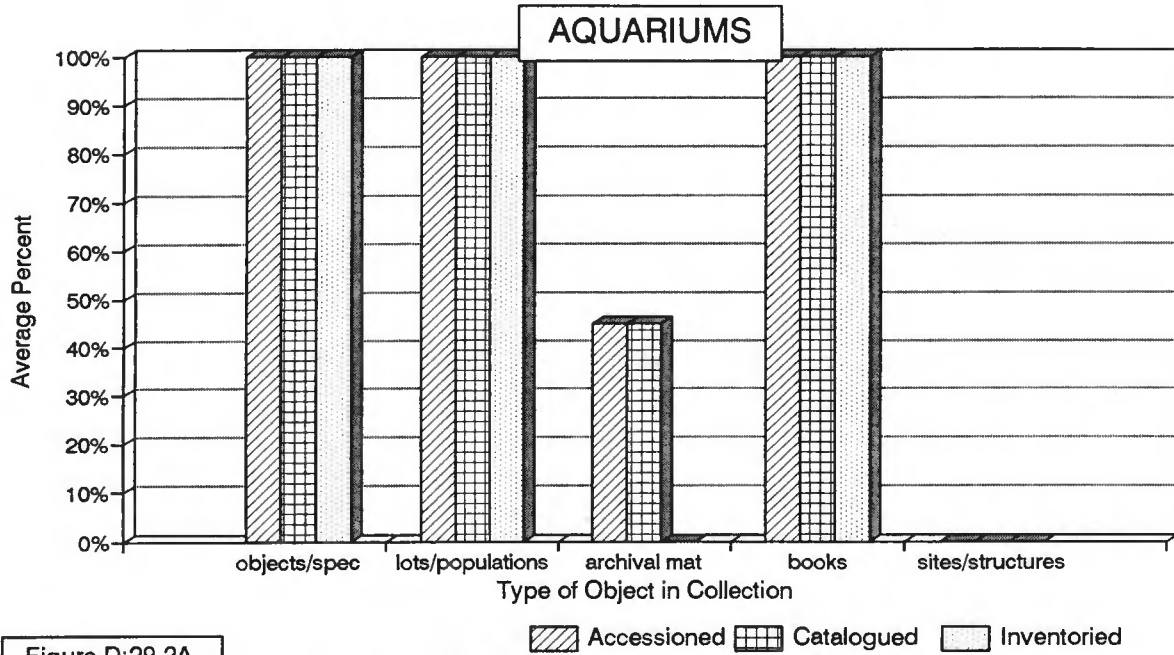


Figure D:29-2A

Average Percent of Nat Hist, Living and Outdoor Permanent Collections Records

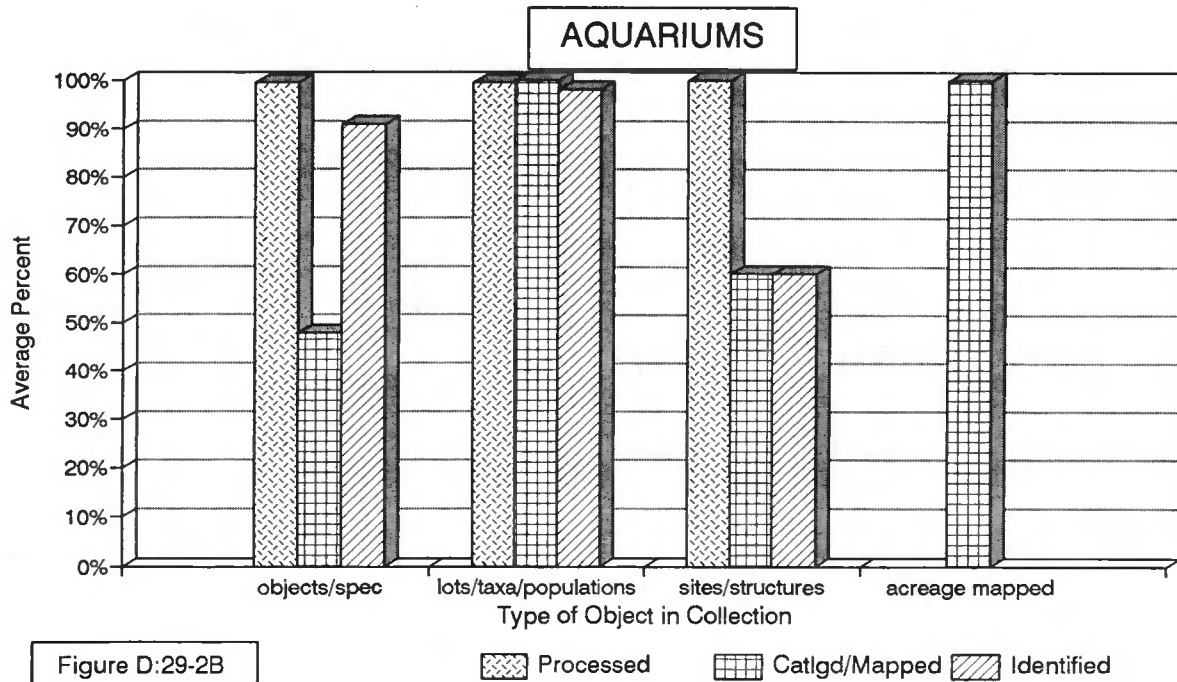
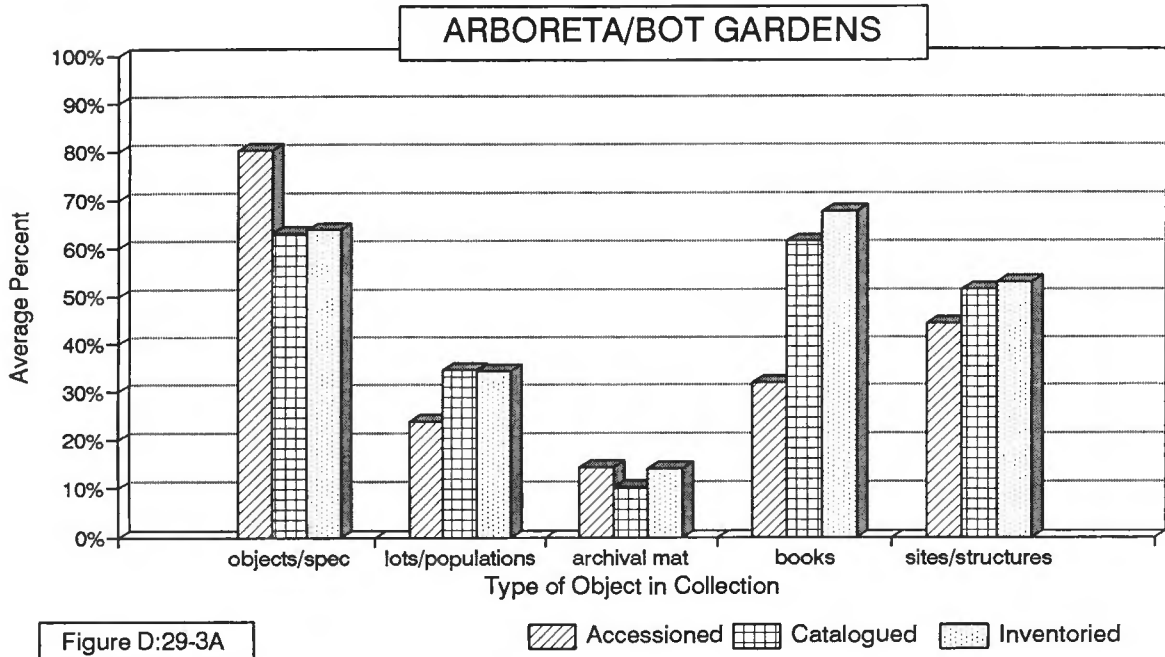
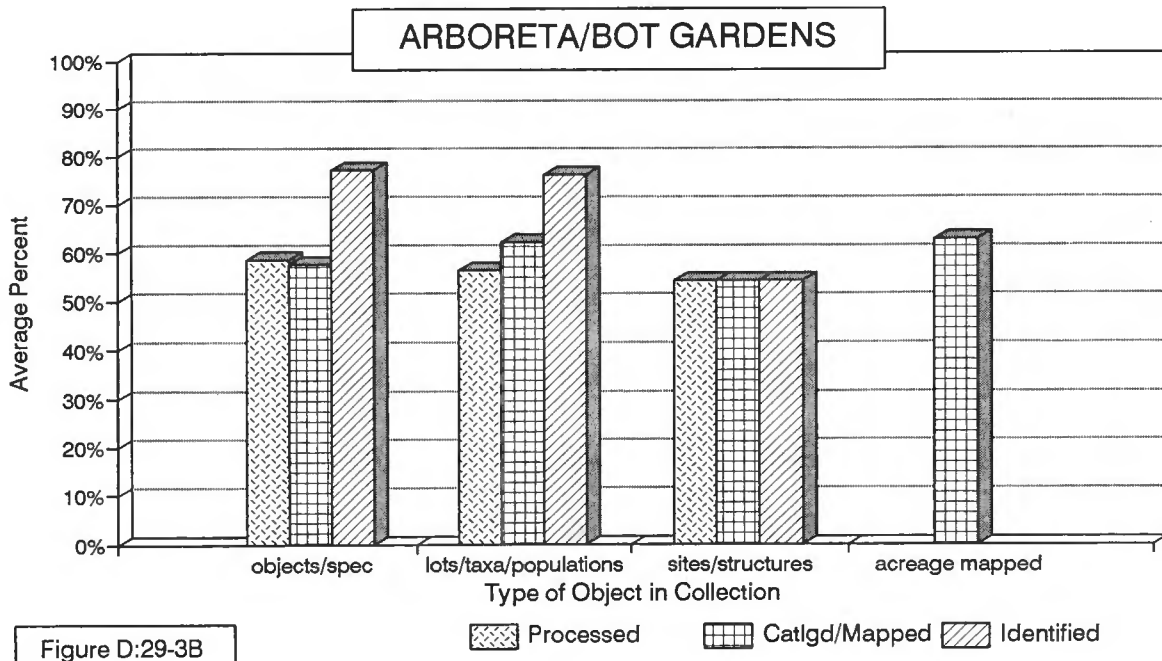


Figure D:29-2B

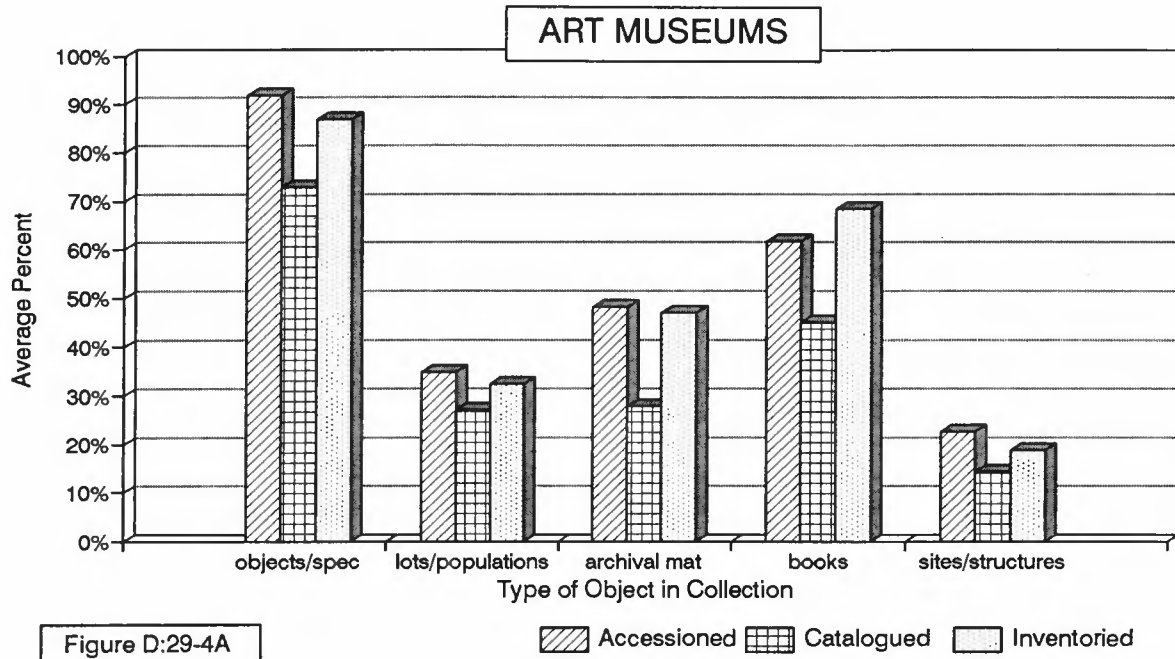
Average Percent of Permanent Collection Records Developed & Maintained



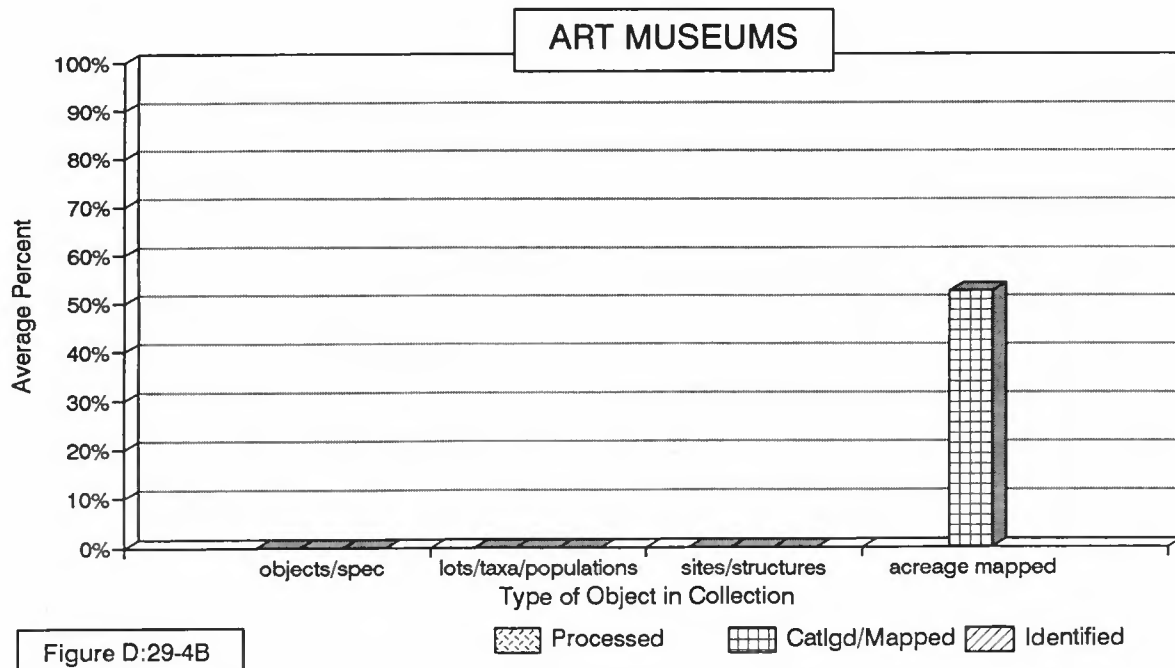
Average Percent of Nat Hist, Living and Outdoor Permanent Collections Records



Average Percent of Permanent Collection Records Developed & Maintained



Average Percent of Nat Hist, Living and Outdoor Permanent Collections Records



Average Percent of Permanent Collection Records Developed & Maintained

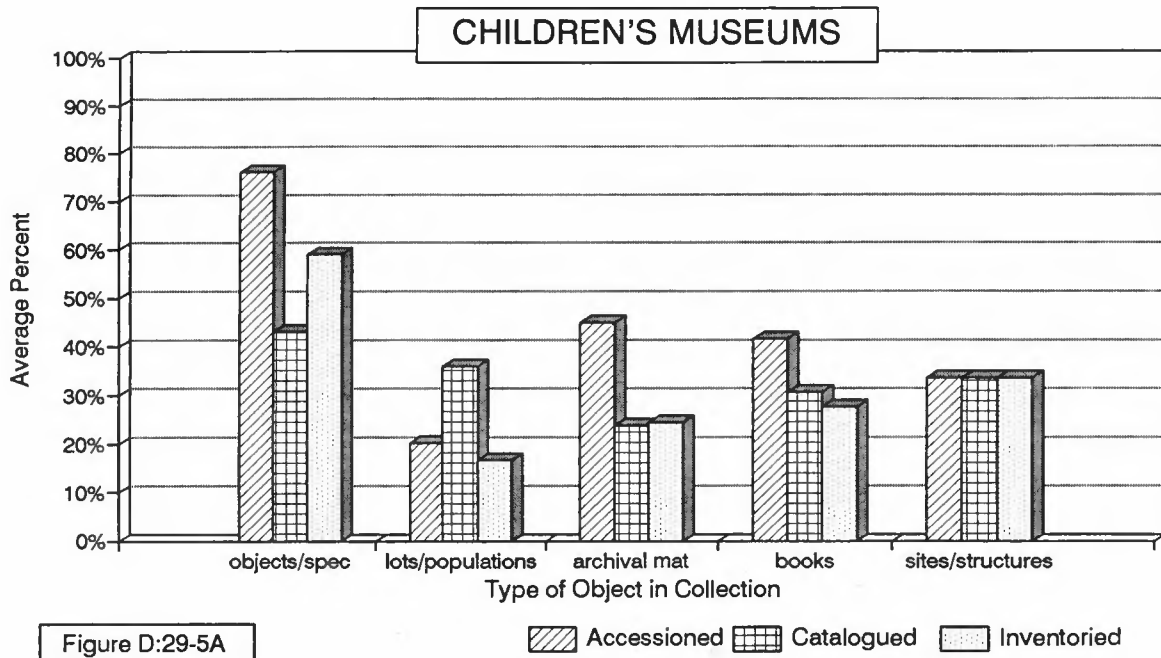


Figure D:29-5A

Average Percent of Nat Hist, Living and Outdoor Permanent Collections Records

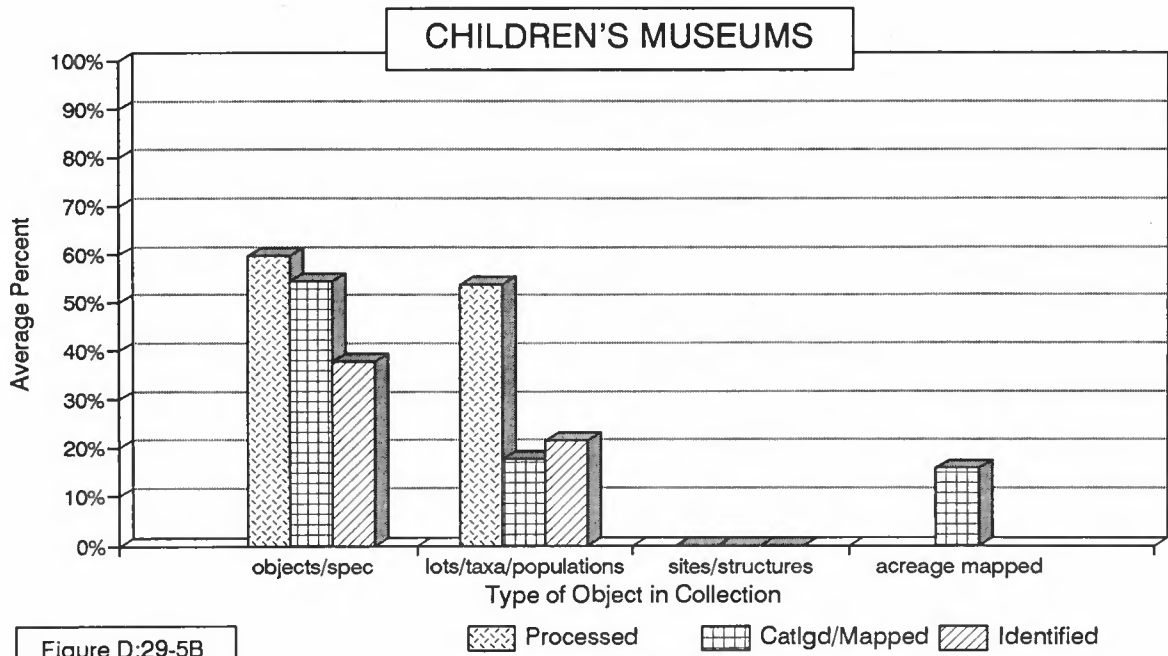
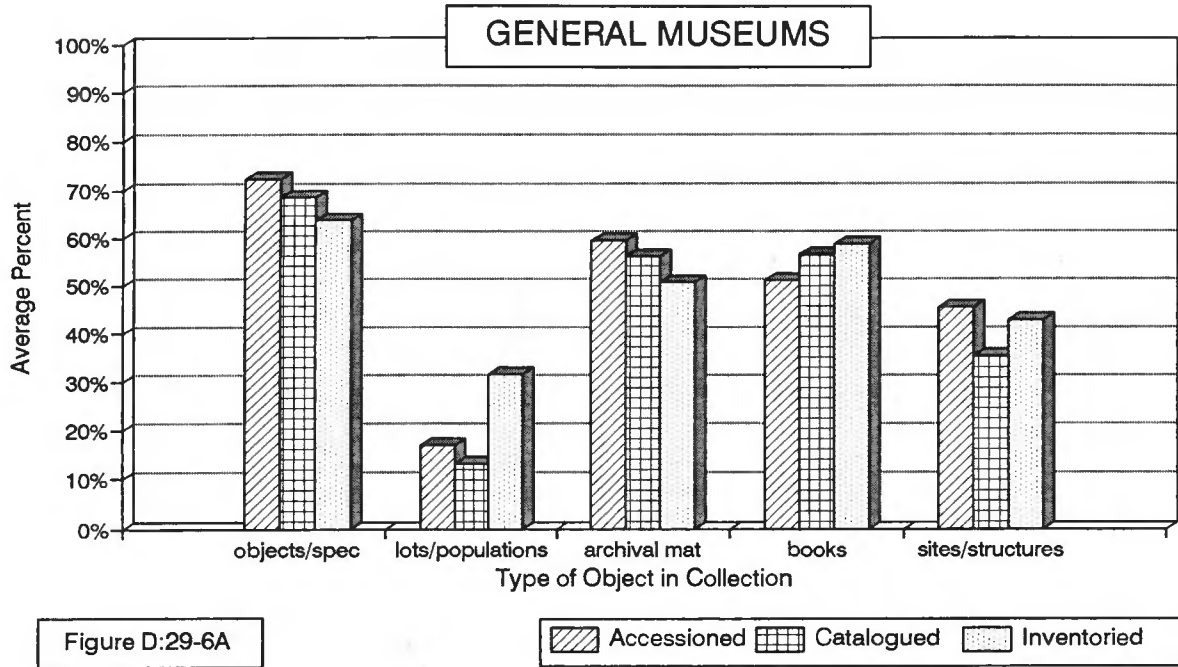
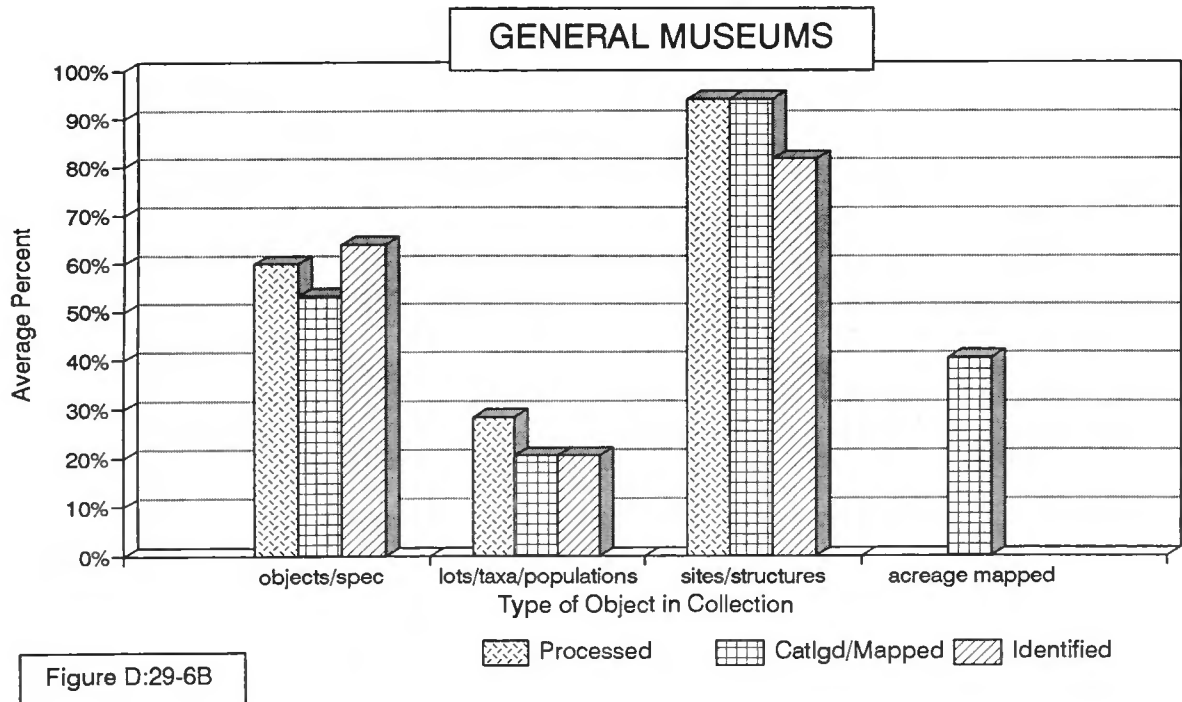


