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Choosing the Future

Appendix



Smithsonian Institution

Five-Year Prospectus ♦ Fiscal Years 1991 – 1995

Table of Contents

Introduction	1
Collections Related Research	2
Definition of Program Categories	22
Projected Operating Expenses by Bureau	27
Research	28
Museums	41
Public Service	61
International Activities	70
Award Programs	71
External Affairs	74
Business Activities	78
Institutional Initiatives	85
Central Management	86
Specialized Administrative and Technical Offices	87
Facilities Services	88
Repair and Restoration of Buildings and Federal Construction	89
Summary	90
Miscellaneous	91
National Museum of American History	93
National Museum of Natural History	95
Smithsonian Institution Building	97
Arts & Industries Building	99
American Art/Portrait Gallery	101
National Air & Space Museum	103
Renwick Gallery	105
Freer Gallery of Art	107
Silver Hill Facility	109
Smithsonian Environmental Research Center	111
Hirshhorn Museum & Sculpture Garden	113
Anacostia Museum	115
Smithsonian Tropical Research Institute	117
Smithsonian Astrophysical Observatory	119
Cooper-Hewitt, National Museum of Design	121
Quadrangle	123
Museum Support Center	125
Other Projects	127
Organization Chart of the Smithsonian	129

Introduction

The *Prospectus* articulates the Institution's broad purpose, its immediate and general course of direction, and its resource requirements. This Appendix is a supplement to the Institution's *Prospectus*. It contains the following sections:

- examples of ongoing and planned collections related research;
- descriptions of program categories used in developing resource projections;
- projections of operating expenses for each bureau and office by program and by source of funding; and
- projections of repair and restoration projects by building.

The *Prospectus* contains the Smithsonian's operating program plans for fiscal years 1991 through 1995, and longer term plans for construction. It includes the Institution's statements of purpose, goals, and areas of emphasis, along with specific descriptions of initiatives the Institution will pursue during the next five years.

The projections of operating expenses in the Appendix constitute the "bottom-up" part of planning, in that the bureaus and offices determine their projected resource needs as they appear in this document. The projections in the *Prospectus*, by contrast, represent the Institutional estimates of resource requirements.

The *Prospectus* and the Appendix are prepared annually for the approval of the Institution's Board of Regents. The *Prospectus* should be read along with the Institution's annual report, *Smithsonian Year*.

Collections-Related Research

Traditionally, the Smithsonian's collections have stimulated much of the Institution's research. This inspiration continues, and this appendix briefly describes some of these research activities. A fiscal year 1983 inventory highlighted, for Smithsonian and other researchers, the variety, range, and depth of the collections and the potential information they contain. This inventory and several recent improvements combine to make the Institution an even more productive environment for collections-based research. Some of the recent improvements are: the establishment of research and conservation laboratories and curatorial areas at the Museum Support Center; the provision of additional internships and fellowships; the upgrading and replacement of research equipment; and the growing importance of the Institution's international functions. The strength of the Institution's collections, the depth of the Institution's support, and the keenness of the staff's research interests will ensure the continued quality and intensity of the Smithsonian's future collections research.

Archives of American Art

The Archives of American Art is the major national repository of primary source materials for the study of art in the United States. Its vast collections of visual and written documentation serve as the basis for research in American art and cultural history. The primary users of the Archives' holdings are the thousands of scholars, students, journalists, collectors, and others who come to the Archives each year or who study the Archives' collections on microfilm at six regional offices and through interlibrary loan.

Staff research concentrates in three areas: research to locate documents for acquisition; research to analyze and describe the holdings of the Archives and to make them more accessible to all potential users; and research that results in symposia, exhibitions, and publications.

Among recent projects Archives staff have undertaken is an exhibition in the New York Regional Center of selected documents from recent acquisitions including the papers of the painters Arthur Dove and Joseph Stella, the architect Marcel Breuer, the Milch Gallery, and the noted scholar, Katharine Kuh. Another exhibition of documents from the papers of Walter Pach, influential art historian and critic who played a central role in assembling the 1913 Armory Show, opened in the fall 1989. The Archives has prepared and microfilmed a guide to the Pach collection making the material available for research use.

Recently published works Archives staff have prepared include a booklet on the papers of African-American artists in the collections and

guides to art-related archival resources in Chicago and Philadelphia for the study of art history. The staff based these guides on three-year surveys in each city. Upcoming publications include an illustrated book of the papers presented in the Archives' symposium at the Art Institute of Chicago on the coming of modernism to that city, a guide to French material in the Archives' collections, and a guide to archival resources for the study of art history in New York City.

Special and continuing research projects include the documentation of Asian-American artists and of the history of the development of Southern California into a world renowned art center. In addition, the Archives has undertaken refining the collections catalogue and converting from a manual to an automated system and expects to be online in a national database network by 1991, providing easy access for researchers in libraries across the country.

Arthur M. Sackler Gallery

Research is the fundamental focus of the Arthur M. Sackler Gallery, providing the basis for exhibitions, publications, and collections acquisitions. The gallery also provides additional research for public use through collection research records and educational activities. Lectures by members of the Freer and Sackler galleries staff include topics of current research; additional lectures by nonstaff include topics related to Asian art and culture. Publications include not only exhibition catalogs, but free gallery guides, papers, and articles, and children and teachers' guides. The research program involves both visiting scholars as well as the curatorial staff.

Current research is progressing in the following areas. In the area of Near Eastern art, the staff is conducting research on twentieth-century collectors of Islamic art. Current research in the area of Indian art includes the study of Mughal gardens and garden architecture of the sixteenth to seventeenth centuries. Research on Yokohama prints will result in an exhibition catalogue of significant new materials. The works of the twentieth century Chinese artist, Chang Dai-chien, is a major research project that will result in an unprecedented exhibition of these works at the Sackler Gallery. Research on Chinese gardens is ongoing.

An extensive exhibition program in the new building displayed the initial Sackler gift together with other major objects on loan from the private collection of Dr. Arthur M. Sackler. The inaugural exhibitions included *In Praise of Ancestors: Ritual Objects from China*, *Monsters, Myths, and Minerals*, *Pavilions and Immortal Mountains: Chinese Decorative Art and Painting*, *Nomads and Nobility: Art from the Ancient Near East*, *Persian and Indian Paintings: Selections from a Recent Acquisition*, *Temple Sculptures of South and Southeast Asia*, and *Chinese Buddhist and Daoist Imagery*.

Subsequent to the inaugural exhibitions, of which several remain on display, the gallery opened new exhibitions. These included *Terracottas from South India*, *Chinese Scholar's Studio*, the museum's first traveling exhibition, *The Art of India, Recent Japanese Acquisitions*, *A Jeweler's Eye: Islamic Arts of the Book from the Vever Collection*, *Photographs of Afghanistan*, *Timur and the Princely Vision: Persian Art and Culture in the Fifteenth Century*, and *Yani: The Brush of Innocence*.

Future exhibitions include those originated by the gallery to travel to other museums and institutions, as well as other museums' collections traveling to the Sackler Gallery. Upcoming exhibitions include *The Noble Path: Buddhist Art from South Asia and Tibet*, *India Along the Ganges: Photographs by Raghubir Singh*, *Ancient Chinese Bronzes and Jades*, *Yokohama Prints*, *Paintings by Chang Dai-chien*, *Selections from the Vever Collection*, *Indonesian Court Arts* and *Mughal Gardens*. Under consideration for subsequent exhibitions are Sasanian metalwork, Chinese furniture, Near Eastern ceramics, Far Eastern ceramics, and Chinese sculpture, and Japanese painting and sculpture. When feasible, research catalogs will accompany these exhibitions.

The gallery's publications program includes a quarterly magazine, *Asian Art*, intended for the general public, although it will most likely contain the results of most recent research. This publication, produced in cooperation with Oxford University Press, has color plates and informative text relating to various research activities, the permanent collection, recent acquisitions, and special exhibitions. Specific research projects generate exhibitions, exhibition catalogues, and lectures at the Gallery. The Sackler provides free brochures and gallery guides in the exhibition galleries.

Following the long practice of the Freer Gallery, the Sackler conservation effort includes object research to understand this origin and therefore better develop the proper treatment of them. Expansion of the conservation facilities in a renovated Freer building will accommodate the requirements of the Sackler programs. The staff of the Conservation Lab has concentrated on particular items for future exhibitions such as Buddhist and Tibetan sculpture and Indonesian court arts. Additionally, staff prepared research of dynastic Egyptian glass and eastern Mediterranean glass of the Hellenistic and Roman periods for glass and glaze research on the Freer collection and the Gellatly glass in the Sackler collections. Conservation in field archaeology included a site in Turkey at the Gordion Archaeological Mission sponsored by the University of Pennsylvania. Research for a book on the materials, structural aspects, techniques and deterioration mechanisms of East Asian paintings is another project of the Technical Laboratory staff.

The Conservation Analytical Laboratory (CAL) conducts the preservation, technical study, and analysis of museum objects and related materials. Hence, most research at CAL is by its very nature collections-oriented and, to a large extent, collection-based.