Figure D:29-5B

Average Percent of Permanent Collection Records Developed & Maintained



Average Percent of Nat Hist, Living and Outdoor Permanent Collections Records



Average Percent of Permanent Collection Records Developed & Maintained

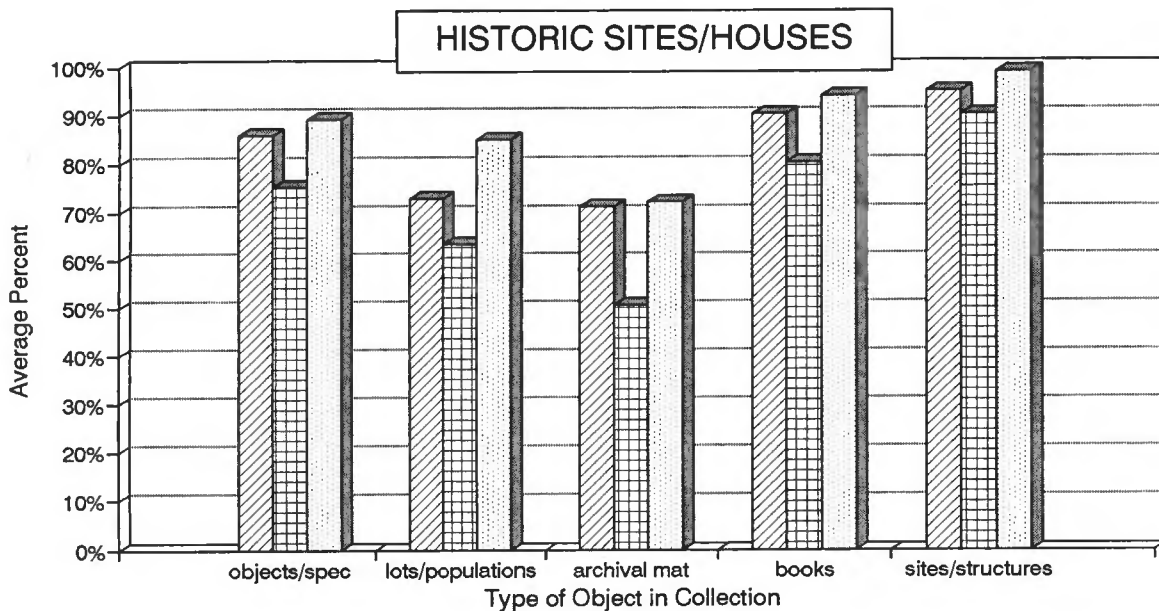


Figure D:29-7A

Accessioned Catalogued Inventoried

Average Percent of Nat Hist, Living and Outdoor Permanent Collections Records

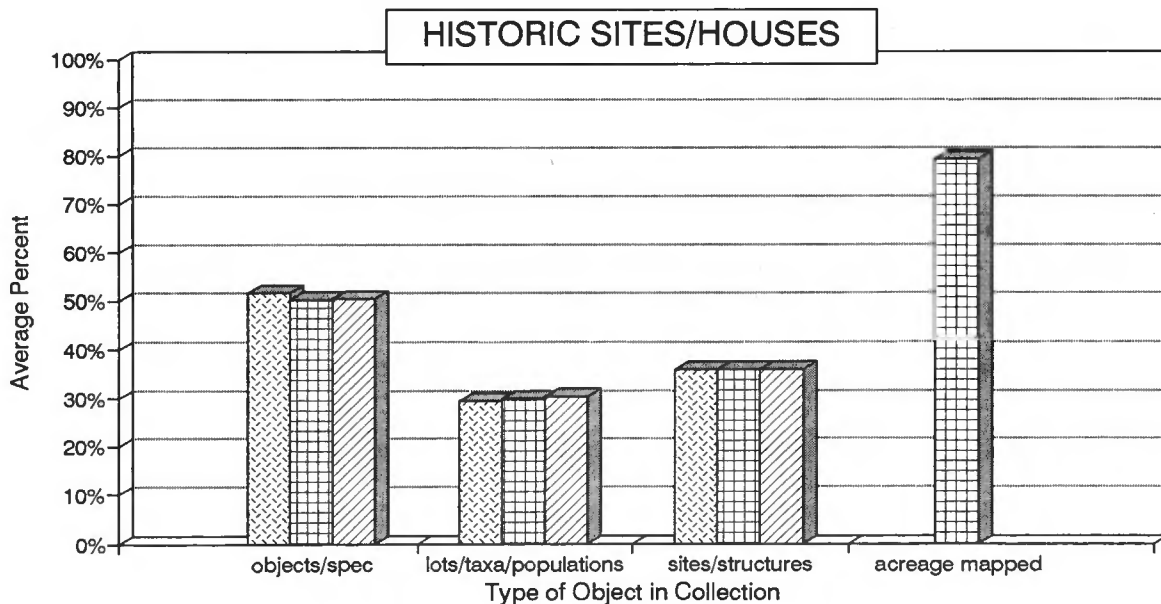


Figure D:29-7B

Processed Catlgd/Mapped Identified

Average Percent of Permanent Collection Records Developed & Maintained

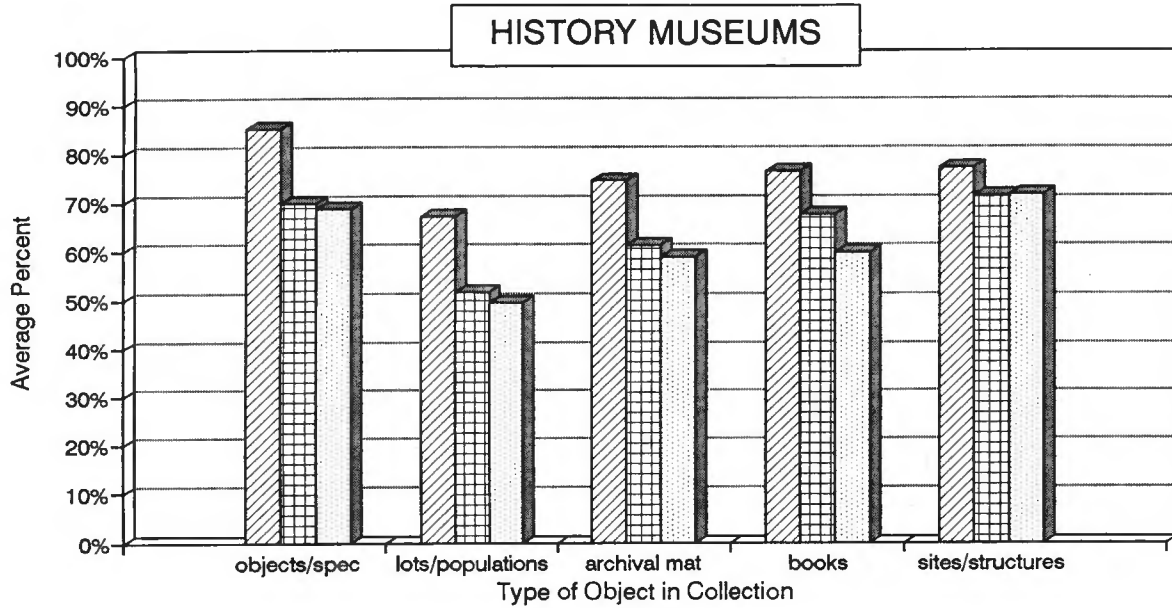


Figure D:29-8A

Accessioned Catalogued Inventoried

Average Percent of Nat Hist, Living and Outdoor Permanent Collections Records

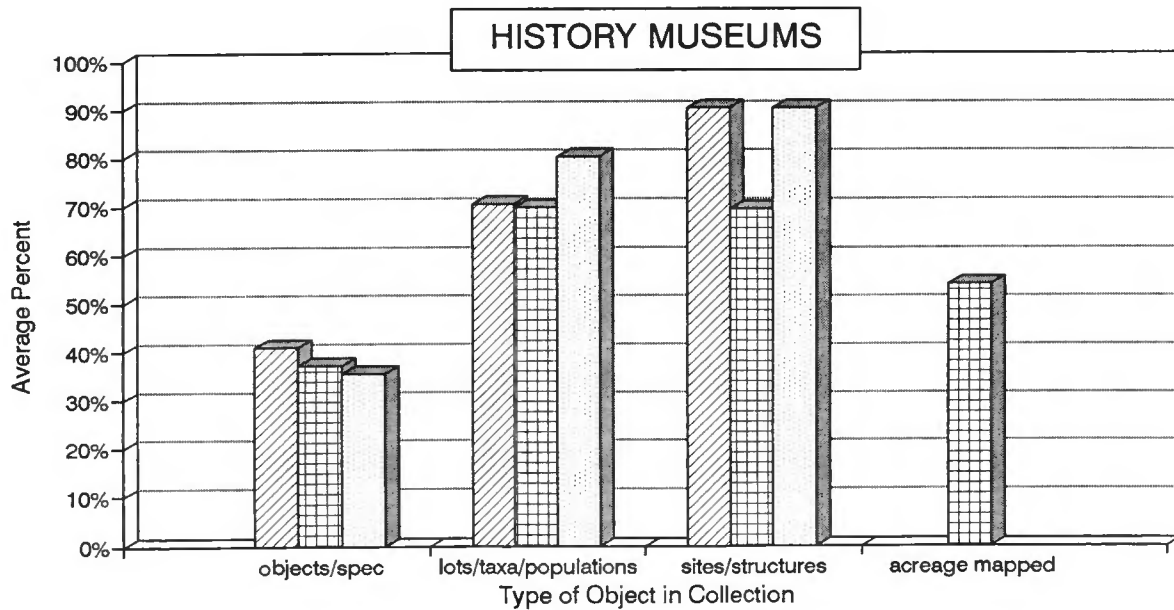


Figure D:29-8B

Processed Catlgd/Mapped Identified

Average Percent of Permanent Collection Records Developed & Maintained

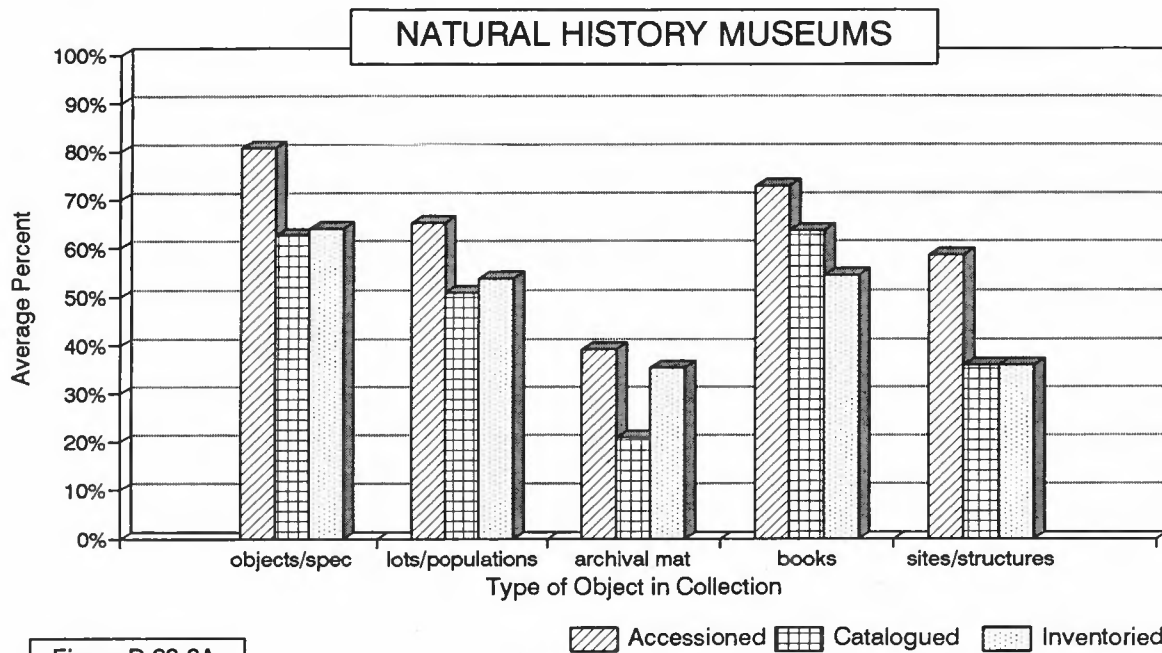


Figure D:29-9A

Average Percent of Nat Hist, Living and Outdoor Permanent Collections Records

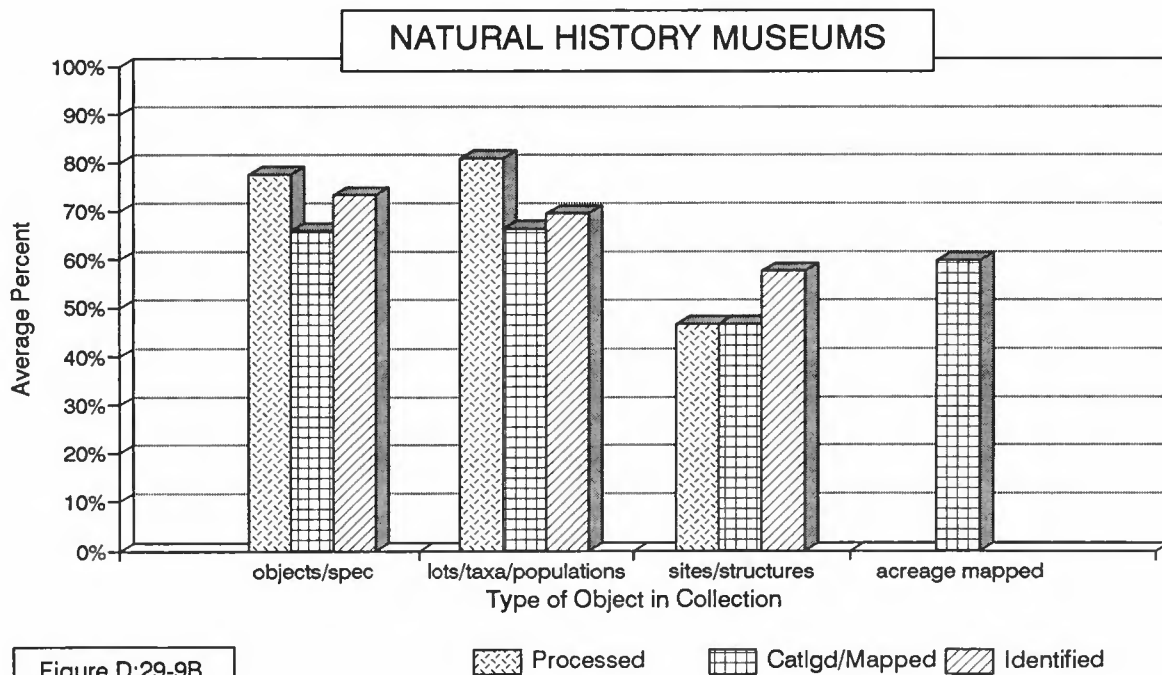


Figure D:29-9B

Average Percent of Permanent Collection Records Developed & Maintained

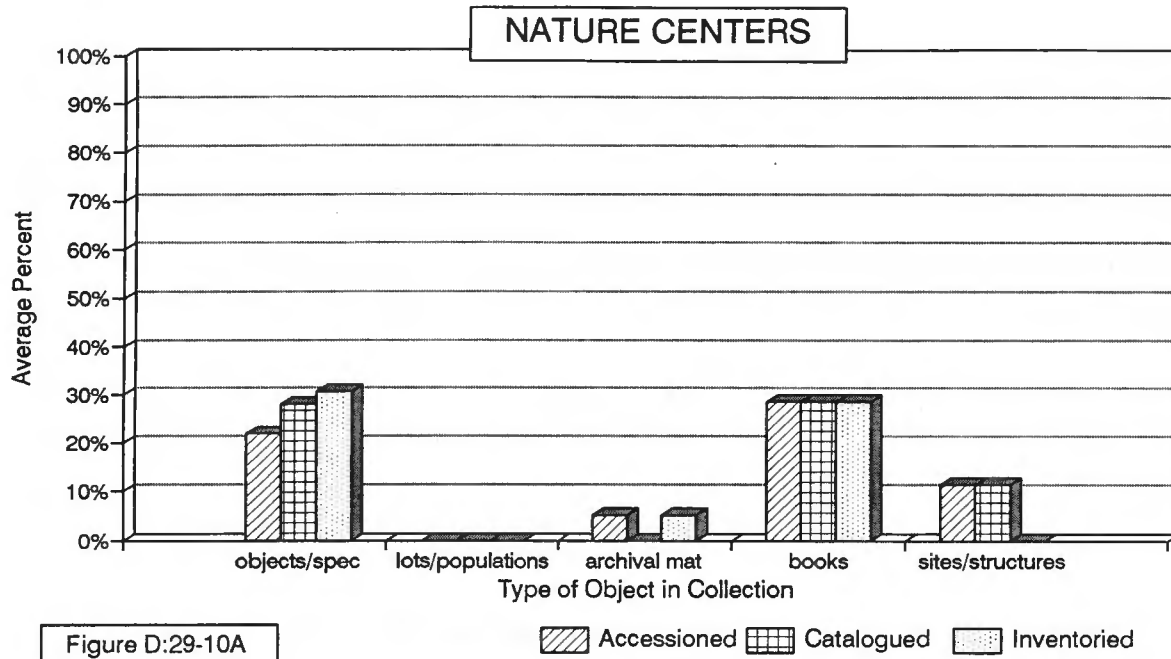


Figure D:29-10A

Average Percent of Nat Hist, Living and Outdoor Permanent Collections Records

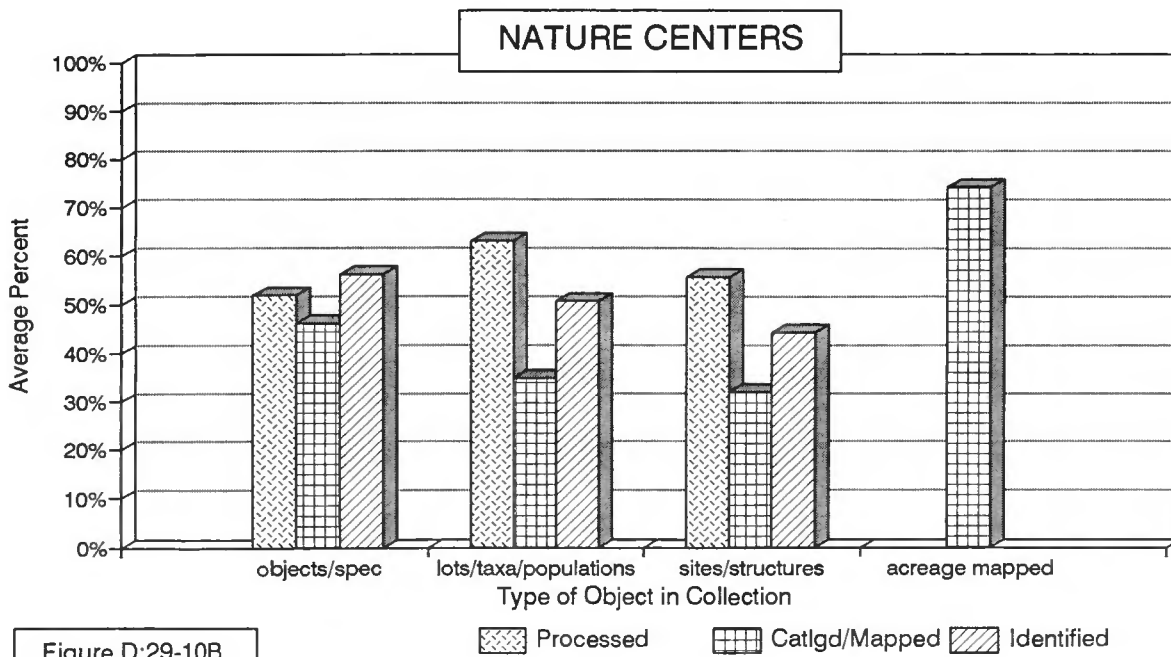
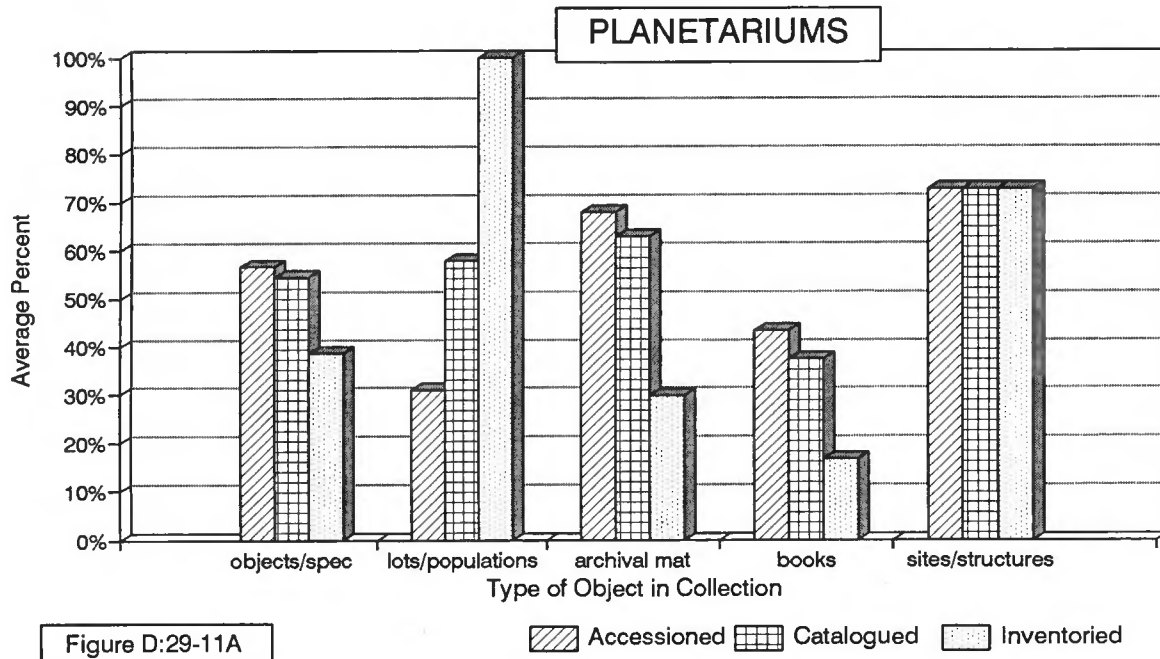
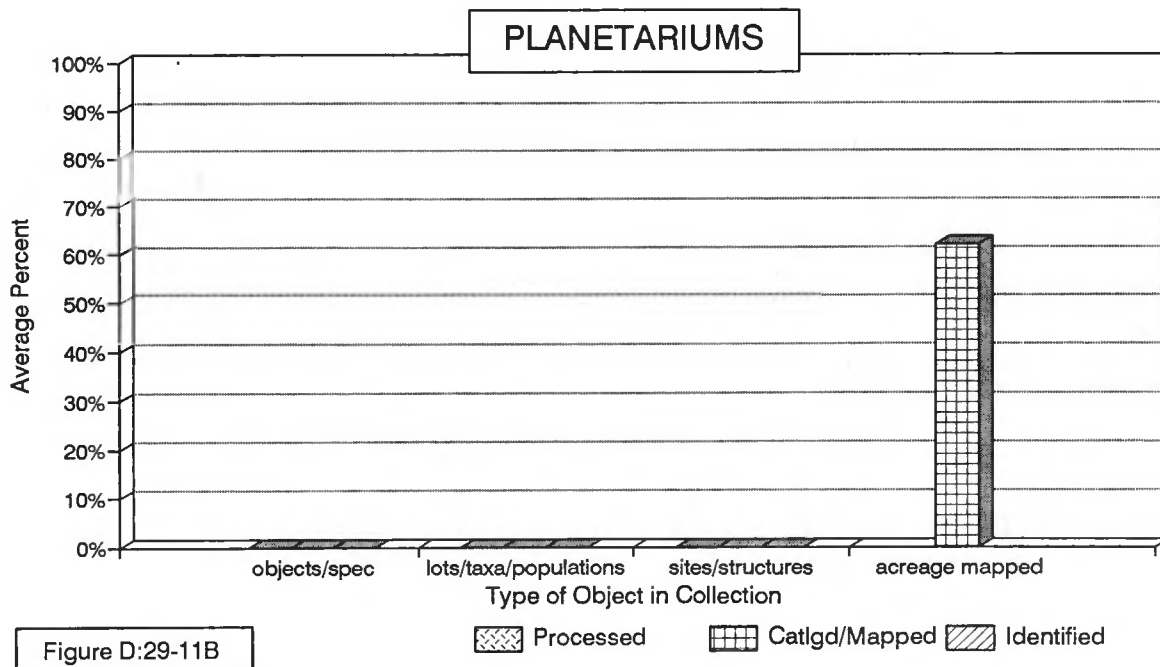


Figure D:29-10B

Average Percent of Permanent Collection Records Developed & Maintained



Average Percent of Nat Hist, Living and Outdoor Permanent Collections Records



Average Percent of Permanent Collection Records Developed & Maintained

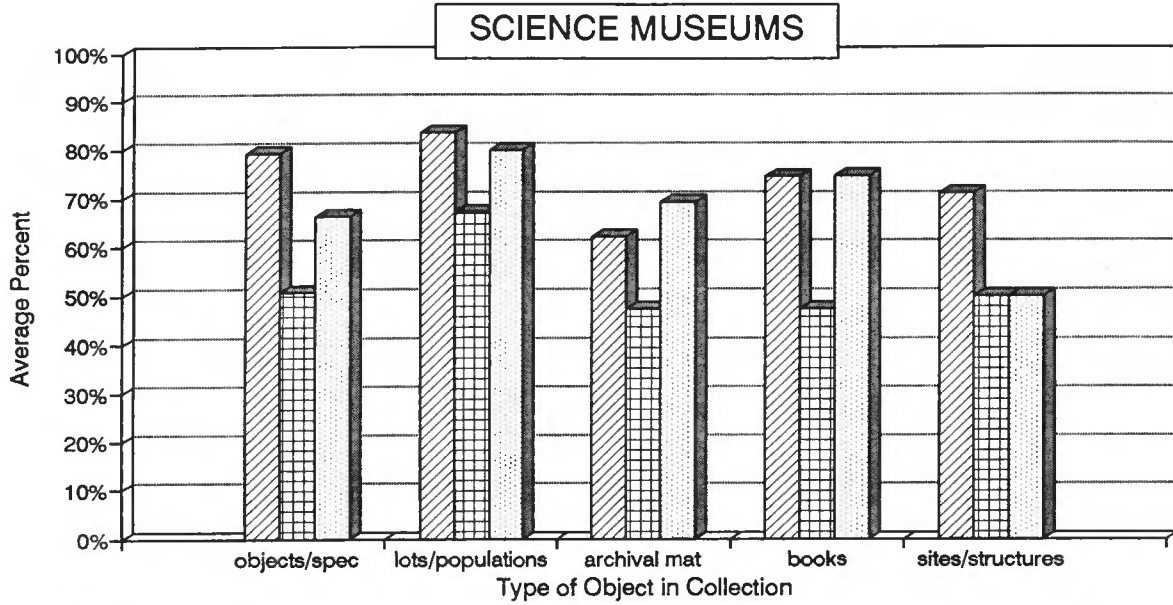


Figure D:29-12A

Accessioned Catalogued Inventoried

Average Percent of Nat Hist, Living and Outdoor Permanent Collections Records

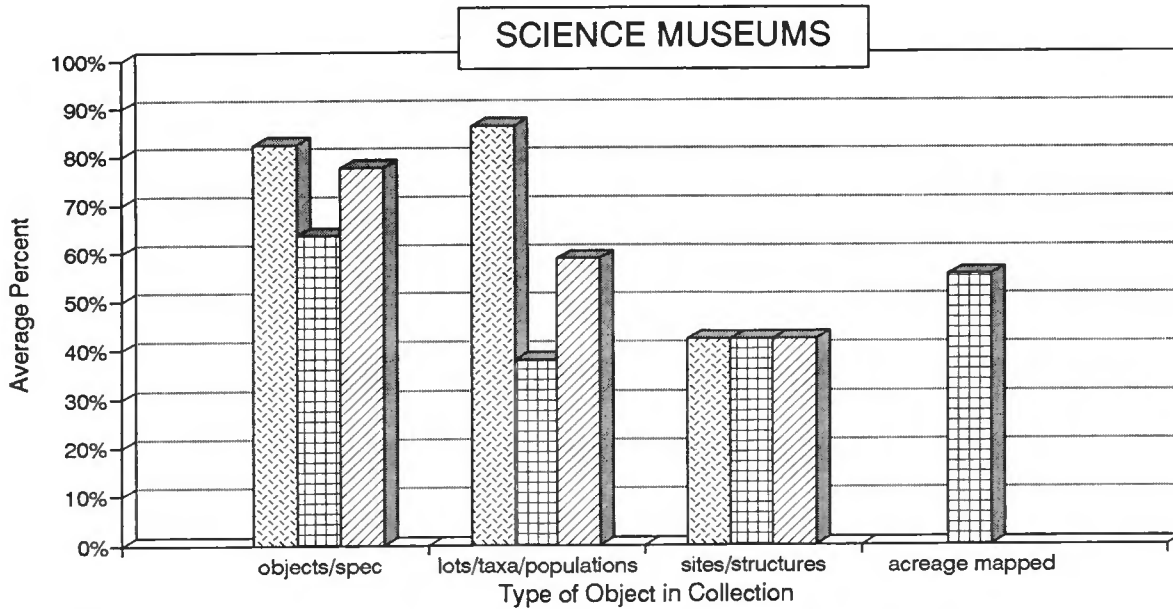


Figure D:29-12B

Processed Catlgd/Mapped Identified

Average Percent of Permanent Collection Records Developed & Maintained

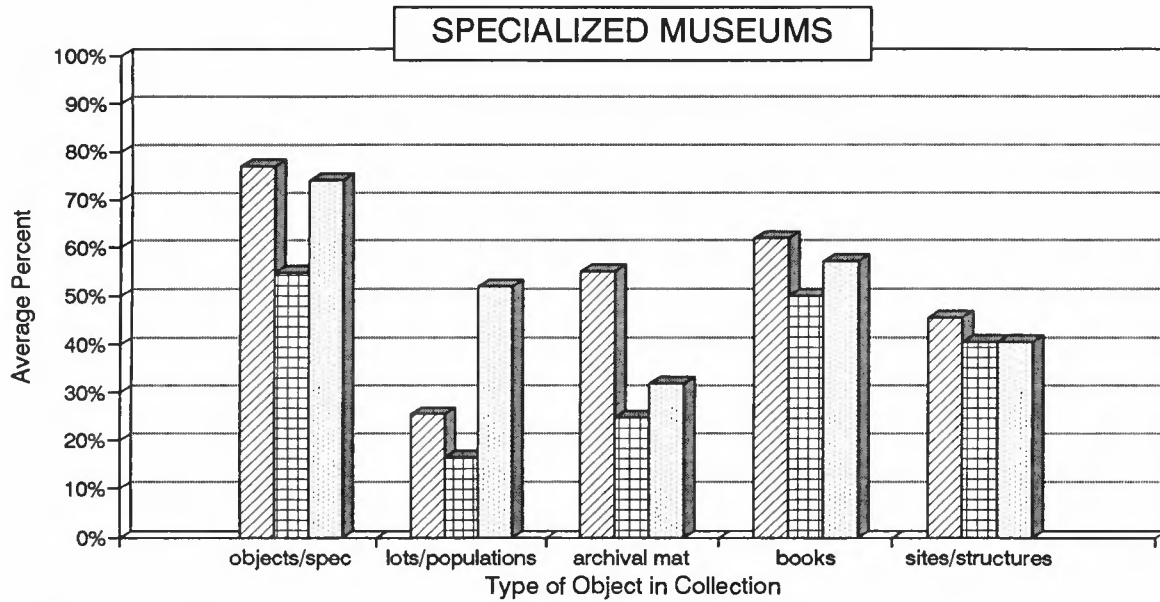


Figure D:29-13A

Accessioned Catalogued Inventoried

Average Percent of Nat Hist, Living and Outdoor Permanent Collections Records

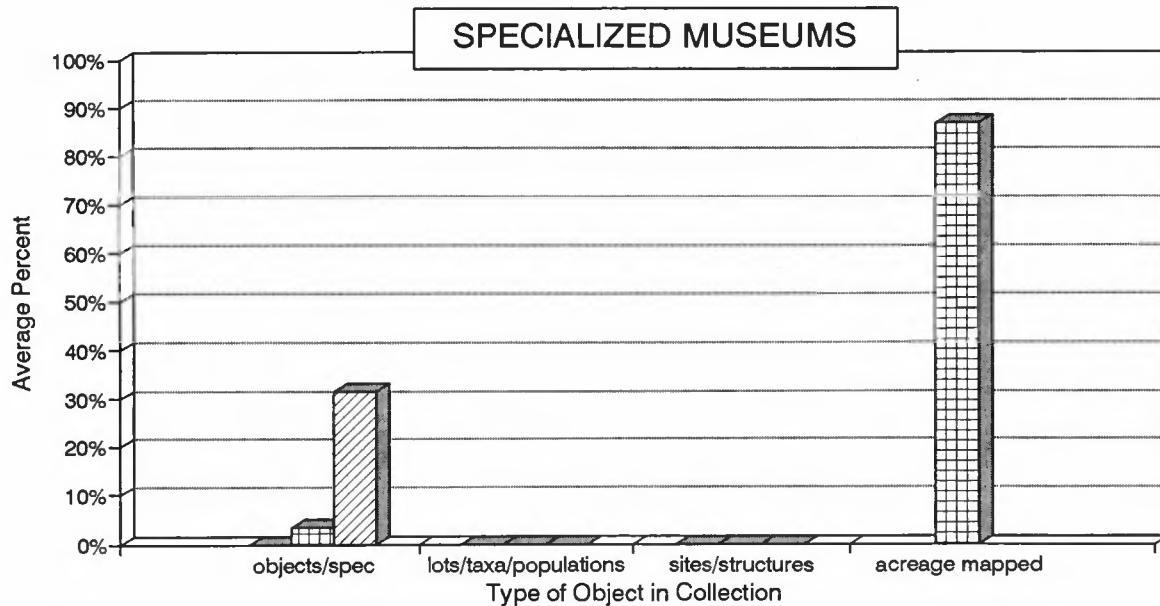


Figure D:29-13B

Processed Catlgd/Mapped Identified

Average Percent of Permanent Collection Records Developed & Maintained

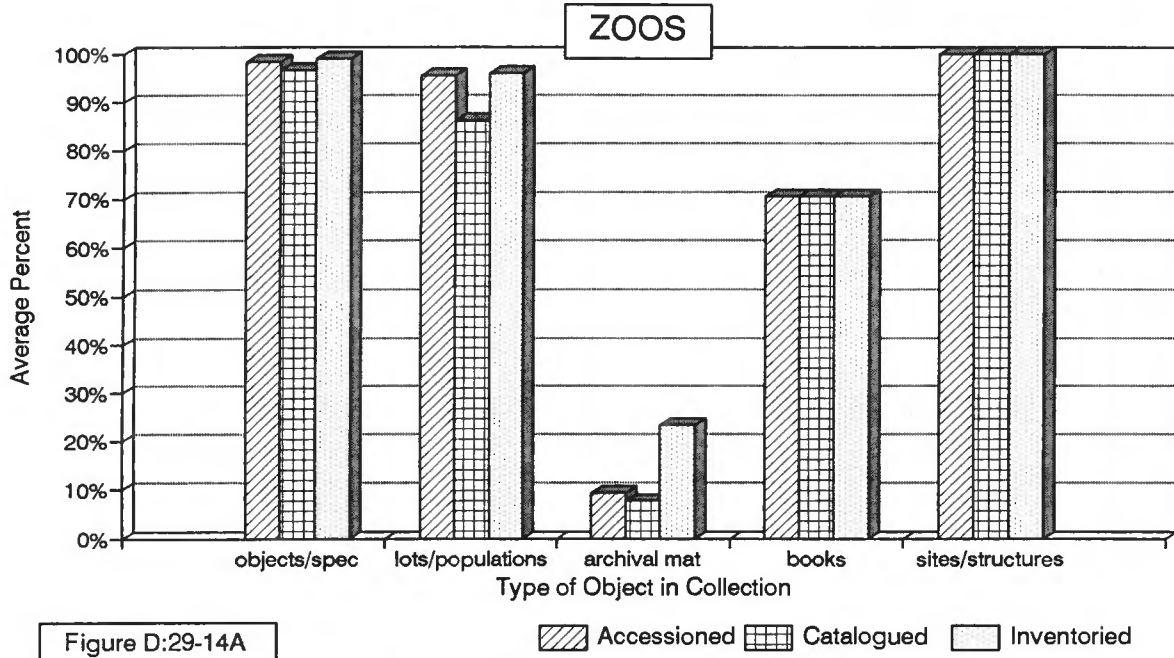


Figure D:29-14A

Average Percent of Nat Hist, Living and Outdoor Permanent Collections Records

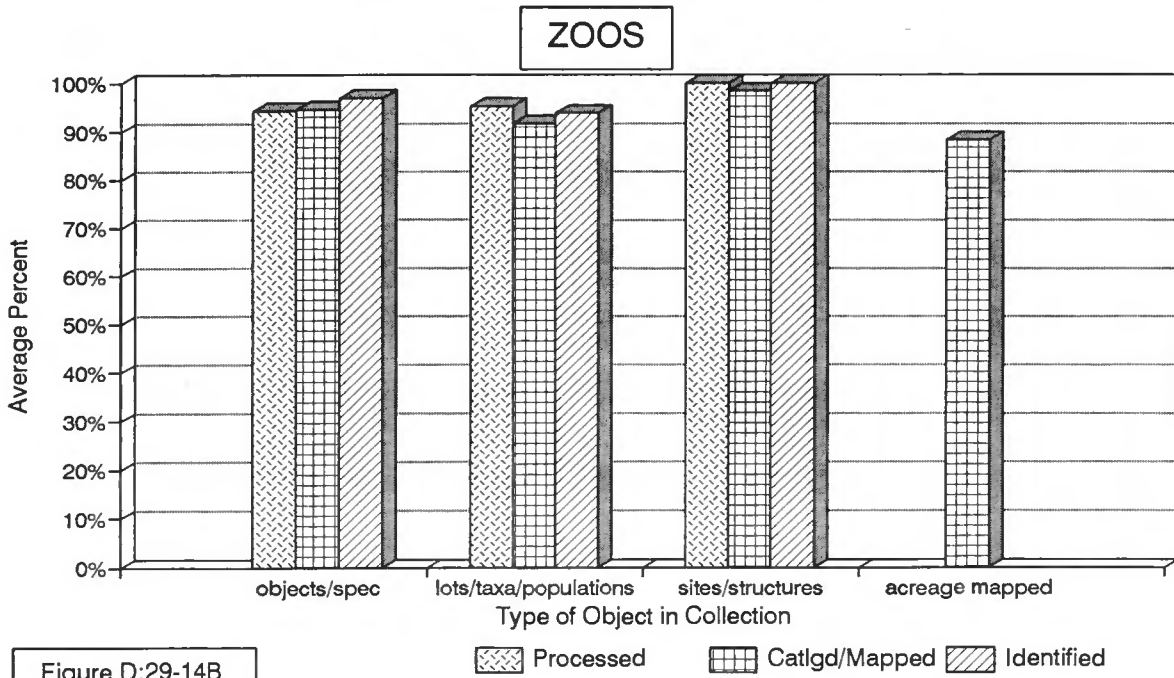


Figure D:29-14B

Percent of All & L&M Museums (by Type) with Collections Used by Researchers

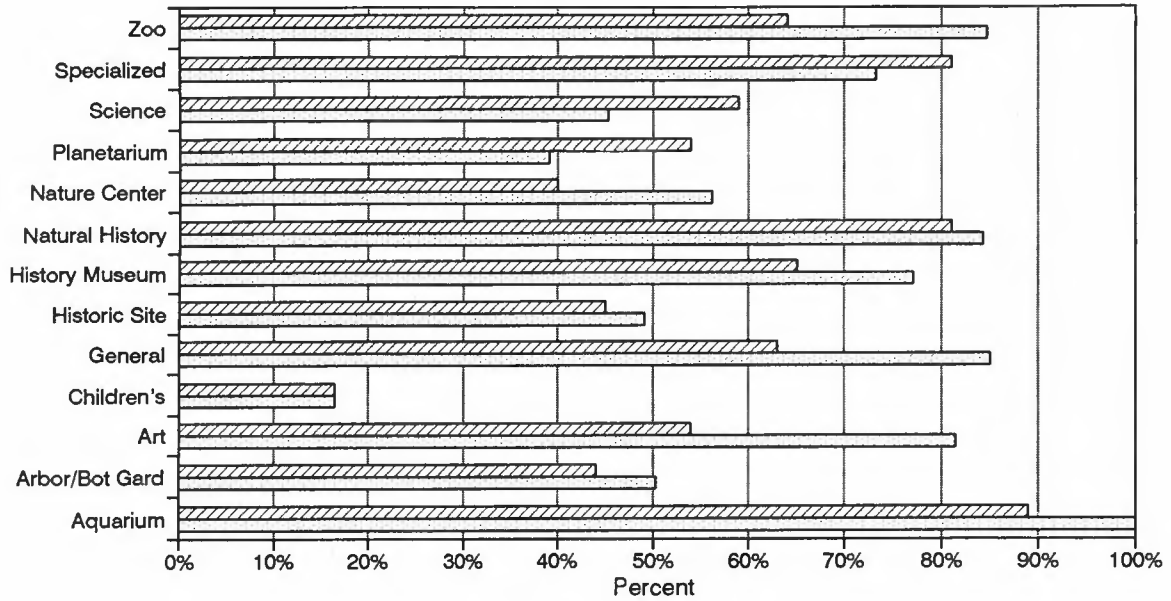


Figure D:44-1

Legend: Large and Medium (dotted), All Museums (hatched)

Percent of Museums with Collections Used by Researchers by Gov Authority

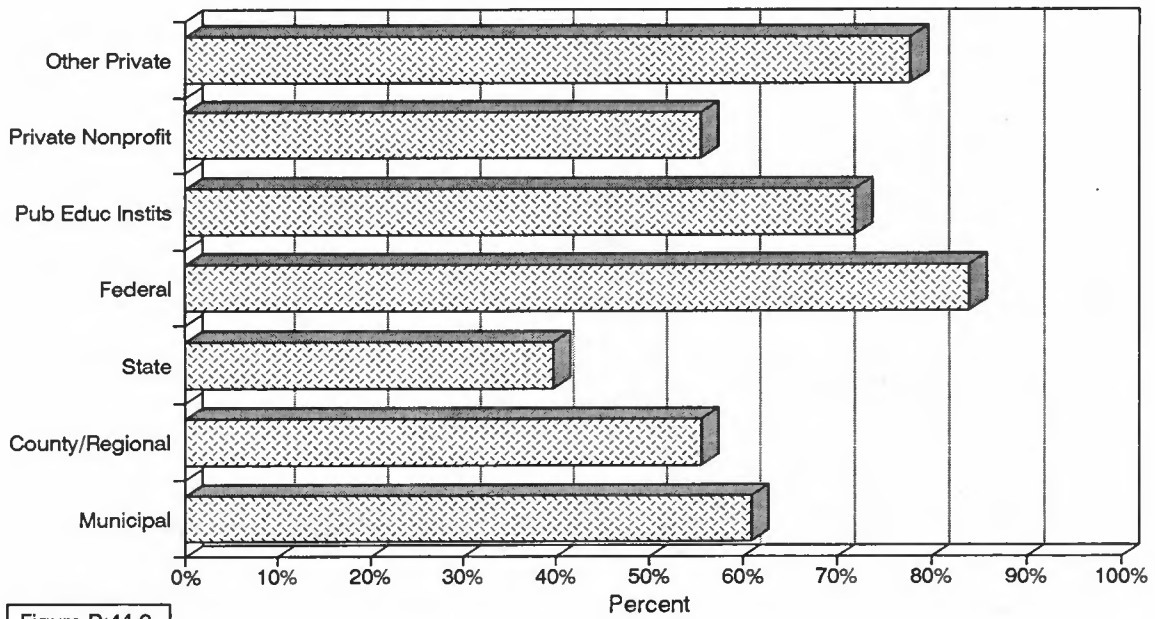


Figure D:44-2

Number of Research Findings Published by Museum Size

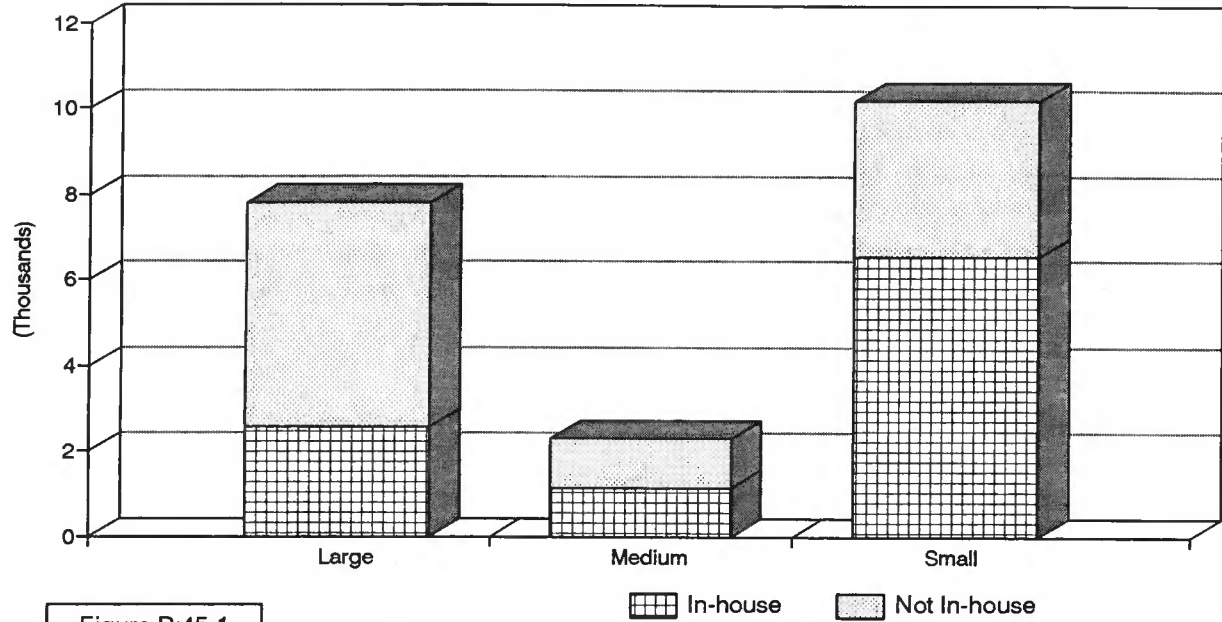


Figure D:45-1

Number of Research Findings Published by Museum Type

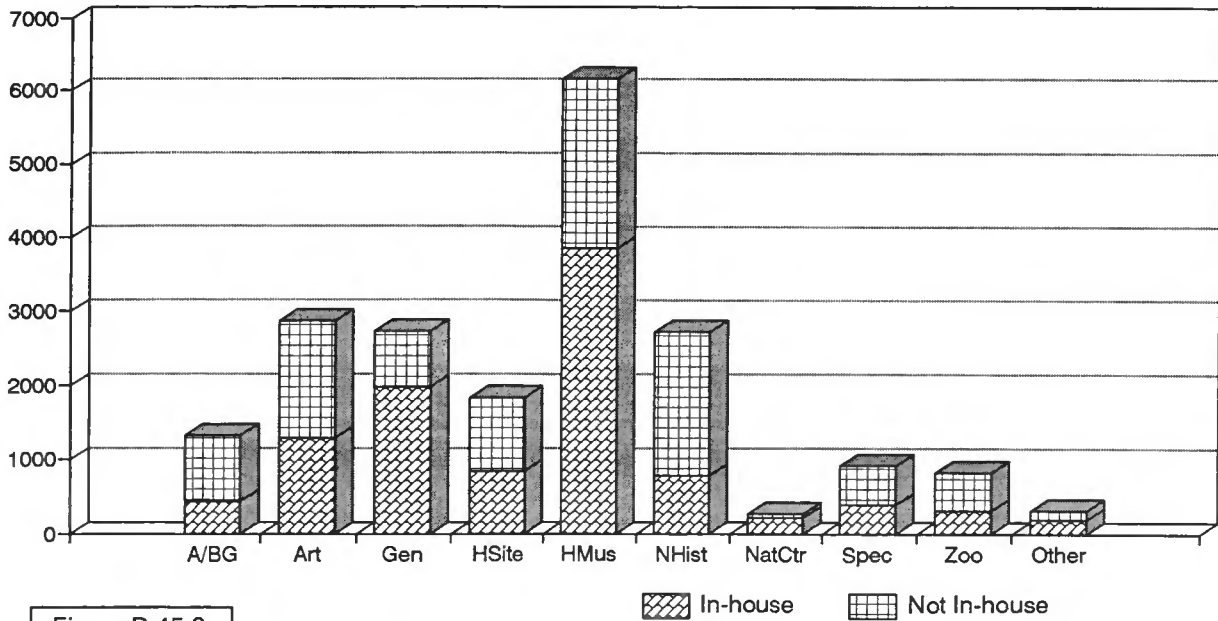


Figure D:45-2

Distribution of Museums by Number of Hours Open per Week for All Museums

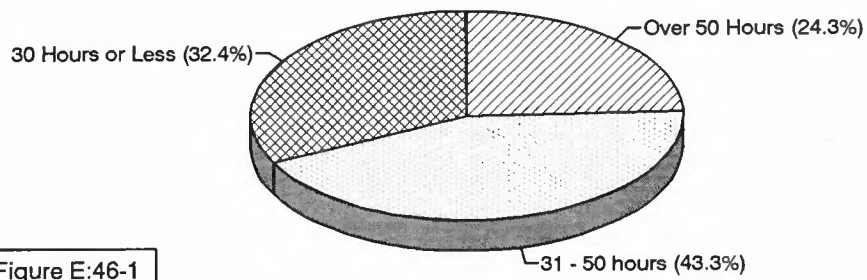


Figure E:46-1

Distribution of Total Museum Attendance For 1988 by Type

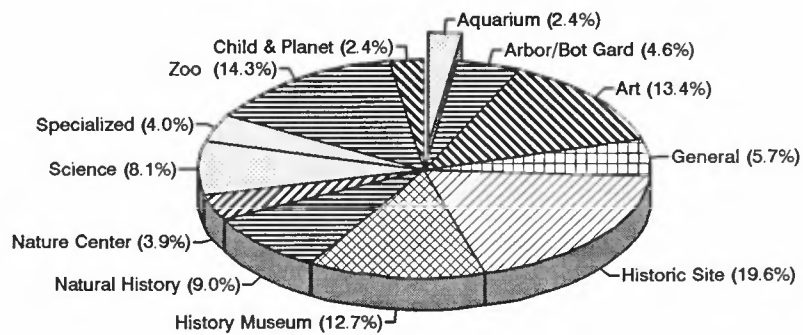


Figure E:47-1

Total Museum Attendance 1975-1979* and 1986-1988

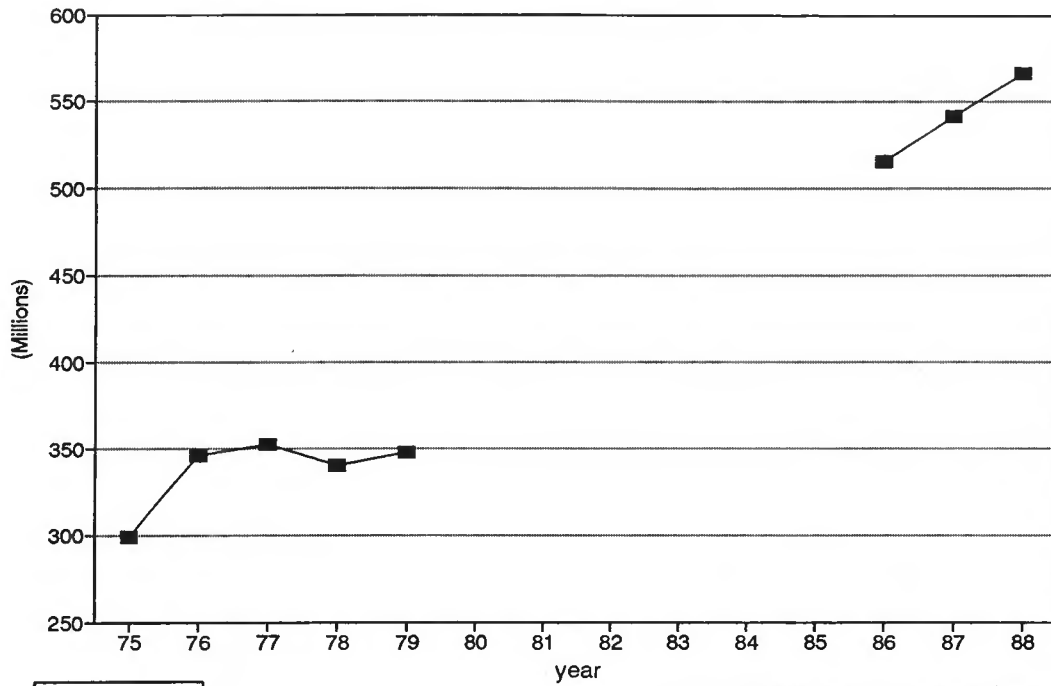


Figure E:47-2

* From 1979 Museum Program Survey

Average Museum Attendance 1975-1979* and 1986-1988**

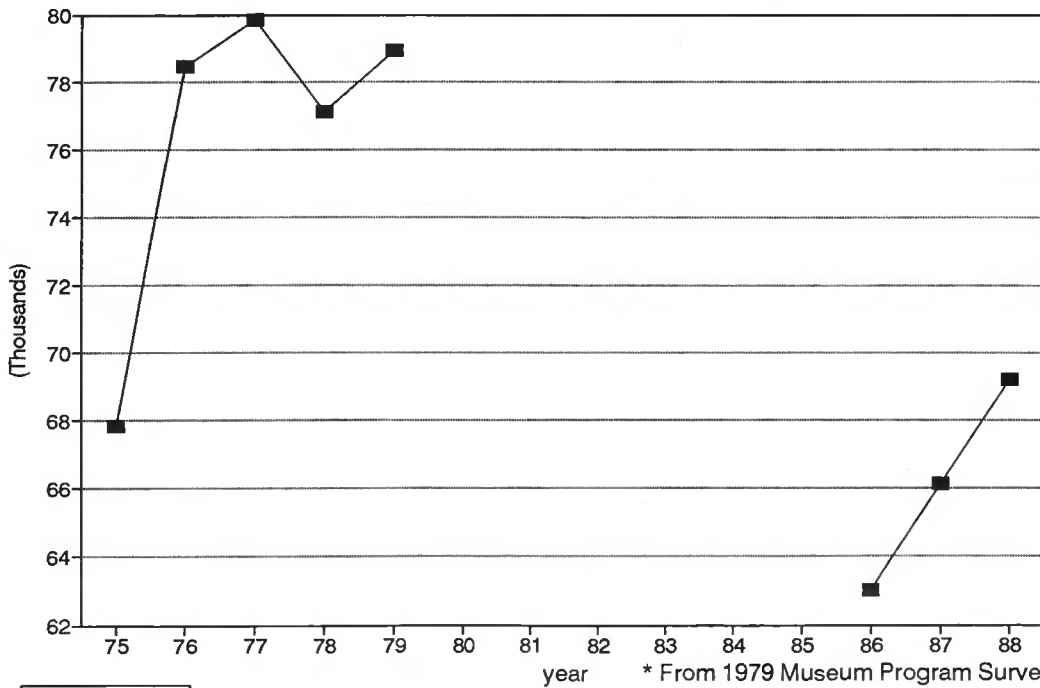
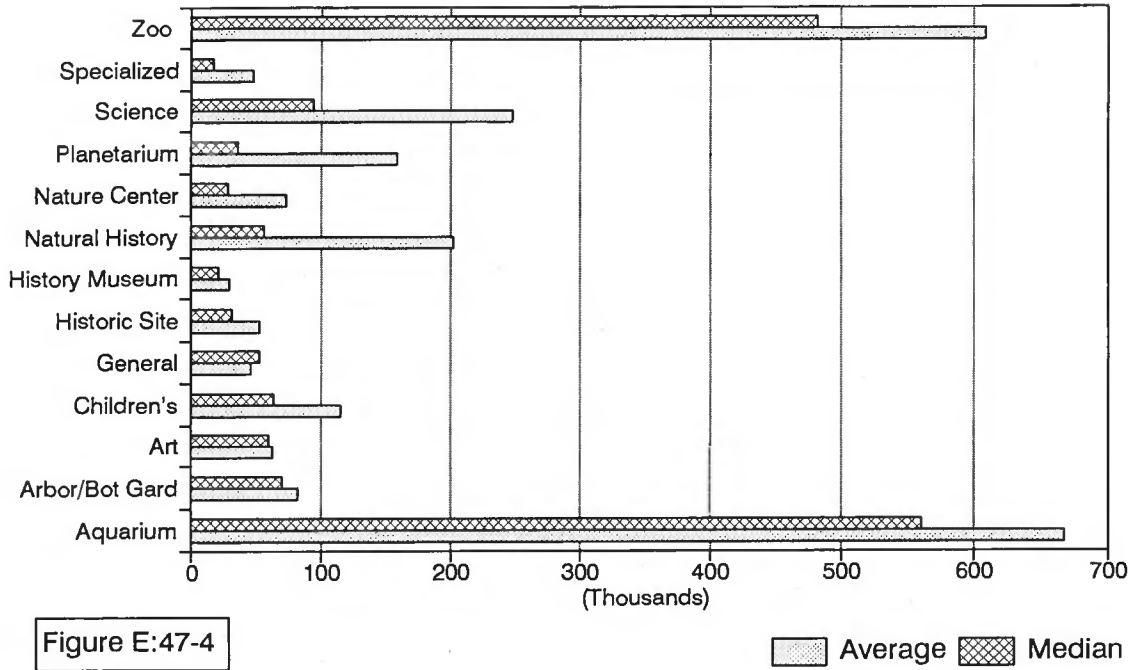


Figure E:47-3

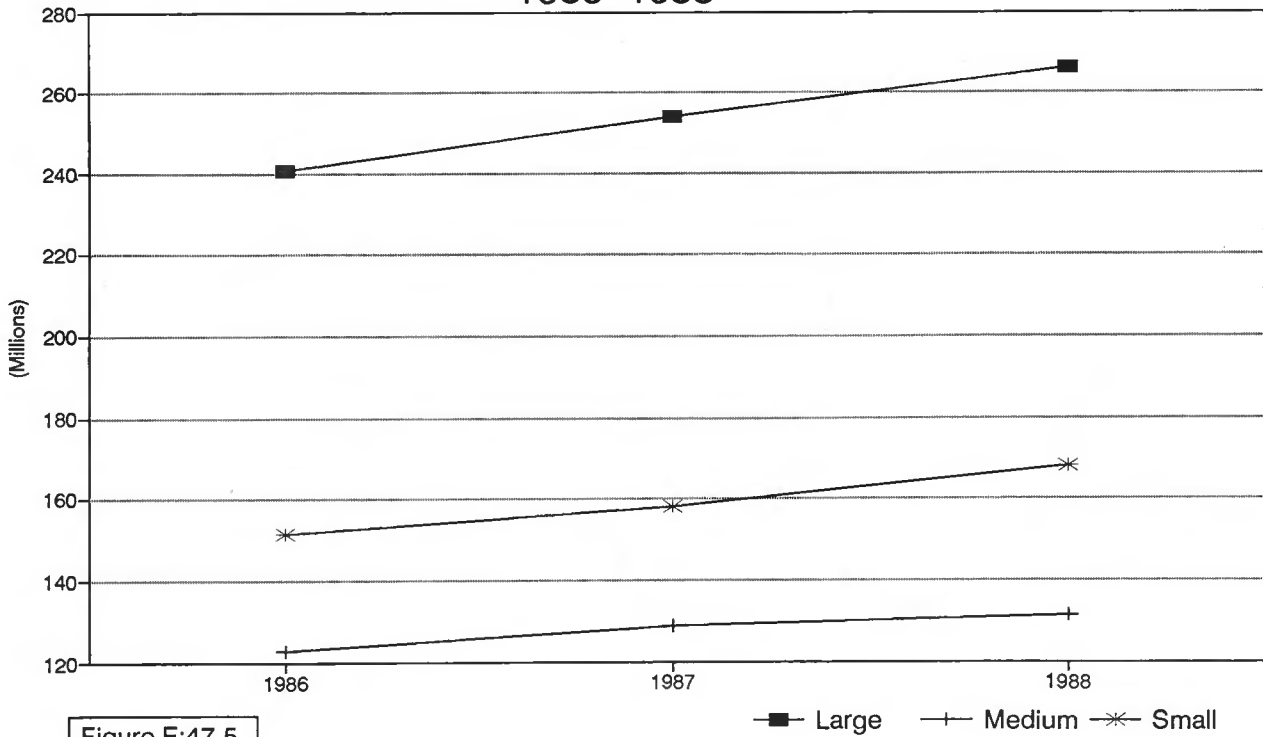
* From 1979 Museum Program Survey

** Current survey included many more smaller museums

Average and Median Attendance For FY1988 by Type



Total Attendance by Size of Museum 1986-1988



Distribution of 1988 Attendance by Governing Authority

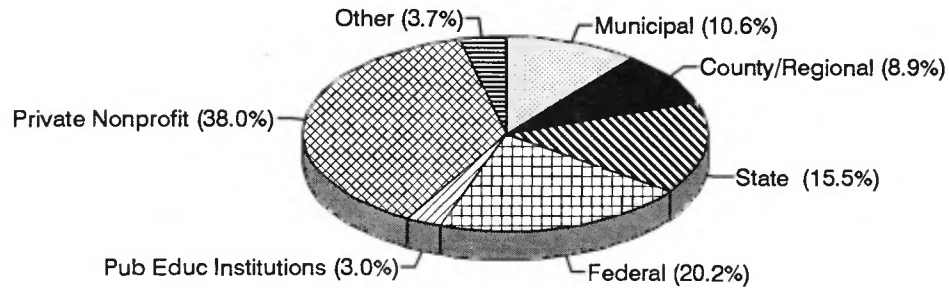


Figure E:47-6

Total Attendance by Region 1986 -1988

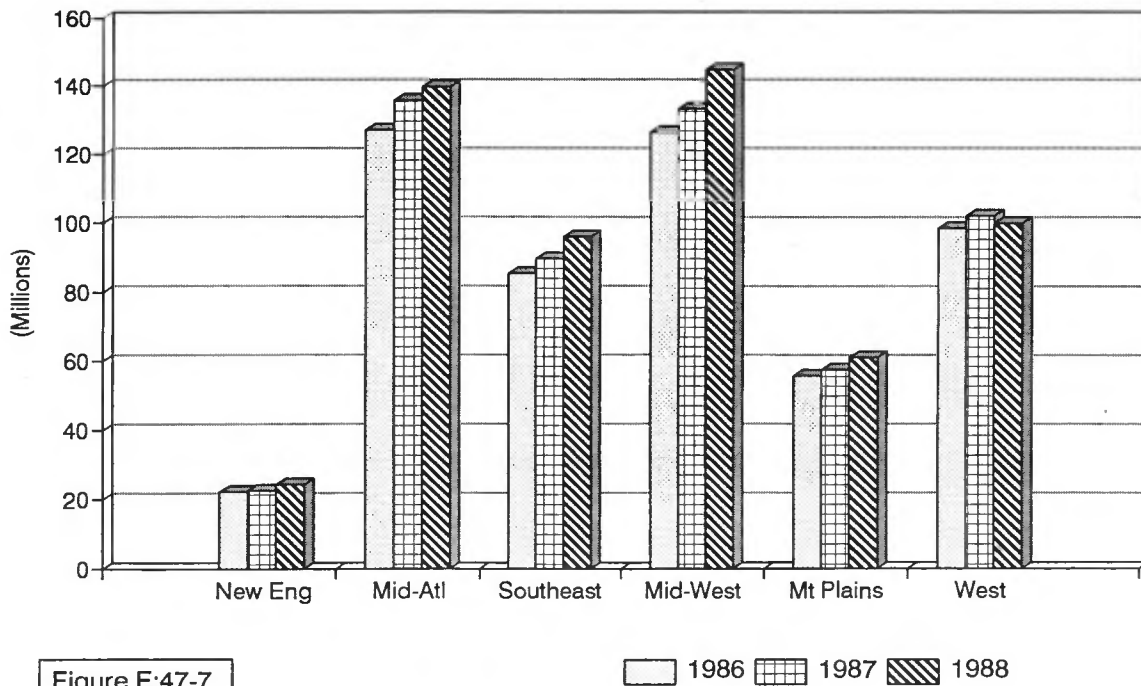


Figure E:47-7

1986 1987 1988

Percent of Museums Charging Admission Fee by Museum Type

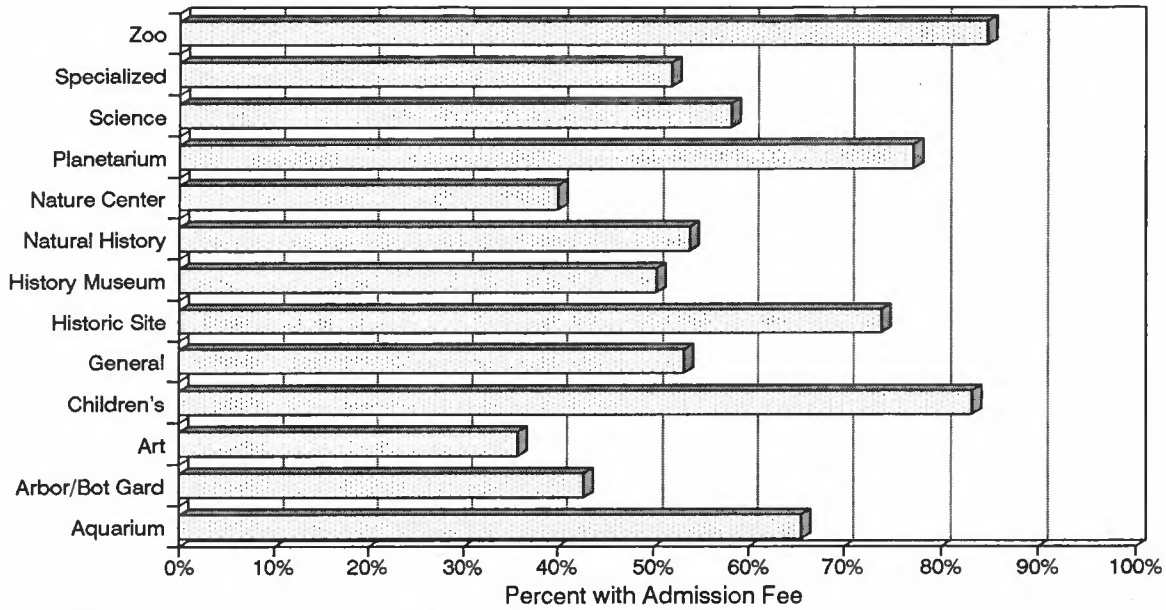


Figure E:49-1

Percent of Museums Charging Admission Fees: 1979* and 1989

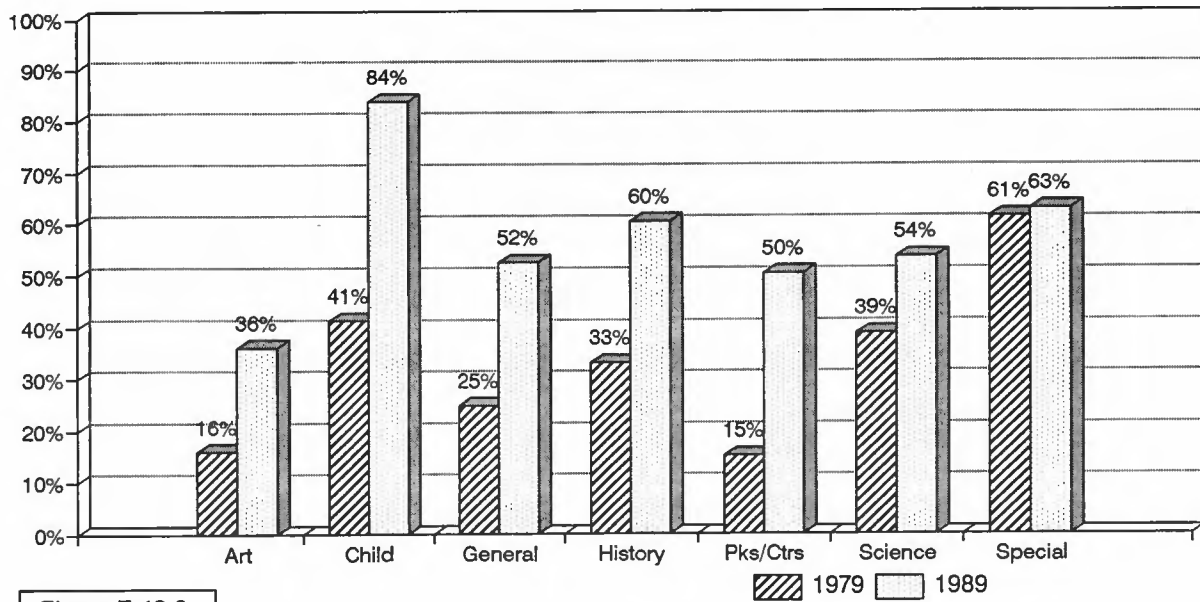


Figure E:49-2

* From 1979 Museum Program Survey

Percent of Museums Conducting Visitor or Audience Survey in Last 3 Years

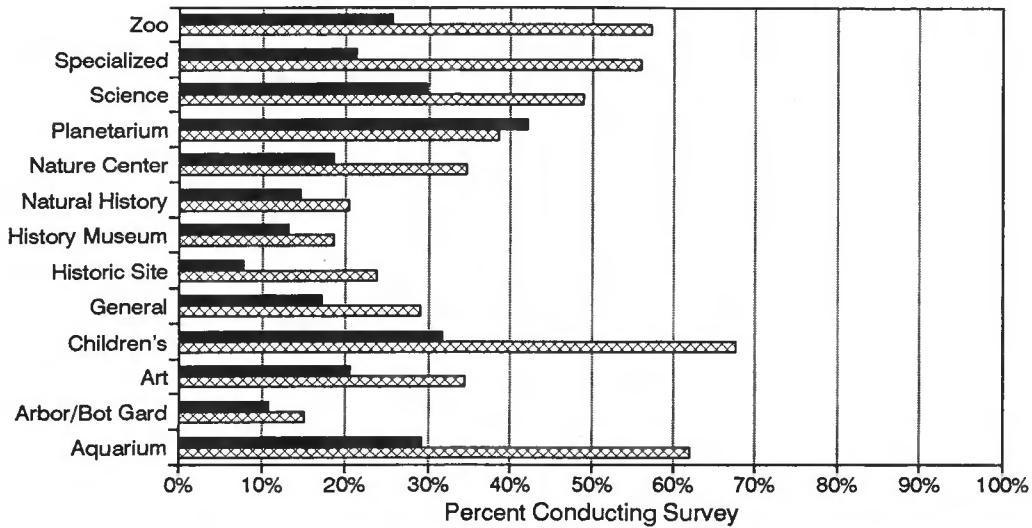


Figure E:53-1

Visitor Survey Audience Survey

Number of Exhibitions Produced by Museum Size: 1986 - 1988

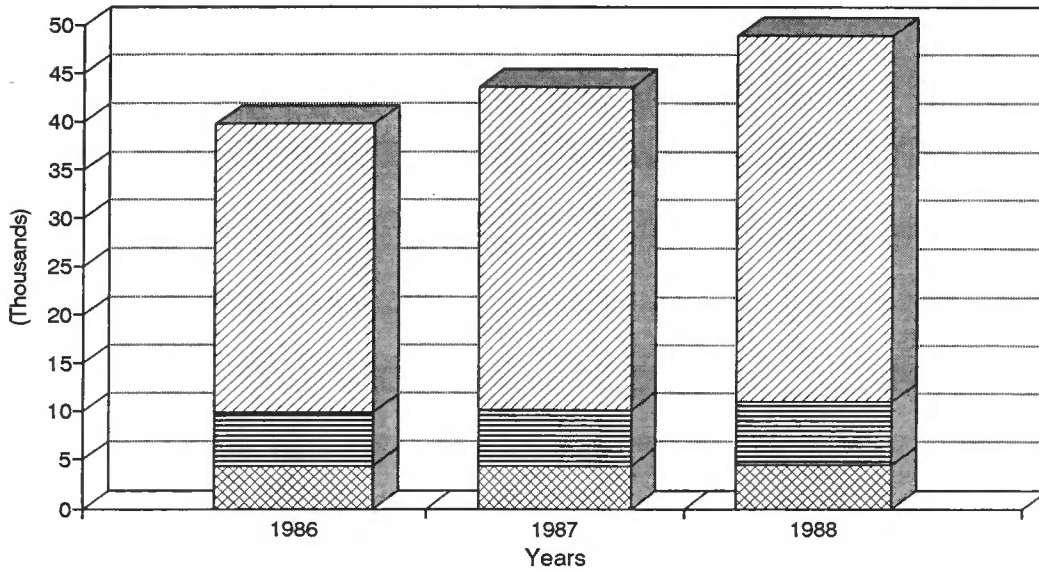


Figure E:54-1

Large Medium Small

Distribution of Total People Served by Museum Type

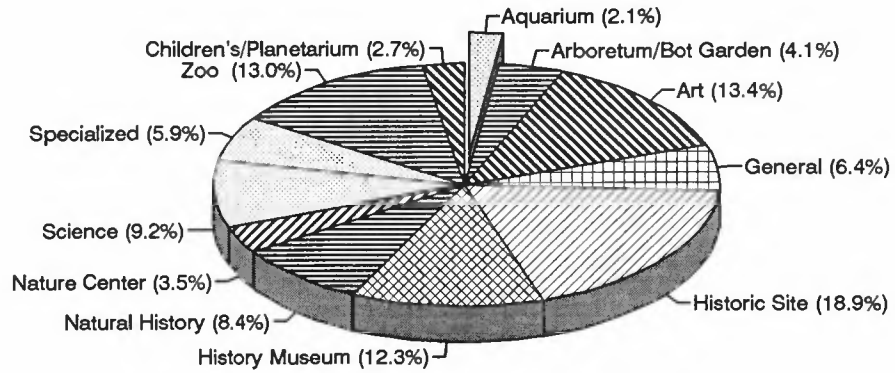


Figure E:58-1

Average Number of People Served by Museum Size

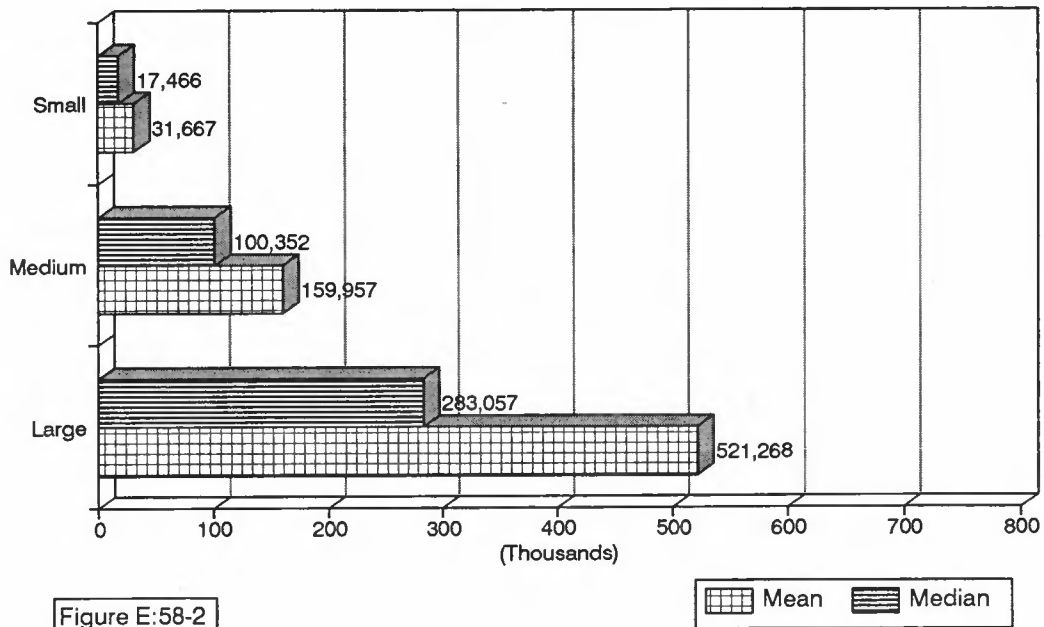


Figure E:58-2

Mean Median

Number of People Served and Attendance by Museum Type: 1988

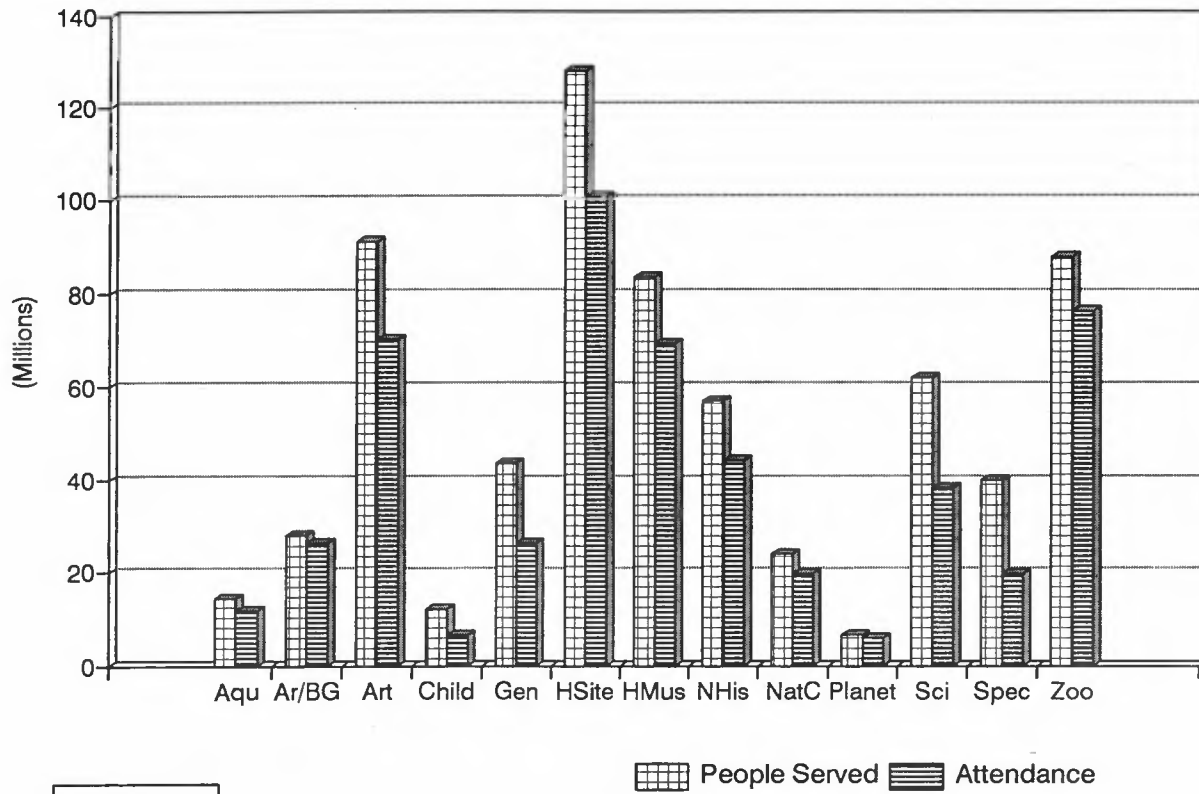


Figure E:58-3

Percent of Museums with Endowment Fund and Endowment Policy by Type

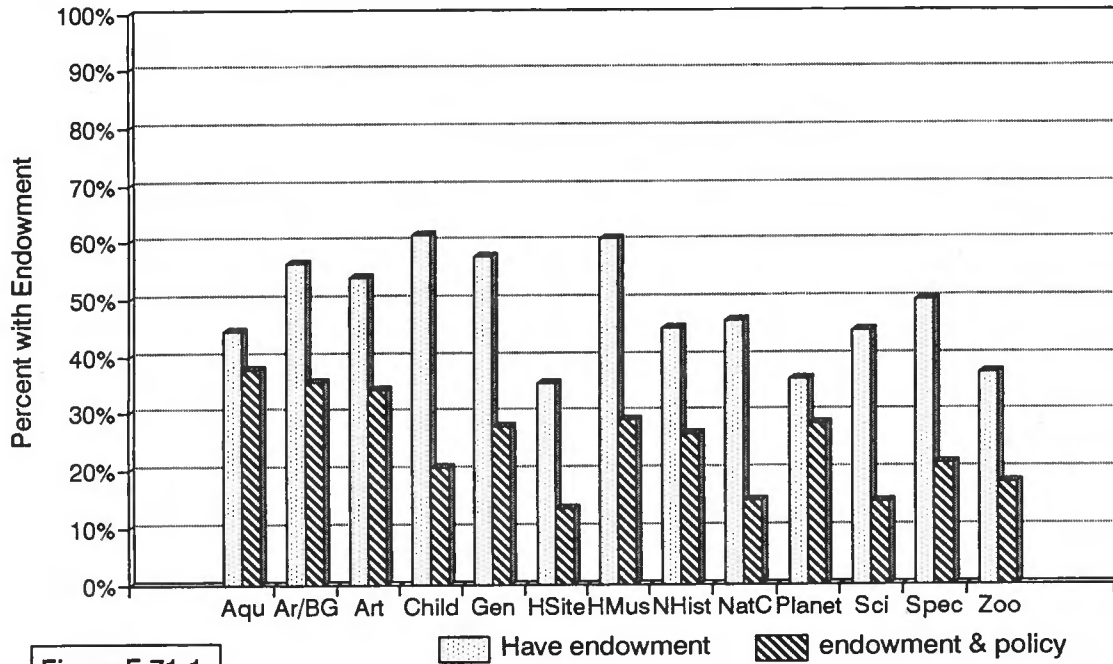


Figure F:71-1

Distribution of Endowment Value by Type

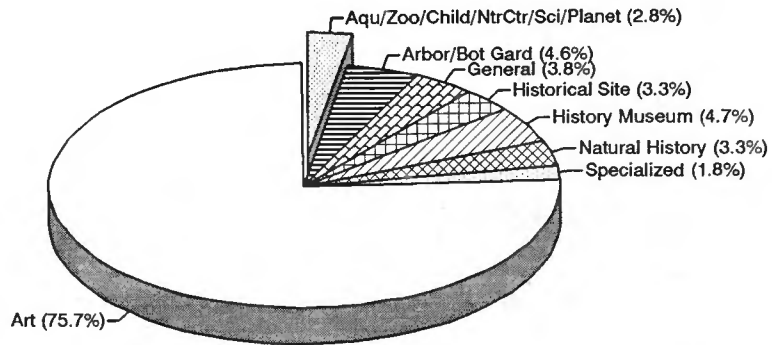


Figure F:71-2

Average & Median Total Operating Income by Museum Type (FY1988)

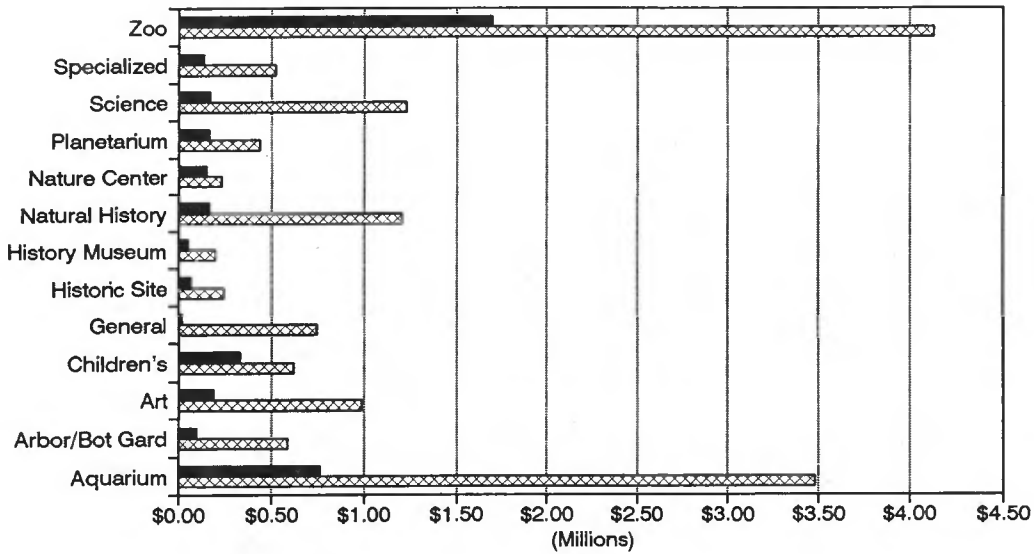


Figure F:73-1

Legend: Average (Cross-hatched), Median (Solid Black)