Studies in conservation science, as well as in conservation-treatment technology, concentrate upon problems encountered by conservators in caring for objects in the Smithsonian's and other museums' collections. Often, therefore, these studies involve the use of actual collection items as research materials. For example, the program of research in the conservation of photographic materials--a rather new endeavor which should develop appreciably over this five-year period--began as a direct result of an Institutional survey of Smithsonian photographic collections and their preservation problems. The first project will focus on preservation problems of collodion-glass negatives and objects from the National Portrait Gallery's collections will be the basis of this study. A major new research program anticipated to develop over the next five years, focusing on problems related to the preservation of natural history specimens, will directly affect and derive from the collections of the National Museum of Natural History. Similarly, a recently completed study on a newly developed cleaning technique for marble statuary depended on the treatment of objects from various Smithsonian collections for the testing of its efficiency. Even when the research does not directly involve the use of actual objects from the collections, the results still will have a direct impact on the care which they will receive in museums. For example, the study of the effects of various fumigants on museum objects will probably affect maintenance programs in Smithsonian museums, and studies on mechanical properties of lining adhesives and backing materials will generate considerable findings of immediate relevance to the painting conservators in various Smithsonian museums. As such knowledge is, of course, equally of interest to museum professionals outside the Institution, CAL distributes the results of the research to as wide an audience as appropriate, through publication in professional journals and presentations at professional conferences.

Technical and analytic studies often involve Smithsonian collection items. For example, the systematic studies of works by Albert P. Ryder and Thomas W. Dewing are joint programs with the staff of the National Museum of American Art and concentrate upon paintings by these artists from the collection of this museum. Similarly, technological and analytical studies of archaeological materials often utilize objects from Smithsonian collections such as the National Museum of Natural History or the Sackler Gallery as well as materials from collections outside the Smithsonian.

Cooper-Hewitt, National Museum of Design

The Cooper-Hewitt, National Museum of Design has more than one hundred sixty-seven thousand items in its permanent collections. The museum schedules ten to twelve special exhibitions annually, and these often stimulate research on the permanent collections. Exhibitions provide the museum's staff the opportunity to display collection objects and to publish information curatorial research developed. Future special exhibitions will reflect the results of research on the museum's extensive holdings of jewelry concentrating on the nineteenth century and including Renaissance Revival designs from Guiliano Castellani; the twentieth-century graphic designer/illustrator E. McKnight-Kauffer, particularly noted for his posters featuring the British Rail and American Airlines and for stage and costume designs; and innovative textiles of the last decade, with special attention to surface effects and color, new fibers, dye techniques, and the effects of lighting on textile surfaces. Longer-range planning involves an exhibition on the origin and development of the Cooper-Hewitt's collections. As illustrated in the museum's collections, the staff continues to research the theme of domestic refinement for a complex series of exhibitions and programs focusing on the theme of *Home: A Place in the World*, organized in cooperation with five other New York City museums and the New School for Social Research.

Additionally, research proceeds in the Textiles Department on large holdings of works produced between 1900-1940. The staff continues to search historical literature for documentation to identify many of these previously uncredited works. Periodically, the Curator of Textiles offers a special course in textile structures analysis for an invited group of professional colleagues from across the country. Cooper-Hewitt collection materials provide the working materials for the course, as they do for many of the courses offered in the museum's accredited graduate study program in the history of decorative arts, jointly administered by Parsons School of Design. In the Drawings and Prints Department, research continues on a recent acquisition of a collection of 1,488 documents of textile and wallcovering designs, from the Wiener Werkstatte Archive. This vast collection is unique in the United States, and only the holdings of the Museum fur Angewandte Kunst in Vienna, with which Cooper-Hewitt is coordinating its studies, match the Cooper Hewitt's acquisition. Research is also underway on the furniture designs of the late Donald Deskey. The museum's Deskey Archive, acquired over several years as a generous gift from the designer himself, includes nearly 2,400 drawings and blueprints, as well as artifacts. The Cooper-Hewitt has important industrial design archives, including a new gift of materials by Gilbert Rohde. The archives are a constant resource for research on various projects. In the Decorative Arts Department, another acquisition-related area of investigations is the Henry and Ludmilla Shapiro Collection of Soviet porcelains. A major acquisition in 1989, this collection is unique in the United States and comprises over 250 examples of tablewares and figural porcelains made from the time of the Russian Revolution to the present, thus providing an

exceptionally complete survey of propagandistic ceramics made and promoted in the Soviet Union. Research continues on the Metzberg Cutlery Collection of European cutlery and tableware spanning the sixteenth through nineteenth centuries.

Freer Gallery of Art

The results of curatorial research on the collections in the Freer Gallery of Art are most visible in exhibitions. However, the gallery also makes research available to the public through collection research records, free gallery leaflets, public lectures and in published papers, articles, and catalogs, including *Ars Orientalis*, an Asian art scholarly journal which the University of Michigan and the Freer Gallery produce jointly. Although the Freer closed to the public in the fall of 1988, research on the collections continues. After extensive renovation, enlarging the collection storage areas, the conservation laboratory, and the exhibition galleries, and constructing a tunnel to the Sackler Gallery, the Freer plans to reopen in 1992. Research during this interim period will result in entirely new exhibitions for the reopening.

Specific areas of current research in Japanese art include painting from the Heian to Edo periods and calligraphy.

In the field of Chinese art, research continues on Chinese calligraphy and paintings of the Sung, Yuan, Ming, and Ch'ing dynasties. Research on the Che School will result in an exhibition of paintings after the Freer reopens. An article and a lecture published results of research on Chinese lacquers. Research on Tuan-fang and John C. Ferguson will result in papers for a lecture series.

In 1973 the Freer published a catalog, *Chinese Figure Painting*. This is the only scholarly study in this field, and the catalog has been out of print for eleven years. Revision of this original text for publication has necessitated a comprehensive review of all literature on that subject during the past fifteen years. The Freer will republish the catalog before reopening the gallery.

In the field of Indian art, research during the last year focused on early seventeenth-century Mughal painting and the Rajput painting of Rajasthan.

Southeast Asian ceramics will be the focus of an intensive nine-month research trip to southeast Asia and south China resulting in new material that will provide guidance for further study of the Freer's collection of southeast Asian ceramics.

In the area of Near Eastern art, after several years of intensive research on Islamic paintings, particularly of the fifteenth-century, the research focus is on Islamic metalwork. Objects in the Freer collections

provide an excellent opportunity for comparative analysis with objects borrowed for the Sackler exhibitions. In the area of ancient Near Eastern art, topics of research included the Near Eastern influence on early Greek art and ancient Iranian metalwork.

Although the Freer is best known for its holdings in the arts of Asia and the Near East, it also houses a collection of works by American artists of the late nineteenth and early twentieth centuries, including a major group of works by the expatriate artist James McNeill Whistler. A new book on Whistler will appear in 1990. Research on Dwight W. Tryon will result in a major exhibition and catalog of the artist when the Freer reopens; the Institution will have this catalog published in 1990 or 1991. The Freer is conducting extensive research on its founder Charles Lang Freer, the history of the planning and building of the Freer Gallery of Art, and the founder's philosophy about and intended use of the collections, especially the American collections.

The Technical Laboratory of the Freer Gallery is renowned for its research activities, in addition to ongoing conservation and restoration of objects in the collection. Conservation research concentrated on extending identification methods of organic colorants in paintings and the lead isotope ratio analysis of Chinese bronzes in the Sackler collections. Additional projects included the study of unusual copper-green pigments on Ukiyo-e paintings, lead white on Japanese paintings, discoloration of lead-white pigments on Persian paintings, identification of pigment samples taken from excavated objects (dated from the fifth to the eighth centuries A.D.) in Korean museums, microscopic identification of paper fibers from very small samples, and investigation of the metallurgy and properties of high-tin bronzes, including reconstructing the alloy and production methods used in making high-tin bronze mirrors from Aranmula, India. In addition an analysis of Chinese Buddhist bronze sculpture (dated from the third to the sixteenth centuries A.D.) has begun, which studies the provenance and methods of manufacture of these bronzes and how they relate to the history of Chinese bronze metallurgy. Staff has also begun examination and conservation of objects for the Freer's reopening.

Hirshhorn Museum and Sculpture Garden

Since 1974, the Hirshhorn Museum and Sculpture Garden, through its Department of Painting and Sculpture, has conducted a program of intensive research on its collection of modern and contemporary art. The Collection Archive maintains the primary documentation on the collection, together with interpretive research; the Archives serves as the central information file on the permanent collection. Among the major research projects undertaken within the past ten years is an international biographical survey of living artists represented in the permanent collection. The curators in the Department of Painting and Sculpture have also devoted intensive research to the

history of casting of modern sculpture, with particular emphasis on the problems of connoisseurship, foundry marks, and editions. With the bequest of Joseph H. Hirshhorn's personal collection in 1981, the curatorial staff has undertaken a massive effort to research and catalog the more than five thousand works bequeathed to the museum. Jointly, the curatorial staff, the director, and the deputy director conduct a systematic monthly artist-by-artist review of the museum's entire collection, and this monthly review supplements the ongoing catalog of the Hirshhorn bequest.