Total Operating Income FY1988 by Museum Type

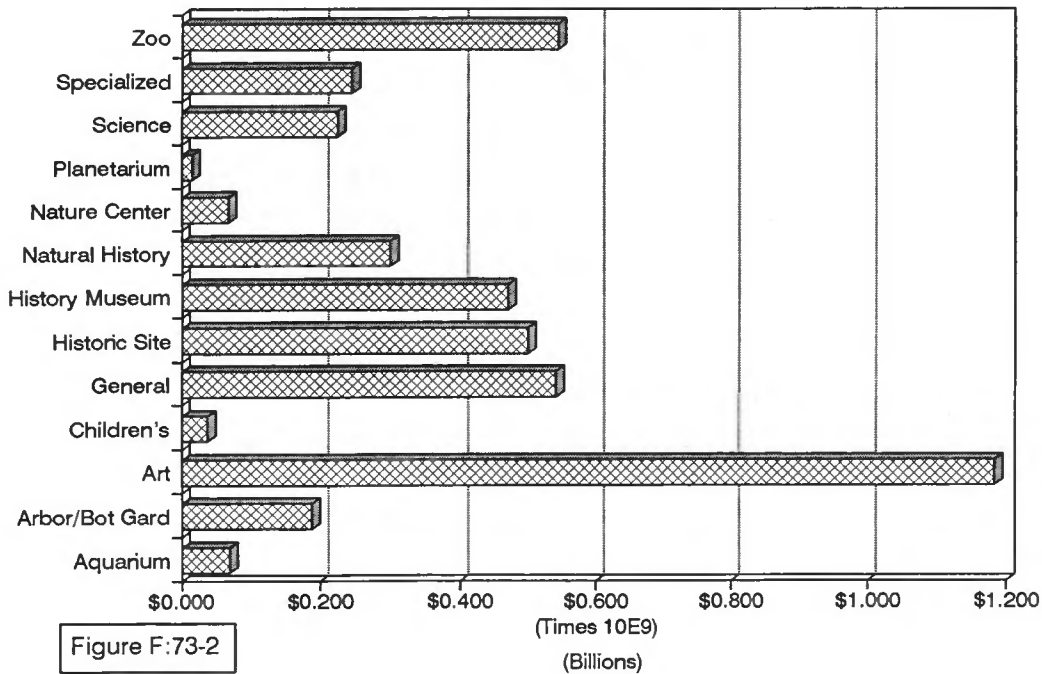


Figure F:73-2

Distribution of Operating Income for All Museums: 1979 and 1988

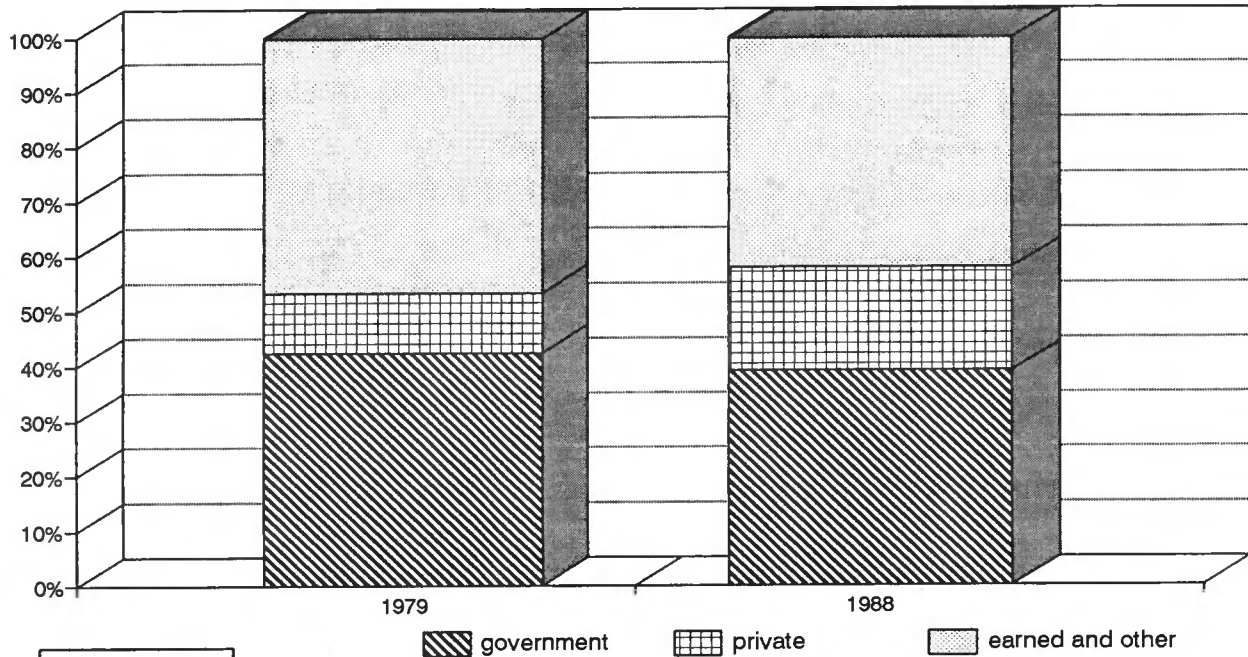


Figure F:73-3

Distribution of Total Operating Income by Source for All Museums for FY1988

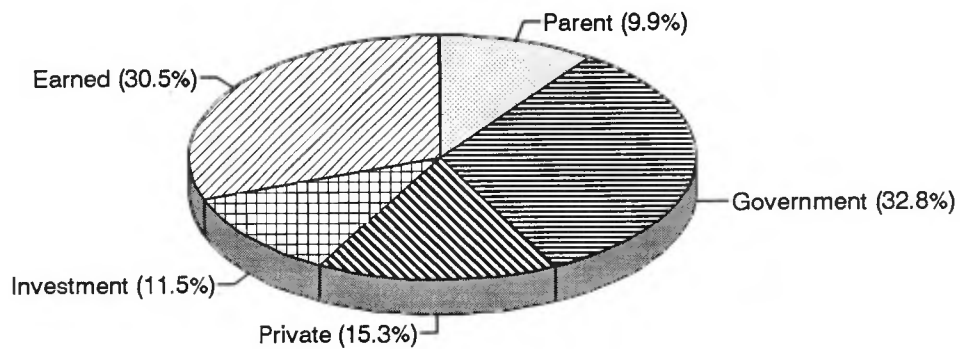


Figure F:73-4

FY1988 Operating Income and Expenses for All Museums

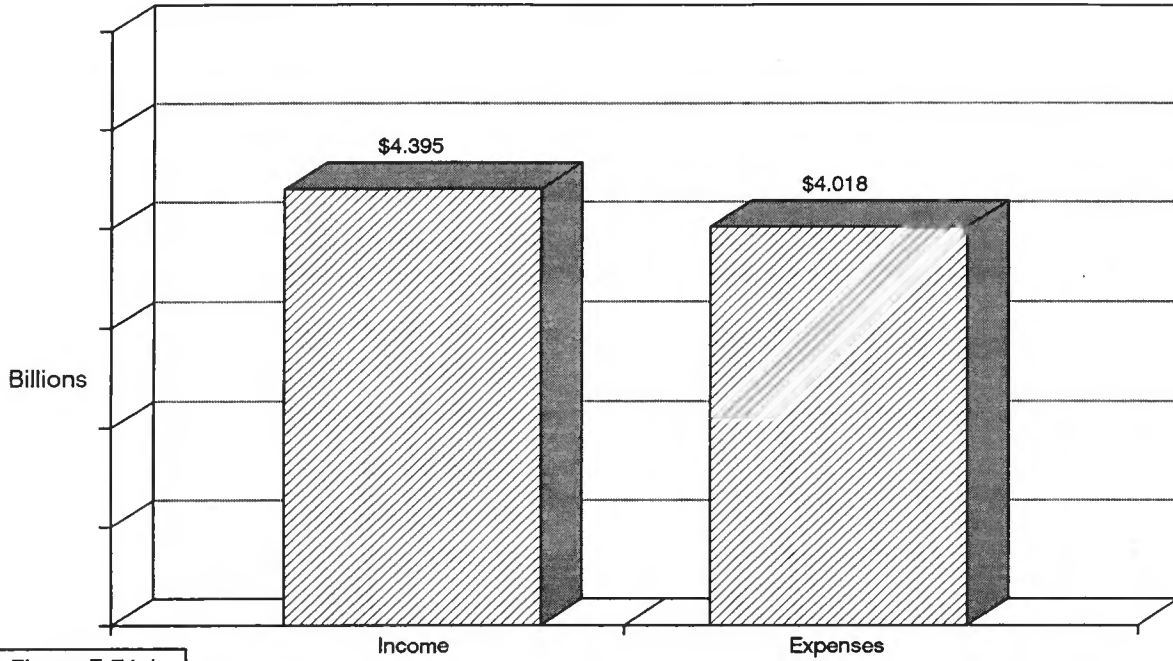


Figure F:74-1

FY1988 Median Personnel and Total Expenses by Type of Museum

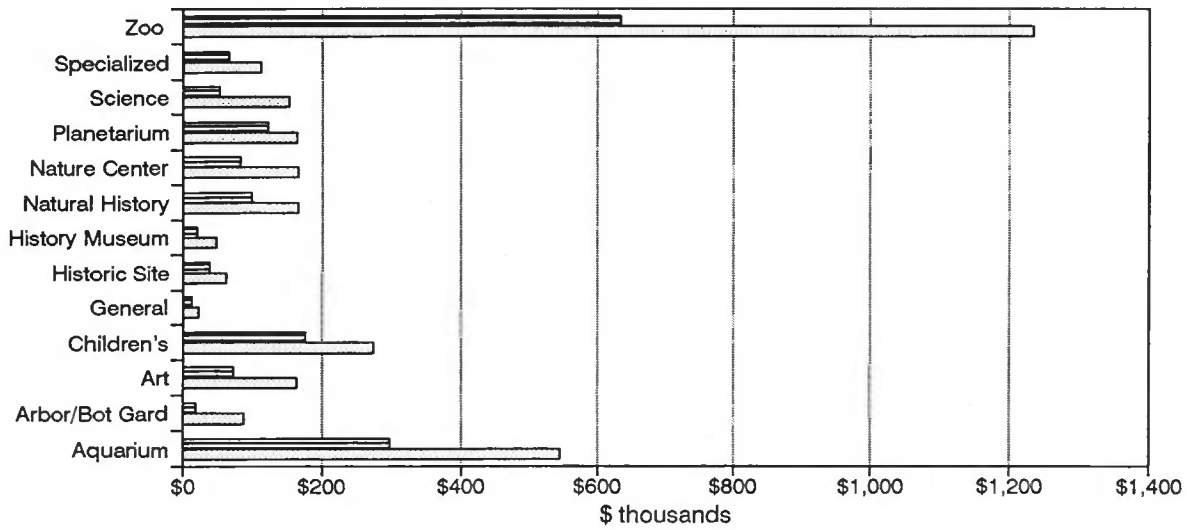


Figure F:74-2

□ Median Total Exps ▨ Median Personnel

Number of Museums by FY1988 Operating Expenses

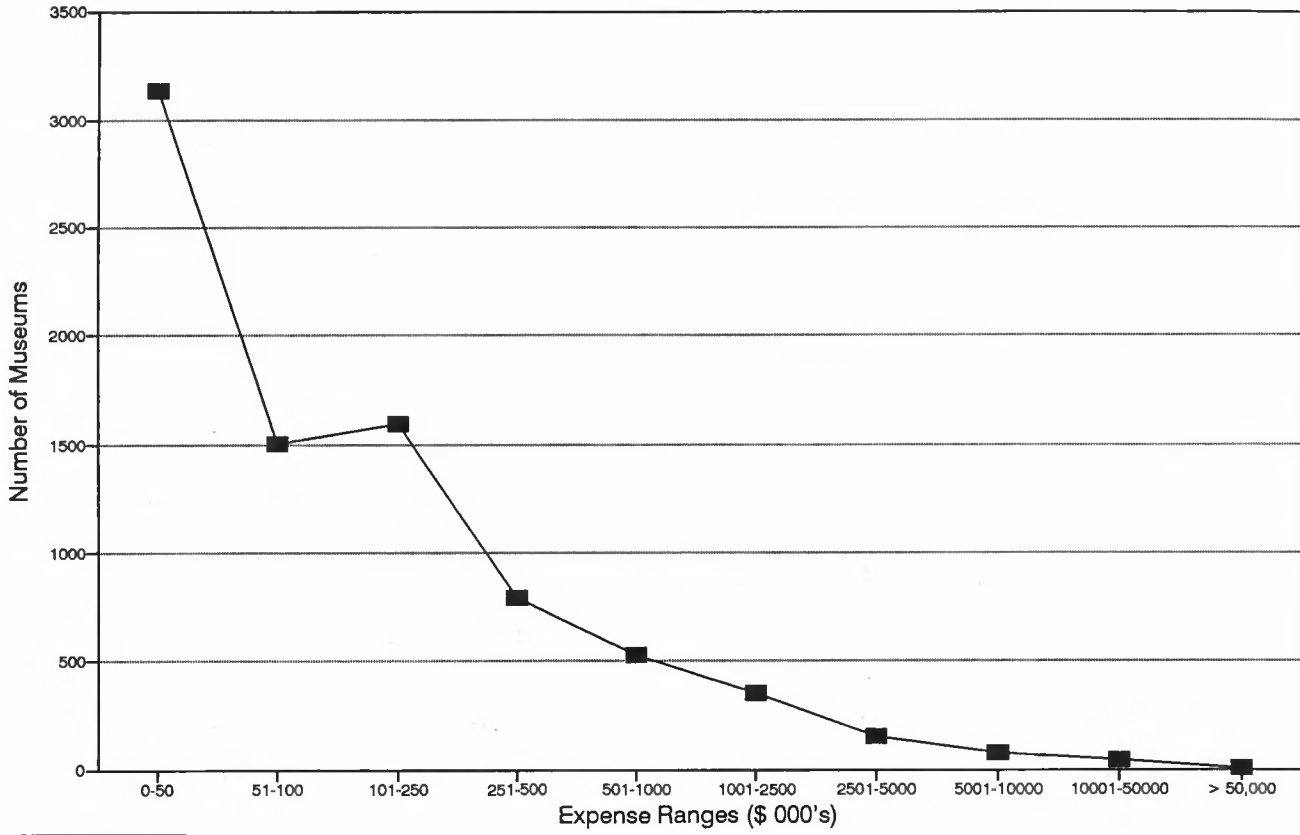


Figure F:74-3

Percent of Museums Receiving Services at Reduced/No Cost by Type of Service

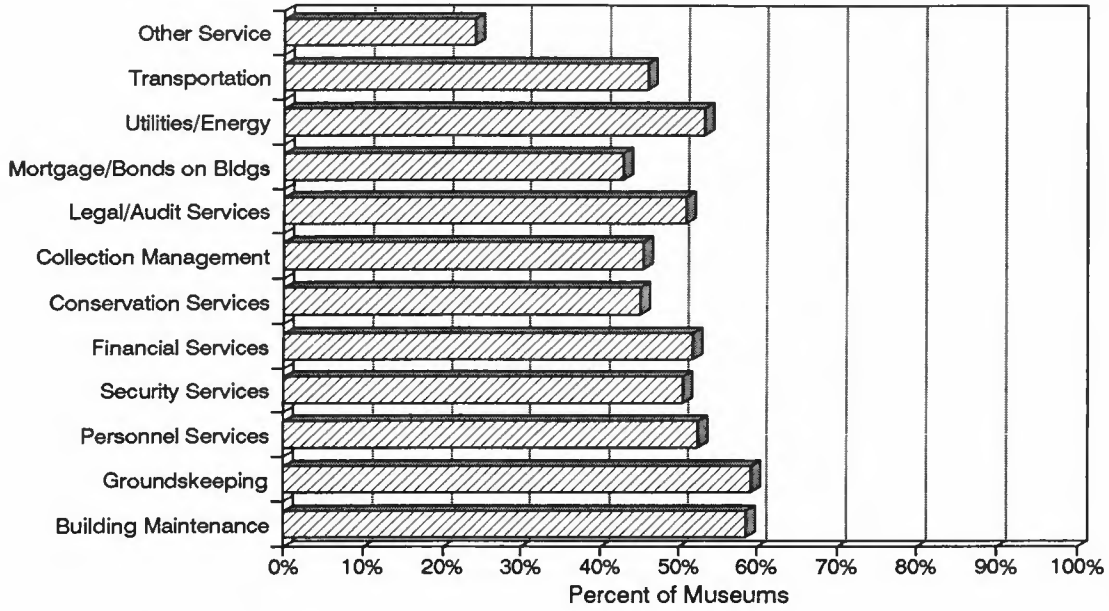


Figure F:78-1

Average Value of Services Received at Reduced/No Cost by Type of Service

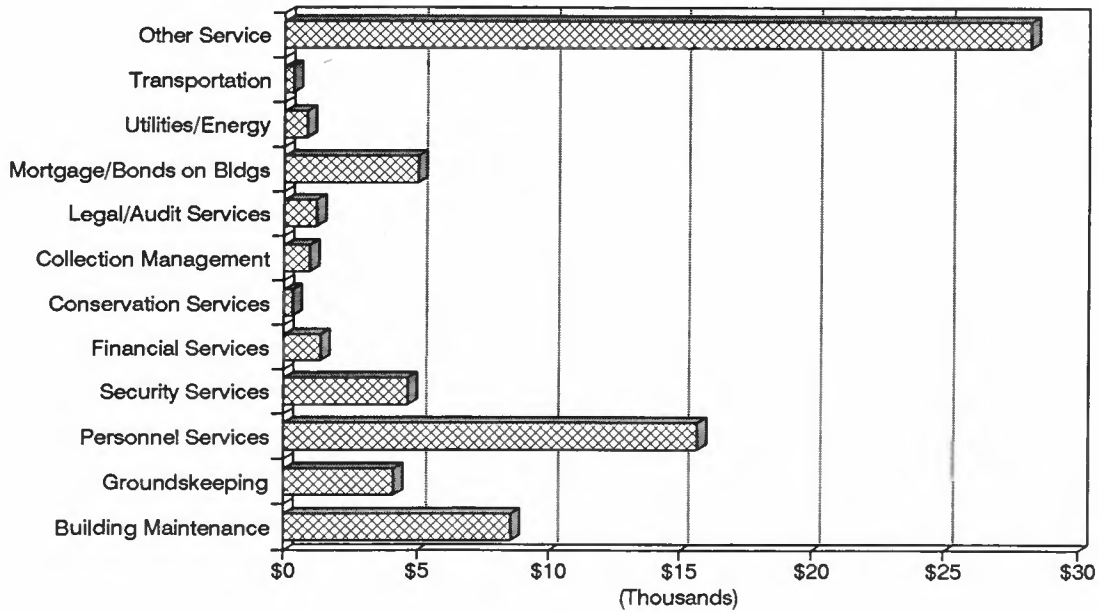


Figure F:78-2

APPENDICES

A: PHOTOCOPY OF THE SURVEY INSTRUMENT AND LETTER

B: LIST OF MUSEUMS COMPLETING QUESTIONNAIRE

C: COPIES OF FOLLOW-UP LETTERS AND PHONE MATERIALS

APPENDIX A

PHOTOCOPY OF THE SURVEY INSTRUMENT AND LETTER

**AMERICAN ASSOCIATION OF MUSEUMS
1989 SURVEY OF MUSEUMS**



**MUSEUM IDENTIFICATION AND INSTRUCTIONS FOR THE
DIRECTOR AND MUSEUM QUESTIONNAIRE COORDINATOR**

Please correct the information on this label as necessary in the space provided below.

Name of Museum

Museum Phone Number (do not give number that is only recorded information)

(If the museum has more than one, use "Doing Business As" (DBA) name)

()
area code

Mailing Address

Street Address (If different from mailing address. If your museum has multiple sites, give the address of the main site.)

ZIP Code

ZIP Code

TO THE DIRECTOR:

This is a national survey of museums in the United States. A full description of the survey is on the front of each section. Please answer the following questions to determine whether your institution meets the definition of a museum determined by the AAM Data Collection Program's National Steering Committee.

If any of the preceding answers is "NO", do not proceed and please return to Prospect Associates, address page 2. If all answers are "YES", please continue.

YOUR MUSEUM:

YES NO

is organized as a public or private nonprofit institution, existing on a permanent basis for essentially educational or aesthetic purposes;

For individual, partnership, commercial, or proprietary operations, please do not continue and return the questionnaire in the envelope provided.

cares for and owns or uses tangible objects, whether animate or inanimate, and exhibits these on a regular basis;

Parks, gardens, arboreta, zoos, and aquaria are considered to be museums of living collections.

has at least one professional staff member or the full-time equivalent, whether paid or unpaid, whose primary responsibility is the acquisition, care, or exhibition of objects owned or used by the museum;

is open to the general public on a regular basis (the general public can or may arrange to visit on at least 120 days per year).

If no, how many days per year is the museum open or available to visit? _____ days

1. Is the institution to whom this questionnaire was mailed a parent organization which itself is not a museum?

YES NO

If yes, do not proceed and please return in the envelope provided. Your subsidiary museums will be part of the universe of museums from which the sampled participants were drawn.

If the museum is part of another organization that is not a museum (such as a historical society, a national park, or a university), please answer the questionnaire for the museum function only; EXCLUDE data for the parent organization.

2. Give the number of sites, in addition to the main site, that are open to the public and which are included in the data in the questionnaire. If the institution to whom the questionnaire was mailed is both a museum and the parent of other museum sites, include information on the sites in your data.

_____ number

If data can not be separated or estimated easily, please call (collect) Cynthia Lampkin at 301-468-6555 for instructions.

You may wish to designate an individual on your staff to coordinate completion and return of all the sections of the questionnaire. **The instructions and checklist below should help in that process.** If you are the coordinator and/or are responsible for completing individual sections, please indicate that on this page or by filling in the appropriate boxes on the front page of each section. Please sign the questionnaire before returning.

Please include up to 5 labeled, 8" x 10", black and white glossy photographs of your museum that would be suitable for reproduction in the final published report. These photographs will not be returned.

Your completed questionnaire will automatically enter your museum in a drawing for one free trip to the 1990 AAM annual conference in Chicago. See the red insert in the mailing for details.

Museum Director's Name

Director's Signature

**Thank you for filling out the survey. Please return it within three weeks in the postage paid envelope to:
PROSPECT ASSOCIATES at 1801 Rockville Pike, Rockville MD 20852.**

TO THE MUSEUM COORDINATOR:

Name _____ Date _____

Title/Position _____

Phone () _____

Two copies of the questionnaire have been included in the packet mailed to you: one copy as a worksheet and one to return. The questionnaire is divided into 6 sections to allow different people within a museum to fill out each part. As the "museum questionnaire coordinator" you should make sure your name is on the front of each section along with the fiscal year end date and the name of the person

responsible for completing that section. You should reassemble the completed sections and return in the enclosed envelope. Be sure to retain a copy of the completed questionnaire before mailing it back, so that any questions can be resolved quickly and so that the museum will have a copy for future reference.

If you or other staff members have any questions or problems or find you are spending undue amounts of time completing a question while filling this out, please call (collect) Cynthia Lampkin at Prospect Associates at 301-468-6555. She or her staff should be able to answer your question or help you solve the problem.

CHECKLIST:

Use this checklist to insure that all sections of the questionnaire and other items are included in the envelope.

- SECTION A
- SECTION B
- SECTION C
- SECTION D

- SECTION E
- SECTION F
- Up to 5 photographs
- Financial Statement for Fiscal Year 1988 (audited if possible)

Museum Questionnaire Coordinator:

Name _____

*Date of end of last Fiscal Year _____

Person responsible for completion of Section B:

Name _____

Title _____

Phone () _____

** The last date of the fiscal year for the institution; if the museum runs on a calendar year, the fiscal year end date will be Dec. 31, 1988.*

ABOUT THIS SURVEY

This survey is the first national data collection on U.S. museums since the survey by the Institute of Museum Services in 1979. This survey is part of the American Association of Museums' Data Collection Program, an ongoing effort to collect, analyze, and disseminate comprehensive information about museums in this country. The results of the survey will be the **1989 Report on Museums**, a profile of the museum field that will describe the current state of U.S. museums and document changes since the last survey 10 years ago. The AAM Data Collection Program is guided by a National Steering Committee of leaders in the museum profession and policy makers from the Federal government who are supporting the program. Funding for this project has been made possible through support from the Institute of Museum Services, the National Endowment for the Arts, the National Endowment for the Humanities, the Rockefeller Foundation, the Dillon Fund, Phillip Morris, and others.

This questionnaire was developed by the AAM Data Collection National Steering Committee and staff over an 8 month period and was field tested prior to mailing. The questionnaire is designed to meet the needs of multiple users: the AAM in its role of providing information on the museum field to a broad range of publics; the Federal agencies that assist museums; the general public who seeks information on museums from AAM on a daily basis; researchers who are interested in the cultural community; and most importantly museums themselves. Prospect Associates, Ltd., a Washington, D.C. survey research firm, has been contracted to conduct the survey operations for the AAM.

Your museum was chosen as part of a statistical sample from a master list of museums developed from numerous listings of museums. Each completed questionnaire received will help determine national information on the museum community. Each museum that returns a completed questionnaire will receive a copy of the **1989 Report on Museums**, which will be available in late 1989. In early 1990 participating museums can also request a copy of the data (on a public use tape or disk) for the cost of producing the tape/disk.

Please return this section, when completed, to your Museum Questionnaire Coordinator for reassembly and mailing within two weeks to Prospect Associates.

CRITICAL INFORMATION ON HOW TO COMPLETE THE QUESTIONNAIRE

This questionnaire is divided into 6 sections; the six sections are:

- A: Identification and Instructions
- B: Organizational Structure and Legal Information
- C: Administration (Facilities, Security, Physical Access and Personnel)
- D: Collections and Research (Collections, Care and Maintenance, Conservation and Research)
- E: Public Activities and Audience (Attendance and Admissions, Exhibitions, Public Programs, Publications, and Products)
- F: Finances, Development, and Membership

The questionnaire should be filled out based on the museum's last completed fiscal year prior to January 1, 1989. This should be either the fiscal year (FY) 1988 or the calendar year 1988, if the museum operates on a calendar year basis.

The questionnaire can be filled out in black pen or pencil. Please write numbers legibly.

There are nine questions that the National Steering Committee considers to be of a confidential nature. They are marked with **Confidential** before the question. These data items will not appear on the "public use" data tape or disk, and information about these items will only be released in summarized figures so that an individual museum can in no way be identified. The National Steering Committee limited the number of confidential items to a minimum to make the data base as useful as possible to individual museums. There are no confidential items in this section.

There are four questions which also appeared on the 1979 survey. These questions are included to provide comparisons between this survey and the 1979 survey.

If the museum is a subsidiary of another museum or has subsidiary museums, check with the Museum Questionnaire Coordinator, whose name should appear on cover page of this section, to be sure the information filled out in this section reflects the institution as described in other sections.

If a particular data item is not known exactly, please give an estimate and write "E" beside it. Since this is not an audit or a financial report, your best estimate is more useful than no information.

Be sure to put "0" for zero or none; **please don't leave a blank space**. It is important for the analysis to know whether a data item is zero or is missing. Zero is an important piece of knowledge. If an item does not apply to your museum, put an "n/a" in the space.

If you have questions while completing this section, please check with the Museum Questionnaire Coordinator (whose name should appear on this page) and then if your question remains, please call (collect) Cynthia Lampkin at Prospect Associates at 301-468-6555. She or her staff should be able to answer your question. If she can't, then she will direct your question to the AAM Data Collection staff who will call you back. We value your questions.

Please feel free to annotate your answers by writing in the margins. It probably will help us understand the museum's data.

Question 3: Parent organization: The overseeing organization (such as an historical society or university) which is responsible for the fiduciary control of the museum. If the answer is "yes", please give data in this questionnaire for the museum function only.

Governing authority: the entity that has legal and fiduciary responsibility for the museum (this body may not necessarily own the collection or the physical facility) and may include not-for-profit boards, appointed commissions, governmental bodies, and university regents.

Question 4: Employer ID number: The IRS assigned number identifying the museum, used on federal tax and reporting matters. If the museum is part of another organization, the number will be that of the parent organization.

Question 5: For special tax district, check "government: county".

Question 6: This is usually an incorporation date, the date of charter, or other legal date for beginning. Do not use the date when a parent organization was established; use the date the museum was organized.

Question 7: This is the year that the museum opened for visitors on a regular schedule.

Question 8: This would be an entity other than the one referred to in questions 1 and 2. For example, a museum may be a private not-for-profit organization whose facilities are owned by the municipality.

Question 9: Include permanent loans to the permanent collection if applicable.

3. Is the museum operated by a parent organization that is the legal governing authority?

YES NO

If yes, please specify the name of the parent organization:

Is the parent organization also a museum?

YES NO

If the museum is part of another organization that is not a museum (such as a historical society, a national park, or a university), please answer the questionnaire for the museum function only; EXCLUDE data for the parent organization. If data can not be separated or estimated easily, please call (collect) Cynthia Lampkin at 301-468-6555 for instructions.

4. Give the Employer ID Number:

-

5. Check the most appropriate type of governing authority of the museum. This question was asked in 1979.

Government Agency:

- | | |
|--|--|
| 1 <input type="checkbox"/> Municipal | 7 <input type="checkbox"/> Private Nonprofit Organization or Association |
| 2 <input type="checkbox"/> County/Regional | 8 <input type="checkbox"/> Private College/University |
| 3 <input type="checkbox"/> State | 9 <input type="checkbox"/> Private Elementary/Secondary School |
| 4 <input type="checkbox"/> Federal | 10 <input type="checkbox"/> Church/Denominational Group |
| 5 <input type="checkbox"/> Public School District | 11 <input type="checkbox"/> Other (Specify _____) |
| 6 <input type="checkbox"/> Public College/University | |

6. What year was the museum legally established?

year

7. What year was the museum first regularly opened to the public?

year

8. Are the institution's facilities (buildings and/or grounds) owned or operated by an entity other than the governing authority?

YES NO

If yes, check the appropriate type of entity:

(For parent museums with multiple sites or subsidiaries, check all that apply and give the number in each category)

	Owned	Number	Operated	Number
Another not-for-profit organization	<input type="checkbox"/>	_____	<input type="checkbox"/>	_____
A government agency	<input type="checkbox"/>	_____	<input type="checkbox"/>	_____
A for-profit organization	<input type="checkbox"/>	_____	<input type="checkbox"/>	_____
An individual	<input type="checkbox"/>	_____	<input type="checkbox"/>	_____
Other (specify _____)	<input type="checkbox"/>	_____	<input type="checkbox"/>	_____

9. Are the museum's permanent collections owned by an entity other than the governing authority?

YES SOME or ALL NO

If yes, check the type(s) of entity:

- | | |
|--|--|
| <input type="checkbox"/> Another not-for-profit organization | <input type="checkbox"/> An individual |
| <input type="checkbox"/> A government agency | <input type="checkbox"/> Other (Specify _____) |
| <input type="checkbox"/> A for-profit organization | |

Question 10: Many museums have related friends, auxiliary organizations, or foundations that are separate legal entities whose sole purpose is to provide a service for the museum.

Question 11: This is the body of individuals that has direct fiscal and legal responsibility for the museum or museum policy. Exclude boards of parent organizations (such as a university board of regents) and boards that are purely advisory in nature.

Question 12: If documents were not approved or re-approved recently (i.e., within the last 5 years), check "no".

Policies are general statements establishing guidelines about operations.

Long-range plans cover 3-5 years or longer. Plans about program activities include goals, objectives, and plans about the various functions, departments, or activities undertaken by the museum. Facilities master plans cover the museum's space needs, renovations, and/or long-term maintenance on the physical plant. Financial plans are financial statements projected for the next 3-5 years.

Within the area of collections, does the museum have established, written guidelines concerning:

Acquisitions: The types of objects the museum collects and the circumstances for placing objects in the collection;

Deaccessions: The conditions and circumstances that the museum follows to sell, donate, or dispose of an object from its collection;

Loans: The conditions and circumstances that define when the museum receives and loans objects;

Conservation: Priorities about conserving objects in the collection.

Care and preservation: Priorities about on-going care and maintenance of the collection.

Question 13: If two or more disciplines are equally applicable, check "General Museum". For "specialized" or museums with a single distinct subject, check "specialized" and specify the specialty. If no category is appropriate, check "specialized" and give the type of museum.

10. Does the museum have a friends, foundation, guild, or other auxiliary organization(s) that is separately incorporated and whose sole purpose is to provide services or raise funds for the museum?

YES NO

If yes, please specify what is provided by this organization(s) to the museum.

11. Does the institution have a not-for-profit board of trustees with fiduciary responsibility for the institution?

YES NO

If yes, give the current number of members of the Board. _____

Is there a limitation on the length of continuous service on the Board?

YES NO

12. At the end of FY1988 did the institution have written and formally approved statements, plans, or policies concerning the following items? (Check the appropriate box for each item. If two or more items are covered in one document, mark each item as appropriate.)

Recently approved or reapproved:	YES	NO	N/A
Mission, charter or statement of purpose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Long-range plan about program activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Long-range facilities master plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Long-range financial plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Collections Policies: Acquisitions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deaccessions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Loans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conservation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Care and preservation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Type of Institution: this question is asked twice. The first time is to provide a current classification of museums; the second time to provide a comparison with the results of the 1979 Museum Program survey.

13. The following list is adapted from the Institute of Museum Services' General Operating Support Application. Check the ONE type of DISCIPLINE that best describes the museum. (Section 3, on collections, will provide information on the type of collections held by the museum that will provide a fuller description of the secondary disciplines of the museum.)

- | | |
|--|--|
| 1 <input type="checkbox"/> Aquarium | 8 <input type="checkbox"/> Natural history or anthropology museum/site |
| 2 <input type="checkbox"/> Arboretum/botanical gardens | 9 <input type="checkbox"/> Nature center |
| 3 <input type="checkbox"/> Art museum/center | 10 <input type="checkbox"/> Planetarium |
| 4 <input type="checkbox"/> Children's/youth museum | 11 <input type="checkbox"/> Science/technology center/museum |
| 5 <input type="checkbox"/> General museum | 12 <input type="checkbox"/> Zoo |
| 6 <input type="checkbox"/> Historic house/site | 13 <input type="checkbox"/> Specialized (Specify type _____) |
| 7 <input type="checkbox"/> History museum | |

Question 14: Code list of institutions: To see how the museum community has evolved since 1979, please look through the following list to find the appropriate letter:

A. ART (includes the following: art museums, associations, councils, commissions, foundations, societies, and institutes; art galleries; arts and crafts museums; china, glass, and silver museums; civil art and cultural centers; decorative arts museums; folk art museums and textile museums)

B. CHILDREN AND JUNIOR MUSEUMS
(includes youth museums)

C. GENERAL MUSEUMS

D. HISTORY (includes history museums; historic agencies, councils, commissions, foundations, and research institutes; historic houses and buildings, sites, ships; historical and preservation societies; maritime museums; military museums and sites; preservation projects)

E. PARK MUSEUMS AND VISITOR CENTERS

F. SCIENCE (includes science museums; science-technology centers; physical science and natural science museums; science academies, associations, institutes, and foundations; aeronautics and space museums; agriculture museums; anthropology, ethnology, and Indian museums; aquariums, marine museums, and oceanarium; arboretums; archeology museums and archeological sites; aviaries and ornithological museums; botanical gardens, conservatories, and horticultural societies; entomology museums and insect collections; geology, mineralogy, and paleontology museums; herbariums; herpetology museums; industrial museums; medical, dental, health, pharmacology, apothecary, and psychiatry museums; natural history museums; nature centers; planetariums, observatories, and astronomy museums; wildlife refuges and bird sanctuaries; zoology museums, zoos, and children's zoos)

G. SPECIALIZED (includes the following types of museums: antiques, architecture, audiovisual and film, circus, communications, costume, crime, forestry, furniture, gun, hobby, horological, money and numismatics, musical instruments, outdoor, philatelic, religious, theatre, toy and doll, transportation, and wax)

Question 15: This focus is usually stated within the museum's founding documents or is part of its stated mission. Examples would be an African-American museum, a Jewish museum, a Hispanic museum.

14. For comparison to the 1979 survey, refer to the code list of institutions (provided to the left of this question) for the appropriate letter that most nearly describes the institution's PRIMARY activity.

_____ Put appropriate letter; if the appropriate type does not appear on the code list, check here and describe the type of museum.

15. Does the museum's written purpose focus on a specific cultural or ethnic group in terms:

of collections? YES NO

of audience? YES NO

If Yes, specify the cultural/ethnic group. _____

Thank you very much for completing this section.



CRITICAL INFORMATION ON HOW TO COMPLETE THE QUESTIONNAIRE

Museum Questionnaire Coordinator:

Name _____

*Date of end of last Fiscal Year _____

Person responsible for completion of Section C:

Name _____

Title _____

Phone () _____

** The last date of the fiscal year for the institution; if the museum runs on a calendar year, the fiscal year end date will be Dec. 31, 1988.*

ABOUT THIS SURVEY

This survey is the first national data collection on U.S. museums since the survey by the Institute of Museum Services in 1979. This survey is part of the American Association of Museums' Data Collection Program, an ongoing effort to collect, analyze, and disseminate comprehensive information about museums in this country. The results of the survey will be the **1989 Report on Museums**, a profile of the museum field that will describe the current state of U.S. museums and document changes since the last survey 10 years ago. The AAM Data Collection Program is guided by a National Steering Committee of leaders in the museum profession and policy makers from the Federal government who are supporting the program. Funding for this project has been made possible through support from the Institute of Museum Services, the National Endowment for the Arts, the National Endowment for the Humanities, the Rockefeller Foundation, the Dillon Fund, Phillip Morris, and others.

This questionnaire was developed by the AAM Data Collection National Steering Committee and staff over an 8 month period and was field tested prior to mailing. The questionnaire is designed to meet the needs of multiple users: the AAM in its role of providing information on the museum field to a broad range of publics; the Federal agencies that assist museums; the general public who seeks information on museums from AAM on a daily basis; researchers who are interested in the cultural community; and most importantly museums themselves. Prospect Associates, Ltd., a Washington, D.C. survey research firm, has been contracted to conduct the survey operations for the AAM.

Your museum was chosen as part of a statistical sample from a master list of museums developed from numerous listings of museums. Each completed questionnaire received will help determine national information on the museum community. Each museum that returns a completed questionnaire will receive a copy of the **1989 Report on Museums**, which will be available in late 1989. In early 1990 participating museums can also request a copy of the data (on a public use tape or disk) for the cost of producing the tape/disk.

Please return this section, when completed, to your *Museum Questionnaire Coordinator* for reassembly and mailing within two weeks to Prospect Associates.

This questionnaire is divided into 6 sections; the six sections are:

- A: Identification and Instructions**
- B: Organizational Structure and Legal Information**
- C: Administration** (Facilities, Security, Physical Access and Personnel)
- D: Collections and Research** (Collections, Care and Maintenance, Conservation and Research)
- E: Public Activities and Audience** (Attendance and Admissions, Exhibitions, Public Programs, Publications, and Products)
- F: Finances, Development, and Membership**

The questionnaire should be filled out based on the museum's last completed fiscal year prior to January 1, 1989. This should be either the fiscal year (FY) 1988 or the calendar year 1988, if the museum operates on a calendar year basis.

The questionnaire can be filled out in black pen or pencil. Please write numbers legibly.

There are nine questions that the National Steering Committee considers to be of a confidential nature. They are marked with **Confidential** before the question. These data items will not appear on the "public use" data tape or disk, and information about these items will only be released in summarized figures so that an individual museum can in no way be identified. The National Steering Committee limited the number of confidential items to a minimum to make the data base as useful as possible to individual museums. There are four confidential items in this section.

There are four questions which also appeared on the 1979 survey. These questions are included to provide comparisons between this survey and the 1979 survey.

If the museum is a subsidiary of another museum or has subsidiary museums, check with the Museum Questionnaire Coordinator, whose name should appear on cover page of this section, to be sure the information filled out in this section reflects the institution as described in other sections.

If a particular data item is not known exactly, please give an estimate and write "E" beside it. Since this is not an audit or a financial report, your best estimate is more useful than no information.

Be sure to put "0" for zero or none; **please don't leave a blank space**. It is important for the analysis to know whether a data item is zero or is missing. Zero is an important piece of knowledge. If an item does not apply to your museum, put an "n/a" in the space.

If you have questions while completing this section, please check with the Museum Questionnaire Coordinator (whose name should appear on this page) and then if your question remains, please call (collect) Cynthia Lampkin at Prospect Associates at 301-468-6555. She or her staff should be able to answer your question. If she can't, then she will direct your question to the AAM Data Collection staff who will call you back. We value your questions.

Please feel free to annotate your answers by writing in the margins. It probably will help us understand the museum's data.

Question 16: For exterior area use either square feet OR acres for any one line, whichever is easier. If the museum OWNS both buildings and grounds, be sure to complete both interior and exterior columns. Include grounds and buildings used for recreation and visitor services.

Total gross space: If the museum does not control the outside surrounding grounds, put a "0" on the first line in the second column. If the museum has no interior space, put a "0" on the first line in the first column. If exterior space is less than one acre, write "less than one acre" or give fractional amount, whichever is easier. Estimates are acceptable.

Exhibition space: All space available for exhibition to the public, including corridors where objects are displayed.

Collections storage space: All space used for storage of the collection that is used for this activity anytime during the year.

Question 17: Major renovation: Include major renovations to the museum structure, not the yearly change of galleries and exhibits regularly undertaken by some types of museums. "Major" is to be determined by the museum in relation to its size and budget. If more than one major project, add figures together.

Exclude any project begun prior to January 1, 1979. If the answer is "yes" to either question 17 or 17a, estimate the net square footage or acreage added and/or renovated or developed. If the building/renovation/development is currently under way (and was begun in FY88 or before), use projected figures of area for the total project(s).

Question 19: Continuously monitored: By the museum security force, an alarm system company, or local enforcement agencies. Tested regularly: on a schedule appropriate for the detection system.

Question 20: Has the museum installed elevators, ramps, etc. for the mobility impaired? This was a question asked in 1979 and relates to mobility-impaired persons. Such a person is defined as one who must use a standard manual or electric wheelchair or other assistive device to move from place to place, or any person who otherwise finds stairs and other similar physical features impediments to movement.

16. Please estimate the total area of the buildings and/or grounds and the area used for collections storage space and exhibition space at the end of the last fiscal year (FY1988). For exterior space, use either square feet or acres, but not both for the same category. Outdoor museums should fill in total gross space and use EITHER the "Exhibition" and "Collections Storage" categories OR the "Developed/Undeveloped" categories.

	Interior	Exterior
Total gross space	_____ sq feet	_____ sq feet or _____ acres
Exhibition	_____ sq feet	_____ sq feet or _____ acres
Collections storage	_____ sq feet	_____ sq feet or _____ acres
For outdoor museums: Developed _____ acres		
Undeveloped _____ acres		

17. Within the last ten years (since January 1, 1979), did the museum expand or undertake a major renovation of its building(s) or grounds?

YES NO

17a. Did the museum move to a different building/facility?

YES NO If "no" to both 17 and 17a go to question 18.

17b. If yes to either 17 or 17a, please estimate the following:

If the net was a decrease put the figure in parentheses.

	Interior	Exterior
net sq feet added	_____	net acres added _____
net sq feet renovated	_____	net acres developed _____

Confidential

18. For outdoor museums and other museums with large acreage, was the museum patrolled by a security force during the last fiscal year?

YES NO

Confidential

19. For indoor museums, during the last fiscal year did the museum have an operating detection system for:

fire? YES NO

If yes, was it continuously monitored? YES NO

and regularly tested? YES NO

intrusion? YES NO

If yes, was it continuously monitored? YES NO

and regularly tested? YES NO

20. There are numerous aspects to making a facility accessible to people with disabilities. This question seeks information only on the extent to which the physical facility is accessible by those who are mobility impaired. This question was asked in 1979.

Check the percentage of the facility's public areas (including entrance and doors, stairways, interior circulation) that are accessible by those who are mobility impaired.

1 0-25% 2 26-50% 3 51-75% 4 76-99% 5 100%

21. Please indicate which of the following features for people with disabilities are provided in the museum facility.

	Provided	Not applicable
Parking spaces	<input type="checkbox"/>	<input type="checkbox"/>
Ramped or flush entrances	<input type="checkbox"/>	<input type="checkbox"/>
Restroom/water fountains	<input type="checkbox"/>	<input type="checkbox"/>
Wheelchair interior circulation	<input type="checkbox"/>	<input type="checkbox"/>
Comments _____		

Question 22: This question seeks a head count of all individuals who worked in the museum at the end of the last fiscal year. If the museum has a seasonal business and the last day of the fiscal year would give an abnormally low figure, choose a day during the museum's busy season to give the staff count.

Full time: 35 hours or more per week; **Part time:** less than 35 hours per week.

Temporary or seasonal staff: Short-term personnel, seasonal workers and interns, college, and work-study students.

Friends/auxiliary organization staff: Includes personnel paid by another organization whose purpose is to work solely on behalf of the museum.

Parent or other organization: Staff who are under the supervision of the museum but who are paid by another organization, such as a municipality or college, or by a government grant such as NSF grant administered by the museum.

Unpaid volunteer: Includes anyone who worked in a staff capacity for no pay.

Question 23: This question will provide data for understanding staffing levels and analyzing them against payrolls. Using the functions described below, give the number of staff for each function for the last fiscal year. Individual staff may be split among functions. Estimates are acceptable.

FUNCTIONS: These same categories are used in the financial section. Include assistants, secretarial, and clerical help in the appropriate functional area and not in general administration.

Collections and research: Within this function are curatorial, collections management, conservation, research staff. Include registrars, veterinarians, zookeepers, and others involved with husbandry.