Exhibitions produced by collections-based research continue to play an increasingly important role in the museum's overall public program. Exhibitions based in the permanent collection included: *New Acquisitions 1986-1988*; *Numbers/Letters/Images*; *Thomas Eakins Photographs: A Selection from the Permanent Collection*; and *Ralston Crawford Photographs*.

Similar projects currently in an exploratory stage include collections-based exhibitions on the American industrial landscape, on artists as social critics, and on the theme of cafe life.

National Air and Space Museum

Intensive research on the Air and Space Museum's rare Boeing 247 airliner has resulted in a scholarly manuscript. This aircraft revolutionized commercial air travel in the early 1930s and pioneered modern airliner design. Using primary material, the author has thoroughly examined the story of this aircraft and its impact on the development of air transportation. The University of Washington Press will publish the book in 1990.

A paper in the series of Smithsonian Institution Studies in Air and Space will chronicle the contribution of American women to aviation in the years 1940-1985 and will appear in the spring of 1990. Using primary source material donated to the National Air and Space Museum (NASM) by the female aviators themselves, the author chronicled the achievements not of only female pilots but female leaders in the aerospace industry, military aviation, and commercial air transport.

In 1990, NASM will publish *Visions of a Flying Machine: The Wright Brothers and Invention*, which focuses on the process involved in creating the world's first airplane and subsequent Wright aircraft before World War I. Taking advantage of artifact-based research performed during the 1985 restoration of the 1903 Wright *Flyer*, the author uses that research to supplement more traditional archival resources with the goal of more fully understanding the Wrights' achievement. The Wright *Flyer* restoration project took place before the public in one of NASM's galleries, and included a companion exhibit about the *Flyer's* design and construction. This exhibit included an operating reproduction of the

Wright's wind tunnel in which, to better understand how the Wrights derived their results, the curatorial staff recreated the pivotal experiments performed in 1901-02. Another element of the project was a thorough artifact analysis done on the *Flyer* by NASM staff, in cooperation with the Smithsonian Conservation Analytical Laboratory.

The Aeronautics Department is also planning a publication on the development of small gas turbine aircraft engines. This book will explore the history of this industry in the United States, utilizing the museum's archives, photographs of engines in the collection, and extensive interviews with engine designers.

NASM plans to open a new gallery, *Embattled Skies: The Emergence of Air Power in World War I*, in 1991. It will examine the first large scale use of aviation in warfare, highlighting the grim realities of aerial combat in contrast to the romanticized myth of "knights of the air." The collection-based research will include World War I aircraft, armaments, early oxygen equipment, and other artifacts and memorabilia.

At the Museum's Center for Earth and Planetary Studies (CEPS), research on the origin of planetary surface features and terrestrial deserts utilizes the collection of more than four hundred thousand images and photographs of the Earth and planets. Planetary research has resulted in the publication of articles in professional journals detailing the structural evolution of the moon and Mars. A collection of Landsat and other remote sensing computer tapes from 1972 to the present provided information for terrestrial research on dune movement and surface modification resulting from climate. Researchers compared this data with recent satellite observations to determine year-to-year changes.

New exhibits and the preparation and review of books for the general public use the research collections and the expertise of Center personnel. As part of the Smithsonian Institution's Quincentenary program, the Center is preparing an atlas of satellite observations of Earth for publication in 1992. Scientists at the Center are advisors for the *Smithsonian Library of the Solar System*, a multi-volume series published by the Smithsonian Press.

The Center is a NASA-supported Regional Planetary Image Facility under the Planetary Geology and Geophysics Program of NASA's Solar System Exploration Division. The purpose for the Regional Image Facility System is to provide a source of, and facility for, the scientific use and dissemination of images and other data returned by planetary missions. The CEPS not only supports NASM's and SI's research needs but ensures that images and other planetary mission data are accessible to the larger community of investigators and public in the mid-Atlantic region of the U.S. Through an additional agreement with Johnson Space Center, CEPS is a repository for a complete collection of photographs

Shuttle astronauts take using hand-held cameras. This collection is the only such archive easily accessible to the research community, and will continue to grow with photographs obtained on future Shuttle missions.

The Laboratory for Astrophysics opened in fiscal year 1989 at the National Air and Space Museum. Laboratory's research centers on infrared observations of star formation regions, active galaxies, planetary atmospheres, and novae. The Laboratory is designing instruments for, and participating in, an observational research program aboard the forthcoming Infrared Space Observatory. NASM exhibits will reflect the increased understanding of physical and technical astrophysics this department will foster.

The Space History Department plans to publish *Our Weather from Above: America's Meteorological Satellites* in 1990. This book will provide a chronological overview of the past and present U.S. civilian weather satellite efforts. One section of the book will describe the artifacts in the NASM collection that relate to the history of weather satellites. These satellites and instruments are probably the only existing examples remaining on Earth of certain technologies.

The Space History Department has continued to organize video history sessions designed to document visually the museum's ultraviolet and X-ray detector collection and the collections of early Bennett RF mass spectrometers.

Another area of collections-related research being expanded in the Department of Space History concerns technologies used for surveillance and arms control treaty verification. NASM hopes to formulate a rational collections program in these important areas of space activity, to place the museum in the strongest possible position once the technology becomes free of current secrecy and classification requirements. Discussions have begun with representatives of the various government agencies involved.

Planned for 1992, *A Catalog of the Art Collection of the National Air and Space Museum* will list the entire contents of the art collection with the artist, title, accession number, medium, support, and date of creation. It will include essays on five aspects of the collection (aviation art, science fiction and space science art, prominent works in the NASM art collection, the NASA art program, and ballooning prints) and some color photographs.

Another planned collections-management publication is *Caring for the Collections of the National Air and Space Museum*. This book will cover the history of NASM's Paul E. Garber Facility and highlight the restoration of six important aircraft of the national collection.

National Museum of African Art

At the National Museum of African Art, curatorial research is the foundation for the museum's public and scholarly programs. New, untried, and often seminal projects can be conceived and developed because the entire research staff is sharply focused on the visual traditions of one important region: Africa south of the Sahara. The museum has used closed, working symposia, often multidisciplinary in composition, to explore new exhibition topics and content for attendant publications. Currently planned are working conferences on *Lower Niger Bronzes* and *The Art of the Luba*. Visiting curatorial fellows also participate in museum research, exhibition, and publication programs.

Recent publications include a monograph *Foreheads of the Dead: An Anthropological View of Kalabari Ancestral Screens* written by Dr. Nigel Barley of the British Museum. Under the auspices of the two museums, Dr. Barley undertook fieldwork in Nigeria which resulted in a monograph and an exhibition. Professor Herbert Cole, Professor of Art History at the University of California, Santa Barbara and 1988 Rockefeller Residency Program Fellow at the Museum wrote *Icons: Ideals and Power in the Art of Africa*. This book, which accompanies the exhibition Dr. Cole curated, examines five prevalent themes in the history of African art.

Archival and oral history research devoted to the life and works of the Yoruba master carver Olowe of Ise is currently underway and has as its basis a major Olowe sculpture in the permanent collection. This research will result in the first monograph devoted to a traditional African artist. In addition, the first major publication devoted to the museum's permanent sculpture collection is now in the research stage.

Several important collection-related research projects are in progress and relate both to publications and exhibitions. One, an extraordinary collection of 85 ceramic vessels from Central Africa, which staff will study, identify, and place on exhibition. The other, a group of utilitarian objects, including containers, stools, headrests, and pipes primarily from east and central Africa, the museum has scheduled for research to determine its origins and uses and will be placed on exhibition.

The museum's Eliot Elisofon Photographic Archives, which includes over seventy-eight thousand black and white photographs and approximately two-hundred thousand color slides, is the center for ongoing research into the context of African visual traditions. During this five-year period, the staff will begin the multiyear project of cataloging the entire collection of photographic images and will also explore photo archival exchange possibilities with the following African museums: Bamako Museum (Mali); Institut Fondamental d'Afrique Noir-IFAN (Senegal); Guinea-Bissau Museum; Kenneth Murray Archives

(Nigeria); and Institute des Musees Nationaux du Zaire-IMNZ (Zaire).

In the area of ethnographic conservation, the Museum of African Art now has a research facility which will allow the museum conservators, resident conservation interns, and fellows to contribute to both fundamental and applied research on the material used in ethnographic objects. A postdoctoral fellow has begun a comprehensive historical, visual, chemical, and instrumental analysis of Benin objects in the collection. In addition, a postgraduate intern from the London Institute of Archeology has begun research to identify corrosion processes in West African ironwork so curators can determine the appropriate conservation treatment.