Public activities: Within this function are those involved in education, exhibition design and preparation, and all other public programs. This function includes all activities directed toward the public. Include public information and public relations officers, marketing staff, editors, writers, and other publications staff, photographers, librarians, admissions, performing artists, TV, film, radio, electronic media artists.

Administration: Include administrative, building and grounds, security, development and membership personnel. Specific positions include director and assistants, business manager or controller and assistants, development and membership staffs, janitors, building superintendent, guards, watchmen.

Auxiliary services staff: Personnel who work in visitor services such as food service/cafeteria, sales shop and catalogue sales, parking lot attendants; do not include those personnel if the service is a franchise arrangement or is contracted out to another organization.

Other: For staff listed in this category, please specify the functional area they are in.

Question 24: Include regular full-time personnel (the first line under the Full-time staff column in question 22) and full-time seasonal/temporary personnel (the second line under the Full-time staff column in question 22).

22. Report each person who worked as staff as of the last day of the last fiscal year (FY1988) in the appropriate category. Count each individual ONLY ONCE.

	Full-time staff	Part-time staff
Paid by the museum:		
Regular staff	_____	_____
Temporary or seasonal staff	_____	_____
Paid by friends/auxiliary organization		
Paid by parent or other organization	_____	_____
TOTAL NUMBER PAID STAFF	_____	_____
Unpaid staff/volunteers		
TOTAL NUMBER OF STAFF	_____	_____

23. Provide or estimate the number of PAID staff for each functional area on the last day of the last fiscal year (FY1988). If the number of paid staff is three or less, please also fill out the volunteer column.

	Number of paid staff	Number of volunteers
Collections and research	_____	_____
Public activities	_____	_____
Administration	_____	_____
Auxiliary services staff	_____	_____
Other (Specify _____)	_____	_____
TOTAL STAFF	_____	_____

Confidential

24. Report the number of regular and seasonal FULL-TIME PAID staff for the last fiscal year in the following annual salary ranges.

	Number of regular full-time staff	Number of seasonal full-time staff
under \$5000	_____	_____
\$5000 to \$14,999	_____	_____
\$15,000 to \$29,999	_____	_____
\$30,000 to \$49,999	_____	_____
\$50,000 to \$99,999	_____	_____
\$100,000 and over	_____	_____

Question 25: Exempt: those management and professional employees who are exempt from minimum wage and overtime pay requirements according to the Fair Labor Standards Act. These employees are usually salaried. **Nonexempt** are the rest of the employees.

Confidential

25. Please categorize members of the full-time and part-time paid staff and board members into the following demographic groups. Board is the governing body that has direct legal and fiduciary responsibility. If question 11 in Section B was marked "no Board" leave the column blank below.

	Exempt staff	Nonexempt staff	Board members
Sex: Female	_____	_____	_____
Male	_____	_____	_____
Race: American Indian or Alaskan Native	_____	_____	_____
Asian or Pacific Islander	_____	_____	_____
Black, not of Hispanic origin	_____	_____	_____
Hispanic origin	_____	_____	_____
White, not of Hispanic origin	_____	_____	_____

Thank you very much for completing this section.

**CRITICAL INFORMATION ON HOW
TO COMPLETE THE QUESTIONNAIRE**

Museum Questionnaire Coordinator:

Name _____

*Date of end of last Fiscal Year _____

Person responsible for completion of Section D:

Name _____

Title _____

Phone () _____

** The last date of the fiscal year for the institution; if the museum runs on a calendar year, the fiscal year end date will be Dec. 31, 1988.*

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Your museum was chosen as part of a statistical sample from a master list of museums developed from numerous listings of museums. Each completed questionnaire received will help determine national information on the museum community. Each museum that returns a completed questionnaire will receive a copy of the **1989 Report on Museums**, which will be available in late 1989. In early 1990 participating museums can also request a copy of the data (on a public use tape or disk) for the cost of producing the tape/disk.

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- E: Public Activities and Audience (Attendance and Admissions, Exhibitions, Public Programs, Publications, and Products)
- F: Finances, Development, and Membership

The questionnaire should be filled out based on the museum's last completed fiscal year prior to January 1, 1989. This should be either the fiscal year (FY) 1988 or the calendar year 1988, if the museum operates on a calendar year basis.

The questionnaire can be filled out in black pen or pencil. Please write numbers legibly.

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If the museum is a subsidiary of another museum or has subsidiary museums, check with the Museum Questionnaire Coordinator, whose name should appear on cover page of this section, to be sure the information filled out in this section reflects the institution as described in other sections.

If a particular data item is not known exactly, please give an estimate and write "E" beside it. Since this is not an audit or a financial report, your best estimate is more useful than no information.

Be sure to put "0" for zero or none; **please don't leave a blank space**. It is important for the analysis to know whether a data item is zero or is missing. Zero is an important piece of knowledge. If an item does not apply to your museum, put an "n/a" in the space.

If you have questions while completing this section, please check with the Museum Questionnaire Coordinator (whose name should appear on this page) and then if your question remains, please call (collect) Cynthia Lampkin at Prospect Associates at 301-468-6555. She or her staff should be able to answer your question. If she can't, then she will direct your question to the AAM Data Collection staff who will call you back. We value your questions.

Please feel free to annotate your answers by writing in the margins. It probably will help us understand the museum's data.

Question 26: Permanent collection: Collections of intrinsic value to art, history, science, or culture that support the mission of the museum and are held and curated on a permanent basis. Include permanent/long-term loan items over which the museum has responsibility or trusteeship.

Question 27: Number of objects/specimens: The actual count of discrete items or specimens. The count should be determined using prevailing methods for each discipline: transportation museums may count complex objects such as locomotives as one object; archeological museums may count as one a group of items unearthed from one location or a single accessioned lot; a historical museum might record 12 yards of historical fabric as a single unit.

Number of lots/populations/taxa: The number of groupings of small objects or specimens that the museum counts as a group rather than individually, such as pot shards or insects. For plant collections, count the number of taxa.

Archival material: The estimated volume or quantity of documentary materials excluding printed and bound books. The prevailing distinctions drawn by each discipline should be utilized to determine what is and is not "archival." An art museum might consider historical photographs as works of art and count them as objects; a historical museum might consider its photographic collection as archives. **Choose either form of measurement depending on the records kept by the museum. Be sure not to count the same object(s) twice.**

Linear feet of books: The estimated quantity of printed, bound materials that are part of the permanent collection (not just the library that supports the collection) measured in terms of running feet of shelf space they would fill or number of volumes. **Choose either form of measurement, but be sure not to count a book twice.**

Number of structures/sites: The actual count of buildings or sites that a museum holds as part of its permanent collection. Prevailing methods of counting structures should be used: a historic farmstead made up of a house and several outbuildings might normally be counted as one historic site and a village complex maintained by an archeological museum might be counted as just one archeological site.

Acres: The estimated number of acres considered to be part of the permanent collection. For botanical gardens and battlefield museums, this figure might include the entire site. For a historic site, it might only include the area around historic buildings. For nature centers and preserves include the land that has been preserved permanently. Exclude lands used for recreation and visitor services such as parking lots.

26. Does the museum have a permanent collection?

YES NO

(If no, skip to question 34.)

Questions 27 to 33 relate to the permanent collection

27. Give or estimate the size of the museum's PERMANENT collection as of the end of the last fiscal year (FY1988) by category of object. Use the type of measurement that is easiest.

Do not include holdings in the library unless they are part of the permanent collection of the museum (such as rare books). Likewise, do not include acreage that is not considered part of the permanent collection.

	Objects/ specimens	Lots/taxa/ populations	Archival Material	
	number	number	cubic feet	linear feet
PERMANENT COLLECTION TOTALS:	_____	_____	_____	_____
	Books		Sites/ structures	Acres
	linear feet	number of volumes	number	number
PERMANENT COLLECTION TOTALS:	_____	_____	_____	_____

Question 29: Accessioned: Percent of the permanent collection for which there are immediate, brief, and permanent records utilizing a control number for an object or set of objects added to the collection and for which the museum has custody, right, or title.

Catalogued: Percent of the permanent collection for which there are full records in complete descriptive detail of all information about an object, assembly, or lot, cross-referenced to other records and files, and often containing a photograph or sketch.

Inventoried: Percent of the permanent collection for which there is an itemized list of objects, assemblies, and lots identifying their physical location at any point in time which has been reconciled with the objects' actual location.

Question 29a: Processed: Percent of the permanent collection that has been given a brief record or identifying place and (in the case of Natural History) has been distributed to drawers.

Catalogued: Percent of the permanent collection for which there are permanent records utilizing a control number and containing a minimum amount of identifying information.

Identified: Percent of the permanent collection that has been fully identified (for natural history, given genus and species and for living collections, having full health or the equivalent records).

Question 29b: Mapped: Percent of the outdoor acreage that is part of the permanent collection that has been surveyed and inventoried to give a full record of the holdings that are part of the acreage.

Question 30: Computerized or videodisc records.

Question 31: Give the value of the museum's permanent collection according to whatever methods are normally used by the museum.

29. Give the percentage of the PERMANENT COLLECTION for which records have been developed and are maintained by the museum for items that are accessioned, catalogued, and inventoried.

For natural history and living collections, use 29e if it matches the museum's records. For outdoor museums, use 29e. and/or 29b.

	Objects/ specimens	Lots/ populations	Archival materiel	Books	Sites/ structures
Percent accessioned	_____ %	_____ %	_____ %	_____ %	_____ %
Percent catalogued	_____ %	_____ %	_____ %	_____ %	_____ %
Percent inventoried	_____ %	_____ %	_____ %	_____ %	_____ %

If question 29 is filled in, skip questions 29a and 29b.

29a. For natural history and living collections:

	Objects/ specimens	Lots/taxa/ populations	Sites or structures
Percent processed	_____ %	_____ %	_____ %
Percent catalogued	_____ %	_____ %	_____ %
Percent identified	_____ %	_____ %	_____ %

29b. For outdoor collections:

Percent of acreage mapped: _____ %

30. Give the percentage of the records of the PERMANENT COLLECTION ONLY that are computerized. _____ %

(Include inventoried, accessioned, catalogued, processed, identified, and mapped records.)

On the scale below check where the museum is in the process of computerizing the records of the PERMANENT COLLECTION.

Have not begun	Begun, but not very far	In the middle	Mostly completed	Completed	Given up
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>

Comment _____

Confidential

31. Check the appropriate range indicating the estimated value of the PERMANENT COLLECTION at the end of the last fiscal year (FY1988). Use the valuation basis(es) the museum normally uses. If the museum does not have a value for the collection, please give the best estimate.

- | | |
|--|--|
| 1 <input type="checkbox"/> under \$100,000 | 4 <input type="checkbox"/> \$10,000,000 - \$99,999,999 |
| 2 <input type="checkbox"/> \$100,000 - \$999,999 | 5 <input type="checkbox"/> \$100,000,000 - \$999,999,999 |
| 3 <input type="checkbox"/> \$1,000,000 - \$9,999,999 | 6 <input type="checkbox"/> \$1 billion and over |

Check the basis (or bases) upon which the above estimate was made.

- | | |
|---|--|
| <input type="checkbox"/> Market value | <input type="checkbox"/> Guess |
| <input type="checkbox"/> Original or book value | <input type="checkbox"/> Other type of valuation |
| <input type="checkbox"/> Insurance value | (Specify _____) |
| <input type="checkbox"/> Replacement value | _____) |

32. Give the estimated percentage increase or decrease (the net change) in the number of objects/specimens in the PERMANENT COLLECTION from FY1986 to FY1987 and from FY1987 to FY1988.

(Put a decrease in parentheses.)

Percent change FY1986-FY1987	Percent change FY1987-FY1988
_____ %	_____ %

Check if no change.

Question 33: Loan transactions: Separate transaction with another institution. Each transaction with another institution may include multiple objects/specimens from the collection.

Question 34: Collection survey: May include some or all of the following where appropriate: an environmental survey of existing space and recommendations for new spaces; a survey of existing storage methods, materials, and equipment; recommendations on how to move and clean collections; survey determining the condition of various collections and priorities for treatment; and recommendations for pre-disaster planning.

Question 35: Maintenance: Care, up-keep, cleaning, preservation activities, and environmental monitoring to keep the collection in a stable state.

Question 36: Ongoing monitoring as is appropriate to the type of collection owned by the museum to identify the conditions in the various areas of the museum.

Light levels: Measures intensity of light.

UV levels: Ultraviolet light levels (measuring wavelengths).

Air quality: Pollution, dust.

Pests: Harmful insects and vermin.

Question 37: Include all objects/specimens no matter where located.

Question 38: Maintenance: The general up-keep and cleaning of collections and includes preparation and preservation activities. This can include storage and special cleaning areas; fumigation facilities; and health facilities for living collections.

Question 39: Regular training for any staff or volunteer involved in handling or cleaning items from the collection. "Training" is as defined by the museum. (The term "collections management" is sometimes used for living collections.)

33. Give the number of objects/specimens of the PERMANENT COLLECTION that the museum loaned to other institutions and the number of loan transactions during the last fiscal year (FY1988).

	Number of objects/specimens	Number of loan transactions
To museums:	_____	_____
To other institutions:	_____	_____
To all institutions outside the U.S.:	_____	_____

For the remaining questions in this section, "collection" is both permanent and other collections.

34. Has there been a collections survey of the museum's holdings?

YES NO (if no, go to question 35)

If yes, when was the (last) survey completed?

--	--	--	--

year

Check the percentage of the collection surveyed during the last three years:

1 0% 4 50%-74%
 2 1%-24% 5 75%-99%
 3 25%-49% 6 100%

35. Does the museum have standing procedures for periodic:

review of collection conditions? YES NO
 maintenance of collections? YES NO

If the museum has only living or outdoor collections, skip to question 38.

36. Check whether none, some, or all of the storage, exhibit, and collection work areas of the museum are regularly monitored for the following conditions:

	Storage areas			Exhibit areas			Collection work areas		
	None	Some	All	None	Some	All	None	Some	All
	1	2	3	1	2	3	1	2	3
Temperature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Humidity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Light levels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UV levels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pests	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

37. Check the percentage of the collection that receives appropriate control for . . .

	0%	1%-24%	25%-49%	50%-74%	75%-99%	100%
	1	2	3	4	5	6
Temperature and humidity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Light and UV levels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pests	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

38. Does the museum have facilities for providing regular maintenance for collections?

1 YES 2 NO 3 N/A

39. Does the museum have a staff training program for collections maintenance activities?

YES NO

Question 40: Planned activities for the stabilization or restoration treatment of objects/specimens (rather than general up-keep) or for the protection of endangered species or maintenance of species.

Question 42: Includes treatment, restoration, reconstruction, breeding, propagation

Question 44: Include serious amateur researchers, graduates and undergraduates, but not general inquirers in this category. (If impossible to separate, include general inquiries.) Exclude use of the museum's general library. For the second part of this question, try to give an estimate, if numbers are not known.

Question 45: If the same finding or article is in both in-house and out-of-house publications, include in both counts. Publications can include books, monographs, articles, written conference papers (if published in the proceedings or available to the public.)

Research finding: Scientific or scholarly research.

40. Does the institution have a program for the conservation and preservation of the objects in the collection or (for living collections) to maintain the species in the collection?

YES NO

41. Does the museum have an in-house staff training program for conservation activities?

YES NO

42. Does the museum have its own facilities for the conservation treatment of nonliving objects or for the breeding/propagation of species for living collections?

YES NO

43. Check all that apply. Conservation treatment (breeding/propagation) work is done by

- a staff conservator/reproductive physiologist on the museum's collections.
- a staff conservator/reproductive physiologist on collections not owned by the museum.
- trained curatorial staff of the museum.
- nonstaff professional conservators (etc.) on-site.
- outside professional conservators (etc.) off-site.
- done in other manner (Specify _____)
- Check if not done.

44. Were any of the museum's collections used by outside agencies and/or individuals for scientific or scholarly research during the last fiscal year (FY1988)?

YES NO

_____ If yes, please indicate the number of researchers using the number museum's collections during the last fiscal year.

Check if number is not known or no records are kept.

45. How many research findings or related scholarly or scientific articles generated by the staff were published during the last fiscal year?

_____ In publications done by the museum (in-house)
number

_____ In publications done by others (not in-house)
number

Check if no research findings were published.

Thank you very much for completing this section.

PUBLIC ACTIVITIES AND AUDIENCE (Attendance and Admissions, Exhibitions, Public Programs, Publications, and Products)



CRITICAL INFORMATION ON HOW TO COMPLETE THE QUESTIONNAIRE

Museum Questionnaire Coordinator:

Name _____

*Date of end of last Fiscal Year _____

Person responsible for completion of Section E:

Name _____

Title _____

Phone () _____

** The last date of the fiscal year for the institution; if the museum runs on a calendar year, the fiscal year end date will be Dec. 31, 1988.*

ABOUT THIS SURVEY

This survey is the first national data collection on U.S. museums since the survey by the Institute of Museum Services in 1979. This survey is part of the American Association of Museums' Data Collection Program, an ongoing effort to collect, analyze, and disseminate comprehensive information about museums in this country. The results of the survey will be the **1989 Report on Museums**, a profile of the museum field that will describe the current state of U.S. museums and document changes since the last survey 10 years ago. The AAM Data Collection Program is guided by a National Steering Committee of leaders in the museum profession and policy makers from the Federal government who are supporting the program. Funding for this project has been made possible through support from the Institute of Museum Services, the National Endowment for the Arts, the National Endowment for the Humanities, the Rockefeller Foundation, the Dillon Fund, Phillip Morris, and others.

This questionnaire was developed by the AAM Data Collection National Steering Committee and staff over an 8 month period and was field tested prior to mailing. The questionnaire is designed to meet the needs of multiple users: the AAM in its role of providing information on the museum field to a broad range of publics; the Federal agencies that assist museums; the general public who seeks information on museums from AAM on a daily basis; researchers who are interested in the cultural community; and most importantly museums themselves. Prospect Associates, Ltd., a Washington, D.C. survey research firm, has been contracted to conduct the survey operations for the AAM.

Your museum was chosen as part of a statistical sample from a master list of museums developed from numerous listings of museums. Each completed questionnaire received will help determine national information on the museum community. Each museum that returns a completed questionnaire will receive a copy of the **1989 Report on Museums**, which will be available in late 1989. In early 1990 participating museums can also request a copy of the data (on a public use tape or disk) for the cost of producing the tape/disk.

Please return this section, when completed, to your Museum Questionnaire Coordinator for reassembly and mailing within two weeks to Prospect Associates.

This questionnaire is divided into 6 sections; the six sections are:

- A: Identification and Instructions**
- B: Organizational Structure and Legal Information**
- C: Administration** (Facilities, Security, Physical Access and Personnel)
- D: Collections and Research** (Collections, Care and Maintenance, Conservation and Research)
- E: Public Activities and Audience** (Attendance and Admissions, Exhibitions, Public Programs, Publications, and Products)
- F: Finances, Development, and Membership**

The questionnaire should be filled out based on the museum's last completed fiscal year prior to January 1, 1989. This should be either the fiscal year (FY) 1988 or the calendar year 1988, if the museum operates on a calendar year basis.

The questionnaire can be filled out in black pen or pencil. Please write numbers legibly.

There are nine questions that the National Steering Committee considers to be of a confidential nature. They are marked with **Confidential** before the question. These data items will not appear on the "public use" data tape or disk, and information about these items will only be released in summarized figures so that an individual museum can in no way be identified. The National Steering Committee limited the number of confidential items to a minimum to make the database as useful as possible to individual museums. There are no confidential items in this section.

There are four questions which also appeared on the 1979 survey. These questions are included to provide comparisons between this survey and the 1979 survey.

If the museum is a subsidiary of another museum or has subsidiary museums, check with the Museum Questionnaire Coordinator, whose name should appear on cover page of this section, to be sure the information filled out in this section reflects the institution as described in other sections.

If a particular data item is not known exactly, please give an estimate and write "E" beside it. Since this is not an audit or a financial report, your best estimate is more useful than no information.

Be sure to put "0" for zero or none; **please don't leave a blank space**. It is important for the analysis to know whether a data item is zero or is missing. Zero is an important piece of knowledge. If an item does not apply to your museum, put an "n/a" in the space.

If you have questions while completing this section, please check with the Museum Questionnaire Coordinator (whose name should appear on this page) and then if your question remains, please call (collect) Cynthia Lampkin at Prospect Associates at 301-468-6555. She or her staff should be able to answer your question. If she can't, then she will direct your question to the AAM Data Collection staff who will call you back. We value your questions.

Please feel free to annotate your answers by writing in the margins. It probably will help us understand the museum's data.

Question 46: If the museum is open 52 weeks fill in part "a" only. If the museum is open for part of the year without special arrangement and part of the year with special arrangement, answer both parts "a" and "b". Do not include in part "b" any weeks when the museum was open on a regular basis and also had specially arranged openings. An estimate of the number of hours is acceptable, rather than figuring the exact average.

Without special arrangement: Generally advertised open, posted hours, etc.

Special arrangement: Includes arrangements where museum is open by appointment only, where there are no posted hours.

Questions 47 and 48: Give actual counts, if the museum has the figures. If the museum has only estimates, give those figures. If the museum does not keep track of group entrants, fill in total attendance only in question 47. Question 48 (one that was asked in 1979) seeks the methods used to determine attendance figures. For example, if a museum normally uses a cash register, but on one day during the year has a festival during which attendance is counted by estimate, mark only "cash register."

Question 49: General admission fee: The basic entrance fee or basic ticket price. This excludes additional fees for exhibitions or activities.

Suggested: When it is strongly urged to give a donation at the door.

Questions 50 and 51: Exclude any tax collected on admissions from the price. If a fee or donation is suggested, fill in that price where asked for "fee for nonmember adult."

Normal day: Usually during the peak season of the museum; if different from that, use what is "normal" for the museum.

Some museums have multiple fees or discounts for different types of visitors. Questions 50 and 51 seek only three possible admission fees (the nonmember adult, the nonmember child, and the member adult) that are comparable for most museums. For the purposes of analysis, these are the only three items needed.

Question 52: Include any day for which any portion of the day allows free or reduced admission, such as a free evening.

46. Of the 52 weeks in the last fiscal year, give the number of weeks and hours the museum was opened to the public:

(a) _____ weeks without special arrangement

_____ number of hours

And during a typical week, give the average number of hours the museum was open without special arrangement.

(b) _____ weeks by special arrangement only

_____ number of hours

Give the average number of hours per week the museum was opened for such specially arranged visits.

47. Indicate the total attendance at the museum for the last three fiscal years.

	Number of Visitors		
	FY1986	FY1987	FY1988
Individuals not in groups	_____	_____	_____
Individuals attending in prearranged groups	_____	_____	_____
TOTAL ATTENDANCE	_____	_____	_____

48. Check the primary methods used to regularly count attendance. This was asked in 1979.

	Individual entrants	Group entrants
By an estimate	<input type="checkbox"/>	<input type="checkbox"/>
By an accurate count	<input type="checkbox"/>	<input type="checkbox"/>

The accurate count is compiled by (check as many as apply):

<input type="checkbox"/> checker/headcount	<input type="checkbox"/> cash register or ticket sales count
<input type="checkbox"/> turnstile	<input type="checkbox"/> other method (Specify _____)

49. Did the museum have a general admission fee during the last fiscal year?

YES NO (If no, skip to question 53.)

If yes, is the amount of the general admission fee fixed 1 or suggested 2 ?

50. What is the admission fee on a normal day for:

Nonmember adult? \$ _____ (Give dollars and cents)

Nonmember child? \$ _____

51. Is there a discount for a member?

YES NO

If yes, what is the general admission fee on a normal day for an adult member?

\$ _____ (Give dollars and cents)

52. During the last fiscal year (FY1988), did the museum have regularly specified times when admission for everyone was:

free? YES NO

If yes, how many days per year? _____

number of days

reduced? YES NO

If yes, how many days per year? _____

number of days

Question 53: Visitor profile survey: Survey at the time a visitor enters or exits to determine demographic characteristics and nature of the visit and/or visitor behavior in the museum.

Audience profile study: Study or survey of museum's potential audience or visitors, not conducted at the museum to determine the potential market for museum services.

Question 54: Count exhibitions that were installed (or completed for traveling) in the relevant year. Put in "0" in appropriate categories, if the museum did not produce (or borrow/rent) such exhibitions.

Exhibition: A collection of several exhibit components tied together around an idea or theme; for a historic house or site, the restoration of an entire room or area would be equivalent; for a zoo or aquarium, the renovation of a collection area; for a botanical garden or arboretum, the redesign and replanting of a major area.

Long-term presentation: Generally thought of as permanent, remaining on view for longer than two years. Included in long-term presentation are exhibitions that change seasonally but use the same theme and are used for more than two years.

Temporary presentation: Less than two years.

Originate: Exhibition prepared partially or wholly under the supervision of the museum staff.

Install: Mounted in the museum for viewing.

Travel: Sent to another museum or other exhibition space.

Borrow or rent: Include exchange, exhibition originated, and prepared by another organization.

Question 55: Collaborate: Have a formal arrangement to work with other organizations on the planning, development, or execution of the exhibition.

Question 56: See question 54 for definition of "exhibition" (several exhibit units). Other sites and organizations include shopping malls, corporations, community organizations, schools, public spaces, and traveling exhibition organizations.

53. Within the last three years, have you conducted:

- a visitor profile survey? YES NO
 an audience profile study? YES NO

54. During the last three years, how many exhibitions did the museum:

	Number of Exhibitions		
	FY1986	FY1987	FY1988
produce for long-term presentation on-site?	_____	_____	_____
produce for temporary presentation andoriginate and install?	_____	_____	_____
. . . .originate, install, and then travel?	_____	_____	_____
. . . .originate only to travel?	_____	_____	_____
Total number of exhibitions produced	_____	_____	_____
borrow or rent from another source for temporary presentation?	_____	_____	_____

55. During the last fiscal year (FY1988), did the museum collaborate under a formal arrangement with other organizations on the preparation of exhibitions?

- YES NO

If yes, check with which of the following there was a formal collaboration:

- other museums?
 educational institutions?
 other institutions or individuals? (Specify _____)

Were any of these formal arrangements with organizations outside the U.S.?

- YES NO

56. Indicate the number of exhibitions loaned and/or mounted by the museum during the last fiscal year to:

	Number in U.S.	Number outside U.S.
Other museums	_____	_____
Other sites and organizations	_____	_____
Check if no exhibitions loaned	<input type="checkbox"/>	

Question 58: Estimate the number of people served by all the museum's programs (including all the programs listed in question 57 above) in addition to the number of visitors. If the museum does not run programs other than visitation to the museum or site, this number will be the same as the attendance figure given in question 47. Exclude TV/radio/cable broadcast figures.

Question 59: Count the children that came in groups from schools, not children visiting with groups such as girl scouts or with families. Put "0" if no school groups visited during the last fiscal year.

Question 60: Was there a program for teachers (at any educational level) giving them training or an orientation on how to use museum resources? Check yes, if such a program was held at least once last year. Include museum programs at resource fairs and "in-service" training.

Question 62: Give the number of different works, not the number that were printed. Please put "0" for any type of material the museum did not produce.

Slide/photo sets: Include those sets that are not designed as educational packages. Put sets that are education packages with curriculum packages, etc., on the next line.

Adapted: Includes large print, cassette recording or captioned versions.

58. What was the total number of individuals served by the museum's public programs (both on-site and off-site) during the last fiscal year? Include general visitation/admission.

_____ number served

59. What was the total number of schoolchildren, (grades pre-K to 12) who came in school groups, to the museum's programs and exhibitions during the last fiscal year (FY1988)?

_____ number

Check if number is unavailable

60. During the last fiscal year (FY1988), did the museum offer teacher training (either periodically or on a regular basis) on how to use museum resources?

YES NO

61. Are the museum's exhibitions and activities accessible to people with various disabilities?

YES NO

If yes, check the type(s) of accommodations.

- | | |
|---|---|
| <input type="checkbox"/> Telecommunication device for deaf people | <input type="checkbox"/> Collections presented within a comfortable viewing zone for wheelchair users |
| <input type="checkbox"/> Sign interpreted tours/lectures | <input type="checkbox"/> Notice of access accommodations included in informational materials |
| <input type="checkbox"/> Captioned audio/visual materials | <input type="checkbox"/> Other (Specify _____) |
| <input type="checkbox"/> Large print brochures and labeling | |
| <input type="checkbox"/> Touch and descriptive tours | |
| <input type="checkbox"/> Wheelchair space within seating sections of assembly areas | |

62. Give the number of titles of the following types of materials or productions developed by the staff during the last fiscal year (FY1988). (Exclude products developed for internal use such as films that accompany exhibitions.) Check if any of the materials or productions were specifically adapted for the visually, learning, or hearing impaired.

	Total number of titles	Check if adapted
Catalogues and books	_____	<input type="checkbox"/>
Scientific and scholarly publications	_____	<input type="checkbox"/>
Films/videos	_____	<input type="checkbox"/>
TV/radio productions	_____	<input type="checkbox"/>
Slide/photo sets (not primarily educational)	_____	<input type="checkbox"/>
Curriculum packages, kits or educational games	_____	<input type="checkbox"/>
Other printed materials (such as brochures, gallery guides or newsletters)	_____	<input type="checkbox"/>
Other (Specify _____)	_____	<input type="checkbox"/>

Thank you very much for completing this section.

FINANCES, DEVELOPMENT AND MEMBERSHIP

F

Museum Questionnaire Coordinator:

Name _____

*Date of end of last Fiscal Year _____

Person responsible for completion of Section F:

Name _____

Title _____

Phone () _____

** The last date of the fiscal year for the institution; if the museum runs on a calendar year, the fiscal year end date will be Dec. 31, 1988.*

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Your museum was chosen as part of a statistical sample from a master list of museums developed from numerous listings of museums. Each completed questionnaire received will help determine national information on the museum community. Each museum that returns a completed questionnaire will receive a copy of the **1989 Report on Museums**, which will be available in late 1989. In early 1990 participating museums can also request a copy of the data (on a public use tape or disk) for the cost of producing the tape/disk.

Please return this section, when completed, to your Museum Questionnaire Coordinator for reassembly and mailing within two weeks to Prospect Associates.

CRITICAL INFORMATION ON HOW TO COMPLETE THE QUESTIONNAIRE

This questionnaire is divided into 6 sections; the six sections are:

A: Identification and Instructions

B: Organizational Structure and Legal Information

C: Administration (Facilities, Security, Physical Access and Personnel)

D: Collections and Research (Collections, Care and Maintenance, Conservation and Research)

E: Public Activities and Audience (Attendance and Admissions, Exhibitions, Public Programs, Publications, and Products)

F: Finances, Development, and Membership

The questionnaire should be filled out based on the museum's last completed fiscal year prior to January 1, 1989. This should be either the fiscal year (FY) 1988 or the calendar year 1988, if the museum operates on a calendar year basis.

The questionnaire can be filled out in black pen or pencil. Please write numbers legibly.

There are nine questions that the National Steering Committee considers to be of a confidential nature. They are marked with **Confidential** before the question. These data items will not appear on the "public use" data tape or disk, and information about these items will only be released in summarized figures so that an individual museum can in no way be identified. The National Steering Committee limited the number of confidential items to a minimum to make the database as useful as possible to individual museums. There are four confidential items in this section.

There are four questions which also appeared on the 1979 survey. These questions are included to provide comparisons between this survey and the 1979 survey.

If the museum is a subsidiary of another museum or has subsidiary museums, check with the Museum Questionnaire Coordinator, whose name should appear on cover page of this section, to be sure the information filled out in this section reflects the institution as described in other sections.

If a particular data item is not known exactly, please give an estimate and write "E" beside it. Since this is not an audit or a financial report, your best estimate is more useful than no information.

Be sure to put "0" for zero or none; **please don't leave a blank space**. It is important for the analysis to know whether a data item is zero or is missing. Zero is an important piece of knowledge. If an item does not apply to your museum, put an "n/a" in the space.

If you have questions while completing this section, please check with the Museum Questionnaire Coordinator (whose name should appear on this page) and then if your question remains, please call (collect) Cynthia Lampkin at Prospect Associates at 301-468-6555. She or her staff should be able to answer your question. If she can't, then she will direct your question to the AAM Data Collection staff who will call you back. We value your questions.

Please feel free to annotate your answers by writing in the margins. It probably will help us understand the museum's data.

General instruction for Section F: Whole dollar amounts: Please round off monetary answers to the nearest ten, hundred, or thousand dollars depending on the size of the museum's budget and the amount of the answer. For statistical purposes, the survey does not require the precision of other financial documents a museum completes. If an answer is in the hundreds, round off to the nearest ten dollars; if an answer is in the thousands, round off to the nearest hundred dollars; and if an answer is in the millions, round off to the nearest thousand dollars.

General instruction for Section F: If the museum has a parent organization (such as a university or historical society), please give data for the museum portion of the organization only. Estimates are acceptable if actual data are unavailable.

CHECK WITH SECTIONS B AND C TO BE SURE THAT THE ORGANIZATION REPRESENTED IN THE FINANCIAL SECTION AGREES WITH THE LEGAL AND STAFF QUESTIONS.

Question 63: Planned giving program: An active program of the museum to seek charitable gifts that come through wills, trusts, gift annuities, life insurance, securities, real estate, and other mechanisms.

Questions 64, 65, and 66: Exclude memberships that only receive publications and to whom no other programs are offered. Although the museum may have many more membership categories, only the prices of an individual and a family membership are needed in this data collection.

Question 68: Does the museum maintain its financial records in only one fund or in "fund accounting"?

Fund accounting: Many not-for-profit organizations receive resources restricted for particular purposes. To facilitate observance of limitations, the accounts are maintained as separate accounting entities with self-balancing sets of accounts recording assets, liabilities, fund balances, and changes in fund balances. Similar groups of accounts are usually grouped together for reporting purposes.

Question 69: The first part of the question asks information on current accounting policy for collections; the second part seeks information about the capitalization policy of past years.

Prior period: All years before the current fiscal year.

Historical (cost) value: The cost of an object when purchased or the fair market value at the time received if an object was donated.

Current market value: The amount that would be paid for an object if it were sold/bought today.

**Please enclose a copy of the museum's
FY1988 financial statement (audited if available)**

63. Was there a planned giving program in operation for the museum during the last fiscal year (FY1988)?

YES NO

If yes, check the institution that ran the program:

the museum
 another separately incorporated entity

If no, is a planned giving program being developed for the museum?

YES NO

64. Was there a membership program for the museum during the last fiscal year (FY1988)?

YES NO (If no, go to question 67)

65. If yes, indicate the number of members at the end of the last fiscal year (FY1988).

_____ (Count as one each corporate, organizational, and family membership.)
number

66. What were the annual membership fees during the last fiscal year (FY1988) for:

an individual? \$ _____ (Give dollars and cents)
a family? \$ _____

67. For the last fiscal year (FY1988), did the museum have a budget that was formally approved by the governing authority?

YES NO

68. Check the method(s) of accounting used by the museum.

one fund
 multiple funds (fund accounting)
 not-for-profit organization accounting
 government accounting

69. As additions are made to the museum's permanent collection, are they capitalized and the value recorded on the museum's balance sheet?

YES NO

Check the extent to which prior period additions to the permanent collection were capitalized and the value of these additions placed on the museum balance sheet.

1 All 2 Some 3 None

If "All" or "Some" is checked, please check the method(s) of valuation.

historical (cost) value
 current market value
 insurance or replacement value
 other value (Specify _____)

Question 70: Total organization: Includes all funds. If the museum does not follow fund accounting, this will be the same as the operating fund.

Current liabilities: Amounts owed by the museum within one year, including notes and accounts payable.

Long-term liabilities: Include mortgages, long-term debt, and any other long-term liabilities.

Fund balance/net worth: Current balance(s) of all funds; the difference between assets and liabilities, the organizational accumulated surplus or deficit.

Question 71: Please give market value of endowment fund (including permanent, term, quasi, and board-designated endowment funds) at the end of FY1988. If the museum accounting records do not have market figures, give the cost basis figures and write "cost" next to the figure.

Question 72: Many museums now have a policy regarding how much of the earnings of the endowment will be used and how much will be reinvested to make the principal grow to keep up with inflation. Check if the museum has a policy, whether board approved or staff created.

Question 73: Report whole dollars, rounding off to the nearest ten, hundred, or thousand depending on the size of the museum's total budget. Include all income items and note inconsistencies with attached financial statements. Put "0" on any line where the amount is zero or the museum has no income of that kind.

Exclude deferred income. For example, notification of grants and pledges for future years would NOT be included.

Where "gross income/direct expenses/net income" is listed, please fill in all items, unless "net" is only figure available. If "gross" is known but expenses cannot be isolated from other expenses, put in the "gross income" figure, put an "n/a" on the expenses line, and repeat the "gross income" on the "net" line.

Operating income: Unrestricted and restricted funds used for current museum operations such as exhibition, education, conservation, collections management, research, training, development, public programs, physical facilities maintenance, and administration. If the museum receives contributions that are specifically designated for such ongoing museum operations but are designated for the museum's accounting purposes as restricted, such contributions should be included as operating income.

Instructions Continued Next Page

70. Give the following balance sheet items as of the end of the last fiscal year (FY1988).

\$ _____ Total organization assets
\$ _____ Total organization current liabilities
\$ _____ Total organization long-term liabilities
\$ _____ Total organization fund balance/net worth

Check if balance sheet information is unavailable because of inability to separate museum from parent organization. Give the following assets if known:

\$ _____ Fixed assets Check if not known
\$ _____ Cash assets Check if not known

71. Give the estimated market value of the endowment (and funds functioning as endowment) as of the end of the last fiscal year (FY1988).

\$ _____

Check if museum has no endowment funds and skip to question 73.

72. Does the museum have a policy regarding how much of the endowment earnings are retained as principal and reinvested?

YES NO

73. OPERATING INCOME: Give the total operating income from each of the sources listed for the fiscal year (FY1988). Exclude in-kind, donated services, and provision of services by parent organization. These are covered in questions 78 and 79.

If the museum is part of a larger, nonmuseum organization, give financial figures for the museum function only. Estimate where actual figures are unavailable.

Parent organization (cash payment): The budget allocation from the parent organization to the museum. If the parent organization is a government agency, please exclude this amount from the corresponding government line. Direct appropriations from legislative bodies belong on the appropriate government lines.

Friends/foundation/guild organization (cash payment): The amount of the cash support given to the museum.

Federal government: Fill in amounts from the different Federal agencies. The "other" line is available for funds from nonspecified agencies and direct appropriations.

State government: Income from any state level agency or directly from the state budget. Include Federal funds administered by states.

Local government: Income from any local, county, or regional agency or directly from budgets at those government levels. Include Federal funds administered by localities.

Other government: Income from other governments. For example, foreign governments.

Foundations: Private foundation contributions and grants from private and community foundations.

Corporate foundations and corporations: Give income from corporate foundations and corporations separately if known. If not known put all monies received under corporations.

Individuals: Contributions and grants from individuals.

Benefits/special events: Include the "gross income" and the "direct expenses" from fundraising events for the museum. Income and expenses from rental of the museum facility for events for other organizations belongs under "auxiliary services" below. If only the "net" is known, put "n/a" on the "gross income" and on the "expenses" lines. If "net" is a negative number, put in parentheses.