National Museum of American Art

Collections-related research projects at the National Museum of American Art include: continuing research to supplement the study of the artist Albert Pinkham Ryder, resulting in both a book-length evaluation of his compositional and technical accomplishments and a related exhibition in 1990; preparation of a Joseph Cornell catalogue raisonne; research on a major acquisition of 1986, the Herbert Waide Hemphill, Jr. Collection of American Folk Art, focusing on the 378 objects and their context, as well as their creators, and resulting in a 1990-1991 exhibition and major catalog; a book on American artists who exhibited at the Paris salons in the latter part of the nineteenth century, a group which the Museum's collections heavily represent, and an in-depth study of the work from 1938-1946 of an important, but little known African-American painter, William H. Johnson, which will culminate in a 1991 exhibition. The Patricia and Phillip Frost Collection provides the basis for an in-depth study of American abstract art created during the 1930s and 1940s.

The museum will continue research on works from contemporary American landscape photographers acquired with funds provided by Consolidated Natural Gas. This research will result in a publication and exhibition in 1991. Research on the museum's collection of miniatures will serve as the foundation for a book-length manuscript on American miniature painting during the eighteenth and nineteenth centuries.

A variety of research projects of lesser scope include: research for individual listings of the museum's works by various artist groups (e.g. Hispanic Americans, African-Americans, women artists, western artists, and WPA artists) to facilitate response to a large number of outside research requests; continuing research on the full range of sculpture in the museum's collections, and on the growing collection of craft objects in the Renwick Gallery collection.

National Museum of American History

Collections-based research remains a major component of the scholarly program at the National Museum of American History (NMAH). The study of the material culture of the American past not only opens entirely new avenues to an understanding of American history but is an essential prerequisite for planning a wise acquisitions program. The current effort of the Division of Domestic Life to study changes in American household technology in the twentieth century is a case in point. Such research, conducted with the assistance of interns and volunteers, enables staff members to better understand existing collections, identify significant gaps, and plan future collecting.

Research efforts in the Division of Domestic Life have also concentrated on the collection of patent models of lighting devices, domestic appliances, metalware, and furniture. A long-term project, this study has resulted in a number of publications. It has also served as an important base for a major exhibition of American patent models, which NMAH prepared for a tour of Japanese museums and plans to circulate in the United States.

Staff members of the Division of Costume pioneered the study of clothing as a means of exploring changing attitudes toward gender and this study was the subject for a variety of publications. In 1989, the Smithsonian Institution Press issued the latest publication, *Men and Women: Dressing the Part*. Continuing work on eighteenth- and nineteenth-century costume will result in several additional papers and publications over the next year. In addition, the Museum opened a new exhibition, *Men and Women: A History of Costume, Gender, and Power*, in the fall of 1989.

Current research by the staff members of the Division of Graphic Arts will lead to the publication of a catalogue of the museum's collection of nineteenth-century American printing type, the largest in the world. Most nineteenth-century type was pinmarked by manufacturers with very small and sometimes cryptic stamps which have never been identified or catalogued in any systematic fashion. The purpose of the project is to record the marks with microphotographic techniques as a first step toward identification and cataloging. The result will be a major contribution to the body of knowledge about the history of the American printing industry. Other collections-based projects currently underway in the division include a checklist of prints based on the paintings of Albert Bierstadt and a catalogue of the collotypes in the collection.

The Division of Textiles continues to research a sample book of American-made fabrics transferred to the NMAH from the National Archives. Dating to 1834, the book, made up of fabric samples sold at Ft. Gibson, Oklahoma, was part of a report submitted by Henry Ellsworth, Commissioner of Indians, to Lewis Cass, Secretary of War. The study will result in the identification of manufacturers involved in the

Indian trade, the type of fabrics being marketed, and additional information on aspects of trade in the West.

Several divisions in the Department of the History of Science and Technology have worked on the Smithsonian videohistory program. This unique project has enabled the staff to conduct video interviews of the inventors of items in the museum's most recent and important collections. The museum completed the first segment of a three-part series on the history of ultrasound this past spring. The staff filmed part one, an interview with Dr. Robert Ledley, inventor of the first whole-body CAT scanner. An experimental robot acquired from the National Bureau of Standards has led to a videohistory of robots. In addition, the staff interviewed Mikhail Timofeyevich Kalashnikov in Moscow. Kalashnikov designed the AK 47 assault rifle.

Other research projects utilizing artifacts in the Museum's collections include analysis of the use of silver in the manufacture of medical instruments and methods of producing dosage forms for homeopathic pharmaceuticals. Nearing completion is a major project listing 48,000 photographic images in the Railroad collection. Research work is continuing on the design and adaptation of closed automobiles, based on the Museum's 1928 Chevrolet sedan, and on the nineteenth-century electrical instruments invented by Charles Page.

The Division of Engineering and Industry continues to conduct research on the artifacts from the firm of William Bond and Son, of Boston. A manuscript for a book is in production chronicling the work of the Bonds and their relationship to the Harvard College Observatory.

Recent publications based on original research on the national collections include: *Bio-Bibliography of American Makers of Navigational Instruments and National Inventory of Navigational Instruments Made in the United States*, from the Division of Physical Sciences; *Landmarks in the History of Computing in the National Museum of American History*, from the Division of Computers, Information and Society; and, the Division of Agriculture's study of the fire ant campaign of the late 1950s, a project which grew out of the exhibit *Science, Power and Conflict*.

Forthcoming publications based on original research utilizing the collections will include: a history of the manufacture and use of microscopes in the United States; a discussion of the development, production, and use of the Eisenhower jacket made popular by General Eisenhower during World War II; a monograph on the housing and conservation of military headgear; a history of the American dentist's office; and, funded by a Smithsonian Society grant, a booklet on American clocks.

In the National Numismatic Collection, staff continue to research the medieval, and modern foreign coins; Chinese and Islamic coins; and

foreign medals and decorations, as well as premonetary forms.

In the National Philatelic Collection, research is taking place on several recent acquisitions: a 1904-style screen wagon, a turn-of-the-century rural free delivery sled and wagon, a 1931 Ford Model AA mail truck, a 1966 three-wheeled "Westcoaster" mail van, and the first of 99,150 new "Long-Life" postal trucks. Further collecting activities will include the acquisition of postal vehicles such as an 1880s stagecoach, 1920s and 1950s mail trucks, and a 1910 three-wheel mail cycle. These vehicles and the research carried out on them serve as the basis for a comprehensive history of the movement of mail in America. A publication, tentatively entitled, *Mail on the Move*, is nearly complete.

National Museum of Natural History

The more than 119 million specimens of animals, plants, fossils, rocks and minerals, and artifacts of human culture housed by the Museum of Natural History/Museum of Man provide a focal point for the basic research of a resident staff of more than two hundred scientists from the Smithsonian and other affiliated government agencies. Numerous scientists all over the world also use these collections, either as visitors or borrowers. The Museum lends more than two hundred thousand specimens and objects annually to the international scientific community.

Because of growing concern about changes in the global environment, the museum is giving greater emphasis to programs and projects that will contribute to our understanding of such changes. The following are summaries of the ongoing collection-based research projects which relate directly to global change.

The rich crescent of tropical/subtropical vegetation that extends from the flanks of the Andes northward, then eastward into the Guianas, contains millions of plant and animal species. Investigators have screened very few of these bioresources for their economic potential. In 1989, the museum continued a major effort to inventory and study the plants of this region before accelerating human encroachment into Amazonia destroys them. Inventories will continue over the next decade in protected reserves and parks in Bolivia, Peru, Ecuador, and Venezuela. Museum staff expect the project to increase understanding of biological diversity and discover hundreds of new plant species, dozens of new animal species, and thousands of new insect species potentially valuable as food, biological control agents, and germplasm resources.

The museum also has underway two other major long-term collection-based projects aimed at increasing knowledge of (and ultimately conserving) the biological diversity of the Latin American tropics--one in Surinam and the other in Brazil's Amazonian Basin.

The museum is one of six sponsoring organizations that have undertaken a multinational effort to study the biodiversity of the little known plant life of Guyana, Surinam, and French Guiana. Because existing museum collections document past exploration, they significantly aid this project which involves more than a dozen museum botanists.

Ongoing museum fieldwork is yielding important new information on the composition, function, evolution, and distribution of the plants and animals of Brazil's Amazonian Basin and Atlantic Forests. The museum coordinates this research with archeological studies of the roots of human culture in Amazonia. The Museum has taken on a major biodiversity project in Brazilian Amazonia formerly managed by the World Wildlife Fund. This project will greatly increase our knowledge of biotic succession in forest fragments.

Scientists are in the process of describing as many as 35-40 extinct bird species from a collection of tens of thousands of fossil bird bones amassed in the Hawaiian Islands over the last 13 years. The collection has provided startling evidence that Polynesians who colonized the archipelago 1,500 years ago annihilated as much as 50 percent of the archipelago's original bird species. Heretofore, most naturalists had assumed that Hawaiian ecosystems remained relatively untouched until the arrival of James Cook in 1778. This continuing project is changing the assumptions of biogeographic studies, making it clear for the first time that modern, uninhabited island biotas are merely remnants of what was present under prehuman conditions.

The museum is conducting a major research program to determine whether the present disturbances in terrestrial environments are extraordinary compared with events that occurred before the appearance of humans. Documenting how stable land ecosystems have been over geological time will help scientists assess and predict the long-term effects of global, environmental disturbances now taking place (such as, tropical deforestation and the greenhouse effect). The museum enjoys a unique advantage in pursuing this research because of its vast collections of fossil terrestrial animals and plants, the diverse talents of scientists working here, and its importance as a center of research on biological diversity.

Concern over the high prevalence of cancer in fish living in chemically contaminated bodies of water and the potential human health hazard this poses is focusing attention on the museum's Registry of Tumors in Lower Animals. The registry, a depository for a collection of more than five thousand diseased specimens of fish, shellfish, and other animals from the United States and forty other countries, is the only clearinghouse in the world for information on cancer in fish and other vertebrate and invertebrate cold-blooded animals.

The rise in sea level and the Aswan Dam's blocking normal sediment flow on the Nile River are engulfing the northeastern edge of

the Nile Delta. The problem could flood a large part of the northern delta by the year 2100, inundating agricultural lands where several million people now live. An ongoing multidisciplinary study of the delta, directed by the museum in cooperation with the Egyptian government, serves as the basis for these findings. Specialists from scientific and research organizations in Egypt, Western Europe, and North America have shipped hundreds of sediment cores, cut into three to five-foot lengths, to the museum for analysis.

The following are descriptions of other important collection-based research projects ongoing in the Museum.

The museum recently computerized information on the pathological conditions of human skeletal remains. The National Institutes of Health funded this activity. The results are providing new perspectives on the history and the biomedical impact of disease. For example, a study focusing on skeletal material of the Plains Indians is shedding light on the causes of erosive joint diseases, such as rheumatoid arthritis, which is three times as common in Indian groups as in the general population.

Museum scientists are studying unknown sea life discovered by divers in previously unexplored underwater caves in the Bahamas, Bermuda, and the Turks and Caicos Islands. The diversity of these valuable collections includes, for the crustaceans alone, a new class, a new order, two new families, three new genera, and twenty new species. For scientists, these animals and their environment provide a window on the past. Isolated for millions of years from the pressures of natural selection, in a stable environment similar to the deepest parts of the world's oceans, they reproduce more slowly than other shallow marine animals and have lower metabolic rates. Research by museum scientists and colleagues at several universities has made classification of these animals possible and led to new hypotheses on the distribution of animals via the action of plate tectonics and the use of cryptic habitats on the sea floor.

Museum entomologists are converting a vast compilation of taxonomic and biological data on wasps, bees, ants, and related insects in America north of Mexico into a modern online electronic data base, a major advance in the field of systematic cataloging. The conversion will make it possible to revise and expand the data base as entomologists publish new works on these groups of insects. The Museum expects to complete the conversion during 1990. Easily queried by the outside scientific community, the data base contains a wealth of biological information valuable to a wide variety of scientists (for example, parasite-host records for those interested in biological control, and bee-plant associations of value to pollination ecologists and botanists).

The museum's unparalleled collection of arctic ethnological, archeological, and physical anthropological specimens makes it a center

for arctic anthropological research. Current projects include a major study on the prehistory of the Indian and Eskimo cultures of Labrador; research on the first European settlement in the Canadian Arctic, that of Martin Frobisher in 1574-78 on Baffin Island; studies of the prehistory and origins of the Alaskan peoples of St. Lawrence and Kodiak Islands; research on the origins of prehistoric Eskimo art and its ethnographic and modern expressions; and studies of the relationships of Siberian and Alaskan native peoples.

The museum's mineral research collection is one of the largest and most important in the world. Museum scientists are now using state-of-the-art analytical electron microscopy, powder x-ray diffraction data, and computer graphics to learn more about minerals--the fundamental building blocks of the earth. One ongoing study is shedding light on the structure and formation of economically important oceanic manganese oxide, occurring as nodules and often combined with cobalt, nickel, copper, and other strategic metals--metals of which the United States has a limited supply and which it may eventually want to mine.

National Portrait Gallery

Among the current research projects at the National Portrait Gallery (NPG) are: studies of journalists' and artists' depictions of World War II; American portraits exhibited at the 1893 World's Columbian Exposition; a history of caricature in America; an examination of the various Andrew Jackson portraits which trace his evolving national image; a history of Time, Inc.'s patronage of portrait artists; and a biography and analysis of the portraits of Cecil Beaux. NPG has scheduled all of these projects to become major exhibitions within the next four years; a major publication will accompany each exhibition. The research projects listed above substantially involve objects from the NPG collections and, in most cases, also explore portraits from other public and private collections.

For the Columbus Quincentenary, NPG is collaborating with the Prado in Madrid, Spain, and the Kimbell Art Museum in Fort Worth, Texas, to present a major exhibition of portraits of Spanish notables from the time of Ferdinand and Isabella to the era of Velasquez, and, with the National Museum of American Art, it is jointly presenting the exhibition of American art from the 1893 World's Columbian Exposition. In another collaborative effort, an NPG scholar is undertaking research for the National Gallery of Art (NGA) and writing the entries for the NGA Systematic Catalogue of eighteenth and early nineteenth century American portraits which will reproduce, describe, and discuss each work in the NGA's collections.

NPG also plans publications on: the American sitters of the Swedish painter Anders Zorn; the career of the painter James Earl; the life and work of Charles Fevret de Saint-Memin; patronage of the fine

arts in the United States from 1860 to 1920; American museums and art galleries during the early twentieth century; a biography of Sara Hallowell, a leading curator of art exhibitions in the late nineteenth and early twentieth centuries; and the papers of Charles Willson Peale and his family. Yale University Press has already published Volumes 1 and 2 of the *Selected Papers of Charles Willson Peale and His Family*; and volume 3, *Charles Willson Peale: The Artist in Retirement, 1810-1820*, will appear in 1991. Research for volumes 4 and 5 is underway. A volume of interpretive essays on Peale's work will mark the 250th anniversary of the artist's birth. Under grants from the Institution's Scholarly Research Fund and the Baltimore Gas and Electric Company, research has begun on a catalogue raisonne of the works of Rembrandt Peale (1778-1860). The Smithsonian Institution Press is editing the book on St. Memin with a grant from the Barra Foundation.

National Zoological Park

The Department of Mammalogy has initiated a research program to address questions concerning exhibit space and the exhibit animal. For example an 18 month long study was undertaken to determine the causes of stereotypic behaviors in confined bears. The staff found that modifying the feeding regimen could considerably reduce stereotypic pacing during some seasons. In addition, the Zoo made a small modification to the exhibit that houses the American black bear (known to the world as Smokey the Bear) giving visitors the opportunity to see the bear nearly 100 percent of the time in winter; that was up from only 6 percent before the change. A survey of 27 (about one-third) of the outdoor mammal exhibits is in progress to determine what changes would improve visitor viewing opportunities and to seek solutions to improving the social and physical environments in these exhibits.

Research on the husbandry and management of selected species to obtain successful reproduction continues to be a high priority. Since 1988, a number of steps have been taken to stimulate the flamingos to breed. These have included installing artificial sprinklers to stimulate rainfall, providing mud of different consistencies for nest construction, and increasing the size of the captive flock to increase social interaction. The flock produced a single infertile egg in 1988 and two fertile eggs in 1989. Because increased social interaction appears to be necessary for sustained reproduction, the Zoo plans to increase its captive flock to at least 40 individuals through breeding and acquisition.

Large numbers of wild birds--pigeons, sparrows, and starlings -- are frequently attracted to zoo exhibits because food, water, and cover are readily available. Not only do these interlopers detract from the visitor's experience, but they also represent a significant husbandry problem since they compete with the captive animals for food and can potentially infect them with disease and parasites. At NZP, these problems have traditionally been greatest in the waterfowl exhibits where

the rations were readily available throughout the day. To eliminate this problem, zoo staff developed a new pelleted diet fed underwater. The food, readily available to the exhibit animals, is now inaccessible to the unwanted birds. This innovation is now used successfully in the zoo's new Wetlands Exhibit.

No zoo has successfully exhibited the shy North American star-nosed moles. NZP has maintained animals under both exhibit and off-exhibit conditions for periods exceeding 16 months. This accomplishment in itself is remarkable, but the research conducted on this species for prey catching is even more remarkable and exciting. Long-term studies have shown that the star on the mole's snout actually acts as an electrical receptor, which detects impulses, emitted by certain prey species. Further study will expand on this data. Confirmation of this hypothesis will be scientifically stunning and will also generalize to the duck-billed platypus which also detects its prey electrically and which the NZP is also considering as an exhibit species for its collection.

Definition of Program Categories

The Institution uses its federal appropriations and trust funds for five broad categories of activities. The Office of Financial Analysis and Planning, working with bureaus and offices, used these program categories to define each expenditure included in the base budgets through fiscal year 1988. Below are brief narratives describing each of the five broad categories, followed by a listing of detailed program categories within each.