Investment income from endowment and funds functioning as endowment: Dividends, interest, and any other income used for operating purposes earned from endowment or similar funds.

Gain (loss) from sale of assets: If a loss, put the negative number in parentheses. Include only assets and investments that are held in the "operating fund".

General and special exhibition admissions: Exclude any local or state sales or admission taxes. Include admission income that is remitted to a parent organization that then allocates it entirely or in part for museum operations.

Fees received for royalties: Include payments made for the use of designs and reproductions of the collection, including photographs and illustrations of the collection.

Publications: Income for publications, including audio or video materials, produced by the museum. If possible, include the gross income, the publications (publishing and distribution) expense, and the net. If the figures are accounted for completely through the museum sales shop, include below with the shop. If the expense figures are intermixed with other expenses, put the income on both the "gross" and the "net" lines.

Tuition fees: Include both formal and informal educational experiences.

Program fees: Fees paid by the public for participation in a museum program, for tickets to film, performing arts events, lectures, for kit rentals, etc.

Fees for service to the field: Payments by other museums and institutions for services performed by the museum (for example: fees paid for traveling exhibitions or for objects conserved).

Auxiliary services: Visitor service activities. The "gross income" and "direct expense" figures of these six items will remain confidential and will be released only in aggregated form so that no individual museum will be identified. This is an important data item and if at all possible, please fill in all details.

Facilities rental: Rental of facility by other organizations.

73. CONTINUED

Parent Organization Support (cash payment)	\$ _____
Specify type of parent organization _____	
Friends/Foundation/Guild Organization Support (cash payment)	\$ _____
Total from Parent and Friends, etc. Organizations	\$ _____
Federal Government (total)	\$ _____
Institute of Museum Services	\$ _____
National Science Foundation	\$ _____
National Endowment for the Arts	\$ _____
National Endowment for the Humanities	\$ _____
Department of Education	\$ _____
National Park Service	\$ _____
Other Department of Interior	\$ _____
Other (Specify agency by name or appropriation _____)	\$ _____
State government	\$ _____
Local government (municipal, county, and regional)	\$ _____
Other government (Specify source _____)	\$ _____
Total Income from Government Sources	\$ _____
Private and community foundations	\$ _____
Corporate foundations	\$ _____
Corporations	\$ _____
Individuals (exclude membership and admission donations)	\$ _____
Benefits/special events: <i>Confidential</i>	
(Gross income: \$ _____ -	
direct expenses: \$ _____) = Net	\$ _____
Other private cash support (Specify _____)	\$ _____
Total Income from Private Sources	\$ _____
Investment Income	
Investment income from endowment and funds functioning as endowment	\$ _____
Investment income other sources	\$ _____
Gain (loss) from sale of assets	\$ _____
Total Investment Income	\$ _____
Earned Income	
General admissions (less admission taxes)	\$ _____
Special exhibition admissions (less admission taxes)	\$ _____
Membership income	\$ _____
Fees received for royalties <i>Confidential</i>	\$ _____
Publications (Gross income: \$ _____ -	
direct expenses: \$ _____) = Net	\$ _____
Tuition fees (classes, seminars)	\$ _____
Program fees	\$ _____
Fees for services to the field	\$ _____
Auxiliary Services (exclude sales taxes)	
Food Service	
(Gross income: \$ _____ -	
direct expenses: \$ _____) = Net	\$ _____
Direct mail sales	
(Gross income: \$ _____ -	
direct expenses: \$ _____) = Net	\$ _____
Museum sales shop	
(Gross income: \$ _____ -	
direct expenses: \$ _____) = Net	\$ _____
Parking	
(Gross income: \$ _____ -	
direct expenses: \$ _____) = Net	\$ _____
Facilities rental	
(Gross income: \$ _____ -	
direct expenses: \$ _____) = Net	\$ _____
Other Auxiliary (Specify _____)	
(Gross income: \$ _____ -	
direct expenses: \$ _____) = Net	\$ _____
Other Earned Income (Specify _____)	\$ _____
Total Earned Income	\$ _____
TOTAL OPERATING INCOME	\$ _____
(add Parent Organization, Government, Private Investment, and Earned Income lines)	
(subtract) amount of earned income returned to parent organization	(\$ _____)
NET TOTAL OPERATING INCOME	\$ _____

Confidential

Question 74: Give the operating expenses for the museum functions listed below for the last fiscal year (FY1988). Use the same functions that were used in Section C, question 23, on staff.

Report whole dollars, rounding off to the nearest ten, hundred, or thousand depending on the size of the museum's total budget. Include both restricted and unrestricted funds used for current operations. Include depreciation expense if it is accounted for in the operating fund. Exclude from both income and expenses in-kind gifts and services and provision of services from parent organizations.

Functions: A program, activity, and/or department of the museum. For each function, give the total payroll (cost of personnel), including all fringes, accrued vacations, and perquisites, and the total costs of the function.

Collections and research: Within this function are curatorial, collections management, conservation, collections maintenance, and research activities. Include registration, storage, handling activities.

Public activities: Within this function are exhibition and education activities and all other public programs. This function includes all activities directed toward the public, including all activities involved with planning, development, execution, and maintenance of exhibitions; public information, public relations, marketing, publications, photographers, library, performing and media arts.

General administration: Director's office, business management.

Development and membership: Development or fundraising and membership activities.

Building and maintenance: Janitorial, up-keep, and maintenance on the physical facilities (buildings and grounds).

Security: Security force and activities.

Auxiliary services: Visitor support services: food service/cafeteria, sales shop and catalogue sales, parking lots.

Other: For expenses listed in this category, please specify the functional area.

Friends/foundation/guild organization: List separately all expenses for support organizations.

Question 75: Include purchases of items to be held in the permanent and other collections.

HVAC: Heating, ventilation, air conditioning.

Question 76: "Total Operating Income" and "Total Operating Expenses" for FY1988 are the same as the totals for questions 73 and 74. Add or subtract any transfers from other funds that were made by the museum on the financial statements. If the museum has only one fund, put an n/a on these lines; otherwise put in "0" if no transfer was made. Put negative numbers in parentheses.

Question 77: This is the total income and expenses for all funds added together. If the museum has only one fund (an operating fund), the figures will be the same as question 76.

74. OPERATING EXPENSES BY FUNCTION: Give the total operating expenses for each of the functions listed for the fiscal year (FY1988). Exclude in-kind, donated services, and provision of services by parent organization. These are covered in questions 78 and 79.

Expenses for special events/benefits and auxiliary services should be subtracted from income on the previous page.

If it is impossible to extract these expenses, check here .

	Personnel Expenses	Total Expenses
Collections and research	\$ _____	\$ _____
Public activities	\$ _____	\$ _____
General administration	\$ _____	\$ _____
Development and membership	\$ _____	\$ _____
Building and maintenance	\$ _____	\$ _____
Security	\$ _____	\$ _____
Auxiliary services	\$ _____	\$ _____
Other (Specify _____)	\$ _____	\$ _____
TOTAL OPERATING EXPENSES	\$ _____	\$ _____
Friends/Foundation/Guild Organization	\$ _____	\$ _____

75. Give the expenses from all funds (operating and nonoperating) for the last fiscal year (FY1988) for the following specific items:

Acquisitions of objects/sites/land for the collection	\$ _____
Energy costs (HVAC, lighting)	\$ _____
Capital expenditures for physical plant	\$ _____

76. Give the following totals for the operating fund for the last three fiscal years:

	FY1986	FY1987	FY1988
Total operating income	\$ _____	\$ _____	\$ _____
(-) Total operating expenses	\$ _____	\$ _____	\$ _____
(+) Transfer from endowment	\$ _____	\$ _____	\$ _____
(+/-) Other transfers	\$ _____	\$ _____	\$ _____
Operating surplus/(deficit)	\$ _____	\$ _____	\$ _____

77. Give the figures for the last fiscal year (FY1988) for:

Total organization income	\$ _____
Total organization expenses	\$ _____

Confidential

Question 78: Include items and services purchased by parent organizations and provided at no cost to the museum, such as a computer purchased from an outside vendor by the university for use in the museum.

78. Give an *estimated value* for any of the following services that were provided free of charge (or below cost) by parent institution or another agency (e.g., university, municipal government) during the last fiscal year (FY1988). Put a "0" for services the museum *did not* receive. (If the value is not known, please estimate.)

Check if the museum received **NO** such services.

Check if museum received service but value unknown

Building maintenance	\$ _____	<input type="checkbox"/>
Groundskeeping	\$ _____	<input type="checkbox"/>
Personnel services	\$ _____	<input type="checkbox"/>
Security services (systems guards, maintenance)	\$ _____	<input type="checkbox"/>
Financial services	\$ _____	<input type="checkbox"/>
Conservation services	\$ _____	<input type="checkbox"/>
Collection management	\$ _____	<input type="checkbox"/>
Legal/audit services	\$ _____	<input type="checkbox"/>
Mortgage/bonds on building	\$ _____	<input type="checkbox"/>
Utilities/energy	\$ _____	<input type="checkbox"/>
Transportation	\$ _____	<input type="checkbox"/>
Other (Specify _____)	\$ _____	<input type="checkbox"/>

Question 79: Include donations to permanent and other collections. For donations to the collection, use the appraised value if an appraisal was made. Otherwise, use value established by museum for insurance purposes.

For other in-kind and non-cash contributions include only those that are included on the museum's financial statement or for which the museum has an objective basis and documents the valuation. (This could include the record of volunteer hours or records from the development department for contribution purposes.) Exclude those of parent institution that were valued in question 78.

79. Give the *estimated value* of the following items for the last fiscal year (FY1988).

Check if estimate is impossible

Donations to the collection	\$ _____	<input type="checkbox"/>
In-kind services and donations	\$ _____	<input type="checkbox"/>
Value of volunteer time	\$ _____	<input type="checkbox"/>

**Please enclose a copy of the museum's
FY1988 financial statement (audited if available)**

Thank you very much for completing this section.

APPENDIX B

LIST OF MUSEUMS COMPLETING QUESTIONNAIRE

This list is a compilation of the 33 lists received from organizations of museums. Upper and lower case have no specific meanings. Possible mistakes in spellings, names and addresses may exist in this list. The list is sorted by state and zipcode.

ANCHORAGE MUS. OF HIST. & ART 121 WEST 7TH AVENUE ANCHORAGE AK 99501	PRATT MUSEUM 3779 BARTLETT STREET HOMER AK 99603	UNIVERSITY OF ALASKA MUSEUM UNIVERSITY OF ALASKA 907 YUKON DRIVE FA IRBANKS AK 99701
Alaska State Museum 395 Whittier Street Juneau AK 99801	CLASUEM MEMORIAL MUSEUM 203 FRAM ST P.O. BOX 708 PETERSBURG AK 99833	TALLADEGA COUNTY 106 BROOME ST HISTORICAL ASSN TALLADEGA AL 35160
BIRMINGHAM MUSEUM OF ART 2000 8TH AVENUE NORTH BIRMINGHAM AL 35203	THE DISCOVERY PLACE OF BIRMINGHAM, INC. 1320 22nd St., South Birmingham AL 35205	Birmingham Zoo 2630 Cahaba Rd. Birmingham AL 35223
UAB VISUAL ARTS GALLERY ART DEPT., UNIV. OF ALABAMA 101 HONORS HOUSE Birmingham AL 35294	CHILDREN'S HANDS-ON MUSEUM P O BOX 1672 TUSCALOOSA AL 35403	CITY OF FLORENCE MUSEUMS PO BOX 98 FLORENCE AL 35630
SCOTTSBORO HISTORY MUSEUM AND ART CENTER P.O. BOX 53 SCOTTSBORO AL 35768	FIRST WHITE HOUSE OF THE CONFEDERACY P O BOX 1861 MONTGOMERY AL 36103	WOMEN'S ARMY CORPS MUSEUM BUILDING 1077 FT MCCLELLAN AL 36205
USS ALABAMA BATTLESHIP MEMORIAL PARK Battleship Parkway Mobile AL 36601	Conde-Charlotte House 104 Theatre St. Mobile AL 36603	FINE ARTS MUSEUM OF THE SOUTH MUSEUM DRIVE, LANGAN PARK P.O. BOX 8426 MOBILE AL 36689
HOT SPRINGS NATIONAL PARK P.O. Box 1860 Hot Springs AR 71902	Arkansas Territorial Restoration 214 E. Third St. Little Rock AR 72201	ARKANSAS MUS OF SCIENCE & HISTORY MACARTHUR PARK LITTLE ROCK AR 72202
ARKANSAS ARTS CENTER P.O. BOX 2137 LITTLE ROCK AR 72203	ARKANSAS STATE UNIVERSITY MUSEUM CONTINUING EDUCATION BLDG Jonesboro AR 72401	JEAN P. HAYDON MUSEUM P.O. Box 1540 Pago Pago AS 96799
PHOENIX ART MUSEUM 1625 NORTH CENTRAL AVE PHOENIX AZ 85004	ARIZONA HISTORICAL SOCIETY MUSEUM-PHOENIX 1242 N. Central Phoenix AZ 85004	HEARD MUSEUM 22 E MONTE VISTA ROAD PHOENIX AZ 85004
Arizona Mus of Science & Technology 80 N. 2nd St. Phoenix AZ 85004	DESERT BOTANICAL GARDEN 1201 N GALVIN PARKWAY PHOENIX AZ 85008	ARIZONIA STATE UNIVERSITY MUSEUM OF ANTHROPOLOGY TEMPE AZ 85287
ARIZONA HISTORICAL SOCIETY-CENTURY HOUSE M 240 S. Madison Ave. Yuma AZ 85364	FORT HUACHUCA MUSEUM Corner of Boyd & Griers Fort Huachuca AZ 85613	TOMBSTONE COURTHOUSE STATE HISTORIC PARK 219 Toughnut St. Tombstone AZ 85638
Chiricahua National Monument Dos Cabezas Star Route BIX 6500 Willcox AZ 85643	Tucson Museum of Art 140 North Main Avenue Tucson AZ 85705	Reid Park Zoo 1100 S. RANDOLPH WAY Tucson AZ 85716
DEGRAZIA ART & CULTURAL FOUNDATION 6300 N. Swan Rd. Tucson AZ 85718	CENTER FOR CREATIVE PHOTOGRAPHY UNIVERSITY OF ARIZONA Tucson AZ 85719	ARIZONA STATE MUSEUM UNIVERSITY OF ARIZONA TUCSON AZ 85721
FLANDRAU PLANETARIUM UNIVERSITY OF ARIZONA ASTRONOMY DEPARTMENT TUCSON AZ 85721	ARIZONA-SONORA DESERT MUSEUM 2021 NORTH KINNEY ROAD TUCSON AZ 85743	MUSEUM OF NORTHERN ARIZONA Fort Valley Rd. Fort Valley Rd. Flagstaff AZ 86001

Riordan State Historic Park 1300 Riordan Ranch Road Flagstaff AZ 86001	GRAND CANYON NATIONAL PARK Visitor Center, Grand Canyon Grand Canyon Nat AZ 86023	NAVAJO TRIBAL MUSEUM P.O. BOX 308 Highway 264 Window Rock AZ 86515
Los Angeles Co. Museum of Natural H 900 Exposition Boulevard Los Angeles CA 90007	THE LOS ANGELES CHILDREN'S MUSEUM 310 North Main Street Los Angeles CA 90012	MUSEUM OF CONTEMPORARY ART 250 SOUTH GRAND AVENUE AT CALIFORNIA PLAZA LOS ANGELES CA 90012
EL PUEBLO DE LOS ANGELES STATE HISTORIC 845 N. Alameda St. Los Angeles CA 90012	WIGHT ART GALLERY 405 HILGARD AVENUE LOS ANGELES CA 90024	Museum of Cultural History University of California - LA 405 HILGARD AVE. Los Angeles CA 90024
GRIFFITH OBSERVATORY 2800 E. Observatory Rd. Los Angeles CA 90027	Simon Wiesenthal Center Yeshiva University 9760 W. Pico Blvd. Los Angeles CA 90035	LOS ANGELES COUNTY MUSEUM OF ART 5905 Wilshire Blvd. Los Angeles CA 90036
CRAFT AND FOLK ART MUSEUM 5814 WILSHIRE BLVD. LOS ANGELES CA 90036	Southwest Museum Highland Park Box 128 Los Angeles CA 90042	J PAUL GETTY MUSEUM P.O. BOX 2112 SANTA MONICA CA 90406
LOS ANGELES STATE AND COUNTY ARBORETUM 301 N. Baldwin Ave. Arcadia CA 91006	Art Gallery Pasadena City College 1570 E. Colorado Blvd. C-211 Pasadena CA 91106	CONEJO VALLEY ART MUSEUM 191 WEST WILBUR ROAD THOUSAND OAKS CA 91360
CHINO VALLEY HISTL SOC P O BOX 972 CHINO CA 91708	Museum of History and Science 225 South Euclid Ontario CA 91761	LA JOLLA MUS CONTEMPORARY ART 700 PROSPECT STREET LA JOLLA CA 92037
THE CHILDREN'S MUSEUM OF SAN DIEGO 8657 VILLA LA JOLLA DRIVE, SUITE 113 LA JOLLA CA 92037	SCRIPPS AQUARIUM-MUSEUM 8602 LAJOLLA SHORES DRIVE LAJOLLA CA 92093	INTERNATIONAL AEROSPACE HALL OF FAME 2001 PAN AMERICAN PLAZA SAN DIEGO CA 92101
SAN DIEGO AERO-SPACE MUSEUM, INC. 2001 Pan American Plaza San Diego CA 92101	SAN DIEGO MUSEUM OF MAN 1350 EL PRADO SAN DIEGO CA 92101	Reuben H. Fleet Space Theater and Science Center Balboa Park, P.O. Box 33303 San Diego CA 92103
SAN DIEGO ZOO P.O. Box 551 San Diego CA 92112	SAN DIEGO MUSEUM OF ART PO BOX 2107 SAN DIEGO CA 92112	NATURAL HISTORY MUSEUM P O BOX 1390 SAN DIEGO CA 92112
EDWARD-DEAN MUSEUM OF DECORATIVE ARTS 9401 Oak Glen Rd. Cherry Valley CA 92223	Living Desert Reserve 47-900 Portola Avenue P.O. Box 1775 Palm Desert CA 92261	PALM SPRINGS DESERT MUSEUM PO BOX 2288 101 MUSEUM DRIVE PALM SPRING CA 92263
Idyllwild County Park P.O. Box 341 Highway 243 Idyllwild CA 92349	SAN BERNARDINO COUNTY MUSEUM 2024 ORANGE TREE LANE REDLANDS CA 92374	Art Gallery California State University 5500 University Park San Bernadino CA 92407
RIVERSIDE MUNICIPAL MUSEUM 3720 ORANGE STREET RIVERSIDE CA 92501	Louis Robidoux Nature Center 5370 Riverview Drive Rubidoux CA 92509	MARCH FIELD MUSEUM 22 AREFW/CUM MARCH AFB CA 92518
Orange County Marine Institute P.O. Box 68 2400 Dana Point Harbor Dr. Dana Point CA 92629	FULLERTON MUSEUM CENTER 301 N. Pomona Ave. Fullerton CA 92632	Shipley Nature Center City of Huntington Beach P.O. Box 190 Huntington Beach CA 92648

NEWPORT HARBOR ART MUSEUM 850 San Clemente Dr. Newport Beach CA 92660	NATURAL HISTORY FOUNDATION OF ORANGE COUNTY PO BOX 7038 NEWPORT BEACH CA 92660	Santa Ana Zoo 1801 E. Chestnut Ave. Santa Ana CA 92701
BOWERS MUSEUM 2002 N. MAIN STREET SANTA ANA CA 92706	THE SEVERIN WUNDERMAN FOUNDATION 3 Mason St. Irvine CA 92718	SANTA BARBARA MUSEUM OF ART 1130 STATE STREET SANTA BARBARA CA 93101
SANTA BARBARA MUSEUM NATL HIST 2559 PUESTA DEL SOL SANTA BARBARA CA 93105	DELANO HERITAGE PARK Lexington & Garces Delano CA 93215	LORI BROCK CHILDREN'S MUSEUM 3803 Chester Ave. Bakersfield CA 93301
HEARST SAN SIMEON STATE HISTORICAL MONUMENT 750 HEARST CASTLE ROAD SAN SIMEON CA 93452	LAWS RAILROAD MUSEUM AND HISTORICAL SITE Silver Canyon Rd. Bishop CA 93514	Lancaster Museum and Art Gallery 44801 North Sierra Highway Lancaster CA 93534
Sierra Historic Sites Association 49777 School Road P.O. Box 451 Oakhurst CA 93644	FRESNO ART MUSEUM 2233 N. First St. Fresno CA 93703	MONTEREY PENINSULA MUS OF ART 559 PACIFIC STREET MONTEREY CA 93940
Monterey Bay Aquarium 886 Cannery Row Monterey CA 93940	SAN FRANCISCO MUS OF MODERN ART 401 VAN NESS AVENUE SAN FRANCISCO CA 94102	Muni Railway of San Francisco 2301 San Jose Ave. Room 2 San Francisco CA 94112
FINE ARTS MUS OF SAN FRANCISCO GOLDEN GATE PARK SAN FRANCISCO CA 94118	ASIAN ART MUSEUM OF SAN FRANCISCO GOLDEN GATE PARK SAN FRANCISCO CA 94118	CALIFORNIA ACADEMY OF SCIENCES GOLDEN GATE PARK SAN FRANCISCO CA 94118
THE WESTERN RAILWAY MUSEUM PO BOX 3694 SAN FRANCISCO CA 94119	MEXICAN MUSEUM FT MASON BLDG D. LAGUNA & MARINA BLVD SAN FRANCISCO CA 94123	EXPLORATORIUM 3601 LYON STREET SAN FRANCISCO CA 94123
MUSEO ITALOAMERICANO Ft. Mason Bldg. C-Marin San Francisco CA 94133	CALIFORNIA STATE CAPITOL MUS CA STATE CAPITOL, ROOM B-27 SACRAMENTO CA 94249	PALO ALTO JUNIOR MUSEUM 1451 MIDDLEFIELD ROAD PALO ALTO CA 94301
KEESING MUSEUM OF ANTHROPOLOGY DEPARTMENT OF ANTHROPOLOGY STANFORD UNIVERSITY STANFORD CA 94305	COYOTE POINT MUSEUM FOR ENVIRONMENTAL EDUCATION Coyote Point Drive., Co San Mateo CA 94401	MUSEUM OF VINTAGE FASHION 1712 Chapparal Lane Lafayette CA 94549
LIVERMORE HERITAGE GUILD P O BOX 961 LIVERMORE CA 94550	THE SILVERADO MUSEUM 1490 Library Lane St. Helena CA 94574	MARINE WORLD-AFRICA USA Marine World Pkwy Vallejo CA 94589
CIVIC ARTS GALLERY 1641 Locust St. Walnut Creek CA 94596	ROTARY NATURAL SCIENCE CENTER Lakeside Park Oakland CA 94612	MERRITT COLL ANTHROPOLOGY MUS 12500 CAMPUS DRIVE OAKLAND CA 94619
CHABOR OBSERVATORY & SCIENCE CENTER 4917 Mountain Boulevard Oakland CA 94619	BOTANICAL GARDEN Univ of Cal - Berkeley BERKELEY CA 94720	UNIVERSITY ART MUSEUM 2625 DURANT BERKELEY CA 94720
LOWIE MUSEUM OF ANTHROPOLOGY 103 KROEBER HALL, UC-B BERKELEY CA 94720	POINT REYES NATIONAL SEASHORE Point Reyes CA 94956	PINNACLES NATIONAL MONUMENT Paicines CA 95043

THE OCTAGON-SANTA CRUZ COUNTY HISTORICAL MUSEUM 118 COOPER STREET SANTA CRUZ CA 95060	ART MUSEUM OF SANTA CRUZ CNTY P.O. BOX 8407 SANTA CRUZ CA 95061	UCSC ARBORETUM University of California Santa Cruz CA 95064
CHILDREN'S DISCOVERY MUS OF SJ PO BOX 90160 SAN JOSE CA 95109	SAN JOSE MUSEUM OF ART 110 S. Market St. San Jose CA 95113	San Jose Institute of Contemporary Art 377 South First Street San Jose CA 95113
YOUTH SCIENCE INSTITUTE 296 GARDEN HILL DRIVE VASONA COUNTY PARK LOS GATOS CA 95127	ANGELS CAMP MUSEUM 753 SOUTH MAIN STREET P O BOX 667 ANGELES CAMP CA 95222	SAN JOAQUIN COUNTY P O BOX 21 HISTORICAL SOC & MUSEUM LODI CA 95241
UNIVERSITY ARBORETUM DEPARTMENT OF BOTANY, T.B. 32 UNIV. OF CALIFORNIA, DAVIS DAVIS CA 95616	DAVIS ART CENTER P.O. BOX 4340 Davis CA 95617	CROCKER ART MUSEUM 216 "O" STREET SACRAMENTO CA 95814
CALIFORNIA STATE RAILROAD MUS 111 I STREET SACRAMENTO CA 95814	SACRAMENTO SCIENCE CENTER 3615 Auburn Boulevard SACRAMENTO CA 95821	CALIFORNIA STATE UNIVERSITY MUSEUM OF ANTHROPOLOGY CHICO CA 95929
GOETHE ACADEMY 12625 Rices Crossing Rd Renaissance CA 95962	CARTER HOUSE SCIENCE MUSEUM 1701 Rio Dr. Redding CA 96003	MUSEUM OF WESTERN ART 1727 Tremont Pl. Denver CO 80202
HISTORIC DENVER INC 1330 17th ST. DENVER CO 80202	COLORADO HISTORICAL SOCIETY COLORADO HERITAGE CENTER 1300 BROADWAY DENVER CO 80203	MOLLY BROWN HOUSE MUSEUM 1340 PENNSYLVANIA STREET DENVER CO 80203
DENVER ART MUSEUM 100 WEST 14TH AVE PKWY DENVER CO 80204	DENVER ZOOLOGICAL GARDENS City Park Denver CO 80205	DENVER MUSEUM OF NATURAL HIST CITY PARK DENVER CO 80205
DENVER BOTANIC GARDENS 909 York St. Denver CO 80206	BLACK AMERICAN WEST MUSEUM P.O. BOX 7171 DENVER CO 80207	THE TURNER MUSEUM 773 Downing Denver CO 80218
Arabian Horse Trust 12000 Zuni Street Westminster CO 80234	UNIVERSITY OF COLORADO MUSEUM UNIV OF COLORADO CAMPUS BOX 218 BOULDER CO 80309	COLORADO SPRINGS FINE ARTS CTR 30 WEST DALE STREET COLO SPRINGS CO 80903
MCALLISTER HOUSE MUSEUM 423 N CASCADE AVENUE COLORADO SPRG CO 80903	WHITE HOUSE RANCH 3202 CHAMBERS WAY COLORADO SPRG CO 80904	CHEYENNE MOUNTAIN ZOOLOGICAL PARK 4250 CHEYENNE MOUNTAIN ZOO ROAD Colorado Springs CO 80906
Greenway & Nature Center of Pueblo 5200 Nature Center Road Pueblo CO 81003	BIG TIMBERS MUSEUM P. O. BOX 362 Lamar CO 81052	CLEAR CREEK CANYON HISTORICAL SOCIETY P.O. BOX 2181 Granite CO 81228
HINSDALE COUNTY HIST SOC P O BOX 353 LAKE CITY CO 81235	Mesa Verde National Park Mesa Verde Nat'l Park CO 81330	SAN JUAN COUNTY HISTORICAL SOCIETY MUSEUM Box 154 Silverton CO 81433
THE WHITE RIVER MUSEUM 565 Park St. Meeker CO 81641	Roaring Brook Nature Center 70 Gracey Road Canton CT 06019	Copernican Observatory & Planetariu Central Connecticut State University 1615 Stanley Street New Britain CT 06050

DINOSAUR STATE PARK
DINOSAUR STATE PARK/WEST ST
ROCKY HILL CT 06067

WADSWORTH ATHENEUM
600 MAIN STREET
HARTFORD CT 06103

CT State Museum of Natural History
University of Connecticut, Box U-23
75 N. Eagleville Road, Room 312
Storrs CT 06268

PEABODY MUSEUM OF NATURAL HIST
BOX 6666
170 WHITNEY AVENUE
NEW HAVEN CT 06511

AMERICAN INDIAN
ARCHAEOLOGICAL INSTITUTE
Rte. 199, P.O. 260
Washington CT 06793

STAMFORD MUS & NAT CTR
39 SCOFIELDTOWN ROAD
STAMFORD CT 06903

WASHINGTON PROJECT FOR THE ARTS
400 SEVENTH STREET, NW
WASHINGTON DC 20004

NATIONAL ZOOLOGICAL PARK
3001 Connecticut Ave, NW
Washington DC 20008

Washington Cathedral
Botanical Gardens
Mount Saint Alban
Washington DC 20016

COMMA
MARINE CORPS MUSEUM
BLDG 58 NAVY YARD
WASHINGTON DC 20374

Freer Gallery of Art
Jefferson Drive & 12th Street, N.W.
Washington DC 20560

NATIONAL PORTRAIT
GALLERY
F. St. at 8th, N.W.
Washington DC 20560

HIRSHHORN MUSEUM
SMITHSONIAN INSTITUTION
INDEPENDENCE AVE AT 8TH ST, SW
WASHINGTON DC 20560

MUSEUM OF NATURAL HISTORY
10 CONSTITUTION AVE NW
SMITHSONIAN INSTITUTION
WASHINGTON DC 20560

NORTHEAST AUDUBON CENTER
Route 4
Sharon CT 06069

Wethersfield Nature Center
505 Silas Deane Highway
Wethersfield CT 06109

Harkness Memorial State Park
275 Great Neck Rd.
Rt. 213
Waterford CT 06385

YALE UNIVERSITY ART GALLERY
1111 CHAPEL STREET
NEW HAVEN CT 06520

Flanders Nature Center, Inc.
Flanders Road
Woodbury CT 06798

NATIONAL BUILDING MUSEUM
PENSION BUILDING
JUDICIARY SQUARE, N.W.
WASHINGTON DC 20001

CORCORAN GALLERY OF ART
17TH & NEW YORK AVE NW
WASHINGTON DC 20006

TEXTILE MUSEUM
2320 S STREET NW
WASHINGTON DC 20008

EXPLORERS HALL
17th & M Sts. NW.
Washington DC 20036

THE NATIONAL ARCHIVES
8TH & CONSTITUTION AVE
WASHINGTON DC 20408

ARTHUR M. SACKLER
GALLERY
1050 Independence Ave., NW
Washington DC 20560

RENWICK GALLERY OF THE
NATIONAL MUSEUM OF AMERICAN ART
Pennsylvania Ave. at 17th, NW
Washington DC 20560

THE SMITHSONIAN
955 L'ENFANT PLAZA SW
WASHINGTON DC 20560

NATIONAL AIR & SPACE MUSEUM
6TH & INDEPENDENCE AVE, SW
WASHINGTON DC 20560

OLD NEWGATE PRISON AND COPPER
Newgate Road
EAST GRANBY CT 06072

NEW ENGLAND CENTER FOR
CONTEMPORARY ART
ROUTE 169
BROOKLYN CT 06234

Connecticut Audubon Center
2325 Burr Street
Fairfield CT 06430

YALE CENTER FOR BRITISH ART
BOX 2120
NEW HAVEN CT 06520

DANBURY SCOTT-FANTON MUSEUM
AND HISTORICAL SOCIETY INC.
43 MAIN ST.
DANBURY CT 06810

United States National Arboretum
3501 New York Avenue, N. E.
Washington DC 20002

Museum of Modern Art of Latin Ameri
201 18th Street, N.W.
Washington DC 20006

PHILLIPS COLLECTION
1600 21ST STREET N W
WASHINGTON DC 20009

ARMED FORCES MEDICAL
MUSEUM
Walter Reed Medical Center
Washington DC 20306

THE WHITE HOUSE
1600 Pennsylvania Ave., NW
Washington DC 20500

NATL MUSEUM OF AMERICAN ART
8TH & G STREETS N W
SMITHSONIAN INSTITUTION
WASHINGTON DC 20560

NATIONAL MUSEUM OF AFRICAN ART
SMITHSONIAN INSTITUTION
950 INDEPENDENCE AVENUE, S.W.
WASHINGTON DC 20560

NATIONAL MUS OF AMERICAN HIST
SMITHSONIAN INSTITUTION
CONSTITUTION AVE, NW
WASHINGTON DC 20560

NATIONAL GALLERY OF ART
4TH ST & CONSTITUTION AVE., N.W.
WASHINGTON DC 20565

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FAIRCHILD TROPICAL GARDEN 10901 Old Cutler Rd. Miami FL 33156	Castellow Hammock Nature 22301 S. W. 162 Avenue Goulds FL 33170	METROZOO 12400 S.W. 152nd St. Miami FL 33177
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SOUTH FLORIDA SCIENCE MUSEUM 4801 DREHER TRAIL NORTH West Palm Beach FL 33405	PETRIFIED CREATURES MUSEUM OF 9760 MILITARY TRAIL PALM BEACH FL 33410	PINE JOG CENTER FOR ENVIRON- MENTAL EDUC. FL ATLANTIC UNIV. 6301 SUMMIT BLVD. WEST PALM BCH FL 33415
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TAMPA FL 33617

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Lake Sanctuary
P. O. Box Drawer 3810
Lake Wales FL 33833

Conservancy, Inc.
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Naples FL 33942

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MUSEUM-HARBOR BRANCH
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Fort Pierce FL 34946

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SOCIETY
3101 Andrews Drive, N.W.
Atlanta GA 30305

HAMMONDS HOUSE GALLERIES, INC.
503 PEEPLES STREET, S.W.
ATLANTA GA 30310

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BUFORD GA 30518

Rock Eagle 4-H Center
Conference Center
Eatonton GA 31024

Savannah Science Museum
and Planetarium
4405 Paulsen Street
Savannah GA 31405

Okefenokee National Wildlife Refuge
Rt. 2, Box 338
Folkston GA 31537

COLUMBUS MUSEUM ART & SCIENCE
P O BOX 1617
COLUMBUS GA 31902

WAIKIKI AQUARIUM
2777 KALAKAUA AVENUE
HONOLULU HI 96815

Gallery 181
Iowa State University
College of Design
Ames IA 50011

DES MOINES ART CENTER
EDMUNDSON ART FOUNDATION
4700 GRAND AVENUE
DES MOINES IA 50312

SCIENCE CENTER OF PINELLAS CO.
7701 22ND AVENUE NORTH
St. Petersburg FL 33710

MULBERRY PHOSPHATE MUSEUM
PO BOX 707
MULBERRY FL 33860

Youth Museum of Charlotte County
260 W. Retta Esplanade
Punta Gorda FL 33950

Chattahoochee Nature Center
9135 Willeo Road
Rosewell GA 30075

Sci. & Tech. Museum of Atlanta
395 Piedmont Ave., N.E.
Atlanta GA 30308

ZOO ATLANTA, INC
800 Cherokee Ave., S.E.
Atlanta GA 30315

GEORGIA MUSEUM OF ART
UNIVERSITY OF GEORGIA
JACKSON ST., NORTH CAMPUS
ATHENS GA 30602

Robins Air Force Base Museum
P.O. Box 2469
Warner Robins GA 31093

Okefenokee Heritage Center, Inc.
Route 5, Box 406-A
Waycross GA 31501

Kolomoki Mounds Museum
Rt. 1
Blakely GA 31623

ISLA CENTER FOR THE ARTS
UNIVERSITY OF GUAM
BOX 5203 UOG STATION
MANGILAO GU 96923

BISHOP MUSEUM
P.O. BOX 19000-A
Honolulu HI 96817

IOWA ARBORETUM, INC
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BOX 44A
MADRID IA 50156

Science Center of Iowa
4500 Grand Ave, Greenwood Park
Des Moines IA 50312

POLK MUSEUM OF ART
800 E PALMETTO STREET
LAKELAND FL 33801

Planetarium, Junior Museum and
Nature Center of Lee County
3450 Ortiz Ave, P.O. Box 06023
Fort Myers FL 33906

Briggs Nature Center
401 Shell Island Road
Naples FL 33962

APEX/Collections of Life Heritage
135 Auburn Ave., NE
Atlanta GA 30303

HIGH MUSEUM OF ART
1280 PEACHTREE ST NE
ATLANTA GA 30309

EMORY UNIVERSITY MUSEUM
OF ART AND ARCHAEOLOGY
Carlos Hall, 571 Kilgo
Atlanta GA 30322

U.S. ARMY SIGNAL MUSEUM
BUILDING 36301
36TH STREET & 4TH AVENUE
FORT GORDON GA 30905

MUSEUM OF ARTS AND
SCIENCES
4182 Forsyth Rd.
Macon GA 31210

Methodist Museum
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St Simons Island GA 31522

PROVIDENCE CANYON STATE
PARK
Rt. 1, Box 158
Lumpkin GA 31815

WAILOA CENTER
P O BOX 936
HILO HI 96720

US ARMY MUSEUM OF HAWAII
P.O. BOX 8064
HONOLULU HI 96830

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DES MOINES IA 50309

Blank Park Zoo of Des Moines
7401 SW Ninth St.
Des Moines IA 50315

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Capitol Complex
Des Moines IA 50319

SANFORD MUSEUM AND
PLANETARIUM
117 E. Willow St.
Cherokee IA 51012

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MUSEUM OF NATURAL HISTORY
BOX 8096
POCATELLO ID 83209

MUSEUM OF NORTH IDAHO
115 N.W. Blvd.
Coeur d'Alene ID 83814

PALATINE HISTORICAL SOC
P O BOX 134
PALATINE IL 60067

CERNAN EARTH AND SPACE THEATRE
TRITON COLLEGE
2000 NORTH 5TH AVENUE
RIVER GROVE IL 60171

MITCHELL INDIAN MUSEUM
KENDALL COLLEGE
2408 ORRINGTON AVENUE
EVANSTON IL 60201

CHICAGO ZOOLOGICAL PARK
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8400 W. 31st St.
Brookfield IL 60513

Chicago Park District
Garfield & Lincoln Parks
425 E. McFetridge Dr.
Chicago IL 60605

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CHICAGO IL 60605

CHICAGO ACADEMY OF SCIENCES
2001 N CLARK STREET
CHICAGO IL 60614

DAVID & ALFRED SMART GALLERY
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CHICAGO IL 60637

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Freeport IL 61032

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LEE JOHNSON, DIRECTOR
ROCKFORD IL 61103

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Museum
500 Gilbert Street
Charles City IA 50322

SIOUX CITY PUBLIC
MUSEUM
2901 Jackson St.
Sioux City IA 51104

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STANLEY MUSEUM
P.O. BOX 75
STANLEY ID 83278

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P.O. BOX 400
GLENCOE IL 60022

WOOD LIBRARY-
MUSEUM OF ANESTHESIOLOGY
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PARK RIDGE IL 60068

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SOCIETY MUSEUM
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St. Charles IL 60174

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951 CHICAGO AVENUE
OAK PARK IL 60302

MORTON ABORETUM
STERLING MORTON LIBRARY
ROUTE 53
LISLE IL 60532

FIELD MUSEUM OF NATURAL HIST
ROOSEVELT ROAD AT LAKE
SHORE DRIVE
CHICAGO IL 60605

LINCOLN PARK ZOO
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Chicago IL 60614

CHICAGO ARCHITECTURE FDN
1800 SOUTH PRAIRIE AVENUE
CHICAGO IL 60616

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57TH STREET & LAKE SHORE DRIVE
CHICAGO IL 60637

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HISTORIC SITE
908 THIRD STREET, P.O. BOX 333
Galena IL 61036

FRYXELL GEOLOGY MUSEUM
New Science Building, A
Rock Island IL 61201

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IOWA MUSEUM
3219 Hudson Rd.
Cedar Falls IA 50614

CENTRAL COMMUNITY HISTL
SOCIETY OF CLINTON COUNTY
RR 2, BOX 96
DEWITT IA 52742

OWYHEE COUNTY HISTORICAL MUS
MURPHY ID 83650

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CENTER
2821 Ridge Rd.
Highland Park IL 60035

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UNION IL 60180

Plum Creek Nature Center
Rural Route 2
Box 241
Beecher IL 60401

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MICHIGAN AVE. AT ADAMS STREET
CHICAGO IL 60603

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1200 SOUTH LAKE SHORE DRIVE
CHICAGO IL 60605

CHICAGO HISTORICAL SOCIETY
CLARK STREET AT NORTH AVENUE
CHICAGO IL 60614

BALZEKAS MUSEUM OF
LITHUANIAN CULTURE
6500 South Pulaski Rd.
Chicago IL 60629

Gallery 400
University of Illinois
Box 4348
Chicago IL 60680

DISCOVERY CENTER
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ROCKFORD IL 61103

PUTNAM COUNTY HIST SOCIETY
HIGH ST
HENNEPIN IL 61327

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WILLIAM M. STARKEL PLANETARIUM PARKLAND COLLEGE 2400 W. BRADLEY AVENUE CHAMPAIGN IL 61821	KAMPSVILLE ARCHEOLOGICAL MUSEUM P.O. BOX 366 KAMPSVILLE IL 62053	ST. CLAIR COUNTY HISTORICAL SOCIETY 701 E. Washington St. Belleville IL 62220
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Museum of Anthropology University of Kansas Spooner Hall Lawrence KS 66045	Riley County Historical Society and Museum 2309 Claflin Road Manhattan KS 66502	HISTORIC WARD-MEADE PARK 124 N.W. FILLMORE ST Topeka KS 66606

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Greater Baton Rouge Zoo Box 60 BAKER LA 70704	LAURENS HENRY COHN, MEMORIAL PLANT ARBORETUM 12056 Foster Rd. Baton Rouge LA 70811	EMY-LOU BIEDENHARN FOUNDATION 2006 RIVERSIDE DRIVE MONROE LA 71201
Museum of Fashion & Textiles LA Tech. Box 3167 Tech Station Ruston LA 71272	Hodges Garden P.O. Box 921 Many LA 71449	RAUCH MEMORIAL PLANETARIUM UNIVERSITY OF LOUISVILLE LOUISVILLE MO 40292
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SCIENCE MUSEUM
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SPRINGFIELD MA 01103

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DEERFIELD MA 01342

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WORCESTER ART MUSEUM
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WORCESTER MA 01608

Broadmoor Wildlife Sanctuary
280 Eliot Street
So. Natick MA 01760

PEABODY MUSEUM OF SALEM
EAST INDIA SQUARE
SALEM MA 01970

Moose Hill Wildlife Sanctuary
293 Moose Hill Street
Sharon MA 02067

MUSEUM OF SCIENCE
SCIENCE PARK
BOSTON MA 02114

INTSITUTE OF CONTEMPORARY ART
955 BOYLSTON
BOSTON MA 02115

HARVARD UNIVERSITY ART MUSEUMS
32 QUINCY STREET
CAMBRIDGE MA 02138

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265 MASSACHUSETTS AVE
CAMBRIDGE MA 02139

GOLDEN BALL TAVERN
P.O. BOX 223
WESTON MA 02193

AQUARIUM OF THE
NATIONAL MARINE FISHERIES
Water St
Woods Hole MA 02543

Naval Air & Text Evaluation Museum
Naval Air Test Center
Patuxent River MD 20670

BERKSHIRE GARDEN CENTER
ROUTES 102 & 183
STOCKBRIDGE MA 01262

MEMORIAL HALL MUSEUM,
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MEMORIAL ST.
Deerfield MA 01342

OLD STURBRIDGE VILLAGE
STURBRIDGE MA 01566

DANFORTH MUSEUM OF ART
123 UNION AVENUE
FRAMINGHAM MA 01701

DE CORDOVA & DANA MUSEUM
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LINCOLN MA 01773

ESSEX INSTITUTE
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SALEM MA 01970

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BOSTON MA 02110

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Boston MA 02115

JOHN F. KENNEDY LIBRARY-MUSEUM
Columbia Point
Boston MA 02125

MINERALOGICAL MUSEUM OF
HARVARD UNIVERSITY
#24 Oxford St.
Cambridge MA 02138

MUSEUM OF TRANSPORTATION
15 NEWTON ST
BROOKLINE MA 02146

Children's Museum
Museum Wharf
300 Congress Street
Boston MA 02210

NEW ENGLAND FIRE AND
HISTORY MUSEUM
1439 Main St., Rte. 6A
Brewster MA 02631

Chancellor's Point Natural History
St. Mary's City MD 20686

STERLING & FRANCINE CLARK
INSTITUTE OF ART
P.O. BOX 8, 225 SOUTH STREET
WILLIAMSTOWN MA 01267

FORT DEVENS MUSEUM
Building P-5 Antietam S
Fort Devens MA 01433

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CONCORD MUSEUM
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CONCORD MA 01742

HAMMOND CASTLE MUSEUM
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Gloucester MA 01930

SAWIN MEMORIAL BUILDING
DEDHAM ST.
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SOCIETY FOR THE PRESERVATION
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BOSTON MA 02114

ISABELLA STEWART GARDNER MUSEUM
2 PALACE ROAD
BOSTON MA 02115

ARNOLD ARBORETUM OF
HARVARD UNIVERSITY
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PEABODY MUS-ARCHAE/ETHNOLOGY
11 DIVINITY AVENUE
CAMBRIDGE MA 02138

MUS OF OUR NATIONAL HERITAGE
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33 MARRETT ROAD
LEXINGTON MA 02173

JOHN ADAMS & JOHN
QUINCY ADAMS BIRTHPLACE
133-141 Franklin St
Quincy MA 02269

Osterville Historical Society
West Bay and Parker Roads
Box 3
Osterville MA 02655

Planetarium
Howard B. Owens Science Center
9601 Greenbelt Road
Lanham-Seabrook MD 20706

Audubon Naturalist Society Whittell Field Ecology Center 8940 Jones Mill Road Chevy Chase MD 20815	CHESAPEAKE & OHIO CANAL TAVERN MUSEUM 11710 MacArthur Blvd. Potomac MD 20854	CLOISTER CHILDREN'S MUSEUM P.O. BOX 1174 10440 FALLS ROAD BROOKLANDVILL MD 21022
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National Aquarium Pier 3, 501 East Pratt Street Baltimore MD 21202	Sherwood Gardens Stratford Green, Inc. P.O. Box 4679 Baltimore MD 21212	Baltimore Zoo Druid Hill Park Baltimore MD 21217
BALTIMORE MUSEUM OF ART ART MUSEUM DRIVE BALTIMORE MD 21218	BALTIMORE MUSEUM OF INDUSTRY 1415 KEY HIGHWAY BALTIMORE MD 21230	Maryland Science Center 601 Light Street Baltimore MD 21230
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DETROIT INSTITUTE OF ARTS 5200 WOODWARD AVENUE DETROIT MI 48202	CHILDREN'S MUSEUM 67 EAST KIRBY DETROIT MI 48202	DETROIT HISTORICAL MUSEUM 5401 WOODWARD AVENUE DETROIT MI 48202
Anna Scripps Whitcomb Conservatory Belle Isle Park Detroit MI 48207	ROBERT T. LONGWAY PLANETARIUM 1310 E. KEARSLEY ST. FLINT MI 48503	For-Mar Nature Preserve and Arb. 5360 E. Potter Rd. Flint MI 48601
MSU Horticulture Gardens East Lansing MI 48823	MICHIGAN STATE UNIVERSITY WEST CIRCLE DRIVE EAST LANSING MI 48823	ABRAMS PLANETARIUM, MICHIGAN STATE UNIVERSI East Lansing MI 48824
LANSING ART GALLERY 425 S. Grand Ave. Lansing MI 48933	KINGMAN MUSEUM OF NATURAL HISTORY W. Michigan Ave. at 20t Battle Creek MI 49017	Sarett Nature Center 2300 Benton Center Road Benton Harbor MI 49022
BERNARD HISTORICAL SOCIETY AND MUSEUM 7135 W. Delton Rd. Delton MI 49046	NEWAYGO COUNTY SOCIETY P O BOX 68 HISTORY AND GENEALOGY WHITE CLOUD MI 49349	Mason County Historical Society 115 W. Loomis Ludington MI 49431
GRAND RAPIDS ART MUSEUM 155 DIVISION NORTH GRAND RAPIDS MI 49503	GRAND RAPIDS PUBLIC MUSEUM 54 JEFFERSON AVENUE SE GRAND RAPIDS MI 49503	GERALD R FORD MUSEUM 303 Pearl Street, NW GRAND RAPIDS MI 49504

CALVIN COLLEGE CENTER
ART GALLERY
Calvin College
Grand Rapids MI 49506

Carpenter Nature Center
12805 St. Croix Trail S.
Hastings MN 55033

NATURE CENTER OF THE SCIENCE MUSEUM
MINNESOTA
30 EAST 10TH STREET
SAINT PAUL MN 55101

GOLDSTEIN GALLERY
DESIGN, HOUSING AND APPAREL
1985 BUFORD AVENUE
ST. PAUL MN 55108

MINNESOTA LANDSCAPE ARBORETUM
P O BOX 39
CHANHASSEN MN 55317

Minneapolis Planetarium
Friends of the Minneapolis Pub. Library
300 Nicollet Mall
Minneapolis MN 55401

ELOISE BUTLER
WILDFLOWER/BIRD SANCTUARY
3800 BRYANT AVENUE SOUTH
Minneapolis MN 55409

Quarry Hill Nature Center
701 Silver Creek Road NE
Rochester MN 559D1

Nicollet County Historical Society
Box 153
St. Peter MN 56082

MISSOURI BOTANICAL
GARDEN
4344 Shaw Blvd
St. Louis MO 6311D

ST LOUIS SCIENCE CENTER
5050 OAKLAND AVENUE
ST LOUIS MO 63110

Principia School of Nations Museum
13201 Clayton Road
St. Louis MO 63131

NELSON-ATKINS MUSEUM OF ART
4525 OAK STREET
KANSAS CITY MO 64111

KANSAS CITY ZOOLOGICAL
GARDENS
6700 ZOO DRIVE
Kansas City MO 64132

MACKINAC ISLAND STATE
P O BOX 370
PARK COMMISSION
MACKINAC ISLAND MI 49747

OWATONNA ARTS CENTER
435 Dunnell Dr.-West Hi
Owatonna MN 55060

MINNESOTA MUSEUM OF ART
LANDMARK CENTER
FIFTH AT MARKET
ST PAUL MN 55102

Maplewood Nature Center
2659 East 7th
Maplewood MN 55119

MORRISON CTY HISTL SOC
P O BOX 239
LITTLE FALLS MN 55345

WALKER ART CENTER
VINELAND PLACE
MINNEAPOLIS MN 55403

Wood Lake Nature Interpretive Cente
735 Lake Shore Drive
Richfield MN 55423

WABASHA COUNTY MUSEUM
Reads Landing MN 55968

PIPESTONE COUNTY
HISTORICAL MUSEUM
113 S. Hiawatha
Pipestone MN 56164

ST LOUIS ART MUSEUM
FOREST PARK
ST LOUIS MO 63110

MISSOURI HISTORICAL
SOCIETY
Lindell & De Baliviere
St. Louis MO 63112

HARRY S. TRUMAN LIBRARY
MUSEUM
U.S. 24 & Delaware Sts.
Independence MO 64050

TOY AND MINIATURE
MUSEUM OF KANSAS CITY
5235 Oak St.
Kansas City MO 64112

THE GRAND RIVER
HIST SOCIETY & MUSEUM
1401 Forest Dr.
Chillicothe MO 64601

A.E. SEAMAN MINERALOGICAL MUS
MICHIGAN TECHNOLOGICAL UNIV
HOUGHTON MI 49931

MINNESOTA HISTORICAL
SOCIETY
690 Cedar St.
St. Paul MN 551D1

THE CHILDREN'S MUSEUM,
INC.
1217 Bandana Blvd. N.
St. Paul MN 55108

MINNESOTA ZOOLOGICAL
GARDEN
12101 Johnny Cake Ridge
Apple Valley MN 55124

MEEKER COUNTY MUSEUM
308 N. Marshall
Litchfield MN 55355

MINNEAPOLIS INSTITUTE OF ART
2400 THIRD AVENUE SOUTH
MINNEAPOLIS MN 55404

COOK COUNTY MUSEUM
Grand Marais Apartments
Grand Marais MN 556D4

LE SUEUR MUSEUM
325 S. Maple Ave.
Le Center MN 56057

ST LOUIS COUNTY DEPT OF PARKS
AND RECREATION
CLAYTON MO 631D5

ST. LOUIS ZOOLOGICAL
PARK
Forest Park
St. Louis MO 6311D

THE MAGIC HOUSE
516 S KIRKWOOD RD
ST LOUIS MO 63122

HERITAGE PROGRAMS & MUSEUMS
INDEP. SQUARE COURTHOUSE
SUITE 205
INDEPENDENCE MO 64050

KANSAS CITY MUSEUM
3218 GLADSTONE BLVD.
KANSAS CITY MO 64123

Swan Lake National Wildlife Refuge
Box 68
Sumner MO 64681

HENRY COUNTY MUSEUM AND CULTURAL ARTS CENTER 203 W. Franklin St. Clinton	MO 64735	TRI-STATE MINERAL MUSEUM Schifferdecker Park Joplin	MO 64801	NATURE INTERPRETIVE CENTER Bennett Spring State Pa Lebanon	MO 65536
JOSH HALBERT GARDEN 4736 CLINTON BLVD. Jackson	MS 39201	RUSSELL C. DAVIS PLANETARIUM 201 E. PASCAGOULA STREET Jackson	MS 39201	MISSISSIPPI MUSEUM OF NATURAL SCIENCE 111 N. Jefferson St Jackson	MS 39202
JACKSON ZOOLOGICAL PARK 2918 W. Capitol St. Jackson	MS 39209	CROSBY ARBORETUM 3702 HARDY STREET HATTIESBURG	MS 39402	LAUREN ROGERS MUSEUM OF ART BOX 1108 5TH AVE AT 7TH ST LAUREL	MS 39441
JAILHOUSE GALLERY 812 N CENTER HARDIN	MT 59034	YELLOWSTONE CO MUSEUM LOGAN FIELD BOX 959 BILLINGS	MT 59103	CARTER COUNTY MUSEUM Ekalaka	MT 59324
MONTANA HISTORICAL SOCIETY 225 N. Roberts Helena	MT 59620	POWELL COUNTY MUSEUM AND ARTS FOUNDATION 302 Cottonwood Deer Lodge	MT 59722	HOCKADAY CENTER FOR THE ARTS PO BOX 83 2ND AVENUE EAST AT 3RD STREET KALISPELL	MT 59901
OLD SALEM, INC. 600 S. Main St Winston-Salem	NC 27101	NATURE SCIENCE CENTER OF FORSYTH COUNTY INC. MUSEUM DRIVE WINSTON SALEM	NC 27105	Southeastern Center for Contemporary Art 750 Marguerite Dr. Winston-Salem	NC 27106
MUSEUM OF EARLY SOUTHERN P O BOX 10310 DECORATIVE ARTS WINSTON-SALEM	NC 27108	NORTH CAROLINA ZOOLOGICAL PARK Rte. 4, Box 83 Asheboro	NC 27203	ALAMANCE BATTLEGROUND STATE HISTORIC SITE NC. Hwy. 62 Burlington	NC 27215
MATTYE REED AFRICAN 2711 MCCONNELL RD HERITAGE CENTER GREENSBORO	NC 27401	NORTH CAROLINA MUSEUM OF ART 2110 BLUE RIDGE BOULEVARD RALEIGH	NC 27607	NORTH CAROLINA STATE MUSEUM 102 N. Salisbury St. Raleigh	NC 27611
NORTH CAROLINA MUSEUM OF HISTORY 109 E. Jones St. Raleigh	NC 27611	NORTH CAROLINA MUSEUM OF LIFE AND SCIENCE 433 Murray Ave. Durham	NC 27704	Bennett Place 4409 Bennett Memorial Road Durham	NC 27705
NC Central Univ. Mus. of Art P.O. Box 19555 Durham	NC 27707	Historic Bath Box 124 Bath	NC 27808	HISTORIC HALIFAX STATE HISTORIC SITE St. David & Dobb St. Halifax	NC 27839
Cape Hatteras National Seashore Route 1, Box 675 Manteo	NC 27954	NC Aquarium at Roanoke Island P.O. Box 967 Manteo	NC 27954	HISTORIC HOPE FOUNDATION P.O. BOX 601 Windsor	NC 27983
SCHIELE MUSEUM OF NATURAL HISTORY AND PLA P.O. BOX 953 Gastonia	NC 28053	JAMES K. POLK MEMORIAL STATE HISTORIC SITE U.S. Hwy. 521, 1 mile S Pineville	NC 28134	WATERWORKS VISUAL ARTS CENTER 1 WATER STREET SALISBURY	NC 28144
SCIENCE MUSEUMS OF CHARLOTTE 301 NORTH TRYON STREET CHARLOTTE	NC 28202	MINT MUSEUM OF ART 2730 RANDOLPH ROAD CHARLOTTE	NC 28207	USS NORTH CAROLINA BATTLESHIP MEMORIAL P.O. BOX 417 WILMINGTON	NC 28402
NORTH CAROLINA AQUARIUM-FORT FISHER P.O. BOX 130 Kure Beach	NC 28449	NC Aquarium at Pine Knoll Shores Roosevelt Drive Atlantic Beach	NC 28512	TRYON PALACE P O BOX 1007 RESTORATION COMPLEX NEW BERN	NC 28560

WILKES ART GALLERY
800 ELIZABETH STREET
N WILKESBORO NC 28659

World Methodist Museum
P.O. Box 518
Lake Junaluska NC 28745

Audubon National Wildlife Refuge
RR1 BOX 16
Coleharbor ND 58531

FORT ATKINSON STATE
HISTORICAL PARK
Box 240
Fort Calhoun NE 68023

OMAHA CHILDREN'S MUSEUM
551 SOUTH 18TH STREET
OMAHA NE 68102

Gallery of The Dept. of Art & His
University of Nebraska
207 NCW Building
Lincoln NE 68588

OREGON TRAIL MUSEUM
Scotts Bluff Natl. Mmmt
Gering NE 69341

SCIENCE CENTER OF NEW
HAMPSHIRE
Box 173
Holderness NH 03245

MONTCLAIR ART MUSEUM
3 SOUTH MOUNTAIN AVENUE
MONTCLAIR NJ 07042

JERSEY CITY MUSEUM
472 JERSEY AVENUE
JERSEY CITY NJ 07302

MONMOUTH MUSEUM
P.O. BOX 359
LINCROFT NJ 07738

ENVIRONMENTAL EDUCATION
CENTER, SOMERSET COUNTY
190 Lord Stirling Rd.
Basking Ridge NJ 07920

MORRISTOWN NATIONAL HIST PARK
US DEPARTMENT OF THE INTERIOR
WASHINGTON PLACE
MORRISTOWN NJ 07960

JOHN WOOLMAN MEMORIAL
99 Branch St.
Mount Holly NJ 08060

MUSEUM OF THE CHEROKEE
INDIAN
U.S. 441
Cherokee NC 28719

WESTER NC NATURE CENTER
GASHES CREEK ROAD
ASHEVILLE NC 28805

ROOSEVELT PARK ZOO
1215 Burdick Expy. East
Minot ND 58701

AK-SAR-BEN AQUARIUM
21502 W. HWY 31
Gretna NE 68028

ARBOR LODGE STATE
HISTORICAL PARK
Rural Rte. 2
Nebraska City NE 68410

SHELDON MEMORIAL ART GALLERY
UNIV OF NEBRASKA GALLERIES
12TH & R STREETS
LINCOLN NE 68588

CURRIER GALLERY OF ART
192 ORANGE STREET
MANCHESTER NH 03104

MUSEUM AT LOWER SHAKER VILLAGE
BOX 25
ENFIELD NH 03748

TURTLE BACK ZOO
560 NORTHFIELD AVE
WEST ORANGE NJ 07052

Aviation Hall of Fame
Teterboro Airport
Teterboro NJ 07608

MARCH
RD 5 BOX 246 US RT 206
MONTAGUE NJ 07827

Somerset County Park Commission
Barry R. Yinger
R.D. #2, Layton Road
Far Hills NJ 07931

Environmental Study Center
Park Drive and New Freedom Road
Berlin NJ 08009

NOYES MUSEUM
LILY LAKE ROAD
OCEANVILLE NJ 08231

CARL SANDBURG HOME
NATIONAL HISTORIC SITE
P.O. Box 395
Flat Rock NC 28731

STATE HISTORICAL SOCIETY
OF NORTH DAKOTA
NORTH DAKOTA HERITAGE CENTER
BISMARCK ND 58505

Berthold Public School Arboretum
Berthold ND 58718

Joslyn Art Museum
2200 Dodge Street
Omaha NE 68102

STATE MUSEUM OF HISTORY OF
NEBRASKA STATE HISTORICAL SOCIETY
131 No. Centennial Mall
Lincoln NE 68508

PHELPS COUNTY MUSEUM
P. O. BOX 164
Holdrege NE 68949

NEW HAMPSHIRE
ANTIQUARIAN SOCIETY
RFD 3, Box 132
Hophinton NH 03229

STRAWBERRY BANKE, INC.
454 Court St
Portsmouth NH 03801

NEWARK MUSEUM
43-49 WASHINGTON STREET
NEWARK NJ 07102

VAN SAUN PARK ZOO
216 FOREST AVENUE
Paramus NJ 07652

REEVES REED ARBORETUM
165 HOBART AVENUE
SUMMIT NJ 07901

THE MORRIS MUSEUM
NORMANDY HEIGHTS ROAD
MORRISTOWN NJ 07960

Barclay Farmstead
Barclay Lane
P.O. Box 3042
Cherry Hill NJ 08034

Stony Brook-Millstone
Watersheds Association
RD #1, Box 263-A
Pennington NJ 08534

NEW JERSEY STATE MUSEUM 205 WEST STATE STREET TRENTON NJ 08625	Santo Domingo Tribal Cultural Cente Box 159 Santo Domingo Pueblo NM 87052	ALBUQUERQUE MUSEUM P. O. BOX 1293 ALBUQUERQUE NM 87103
MAXWELL MUSEUM OF ANTHROPOLOGY University & Ash, N.E. Albuquerque NM 87131	MUSEUM OF SOUTHWESTERN BIOLOGY Univ. of New Mexico, Bi Albuquerque NM 87131	NEW MEXICO MUSEUM OF NAT HIST PO BOX 7010 ALBUQUERQUE NM 87194
Chaco Canyon National Monument Star Route 4, Box 6500 Bloomfield NM 87413	MUSEUM OF NEW MEXICO PO BOX 2087 SANTA FE NM 87504	BANDELIER NATIONAL MONUMENT Los Alamos NM 87544
STABLES ART CENTER OF THE TAOS ART ASSOCIATION 133 PASEO DEL PUEBLO NOVTE Taos NM 87571	NEW MEXICO STATE UNIVERSITY BOX 3564 LAS CRUCES NM 88003	Las Cruces Museum of Natural Histor P.O. Box Drawer CLC Las Cruces NM 88004
SPRING RIVER PARK AND ZOO College & Atkinson Stre Roswell NM 88201	LIVING DESERT STATE PARK P.O. Box 100 Carlsbad NM 88220	ALAMEDA PARK ZOO 511 TENTH ST. Alamogordo NM 88310
Reed Whipple Cultural Center 821 Las Vegas Boulevard North Las Vegas NV 89101	CHURCHILL COUNTY MUSEUM AND ARCHIVE 1050 S. MAINE STREET FALLON NV 89406	STATUE OF LIBERTY NATIONAL MONUMENT Liberty Island New York NY 10004
New Museum of Contemporary Art 583 Broadway New York NY 10012	Pierpont Morgan Library 29 East 36th Street New York NY 10016	THE NEW YORK PUBLIC LIBRARY & MUSEUM OF THE PERFORMING ARTS 5th Ave. & 42nd St. New York NY 10018
MUSEUM OF MODERN ART 11 WEST 53RD STREET NEW YORK NY 10019	WHITNEY MUSEUM OF AMERICAN ART 945 MADISON AVENUE NEW YORK NY 10021	CENTRAL PARK CHILDREN'S ZOO 830 5th Ave. New York NY 10021
THE FRICK COLLECTION 1 EAST 70TH STREET NEW YORK NY 10021	ASIA SOCIETY GALLERIES 725 PARK AVENUE NEW YORK NY 10021	Sculpture Center 167 East 69th Street New York NY 10021
PELHAM ART CENTER 155 FIFTH AVENUE Pelham NY 10023	NEW YORK HISTORICAL SOCIETY 170 CENTRAL PARK WEST NEW YORK NY 10024	AMERICAN MUS OF NATURAL HIST CENTRAL PARK W. AT 79TH ST. NEW YORK NY 10024
Black Fashion Museum 157 W. 126th St. New York NY 10027	METROPOLITAN MUSEUM OF ART 5TH AVENUE AT 82ND STREET NEW YORK NY 10028	COOPER HEWITT MUSEUM 2 EAST 91ST STREET THE SMITHSONIAN INSTITUTION NEW YORK NY 10028
EL MUSEO DEL BARRIO 1230 Fifth Ave. New York NY 10029	MUSEUM OF THE CITY OF NEW YORK Fifth Ave. at 103rd St. New York NY 10029	MUSEUM OF THE AMERICAN INDIAN BROADWAY AT 155TH STREET NEW YORK NY 10032
AMERICAN NUMISMATIC SOCIETY BROADWAY & 155TH STREET NEW YORK NY 10032	THE SCHOMBURG CENTER FOR RESEARCH IN BLACK CULTURE The New York Public Lib New York NY 10037	NATIONAL ACADEMY OF DESIGN 1083 5TH AVENUE NEW YORK NY 10128
SOLOMON R GUGGENHEIM MUSEUM 1071 FIFTH AVENUE NEW YORK NY 10128	JEWISH MUSEUM 1109 FIFTH AVENUE NEW YORK NY 10128	INTERNATIONAL CENTER OF PHOTOGRAPHY 1130 FIFTH AVE, NEW YORK NY 10128

MUSEUM OF STATEN ISLAND 75 STUYVESANT PLACE STATEN ISLAND NY 10301	STATEN ISLDN HISTL SOCIETY 441 CLARKE AVE RICHMONDTOWN RESTORATION STATEN ISLAND NY 10301	SNUG HARBOR CULTURAL CENTER 1000 RICHMOND TERRQCE STATEN ISLAND NY 10301
GARIBALDI AND MEUCCI MUSEUM 420 TOMPKINS AVE. SUITE 321-N STATEN ISLAND NY 10305	JACQUES MARCHAIS CENTER OF TIBETAN ART, INC PO BOX 198 STATEN ISLAND NY 10306	BRONX MUSEUM OF THE ARTS 1040 GRAND CONCOURSE BRONX NY 10456
New York Botanical Garden 200th Street and Southern Blvd. Bronx NY 10458	NEW YORK ZOOLOGICAL PARK Bronx River Parkway Bronx NY 10460	WAVE HILL 675 WEST 252ND STREET BRONX NY 10471
BOSCOBEL RESTORATION ROUTE 9D GARRISON NY 10524	CARAMOOR HOUSE MUSEUM BOX R Katonah NY 10536	PACE UNIVERSITY NATURAL HISTORY MUS 861 BEDFORD ROAD Pleasantville NY 10570
POUND RIDGE MUSEUM PO BOX 1718 POUND RIDGE NY 10576	RYE NATURE CENTER 873 BOSTON POST ROAD RYE NY 10580	HISTORIC HUDSON VALLEY 150 WHITE PLAINS ROAD Tarrytown NY 10591
STORM KING ART CENTER OLD PLEASANT HILL ROAD MOUNTAINVILLE NY 10953	THE BROOKLYN CHILDREN'S MUSEUM 145 Brooklyn Ave. Brooklyn NY 11213	NEW YORK AQUARIUM Boardwalk and West 8th Brooklyn NY 11224
BROOKLYN BOTANIC GARDEN 1000 WASHINGTON AVENUE BROOKLYN NY 11225	BROOKLYN MUSEUM 200 EASTERN PARKWAY BROOKLYN NY 11238	NEW YORK HALL OF SCIENCE 47-01 111th St. Corona NY 11368
C.W. POST ART GALLERY HILLWOOD COMMONS GREENVALE NY 11548	The Whaling Museum P.O. Box 25 Cold Springs Harbor NY 11724	Tackapausha Museum and Preserve Washington Avenue Seaford NY 11783
ENVIRONMENTAL CENTERS OF SETAUKET-SMITHTOWN P.O. BOX 257 SMITHTOWN NY 11787	MUSEUMS AT STONY BROOK 1208 ROUTE 25-A STONY BROOK NY 11790	COMMUNITY MUSEUM AT WEST ISLIP 90 HIGBIE LANE WEST ISLIP NY 11795
MULFORD FARM 10 James Lane East Hampton NY 11937	PARRISH ART MUSEUM 25 JOB'S LANE SOUTHAMPTON NY 11968	EXHIBIT CENTER-SCIENCE MUSEUM Brookhaven National Lab Upton NY 11973
SARATOGA COUNTY MUSEUM "BROOKSIDE" BALLSTON SPA NY 12020	GEORGE LANDIS ARBORETUM LAPE ROAD BOX 186 ESPERANCE NY 12066	RENSSELAER COUNTY JUNIOR MUSEUM 282 Fifth Ave. Troy NY 12182
ALBANY INSTITUTE OF HIST & ART 125 WASHINGTON AVENUE ALBANY NY 12210	NEW YORK STATE MUSEUM Cultural Education Cent Albany NY 12230	SCOTIA-GLENVILLE CHILDREN'S MUSEUM 102 NORTH BALLSTON AVE Scotia NY 12302
SCHENECTADY MUSEUM AND PLANETARIUM Nott Terrace Heights Schenectady NY 12308	DURHAM CENTER MUSEUM, INC. Star Rt. 1 Box 28 East Durham NY 12423	Kleinert Arts Center Woodstock Guild 34-B Tinker Street Woodstock NY 12498
VANDERBILT MANSION NATIONAL HISTORIC SITE 249 ALBANY POST ROAD Hyde Park NY 12538	DUTCHESS COUNTY HISTORICAL SOC P.O. BOX 88 POUGHKEEPSIE NY 12602	ADIRONDACK MUSEUM BLUE MTN LAKE NY 12812

National Dance Museum
South Broadway
Saratoga Springs NY 12866

SIX NATIONS INDIAN
MUSEUM
Onchiota NY 12968

THOUSAND ISLAND CRAFT SCHOOL
AND TEXTILE MUSEUM
314 JOHN STREET
CLAYTON NY 1318

Burnet Park Zoo
500 Burnet Park Dr.
Syracuse NY 13204

NATIONAL BASEBALL HALL OF FAME
AND MUSEUM, INC
P.O. BOX 590
COOPERSTOWN NY 13326

LITTLE FALLS HISTORICAL
MUSEUM
319 S. Ann St.
Little Falls NY 13365

Children's Museum
311 Main Street
Utica NY 13501

ROLAND GIBSON COLLEGE
State University College
Potsdam NY 13676

ALBRIGHT-KNOX ART GALLERY
1285 ELMWOOD AVENUE
BUFFALO NY 14222

TOWER FINE ARTS GALLERY
SUNY BROCKPORT
BROCKPORT NY 14420

HISTORIC PALMYRA, INC.
PO BOX 96
122 WILLIAM ST
PALMYRA NY 14522

INTERNATIONAL MUSEUM OF PHOTOGRAPHY
GEORGE EASTMAN HOUSE
900 EAST AVE
ROCHESTER NY 14607

ROCKWELL MUSEUM
BARON STEUBEN PLACE
CEDAR ST AT DENISON PKWY.
CORNING NY 14830

FAYETTE CTY HISTL SOC
517 COLUMBUS AVE
WASHINGTON CTHOUSE OH 43160

ADIRONDACK CENTER MUSEUM
Church Street
Elizabethtown NY 12932

CAYUGA MUSEUM
203 GENESEE ST.
Auburn NY 13021

EVERSON MUSEUM OF ART
401 HARRISON STREET
SYRACUSE NY 13202

EMERSON GALLERY
HAMILTON COLLEGE
CLINTON NY 13323

NEW YORK STATE HIST ASSN
PO BOX 800
COOPERSTOWN NY 13326

LEWIS COUNTY HISTORICAL SOC
GOULD MANSION
BOX 306
LYONS FALLS NY 13368

ST. LAWRENCE COUNTY
MUSEUM
3 East Main
Canton NY 13617

Roberson Ctr. for Arts & Sciences
30 Front Street
Binghamton NY 13905

Whitworth Ferguson Planetarium
State University college at Buffalo
1300 Elmwood Avenue
Buffalo NY 14222

Sonnenberg Gardens
P. O. Box 663
Canandaigua NY 14424

MEMORIAL ART GALLERY
500 UNIVERSITY AVENUE
ROCHESTER NY 14607

Seneca Park Zoo
2222 St. Paul St.
Rochester NY 14621

CORNING MUSEUM OF GLASS
CORNING NY 14830

ORTON GEOLOGICAL
MUSEUM, OHIO STATE UNIV
155 S. Oval Mall
Columbus OH 43210

JOHN BROWN FARM ESTATE
HISTORIC SITE
John Brown Rd.
Lake Placid NY 12946

RICE CREEK FIELD STATION
SUNY COLLEGE AT OSWEGO
OSWEGO NY 13126

DISCOVERY CTR OF SCI & TECHNGY
321 S CLINTON STREET
SYRACUSE NY 13202

CONSTABLE HALL ASSOCIATION
JOHN STREET
CONSTABLEVILLE NY 13325

Florence Jones Reineman Wildlife
Sanctuary
R.D. #1, Belden Corners Road
Dolgeville NY 13329

UTICA ZOO
STEEL HILL ROAD
UTICA NY 13501

FREDERIC REMINGTON ART MUSEUM
303 WASHINGTON STREET
OGDENSBURG NY 13669

BUFFALO MUSEUM OF SCIENCE
HUMBOLDT PARK
BUFFALO NY 14211

SCHOELLKOPF GEOLOGICAL
MUSEUM
Prospect Park
Niagara Falls NY 14303

ANTIQUE WIRELESS ASSOCIATION
MAIN STREET
HOLCOMB NY 14469

STRONG MUSEUM
1 MANHATTAN SQUARE
ROCHESTER NY 14607

ALLEGANY COUNTY MUSEUM
11 Wells St.
Belmont NY 14813

PALEONTOLOGICAL
RESEARCH INSTITUTION
1259 Trumansburg Rd.
Ithaca NY 14850

OHIO'S CENTER OF SCIENCE AND
INDUSTRY OF THE FRANKLIN
280 E. Broad St.
Columbus OH 43215

RUTHERFORD B HAYES PRESIDENTIAL CENTER SPIEGLE GROVE FREMONT	OH 43420	TOLEDO ZOOLOGICAL GARDENS 2700 Broadway Toledo	OH 43609	TOLEDO MUSEUM OF ART BOX 1013 2445 MONROE STREET TOLEDO	OH 43697
ZANESVILLE ART CENTER 620 MILITARY ROAD ZANESVILLE	OH 43701	GUERNSEY COUNTY MUSEUM 218 North 8th St. Cambridge	OH 43725	CLEVELAND MUSEUM OF ART 11150 EAST BOULEVARD CLEVELAND	OH 44106
CLEVELAND CHILDREN'S MUSEUM 10730 Euclid Ave. Cleveland	OH 44106	CLEVELAND MUSEUM OF NAT'L HIST WADE OVAL, UNIVERSITY CIRCLE CLEVELAND	OH 44106	Cleveland Metroparks Zoological Par 3900 Brookside Park Dr. Cleveland	OH 44109
NASA LEWIS RESEARCH CENTER 21000 Brookpark Rd. MS Cleveland	OH 44135	LAKE ERIE NATURE AND SCIENCE CENTER 28728 Wolf Rd. Bay Village	OH 44140	CLEVELAND METROPARKS SYSTEM DEPT OF NATURAL RESOURCES 4101 Fulton Parkway Cleveland	OH 44144
BEDFORD MUSEUM P.O. BOX 46282 Bedford	OH 44146	AKRON ZOOLOGICAL PARK 500 EDGEWOOD AVENUE AKRON	OH 44307	WESTERN RESERVE VILLAGE P O BOX 27 MAHONING COUNTY CANFIELD	OH 44406
Stark Campus Gallery Kent State University 6000 Frank Ave., N.W. Canton	OH 44720	SENECA COUNTY MUSEUM 28 CLAY STREET TIFFIN	OH 44883	CINCINNATI ART MUSEUM EDEN PARK CINCINNATI	OH 45202
CINCINNATI MUS OF NAT'L HIST 1720 GILBERT AVENUE CINCINNATI	OH 45202	Cincinnati Zoo & Botanical Garden 3400 Vine St. Cincinnati	OH 45220	Tangeman Fine Art Gallery University of Cincinnati Mail Location #15 Cincinnati	OH 45221
Spring Grove Cemetery & Arboretum 4521 Spring Grove Avenue Cincinnati	OH 45232	THE MONTGOMERY COUNTY HISTORICAL SOCIETY 7 North Main St. Dayton	OH 45402	DAYTON ART INSTITUTE FOREST & RIVERVIEW AVES DAYTON	OH 45405
DAYTON MUS OF NATURAL HISTORY 2629 RIDGE AVENUE DAYTON	OH 45414	SERPENT MOUND MUSEUM 3850 State Rte. 73 Peebles	OH 45660	MEIGS COUNTY MUSEUM 144 Butternut Ave. Pomeroy	OH 45769
SOUTHERN PLAINS INDIAN MUSEUM AND CRAFTS CENTER P O BOX 749 ANADARKO	OK 73005	OKLAHOMA MUSEUM OF NATURAL HISTORY 1335 Asp Avenue Norman	OK 73019	CENTRAL STATE UNIVERSITY MUSEUM OF ART EDMOND	OK 73034
STATE CAPTIAL PUBLISHING 301 W HARRISON MUSEUM GUTHRIE	OK 73044	OKLAHOMA HERITAGE ASSN 201 NW 14TH ST OKLAHOMA CITY	OK 73103	STATE MUSEUM/OKLAHOMA HIST SOC HISTORICAL BUILDING OKLAHOMA CITY	OK 73105
NAT'L COWBOY HALL OF FAME AND WESTERN HERITAGE CENTER 1700 NE 63rd Street Oklahoma City	OK 73111	OKLAHOMA CITY ZOO 2101 NORTH 50TH ST OKLAHOMA CITY	OK 73111	MUSEUM OF THE WESTERN PRAIRIE 1100 North Hightower Altus	OK 73521
STEPHENS COUNTY HISTORICAL MUSEUM Hwy. 81 and Beach Duncan	OK 73533	Washita National Wildlife Refuge Route 1, Box 68 Butler	OK 73625	PAWNEE BILL MUSEUM P.O. Box 163 Pawnee	OK 74058
GARDINER ART GALLERY Oklahoma State University Stillwater	OK 74078	OKLAHOMA STATE UNIVERSITY MUSEUM OF NA Oklahoma State University Stillwater	OK 74078	TULSA ZOOLOGICAL PARK 5701 E 36TH STREET, N. TULSA	OK 74115