Research and Curation

The Smithsonian, by virtue of its staff, collections, data bases, and research facilities, is a unique international resource in the basic sciences, arts, and the humanities. The Smithsonian's long-term research efforts complement industrial, federal, and university research and provide critical continuity to the nation's research enterprise in a number of fields. In addition to serving the broad research community, Smithsonian research is the basis for many of the Institution's public activities. The accuracy and currency of its exhibitions, the care of its collections, and the quality of its public education programs depend directly on the research and curatorial activities of the staff.

Various Smithsonian bureaus and museums engage in research and curation efforts. Research is the principal activity of the Astrophysical Observatory, Tropical Research Institute, the Environmental Research Center, and the Conservation Analytical Laboratory. Research is a highly important component in the Museum of Natural History, Air and Space Museum, the Zoological Park, and the Museum of American History, where exhibitions, education, and care of collections are additional responsibilities. The same is true in the Freer Gallery of Art, the Arthur M. Sackler Gallery, the National Museum of American Art, and the other Smithsonian art museums, where curators exercise their intellectual talents and professional judgement in taking care of collections, preparing exhibitions, and developing education and public programs.

Detailed categories of expenditures for research and curation are:

Research/Curation & Direct Support - pertains to research and curatorial activities, including, but not limited to, research centers, museum departmental activity, and animal management at the National Zoological Park.

- **Researchers/Curators ("Faculty")** - pertains to research/curatorial staff only and their compensation.

- Direct Support - pertains to departmental museum technicians, research assistants, secretaries, clerk-typist and their salaries, plus all departmental other object class expenditures.

Specialized Research/Curation Support Activities - includes operations such as:

- Archives Offices, including SI Archives, Archives of American Art and bureau archival activity.
- Registrarial Operations, including the Office of the Registrar and bureau registrarial activity.
- Conservation Labs, including Conservation Analytical Laboratory and bureau conservation activity.
- Special Inventory Efforts also includes base inventory efforts where they are identified by the bureau.
- Collection Centers, including Smithsonian Oceanographic Sorting Center and Museum Support Center equipment.
- Collections Acquisitions
- Libraries, including SI Libraries and bureau library activity.
- Miscellaneous Research Support Activities, including SERC instrumentation, the Museum of Natural History's Scanning Electron Microscope lab and Molecular Systematics lab, Link Port Marine Station, and research support at the Museum of American Art and the Astrophysical Observatory.

Technical Support-Multipurpose - includes:

- Photographic Offices, including Office of Printing and Photographic Services (OPPS) and bureau photographic departments.
- ADP Offices, including Office of Information Resource Management (OIRM) and bureau ADP departments.

Exhibitions

Exhibitions are the principal means for the Institution to communicate to public audiences recent discoveries, important ideas, and new scholarship in science, history, and art. In addition to the approximately 25 million visitors annually who enjoy the Institution's museums, galleries, and Zoological park, many millions more view Smithsonian traveling exhibitions, which appear throughout the United

States and abroad, and the Institution's annual folklife festival. Besides the curation and research benefits that the Institution and the national and international scholarly communities derive from the collections of the Smithsonian, the Institution's collections form the basis of its rich and varied exhibition programs.

All of the Institution's museums and a number of other offices conduct exhibition programs. These programs range from small ones, such as those conducted intermittently by the Office of Horticulture, to large temporary exhibitions or permanent reinstallations in the museums. Major support comes from federal appropriations, but the central special exhibition funds provided annually by the Board of Regents and gifts and donations from private individuals and firms significantly supplement museum and gallery activities.

Since all expenditures for exhibitions are included in just one program category, there are no detailed category descriptions.

Education

The Smithsonian conducts a wide range of educational programs directed to general visiting audiences and specialized constituencies. These programs include:

- the activities and classes of the Resident and National Associate Programs;
- television, radio, and other media efforts;
- training, symposia, conferences, and information services;
- services provided to the visiting public by the Visitors Information and Associate Reception Center;
- the centrally approved Regents' public service and outreach programs; and
- The *Smithsonian* Magazine and the Smithsonian Press' popular brochures, recordings, and publications.

All of the major museums sponsor many and varied educational and public information activities appropriate to their operational environments. These form an important part of the overall learning opportunities available to Institutional audiences.

Since all expenditures for education and related activities are included in just one program category, there are no detailed category descriptions.

The Smithsonian's responsibility for its museum buildings and other facilities requires a continuing program of repair and maintenance (some of which staff accomplishes with funds provided in operating budgets), and renovations and restorations. The objective of the Repair and Restoration program is to ensure continued operation of physical plant and to provide appropriate, safe, and accessible facilities for research, education, and exhibition and care of collections. Federal appropriations are the primary source of funds for this work. Maintenance and preservation of facilities to ensure their long-term operation is one of the Institution's highest priorities and reflects the Institution's great concern for the condition of its buildings, many of which date back to the turn of the century or earlier. This effort, as well as ensuring compliance with safety codes, requires many millions of dollars each year.

The Institution has made considerable progress in determining the extent of need for additional facility support and has completed or has undertaken a number of critical facilities-related projects; however, the Smithsonian must continue to apply itself to diminishing the identified backlog of repair and restoration work on facilities and to replacing major building systems.

Facilities expenditures fall into two detailed categories:

Security - includes the Office of Protection Services and bureau security offices at the Tropical Research Institute, the Environmental Research Center and the National Zoological park.

Facilities Maintenance & Repair - includes the Office of Plant Services, the Office of Design and Construction, MSC operations and buildings and grounds management in the bureaus.

Administration

The Institution's administrative, financial, and other support services comprise four functional areas:

- Central management;
- Central, specialized technical and support services;
- The bureaus' and offices' administration and management; and
- Facilities services and maintenance.

The central management offices under the direction of the Secretary and under oversight of the Board of Regents, provide operational planning and policy determination for program and support activities and parameters for utilizing the resources of the Institution. The Offices of the Secretary, Under Secretary, Assistant Secretaries, Treasurer, General Counsel, and Congressional Relations discharge central management functions.

Central, specialized administrative and technical offices furnish administrative, personnel, budget, financial, and other professional and technical services required to support operation of the Smithsonian's programs. The offices conducting these functions include the Offices of Accounting and Financial Services, Planning and Budget, Procurement and Property Management, Financial Management and Planning, Inspector General, Equal Opportunity, Risk Management, Information Resource Management, Management Analysis, Personnel Administration, Printing and Photographic Services, Sponsored Projects and Travel Services.

Also, the management of the Institution's bureaus and offices makes a significant contribution to the Institution's administration because of its responsibility for implementing the Institution's operational plans and establishing bureau level policy. Bureau directors also contribute significantly to the management of the Institution by participating with the staff of central management offices, in advocating and seeking funds for existing and new programs.

The Offices of Design and Construction, Plant Services, Protection Services, Environmental Management and Safety, Architectural History and Historic Preservation, and Horticulture discharge the facilities services and maintenance functions. These services primarily focus upon the physical plant and its contents; safety and health programs for staff, visitors, and collections; planning, design, and construction of new and renovated facilities; and architectural and historical research support for the Institution's buildings, along with collections management for the Castle Building and its antique furnishings.

Expenditures for administration fall into two detailed categories:

Safety - includes the Office of Environmental Management and Safety and safety components of the National Zoological Park and OPlantS.

Administrative & Miscellaneous Expenses - includes the central administrative units (except OIRM and OPPS) and expenses at the level of the director/assistant directors' offices for all units with 50 or more employees. The director's office for the Anacostia Neighborhood Museum is also included due to the Museum's multipurpose organizational breakdown of activities. Department Chairmans' offices will be included with other department expenses under "Research/Curation and Direct Support."

Projected Operating Expenses by Bureau

This section displays projected expenses for each bureau, by program category and by fund source. In each case the projections are consistent with the *Budget Justification to Congress for Fiscal Year 1991*. The projected expenses reflect growth in programs as planned by each bureau.