THE PHILBROOK MUSEUM OF ART P O BOX 52510 TULSA	OK 74152	CLACKMAS COUNTY HIST SOCIETY 211 TUMWATER P O BOX 294 OREGON CITY	OR 97045	CONTEMPORARY CRAFT GALLERY 3934 S.W. Corbett Avenue Portland	OR 97201
PORTLAND CHILDREN'S MUSEUM 3037 SW SECOND AVENUE PORTLAND	OR 97201	PORTLAND ART MUSEUM 1219 SW PARK AVENUE PORTLAND	OR 97205	OREGON HISTORICAL SOC 1230 SW PARK AVE PORTLAND	OR 97205
Washington Park Zoo 4001 SW Canyon Rd. Portland	OR 97221	OREGON MUS OF SCIENCE & INDUST 4015 SW CANYON ROAD PORTLAND	OR 97221	HORNER MUSEUM OREGON STATE UNIVERSITY CORVALLIS	OR 97331
MUSEUM OF NATURAL HISTORY 1680 E. 15TH AVENUE EUGENE	OR 97403	JACKSONVILLE MUSEUM OF SOUTHERN OREGON HISTORY P.O. 480 JACKSONVILLE	OR 97530	Umatilla National Wildlife Refuge P.O. Box 239 Umatilla	OR 97882
OLD ECONOMY VILLAGE 14TH AND CHURCH STREETS AMBRIDGE	PA 15033	THE PITTSBURGH ZOO P.O. BOX 5250 Pittsburgh	PA 15206	PITTSBURGH CHILDREN'S MUSEUM Old Post Office-Alleghe Pittsburgh	PA 15212
Buhl Science Center Allegheny Square Pittsburgh	PA 15212	Carnegie Museum of Art 4400 Forbes Boulevard Pittsburgh	PA 15213	THE CARNEGIE 4400 Forbes Ave. Pittsburgh	PA 15213
CARNEGIE MUSEUM OF NATURAL HISTORY 4400 Forbes Ave. Pittsburgh	PA 15213	FALLINGWATER POST OFFICE MILL RUN	PA 15464	SPRINGS HISTORICAL SOC OF THE CASSELMAN VALLEY SPRINGS	PA 15562
HOYT INSTITUTE OF FINE ARTS 124 EAST LEASURE AVENUE NEW CASTLE	PA 16105	Crawford County Historical Society 848 North Main Street Meadville	PA 16335	Asbury Woods Nature Center 4105 Asbury Road Erie	PA 16506
CORNWALL IRON FURNACE PO BOX 251 CORNWALL	PA 17016	THE STATE MUSEUM OF PENNSYLVANIA P.O. BOX 1026 Harrisburg	PA 17108	MUSEUM OF SCIENTIFIC DISCOVERY P O BOX 934 STAWBERRY SQUARE HARRISBURG	PA 17108
FT LOUDON HISTL SOCIETY P O BOX 181 FORT LOUDON	PA 17224	GETTYSBURG NATIONAL MILITARY PARK Taneytown Road GETTYSBURG	PA 17325	THE NATIONAL ASSN. OF WATCH & CLOCK COLLECTOR 514 Poplar St. Columbia	PA 17512
Planetarium Franklin and Marshall College North Museum Lancaster	PA 17604	LYCOMING COUNTY HIST MUSEUM 858 W. FOURTH STREET WILLIAMSPORT	PA 17701	LITTLE LEAGUE BASEBALL MUSEUM PO BOX 3485 WILLIAMSPORT	PA 17701
CANAL MUSEUM HUGH MOORE PARK 200 S DELAWARE/P.O. BOX 877 EASTON	PA 18044	THE FRANK MARTIN GALLERY Muhlenberg College 2400 Chew Street Allentown	PA 18104	ALLENTOWN ART MUSEUM P.O. BOX 117 ALLENTOWN	PA 18105
Slovak Museum & Archives 82S. Main Street Old Forge	PA 18518	LOWER MERION HISTL SOC P O BOX 51 ARDMORE	PA 19003	PENNSYLVANIA WATERSHED ASSOCIATION 2955 Edge Hill Road Huntington Valley	PA 19006
Henry Foundation for Botanical Research P.O. Box 7, 801 Stony Lane Gladwyne	PA 19035	PHILADELPHIA MUSEUM OF ART P O BOX 7646 PHILADELPHIA	PA 19101	THE PENNSYLVANIA ACADEMY OF THE FINE ART Broad and Cherry Sts Philadelphia	PA 19102

PLEASE TOUCH MUSEUM 210 N 21ST STREET PHILADELPHIA	PA 19103	THE PRINT CLUB 1614 Latimer St. Philadelphia	PA 19103	ACADEMY OF NATURAL SCIENCES NINETEENTH & PARKWAY PHILADELPHIA	PA 19103
FRANKLIN INSTITUTE 20TH ST & PARKWAY PHILADELPHIA	PA 19103	PHILADELPHIA ZOOLOGICAL GARDEN 34th St. and Girard Ave Philadelphia	PA 19104	THE UNIVERSITY MUSEUM OF ARCHAEOLOGY AND ANTHROPOLOGY 33RD & SPRUCE STREET PHILADELPHIA	PA 19104
INDEPENDENCE NATIONAL HISTORICAL PARK 313 Walnut St. Philadelphia	PA 19106	PHILADELPHIA MARITIME MUSEUM 321 CHESTNUT STREET PHILADELPHIA	PA 19106	MUSEUM OF THE PHILADELPHIA CIVIC CENT Delaware Ave. at Walnut Philadelphia	PA 19106
Firemans Hall 149 N. 2nd Street Philadelphia	PA 19106	HISTORICAL SOCIETY OF PENNSYLVANIA 1300 Locust St. Philadelphia	PA 19107	WOODMERE ART MUSEUM, INC 9201 GERMANTOWN AVENUE PHILADELPHIA	PA 19118
WAGNER FREE INSTITUTE OF SCIENCE 17th St. and Montgomery Philadelphia	PA 19121	Schuylkill Valley Nature Center 8480 Hagy's Mill Road Philadelphia	PA 19128	AMERICAN SWEDISH HIST MUSEUM 1900 PATTISONA VE PHILADELPHIA	PA 19145
MUMMERS MUSEUM 2 STREET AT WASHINGTON AVE Philadelphia	PA 19147	BRANDYWINE RIVER MUSEUM PO BOX 141 CHADDS FORD	PA 19317	Longwood Gardens P.O. BOX 501 Kennett Square	PA 19348
CHESTER COUNTY HISTORICAL SOC 225 NORTH HIGH STREET WEST CHESTER	PA 19380	DIBES CEREMONIAL CENTER P.O. BOX 1709 PONCE	PR 00733	MUSEO DE HISTORIA Y ARTE FACULTAD DE HUMANIDADES RECINTO DE RIO PIEDRAS RIO PIEDRAS	PR 00931
CONTEMPORARY ART MUSEUM OF PR P.O. BOX 2377 HATO REY	PR 00936	HAFFENREFFER MUSEUM OF ANTHROPOLOGY BROWN UNIVERSITY Mt. Hope Grant Bristol	RI 02809	PRESERVATN SOC OF NEWPORT CNTY 118 MILL STREET NEWPORT	RI 02840
CHILDREN'S MUSEUM OF RHODE ISLAND 58 Walcott Street Pawtucket	RI 02860	WARWICK MUSEUM 3259 POST ROAD WARWICK	RI 02886	MUSEUM OF ART RHODE ISLAND SCHOOL OF DESIGN 224 BENEFIT ST. PROVIDENCE	RI 02903
ROGER WILLIAMS PARK ZOO Elmwood Ave. Providence	RI 02905	Bannister Gallery Rhode Island College/Art Center 600 Mt. Pleasant Avenue Providence	RI 02908	BELL GALLERY, LIST ART CENTER BROWN UNIVERSITY 64 COLLEGE STREET PROVIDENCE	RI 02912
LEXINGTON COUNTY MUSEUM 230 Fox St. Lexington	SC 29072	I.P. Stanback Museum and Planetarium S.C. State College, Box 1824 Orangeburg	SC 29117	COLUMBIA MUSEUM OF ART 1112 BULL STREET COLUMBIA	SC 29201
THE UNIVERSITY OF SOUTH CAROLINA MCKISSICK MUSEUM Columbia	SC 29208	GIBBES MUSEUM OF ART 135 MEETING STREET CHARLESTON	SC 29401	CHARLESTON MUSEUM 360 MEETING STREET CHARLESTON	SC 29403
Animal Forest Charles Towne Landing 1500 Old Towne Road Charleston	SC 29407	BROWNTOWN MUSEUM, HISTORY AND GENEEOLOGY Hwy. 341, b/n Johnsonvi Hemingway	SC 29554	GREENVILLE CNTY MUSEUM OF ART 420 COLLEGE STREET GREENVILLE	SC 29601
Caesar's Head St. Park 8155 Geer Highway Cleveland	SC 29635	NINETY-SIX NATIONAL HISTORIC SITE P.O BOX 496 Ninety-Six	SC 29666	Anderson County Museum P.O. Box 565 Pendleton	SC 29670

Carricks Creek Nature Center Table Rock State Park Route 3 Pickens SC 29671	PARRIS ISLAND MUSEUM BEAUFORT SC 29905	Beaver Creek Nature Center Palisades State Park Garretson SD 57030
SHRINE TO MUSIC MUSEUM 414 E CLARK STREET VERMILLION SD 57069	GREAT PLAINS ZOO & MUSEUM 805 S. Kiwanis Ave. Sioux Falls SD 57104	KAMPESKA HERITAGE MUSEUM 27 First Ave. SE Watertown SD 57201
FRIENDS-MIDDLE BORDER MUSEUM 1331 S DUFF ST, PO BOX 1071 MITCHELL SD 57301	KLEIN MUSEUM 1820 W. Grand Crossing, Mobridge SD 57601	Harry V. Johnson Amer. Indian Cul. CHEYENNE RIVER SIOUX INDIAN RESERV PO BOX 590 Eagle Butte SD 57625
Sioux Indian Museum and Crafts 515 West Blvd. P.O. Box 1504 Rapid City SD 57701	MAMMOTH SITE OF HOT SPRINGS, INC. Nineteenth St. & Evanst Hot Springs SD 57747	MOUNT RUSHMORE NATIONAL MEMORIAL Keystone SD 57751
THE HERITAGE CENTER INC. Red Cloud Indian School Pine Ridge SD 57770	Oaklands Mansion N. Maney Ave. Murfreesboro TN 37130	WORLD O'TOOLS MUSEUM Rte. 1 Box 180 Waverly TN 37185
CUMBERLAND MUSEUM & SCIENCE 800 RIDLEY AVENUE NASHVILLE TN 37203	COUNTRY MUSIC FOUNDATION 4 MUSIC SQUARE EAST NASHVILLE TN 37203	TENNESSEE STATE MUSEUM 505 DEADERICK, LEVEL B NASHVILLE TN 37219
Tennessee Valley Authority Energy C 1101 Market Street, MR 2S 75C Chattanooga TN 37402	CHATTANOOGA NATURE CENTER 400 GARDEN ROAD CHATTANOOGA TN 37409	Trial Gardens University of Tennessee Neyland Drive Knoxville TN 37996
CHUCALISSA MUSEUM 1987 INDIAN VILLAGE DRIVE MEMPHIS TN 38109	MEMPHIS PINK PALACE MUSEUM 3050 CENTRAL AVE MEMPHIS TN 38111	MEMPHIS ZOO AND AQUARIUM 2000 Galloway St. Memphis TN 38112
NATIONAL ORNAMENTAL METAL MUS 374 W CALIFORNIA MEMPHIS TN 38113	THE UNIVERSITY GALLERY DEPARTMENT OF ART MEMPHIS STATE UNIVERSITY Memphis TN 38152	CARROLL COUNTY HISTL SOC GOV GORDON BROWNING MUSEUM 141 N Broadway MCKENZIE TN 38201
PINSON MOUNDS STATE ARCHAEOLOGICAL AREA Ozier Rd. Pinson TN 38366	SILENT WINGS MUSEUM P.O. BOX 775 TERRELL TX 75160	DALLAS MUSEUM OF ART 1717 N HARWOOD DALLAS TX 75201
Dallas Zoo 621 E. Clarendon Dr. Dallas TX 75203	Southwest Museum of Science P. O. Box 11158 Dallas TX 75223	DALLAS MUS OF NATURAL HISTORY P.O. BOX 26193 FAIR PARK STATION DALLAS TX 75226
Dallas Aquarium P.O. BOX 26113 Dallas TX 75226	THE SAM RAYBURN LIBRARY 800 W. Sam Rayburn Dr. Bonham TX 75418	THE DEPOT MUSEUM 514 N. High St. Henderson TX 75652
Caldwell Zoo Box 428 Tyler TX 75710	THE MUSEUM OF EAST TEXAS 503 N. Second St. Lufkin TX 75901	AMON CARTER MUS OF WESTERN ART PO BOX 2365, 3501 CAMP BOWIE BLVD FT. WORTH TX 76113
WICHITA FALLS MUSEUM # 2 EUREKA CIRCLE WICHITA FALLS TX 76308	SPJST LIBRARY ARCHIVES MUS P.O. BOX 100 Temple TX 76501	HIGHLANDS MANSION Hwy. 147 East (Groesbec Marlin TX 76661

CENTRAL TEXAS ZOO Rte. 10, Box 173E Waco TX 76708	MASON COUNTY MUSEUM Box 303 Mason TX 76856	Fort Concho 213 East Avenue D San Angelo TX 76903
HARRIS CTY HERITAGE & CONSERV 1100 BAGBY HOUSTON TX 77002	CONTEMPORARY ARTS MUSEUM 5216 MONTROSE BLVD HOUSTON TX 77006	Children's Museum of Houston 3201 Allen Parkway Houston TX 77019
Museum of Printing History 1324 West Clay Houston TX 77019	LYNDON B. JOHNSON SPACE CENTER NASA Houston TX 77058	HOUSTON POLICE MUSEUM 17000 ALDINE WESTFIELD HOUSTON TX 77073
MUSEUM OF FINE ARTS, HOUSTON P O BOX 6826 1001 BISSONNET HOUSTON TX 77265	WALLER CO HISTL SOC P O BOX 336 BROOKSHIRE TX 77423	EL CAMPO MUSEUM SOCIETY PO BOX 23 EL CAMPO TX 77437
BRAZOSPORT MUSEUM OF NATURAL SCIENCE 400 College Dr. Brazosport TX 77566	STARK MUSEUM OF ART P O BOX 1897 ORANGE TX 77630	Elaine Eitel Dollhouse Museum 2133 12th Street Port Neches TX 77651
TEXANA MUSEUM & LIBRARY ASSN P.O. BOX 401 EDNA TX 77957	AGRICULTURAL HERITAGE CENTER P O BOX 1076 BOERNE TX 78006	Museum of Handmade Furniture 1370 Church Hill Drive New Braunfels TX 78130
THE UNIVERSITY OF TEXAS INSTITUTE OF TEXAN CULT 801 S. Bowie at Durango San Antonio TX 78205	San Antonio Zool. Gardens & Aquariu 3903 N. St. Mary's St. San Antonio TX 78212	SAN ANTONIO MUSEUM OF ART 200 West Jones Ave. San Antonio TX 78215
Museum of Oriental Cultures 418 PEOPLES ST SUITE 200 Corpus Christi TX 78401	Center for the Arts Corpus Christi State Univer. 6300 Ocean Drive Corpus Christi TX 78412	MCALLEN INTERNATIONAL MUSEUM 1900 NOLANA MCALLEN TX 78504
RIO GRANDE VALLEY MUSEUM BOXWOOD ST., INDUSTRIAL AIRPARK Harlingen TX 78550	Weslaco Bicultural Museum P. O. Box 8062 Weslaco TX 78596	AUSTIN CHILDREN'S MUSEUM 1501 W 5TH STREET AUSTIN TX 78703
LYNDON BAINES JOHNSON LIBRARY 2313 RED RIVER AUSTIN TX 78703	TEXAS MEMORIAL MUSEUM 2400 TRINITY AUSTIN TX 78705	Austin Nature Center 301 NATURE CENTER DR. Austin TX 78746
LAGUNA GLORIA ART MUSEUM P.O. BOX 5568 AUSTIN TX 78763	DALLAM-HARTLEY HISTORICAL ASSN XIT MUSEUM BOX 664 DALHART TX 79022	CARSON CO SQUARE HOUSE MUSEUM BOX 276 PANHANDLE TX 79068
MUSEUM OF THE PLAINS P.O. BOX 623, HWY 83N PERRYTON TX 79070	LLANO ESTACADO MUSEUM Wayland University Plainview TX 79072	Fire Hall Museum 116 North Main Crowell TX 79227
Science Spectrum 5025-J 50th ST. Lubbock TX 79414	NEILL MUSEUM PO BOX 1034 7th & Court Fort Davis TX 79734	FORT DAVIS NATIONAL HISTORIC SITE Box 1456 Fort Davis TX 79734
ANNIE RIGGS MUSEUM 301 S MAIN FORT STOCKTON TX 79735	INSIGHTS-EL PASO SCIENCE CTR 303 N. OREGON STREET EL PASO TX 79901	EL PASO MUSEUM OF ART 1211 MONTANA EL PASO TX 79902

EL PASO ZOO PARK Evergreen & Paisano El Paso TX 79905	Red Canyon Visitor Center Ashley National Forest Flaming Gorge National Recreation Area Dutch John UT 84023	Dinosaur Natural History Museum 235 East Main Street Vernal UT 84078
THE CHILDREN'S MUSEUM OF UTAH 840 N. 300 West Salt Lake City UT 84103	HOGLE ZOOLOGICAL GARDEN 2600 E. Sunnywide Ave. Salt Lake City UT 84108	HANSEN PLANETARIUM 15 SOUTH STATE STREET SALT LAKE CTY UT 84111
MUSEUM OF CHURCH HISTORY AND ART 45 N.W. Temple St. Salt Lake City UT 84150	BRIGHAM CITY MUSEUM-GALLERY 24 N. 300 W. Brigham City UT 84302	Eccles Community Art Center 2580 Jefferson Avenue Ogden UT 84401
UNION STATION MUSEUM OGDEN CITY HALL 2501 WALL AVENUE, ROOM 212 OGDEN UT 84401	MUSEUM OF PEOPLES AND CULTURES BRIGHAM YOUNG UNIV ROOM 700 SWKT PROVO UT 84602	EARTH SCIENCE MUSEUM DEPT. OF GEOLOGY BRIGHAM YOUNG UNIVERISTY PROVO UT 84602
MONTE L. BEAN LIFE SCIENCE MUSEUM 290 MLBM Bldg., Brigham Provo UT 84602	TERRITORIAL STATEHOUSE ST PARK P.O. BOX 657 FILLMORE UT 84631	WALNEY VISITOR CENTER-AT ELLANOR C. LA 5040 Walney Rd. Chantilly VA 22021
OATLANDS PLANTATION RT 2 BOX 352 LEESBURG VA 22075	MT VERNON LADIES ASSN OF THE UNION MOUNT VERNON VA 22121	Hidden Pond Park and Nature Center 8511 Greeley Boulevard Springfield VA 22152
COLLINGWOOD LIBRARY AND MUSEUM ON AMERICANISM 8301 East Boulevard Dr. Alexandria VA 22308	Belmont The Gari Melchers Memorial Gallery 224 Washington St. Falmouth VA 22401	James Monroe Museum and Library 908 Charles St. Fredericksburg VA 22401
New Market Battlefield Park P.O. Box 1864 New Market VA 22844	SECOND STREET GALLERY 201 2nd St. N.W. Charlottesville VA 22901	MONTICELLO, HOME OF THOMAS JEFFERSON P.O. Box 316 Charlottesville VA 22902
University of Virginia Thomas H. Bayly Memorial Building Rugby Road Charlottesville VA 22904	THE VIRGINIA DISCOVERY MUSEUM PO BOX 5763 CHARLOTTESVILLE VA 22905	NORTH ANNA VISITOR'S CENTER Box 402 Rte 700 Mineral VA 23117
LORA ROBINS GALLERY UNIVERSITY OF RICHMOND RICHMOND VA 23173	COLONIAL WILLIAMSBURG Goodwin Building Williamsburg VA 23185	RICHMOND CHILDREN'S MUSEUM 740 North Sixth St. Richmond VA 23219
VALENTINE MUSEUM 1015 EAST CLAY STREET RICHMOND VA 23219	THE MUSEUM OF THE CONFEDERACY 1201 E. Clay St. Richmond VA 23219	MAYMONT FOUNDATION 1700 HAMPTON STREET RICHMOND VA 23220
VIRGINIA MUSEUM OF FINE ARTS P O BOX 7260 RICHMOND VA 23221	Richmond National Battlefield Park 3215 East Broad Street Richmond VA 23223	MEADOW FARM MUSEUM COUNTY OF HENRICO RICHMOND VA 23273
CHESAPEAKE PLANETARIUM 300 Cedar Rd. Chesapeake VA 23320	ISLE OF WIGHT COUNTY MUSEUM 103 MAIN STREET SMITHFIELD VA 23430	VIRGINIA ZOOLOGICAL PARK 3500 Granby St. Norfolk VA 23504
Temple Sinai Biblical Garden 11620 Warwick Blvd. Newport News VA 23601	PENINSULA FINE ARTS CENTER Museum Drive Newport News VA 23606	THE MARINER'S MUSEUM 100 MUSEUM DRIVE NEWPORT NEWS VA 23606

FARMERS BANK
19 Bollingbrook St.
Petersburg VA 23803

MAGNOLIA GRANGE
P.O. BOX 40
CHESTERFIELD VA 23832

WAKEFIELD FOUNDATION, INC.
100 WILSON AVENUE
WAKEFIELD VA 23888

ROANOKE VALLEY
HISTORICAL SOCIETY
1 Market Square
Roanoke VA 24011

VIRGINIA MUSEUM OF TRANSPORTATION
303 NORFOLK AVE SW
ROANOKE VA 24011

SCIENCE MUS OF WESTERN VA
1 MARKET SQUARE
CENTER IN THE SQUARE
ROANOKE VA 24011

VIRGINIA MUS OF NATURAL HIST
1001 DOUGLAS AVENUE
MARTINSVILLE VA 24115

FLOSSIE MARTIN GALLERY
Adams & Norwood Sts.
Radford VA 24142

VMI MUSEUM
VIRGINIA MILITARY INSTITUTE
LEXINGTON VA 24450

GEORGE C MARSHALL MUSEUM & LIB
P O BOX 1600
LEXINGTON VA 24450

PITTSYLVANIA COUNTY
SCHOOLS' PLANETARIUM
37 Pruden St., SE
Chatham VA 24531

MONTSHIRE MUSEUM OF SCIENCE
P.O. BOX 770
NORWICH VT 05055

BILLINGS FARM MUSEUM
BOX 489
RIVER ROAD AND ROUTE 12
WOODSTOCK VT 05091

HILDENE
P.O. BOX 377
ROUTE 7A
MANCHESTER VT 05254

Brattleboro Museum
P.O. Box 662
Old Railroad Station
Brattleboro VT 05301

ESSEX COMMUNITY MUSEUM SOCIETY
DISCOVERY MUSEUM
51 PARK STREET
ESSEX JUNCTION VT 05452

HELEN DAY ART CENTER
PO BOX 411
STOWE VT 05672

THE CHRISTIAN A JOHNSON
MEMORIAL GALLERY
MIDDLEBURY COLLEGE
MIDDLEBURY VT 05753

FAIRBANKS MUSEUM & PLANETARIUM
MAIN & PROSPECT STREETS
ST JOHNSBURY VT 05819

Marymoor Museum
P.O. Box 162
Redmond WA 98052

Seattle Aquarium
Pier 59, Waterfront Park
Seattle WA 98101

WOODLAND PARK ZOOLOGICAL GARD
5500 PHINNEY AVE
SEATTLE WA 98103

King County Arts Commission
1115 SMITH TOWER
506 SECOND AVE.
Seattle WA 98104

PACIFIC SCIENCE CENTER
200 SECOND AVENUE NORTH
SEATTLE WA 98109

SEATTLE ART MUSEUM
VOLUNTEER PARK
1400 E. PROSPECT
SEATTLE WA 98112

MUSEUM OF HISTORY & INDUSTRY
2700 24TH AVE E
SEATTLE WA 98112

THOMAS BURKE MEMORIAL MUSEUM
UNIVERSITY OF WASHINGTON
SEATTLE WA 98195

EZRA MEEKER HISTL SOC INC
P O BOX 103
PUYALLUP WA 98371

STEILACOOM HISTORICAL MUS ASSC
P.O. BOX 88016
STEILACOOM WA 98388

Point Defiance Park and Zoo
5402 N. Shirley Ave.
Tacoma WA 98407

JAMES R SLATER MUS OF NAT HIS
UNIV OF PUGET SOUND
TACOMA WA 98416

FORT LEWIS MILITARY MUSEUM
BLDG 4320
FORT LEWIS WA 98433

WASHINGTON STATE CAPITAL MUS
211 WEST 21ST AVENUE
OLYMPIA WA 98501

PACIFIC COUNTY HISTORICAL SOC.
1008 WEST SOUTH BEND DRIVE
SOUTH BEND WA 98586

GOLDENDALE OBSERVATORY
1602 Observatory Dr.
Goldendale WA 98620

GALLERY '76
1300 5th St.
Wenatchee WA 98801

Olmstead Place
Washington State Parks
Route 5, Box 2580
Ellensburg WA 98926

YAKIMA NATION MUSEUM
P.O. BOX 511
Toppenish WA 98948

MUSEUM OF NATIVE AMER. CULTURE
E. 200 CATALDO
SPOKANE WA 99202

EASTERN WASHINGTON STATE HIST
CHENEY COWLES MEMORIAL MUSEUM
W 2316 FIRST AVE
SPOKANE WA 99204

SHEEHAN GALLERY
WHITMAN COLLEGE
345 BOYER AVENUE
WALLA WALLA WA 99362

Old World Wisconsin
5103 W37890 Highway 67
Eagle WI 53119

Todd Wehr Nature Center in Whitnall
9701 W. College Ave
Franklin WI 53132

MILWAUKEE COUNTY
ZOOLOGICAL GARDENS
10001 W. Bluemound Rd.
Milwaukee WI 53226

Hoard Museum
407 Merchants Avenue
Fort Atkinson WI 53538

OLBRICH GARDENS
3330 Atwood Ave.
Madison WI 53704

ROLLO JAMISON MUSEUM
405 E. Main St.
Platteville WI 53818

STURGEON BAY MARINE
MUSEUM
Point
Foot of Florida St.
Sturgeon Bay WI 54235

CABLE NATURAL HISTORY
MUSEUM INC.
County Hwy. M & Randyse
Cable WI 54821

HUNTINGTON MUSEUM OF ART
PARK HILLS
HUNTINGTON WV 25701

Core Arboretum
West Virginia University
Monongahela Blvd-Rt. 7
Weston WV 26452

MILWAUKEE ART MUSEUM
750 NORTH LINCOLN MEMORIAL
MILWAUKEE WI 53202

MILWAUKEE PUBLIC MUSEUM
800 WEST WELLS STREET
MILWAUKEE WI 53233

MADISON CHILDREN'S MUSEUM
1 N BEDFORD STREET
MADISON WI 53703

ELVEHJEM MUSEUM OF ART
800 UNIVERSITY AVENUE
MADISON WI 53706

INTERNATIONAL CRANE
CITY VIEW ROAD
BARABOO WI 53913

MUSEUM OF NATURAL HISTORY
UNIVERSITY OF WISCONSIN
STEVENS POINT WI 54481

Dard Hunter Paper Museum
Institute of Paper Science & Tech
P.O BOX 1039
Appleton WI 54912

Youth Museum of Southern West
Virginia
P.O. Box 1815
Beckley WV 25801

BUFFALO BILL HISTORICAL CENTER
BOX 1000
CODY WY 82414

MITCHELL PARK
CONSERVATORY
524 S. Layton Blvd.
Milwaukee WI 53215

WUSTUM MUSEUM ART ASSOCIATION
2519 NORTHWESTERN AVENUE
RACINE WI 53404

STATE HISTORICAL MUSEUM
30 North Carroll St.
Madison WI 53703

Henry Vilas Zoo
702 S. Randall Ave.
Madison WI 53715

Devil's Lake State Park
Route 4, Box 36
Baraboo WI 53913

Planetarium
University of Wisconsin at Stevens
Department of Physics and Astronomy
Stevens Point WI 54481

WEST VIRGINIA STATE MUSEUM
CULTURE & HISTORY
CAPITOL COMPLEX
CHARLESTON WV 25305

Stifel Art Center
Ogelbay Institute
1330 National Road
Wheeling WV 26003

FORT CASPAR MUSEUM
4001 FORT CASPAR ROAD
CASPER WY 82601

APPENDIX C

COPIES OF FOLLOW-UP LETTERS AND PHONE MATERIALS

First Follow-up Letter



American
Association
of
Museums

June, 1989

Dear Colleague:

You have recently received a national survey on American museums from AAM through their contractor, Prospect Associates of Rockville, Maryland. I am writing to encourage you to give the survey your immediate attention.

The American Association of Museums with the support of the Institute of Museum Services, the National Endowment for the Arts, and the National Endowment for the Humanities has hired Prospect to conduct this field-wide survey of American museums, the first of its kind in 10 years.

The survey establishes AAM's ongoing effort to collect, analyze and disseminate comprehensive information about American museums. Both a report on the field and the data itself will be available to you in late 1989.

You have been selected to participate in the survey as a member of a valid random sample of 2,000 museums drawn from a universe of over 10,000 institutions. We know that the completion of the survey will require your commitment of valuable staff time to the effort. The National Steering Committee has included only those questions which will provide essential field-wide information. Our ongoing efforts will build on and update this information to reduce the time needed for survey response by each museum participating in the sample.

The establishment and maintenance of an accurate up-to-date data base on museums will not only meet our national needs but will also serve other agencies, museum associations, the research community, the general public, and most importantly, you the museum professional.

To be able to report valid and reliable information the AAM needs participation from every institution selected in the sample.

I encourage you to complete the questionnaire at your earliest convenience. This survey and AAM's ongoing effort to collect, analyze and disseminate information about museums in this country will benefit all of us. Thank you for your support.

Sincerely,

Edward H. Able, Jr.
Executive Director

1225 Eye Street
Northwest
Washington DC
20005

Telephone
(202) 289-1818

Second Follow-up Letter



American
Association
of
Museums

August 14, 1989

1989 MUSEUM SURVEY DUE BACK BY SEPTEMBER 20, 1989

Dear Colleague:

A few weeks ago, you received a national survey on America's museums from the American Association of Museums through our contractor, Prospect Associates of Rockville, Maryland. The survey was a six-part, salmon and white questionnaire. I am writing to encourage you to fill out the survey.

The AAM, with the support of the Institute of Museum Services, the National Endowment for the Arts, and the National Endowment for the Humanities is conducting this field-wide survey, the first of its kind in 10 years. The survey establishes AAM's ongoing effort to collect, analyze and disseminate comprehensive information about America's museums.

Your museum is one of 2100 randomly selected museums drawn from a universe of over 10,000 institutions. We know that completion of the survey may be difficult and will require your commitment of valuable staff time. To be able to report valid and reliable information, the AAM needs participation from every institution selected in the sample. No matter what your institution's size, it represents a unique group of institutions in the universe of museums that we need to have included in the results.

The National Steering Committee included only those questions which will provide essential field-wide information. The establishment and maintenance of an accurate, up-to-date data base on museums will not only meet our needs but will serve other agencies, museum associations, the research community, the general public, and most importantly, you the museum professional.

If you did not receive the questionnaire or if you have any questions or problems, please call (collect) Cynthia Lampkin of Prospect Associates at 468-6555. Thank you for your support in this important project.

Sincerely,

Edward H. Able, Jr.
Executive Director

P.S. If your completed questionnaire is received by August 31, you will be entered into the drawing for a free trip to AAM's annual convention in Chicago in May 1990. Details are on the yellow insert that came with your questionnaire.

1225 Eye Street
Northwest
Washington DC
20005

Telephone
(202) 289-1818

Version Two of Second
Follow-up Letter



American
Association
of
Museums

September 26, 1989

Dear Colleague:

In August your institution should have received a copy of the enclosed questionnaire, **The 1989 Survey of Museums**. This survey launches AAM's on-going effort to collect, analyze, and disseminate accurate, up-to-date information about America's museums. The data base that will result from the survey will not only meet our needs, but will serve other agencies, museum associations, the general public, and most importantly, you the museum professional. We have enclosed another copy in case you have lost, misplaced or never received the previous copy.

Your museum is one of 2100 randomly selected museums drawn from a universe of over 10,000 institutions. We know that completion of the survey may be difficult and will require your commitment of valuable staff time. However, I want to encourage you to complete and return the questionnaire. Without your participation, the information we can provide to museums from the survey will not be complete. Your museum was selected to represent a number of others in a unique group of museums. While the questionnaire may appear long, if you examine it more closely you will see that some parts of the questionnaire may not apply to you. In addition, Section A of the questionnaire allows you to determine whether you need to complete the remaining sections.

Please take a look at it today. If you have any questions or if you remain unconvinced of your importance to the survey results, please call (collect) Cynthia Lampkin of Prospect Associates at 301-468-6555. Thank you for your support in this important project.

Sincerely,

Edward H. Able, Jr.
Executive Director

Please return questionnaire by October 23, 1989.

1225 Eye Street
Northwest
Washington DC
20005

Telephone
(202) 289-1818

Letter Sent with Package
One Week Before Call



American
Association
of
Museums

Museum Data Collection Program

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Director, Museum Assessment
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American Association of
Museums
Field Coordinator
Patricia E. Williams
Director, Accreditation Program
American Association of
Museums
Project Administrator
Alma Gates
Executive Assistant
American Association of
Museums

January 16, 1990

Dear Colleague:

Last August your institution should have received a copy of the enclosed questionnaire, the 1989 Survey of Museums. Your institution is one of 2100 randomly selected museums (or museum-like institutions) from a universe of over 10,000 U.S. museums. We know that completion of the survey may be difficult, but your participation is critical to our getting a complete and accurate picture of U.S. museums.

To facilitate completion of the questionnaire, we will contact you by telephone to collect selected critical information. We have sent a copy of the full questionnaire AND a list of the critical items to which we need a response. Please review these items and record your responses on the questionnaire. Someone from Prospect Associates, our data collection organization, will call you within the next week to ask you for your response. This call should take about 10 minutes.

Please note that several of the critical items may necessitate reviewing your records. We would like as accurate information as possible. However, if you are unable to review or do not have the appropriate records, your best estimate will suffice.

Please take a look at the questionnaire today, especially the front page of Section A to determine if you need to proceed further. If you have any questions, please call Cynthia Lampkin of Prospect Associates at 800-229-3179. Thank you for your support in this important project.

Most Sincerely,

Monnie Peters
Project Manager

1225 Eye Street
Northwest
Washington DC
20005

Telephone
(202) 289-1818

Information and Talking Points about the Survey

Importance of data from small and medium museums

Each small and medium museum chosen represents at least one other and up to about 20 other museums of its size, type, region. Responses from these smaller museums are crucial to fully represent the smaller museum community in the final results. There were complaints about the 1979 survey that the small museum was under-represented. With a high response rate from small museums we will not encounter that problem.

Importance of data from large museums

Because of its size, type, and regional location, this museum holds a unique and significant position in the museum community. While we can substitute and make non-response adjustments for smaller museums, we can not substitute for this "large" institution. Non-response will have a significant impact on the quality and reliability of the survey results, particularly the data on museums of the type that this institution is (art, history, science, zoo, general) and its geographic location. The results will understate the true picture without this institution's response. In essence, this museum is "irreplaceable".

Use of the Survey's results

The results of the survey will give the first accurate national picture of museums in 10 years and will enable AAM and the museum community to influence national legislation and funding for museum institutions. The information will help AAM and others increase public awareness of the issues facing museums both on a national and on regional and state levels. Museums will be able to compare themselves with peer institutions to get information for planning, for lobbying on the local level and for seeking funding from public and private sources.

Coding on Listing sheets

The ID number tells the type and size (as our universe indicates) of each museum/institution. These designations we know are incorrect for some institutions. The sampling procedure allows for errors in the universe.

The ID number is 2 numbers, one letter, 4 numbers:

	TYPE	SIZE		RANDOM NUMBER
<u>Types:</u>				
01	Zoo		07	Natural History
02	Botanical Garden/ Arboretum		08	Nature Center/Park
03	Art Museum/Center		09	Science Technology Center/Museum
04	Children's		10	Specialized Museum
05	General		11	Aquarium
06	History museum/ Historic site/bldg		12	Planetarium

Sizes (based on budget size, varies according to discipline):

L	Large	(over \$1M, \$3M, or \$5M)
M	Medium	
S	Small	(under \$500K, \$300K or \$250K)

Sequence of events

mid June to End of July	First mailing of questionnaire
August and Early Sept	Follow-up letters
October 31	Deadline to return questionnaire

If a museum has lost/misplaced/thrown out its questionnaire...

Please call either Cynthia Lampkin at Prospect Associates (301-468-6555) or Monnie Peters (202-363-3049) to have another mailed out to the museum. Please get the proper contact name AND a correct address. A correct phone number will help also.

What to find out from this institution

If they have completed some, but not all, of the sections, urge them to finish the entire questionnaire. There are critical data items in each section. If they have at least 4 sections completed, but have not finished or are waiting for photos or director signature, they should return what they have completed. We can edit and key that data while waiting for the other sections.

As noted throughout the questionnaire, Cynthia Lampkin (301-468-6555 collect) or other project staff are available and are pleased to answer questions when problems arise in completing the questionnaire.

Deadline

We have extended our "final-final" deadline until December 15. However, use your judgement when you give them a deadline. You should probably say about December 1st, and push to get them to commit to as early a date as possible.

Refusals/"Too hard, too long"

If they absolutely refuse (because of time, staff commitments, or whatever), ask if they would be willing to complete the 25 items on the questionnaire that are the most critical. If we get these items, we can consider the questionnaire a "response". An attached page lists the 25 items. There are many more questions that are simple "yes and no" questions that they should be able to fill out on first reading. Estimates are acceptable in this questionnaire. For us, an answer that is "in the ball park" is far better than no answer at all!

Completed Questionnaires

If they have already sent their questionnaire back, find out approximately when it was sent and thank them!

THANK YOU FOR HELPING US!!!