ASSISTANT SECRETARY FOR RESEARCH

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT		\$744		\$699		\$707		\$721		\$735		\$744
SPECIALIZED RESEARCH/CURATION			1	\$130		\$130	1	\$150	1	\$150	1	\$170
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	22	\$1,195	22	\$1,221	22	\$1,221	22	\$1,221	22	\$1,221	22	\$1,219
TOTAL	22	\$1,939	22	\$1,920	23	\$2,058	23	\$2,092	23	\$2,106	23	\$2,133

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	20	\$879	20	\$905	21	\$1,035	21	\$1,055	21	\$1,055	21	\$1,073
UNRESTRICTED & SPECIAL PURPOSE FUNDS	2	\$725	2	\$725	2	\$725	2	\$726	2	\$728	2	\$729
RESTRICTED FUNDS		\$256		\$266		\$273		\$286		\$297		\$304
GOVERNMENT GRANTS & CONTRACTS		\$79		\$24		\$25		\$25		\$26		\$27
TOTAL	22	\$1,939	22	\$1,920	23	\$2,058	23	\$2,092	23	\$2,106	23	\$2,133

JOSEPH HENRY PAPERS

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	5	\$235	5	\$233	7	\$300	7	\$309	7	\$326	7	\$318
SPECIALIZED RESEARCH/CURATION					1	\$73	1	\$85	1	\$128	1	\$105
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES					1	\$35	2	\$59	2	\$76	2	\$78
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES				\$14		\$14		\$14		\$14		\$13
TOTAL	5	\$235	5	\$247	9	\$422	10	\$467	10	\$544	10	\$514

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	5	\$233	5	\$247	9	\$422	10	\$467	10	\$544	10	\$514
UNRESTRICTED & SPECIAL PURPOSE FUNDS		\$2										
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	5	\$235	5	\$247	9	\$422	10	\$467	10	\$544	10	\$514

AMERICAN STUDIES

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	2	\$133	2	\$133	2	\$134	2	\$134	2	\$134	2	\$134
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES				\$5		\$5		\$5		\$5		\$5
TOTAL	2	\$133	2	\$138	2	\$139	2	\$139	2	\$139	2	\$139

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
FEDERAL SALARY & EXPENSES	2	\$110	2	\$115	2	\$115	2	\$115	2	\$115	2	\$115
UNRESTRICTED & SPECIAL PURPOSE FUNDS		\$23		\$23		\$24		\$24		\$24		\$24
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	2	\$133	2	\$138	2	\$139	2	\$139	2	\$139	2	\$139

OFFICE OF FELLOWSHIPS & GRANTS

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	13	\$489	13	\$479	14	\$544	14	\$550	14	\$550	14	\$529
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES		\$31		\$31		\$31		\$31		\$31		\$31
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES		\$2		\$18		\$18		\$18		\$18		\$17
TOTAL	13	\$522	13	\$528	14	\$593	14	\$599	14	\$599	14	\$577

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	9	\$364	9	\$380	10	\$438	10	\$438	10	\$438	10	\$437
UNRESTRICTED & SPECIAL PURPOSE FUNDS	4	\$133	4	\$133	4	\$140	4	\$145	4	\$145	4	\$140
RESTRICTED FUNDS		\$25		\$15		\$15		\$16		\$16		
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	13	\$522	13	\$528	14	\$593	14	\$599	14	\$599	14	\$577

FELLOWSHIP AWARDS

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
RESEARCH/CURATION & DIRECT SUPPORT		\$2,033		\$2,033		\$2,820		\$3,170		\$3,520		\$3,870
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES												
TOTAL		\$2,033		\$2,033		\$2,820		\$3,170		\$3,520		\$3,870

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
FEDERAL SALARY & EXPENSES												
UNRESTRICTED & SPECIAL PURPOSE FUNDS		\$2,033		\$2,033		\$2,820		\$3,170		\$3,520		\$3,870
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL		\$2,033		\$2,033		\$2,820		\$3,170		\$3,520		\$3,870

SMITHSONIAN ASTROPHYSICAL OBSERVATORY

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	233	\$28,604	249	\$29,169	271	\$37,269	272	\$34,136	272	\$33,233	261	\$33,657
SPECIALIZED RESEARCH/CURATION	22	\$1,894	22	\$1,894	22	\$1,894	22	\$1,894	22	\$1,894	22	\$1,894
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	2	\$280	2	\$494	2	\$297	2	\$307	2	\$312	2	\$322
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE	23	\$1,918	23	\$1,918	23	\$1,918	23	\$1,918	23	\$1,918	23	\$1,918
SAFETY		\$14		\$14		\$14		\$14		\$14		\$14
ADMINISTRATION & MISC. EXPENSES	34	\$3,281	35	\$5,143	35	\$5,203	35	\$5,223	35	\$5,231	35	\$5,225
TOTAL	314	\$35,991	331	\$38,632	353	\$46,595	354	\$43,492	354	\$42,602	343	\$43,030

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	110	\$10,991	125	\$12,532	144	\$14,047	150	\$14,485	154	\$14,835	154	\$15,026
UNRESTRICTED & SPECIAL PURPOSE FUNDS	85	\$5,900	85	\$6,000	95	\$9,877	95	\$10,046	95	\$10,262	95	\$10,496
RESTRICTED FUNDS		\$100		\$100								
GOVERNMENT GRANTS & CONTRACTS	119	\$19,000	121	\$20,000	114	\$22,671	109	\$18,961	105	\$17,505	94	\$17,508
TOTAL	314	\$35,991	331	\$38,632	353	\$46,595	354	\$43,492	354	\$42,602	343	\$43,030

SMITHSONIAN TROPICAL RESEARCH INSTITUTE

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	59	\$4,688	62	\$4,809	99	\$8,177	99	\$6,232	99	\$5,975	99	\$5,985
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	2	\$129	2	\$129	6	\$492	3	\$183	3	\$183	3	\$183
SECURITY	15	\$330	15	\$330	15	\$330	15	\$330	15	\$330	15	\$330
BUILDING MAINTENANCE & PLANT SERVICE	35	\$1,116	35	\$1,116	35	\$1,116	35	\$1,116	35	\$1,116	35	\$1,116
SAFETY		\$26		\$26	5	\$291	6	\$308	7	\$325	8	\$342
ADMINISTRATION & MISCELLANEOUS EXPENSES	36	\$1,468	44	\$1,909	63	\$2,469	63	\$2,471	63	\$2,474	63	\$2,461
TOTAL	147	\$7,757	158	\$8,319	223	\$12,875	221	\$10,640	222	\$10,403	223	\$10,417

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	131	\$5,910	142	\$6,457	207	\$11,211	205	\$9,717	206	\$9,477	207	\$9,478
UNRESTRICTED & SPECIAL PURPOSE FUNDS	4	\$577	4	\$567	4	\$646	4	\$648	4	\$651	4	\$664
RESTRICTED FUNDS		\$250		\$275		\$275		\$275		\$275		\$275
GOVERNMENT GRANTS & CONTRACTS	12	\$1,020	12	\$1,020	12	\$743	12		12		12	
TOTAL	147	\$7,757	158	\$8,319	223	\$12,875	221	\$10,640	222	\$10,403	223	\$10,417

SMITHSONIAN ENVIRONMENTAL RESEARCH CENTER

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	23	\$1,661	24	\$1,814	30	\$1,898	30	\$1,900	32	\$2,000	32	\$2,000
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	2	\$52	2	\$52	2	\$66	2	\$66	2	\$66	2	\$66
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE SAFETY	11	\$443	11	\$444	14	\$540	14	\$542	14	\$543	14	\$543
ADMINISTRATION & MISCELLANEOUS EXPENSES	5	\$291	6	\$375	6	\$376	6	\$376	6	\$376	6	\$371
TOTAL	41	\$2,447	43	\$2,685	52	\$2,880	52	\$2,884	54	\$2,985	54	\$2,980

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000
FEDERAL SALARY & EXPENSES	37	\$1,837	39	\$2,071	50	\$2,441	50	\$2,445	52	\$2,546	52	\$2,541
UNRESTRICTED & SPECIAL PURPOSE FUNDS	2	\$198	2	\$199	2	\$214	2	\$214	2	\$214	2	\$214
RESTRICTED FUNDS		\$22		\$15		\$15		\$15		\$15		\$15
GOVERNMENT GRANTS & CONTRACTS	2	\$390	2	\$400		\$210		\$210		\$210		\$210
TOTAL	41	\$2,447	43	\$2,685	52	\$2,880	52	\$2,884	54	\$2,985	54	\$2,980

NATIONAL ZOOLOGICAL PARK

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	145	\$7,953	147	\$8,307	172	\$10,084	177	\$10,253	186	\$10,788	187	\$10,962
SPECIALIZED RESEARCH/CURATION		\$7		\$9		\$2						
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS	8	\$291	8	\$291	8	\$301	8	\$291	8	\$291	8	\$291
EDUCATION & RELATED ACTIVITIES	14	\$735	14	\$818	16	\$984	16	\$990	16	\$740	16	\$740
SECURITY	21	\$794	21	\$794	21	\$794	21	\$794	21	\$794	21	\$794
BUILDING MAINTENANCE & PLANT SERVICE	148	\$5,956	148	\$5,950	153	\$7,768	153	\$9,468	155	\$6,420	155	\$6,170
SAFETY	3	\$146	3	\$146	3	\$146	3	\$146	3	\$146	3	\$146
ADMINISTRATION & MISCELLANEOUS EXPENSES	15	\$837	18	\$1,581	18	\$1,654	18	\$1,641	18	\$1,666	18	\$1,664
TOTAL	354	\$16,719	359	\$17,896	391	\$21,733	396	\$23,583	407	\$20,845	408	\$20,767

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	349	\$14,569	354	\$15,391	386	\$17,479	391	\$17,690	402	\$18,067	403	\$18,096
UNRESTRICTED & SPECIAL PURPOSE FUNDS	4	\$795	4	\$811	4	\$2,455	4	\$4,094	4	\$1,007	4	\$597
RESTRICTED FUNDS	1	\$1,223	1	\$1,574	1	\$1,761	1	\$1,799	1	\$1,771	1	\$2,074
GOVERNMENT GRANTS & CONTRACTS		\$132		\$120		\$38						
TOTAL	354	\$16,719	359	\$17,896	391	\$21,733	396	\$23,583	407	\$20,845	408	\$20,767

SMITHSONIAN INSTITUTION ARCHIVES

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	15	\$613	15	\$613	15	\$613	15	\$613	15	\$613	15	\$613
SPECIALIZED RESEARCH/CURATION	6	\$215	6	\$215	16	\$595	17	\$626	18	\$655	19	\$684
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES				\$26		\$26		\$26		\$26		\$24
TOTAL	21	\$828	21	\$854	31	\$1,234	32	\$1,265	33	\$1,294	34	\$1,321

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	15	\$613	15	\$639	25	\$1,019	26	\$1,050	27	\$1,079	28	\$1,106
UNRESTRICTED & SPECIAL PURPOSE FUNDS	6	\$215	6	\$215	6	\$215	6	\$215	6	\$215	6	\$215
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	21	\$828	21	\$854	31	\$1,234	32	\$1,265	33	\$1,294	34	\$1,321

SMITHSONIAN INSTITUTION LIBRARIES

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	94	\$4,855	94	\$4,855	94	\$4,855	94	\$4,855	94	\$4,855	94	\$4,855
SPECIALIZED RESEARCH/CURATION	9	\$338	9	\$328	21	\$1,119	21	\$1,224	21	\$1,329	21	\$1,434
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	14	\$616	15	\$806	15	\$806	15	\$806	15	\$806	15	\$790
TOTAL	117	\$5,809	118	\$5,989	130	\$6,780	130	\$6,885	130	\$6,990	130	\$7,079

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	106	\$5,377	107	\$5,571	119	\$6,362	119	\$6,467	119	\$6,572	119	\$6,661
UNRESTRICTED & SPECIAL PURPOSE FUNDS	11	\$419	11	\$418	11	\$418	11	\$418	11	\$418	11	\$418
RESTRICTED FUNDS		\$13										
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	117	\$5,809	118	\$5,989	130	\$6,780	130	\$6,885	130	\$6,990	130	\$7,079

MAJOR SCIENTIFIC INSTRUMENTATION

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT		\$2,147		\$5,765		\$9,064		\$5,962		\$4,862		\$3,597
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES												
TOTAL		\$2,147		\$5,765		\$9,064		\$5,962		\$4,862		\$3,597

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES		\$2,147		\$5,765		\$9,064		\$5,962		\$4,862		\$3,597
UNRESTRICTED & SPECIAL PURPOSE FUNDS												
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL		\$2,147		\$5,765		\$9,064		\$5,962		\$4,862		\$3,597

INTERNATIONAL ENVIRONMENTAL SCIENCE PROGRAM

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	13	\$761	15	\$895	27	\$2,025	28	\$2,223	28	\$2,362	28	\$2,450
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES		\$9		\$9		\$9		\$9		\$9		\$9
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES				\$16		\$16		\$16		\$16		\$15
TOTAL	13	\$770	15	\$920	27	\$2,050	28	\$2,248	28	\$2,387	28	\$2,474

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	13	\$770	15	\$920	27	\$2,050	28	\$2,248	28	\$2,387	28	\$2,474
UNRESTRICTED & SPECIAL PURPOSE FUNDS												
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	13	\$770	15	\$920	27	\$2,050	28	\$2,248	28	\$2,387	28	\$2,474

ASSISTANT SECRETARY FOR MUSEUMS

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	12	\$1,043	12	\$1,076	17	\$1,356	17	\$1,356	17	\$1,356	17	\$1,354
TOTAL	12	\$1,043	12	\$1,076	17	\$1,356	17	\$1,356	17	\$1,356	17	\$1,354

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	10	\$650	11	\$842	16	\$1,122	16	\$1,122	16	\$1,122	16	\$1,120
UNRESTRICTED & SPECIAL PURPOSE FUNDS	1	\$220	1	\$234	1	\$234	1	\$234	1	\$234	1	\$234
RESTRICTED FUNDS	1	\$173										
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	12	\$1,043	12	\$1,076	17	\$1,356	17	\$1,356	17	\$1,356	17	\$1,354

OFFICE OF MUSEUM PROGRAMS

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	12	\$451	12	\$451	14	\$588	14	\$588	14	\$588	14	\$588
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES				\$10		\$10		\$10		\$10		\$9
TOTAL	12	\$451	12	\$461	14	\$598	14	\$598	14	\$598	14	\$597

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
FEDERAL SALARY & EXPENSES	12	\$432	12	\$442	14	\$564	14	\$564	14	\$564	14	\$563
UNRESTRICTED & SPECIAL PURPOSE FUNDS		\$19		\$19		\$34		\$34		\$34		\$34
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	12	\$451	12	\$461	14	\$598	14	\$598	14	\$598	14	\$597

OFFICE OF THE REGISTRAR

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION	3	\$149	3	\$195	3	\$311	3	\$311	3	\$311	3	\$311
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES				\$8		\$8		\$8		\$8		\$7
TOTAL	3	\$149	3	\$203	3	\$319	3	\$319	3	\$319	3	\$318

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	3	\$149	3	\$203	3	\$319	3	\$319	3	\$319	3	\$318
UNRESTRICTED & SPECIAL PURPOSE FUNDS												
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	3	\$149	3	\$203	3	\$319	3	\$319	3	\$319	3	\$318

NATIONAL MUSEUM OF NATURAL HISTORY

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	382	\$18,264	385	\$18,245	433	\$21,050	447	\$21,742	452	\$22,172	457	\$22,396
SPECIALIZED RESEARCH/CURATION	79	\$4,229	79	\$4,239	83	\$4,687	87	\$5,427	87	\$4,903	87	\$4,945
TECHNICAL SUPPORT MULTIPURPOSE	13	\$1,170	13	\$1,170	18	\$2,218	18	\$2,189	18	\$2,188	18	\$2,188
EXHIBITIONS	42	\$3,790	43	\$4,718	43	\$6,391	43	\$8,431	42	\$9,007	42	\$5,723
EDUCATION & RELATED ACTIVITIES	20	\$738	20	\$738	28	\$1,127	30	\$1,139	32	\$1,222	33	\$1,282
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE	60	\$1,580	60	\$1,580	65	\$1,922	68	\$1,994	68	\$1,994	68	\$1,994
SAFETY	1	\$40	1	\$40	1	\$40	1	\$40	1	\$40	1	\$40
ADMINISTRATION & MISCELLANEOUS EXPENSES	21	\$2,934	26	\$4,502	28	\$4,688	28	\$4,643	28	\$4,740	28	\$4,795
TOTAL	618	\$32,745	627	\$35,232	699	\$42,123	722	\$45,605	728	\$46,266	734	\$43,363

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	585	\$27,505	593	\$29,762	659	\$36,477	682	\$37,962	688	\$37,733	694	\$37,885
UNRESTRICTED & SPECIAL PURPOSE FUNDS	6	\$1,375	7	\$1,609	13	\$1,819	13	\$1,792	13	\$2,005	13	\$1,954
RESTRICTED FUNDS	17	\$3,085	17	\$3,102	17	\$3,048	17	\$5,053	17	\$5,713	17	\$2,675
GOVERNMENT GRANTS & CONTRACTS	10	\$780	10	\$759	10	\$779	10	\$798	10	\$815	10	\$849
TOTAL	618	\$32,745	627	\$35,232	699	\$42,123	722	\$45,605	728	\$46,266	734	\$43,363

NATIONAL AIR AND SPACE MUSEUM

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	55	\$3,621	56	\$3,476	60	\$3,580	60	\$3,506	61	\$3,533	62	\$3,557
SPECIALIZED RESEARCH/CURATION	36	\$1,639	36	\$1,633	39	\$1,686	42	\$1,745	43	\$1,778	43	\$1,780
TECHNICAL SUPPORT MULTIPURPOSE	4	\$365	4	\$365	4	\$620	4	\$650	4	\$685	4	\$590
EXHIBITIONS	52	\$5,329	52	\$5,759	52	\$5,375	52	\$5,128	52	\$5,175	52	\$5,259
EDUCATION & RELATED ACTIVITIES	15	\$975	15	\$978	16	\$1,191	16	\$1,195	16	\$1,200	16	\$1,205
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE	85	\$2,348	85	\$2,348	85	\$2,348	85	\$2,348	85	\$2,348	85	\$2,348
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	37	\$2,412	37	\$2,890	37	\$2,921	37	\$2,990	36	\$2,912	36	\$2,948
TOTAL	284	\$16,689	285	\$17,449	293	\$17,721	296	\$17,562	297	\$17,631	298	\$17,687

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000
FEDERAL SALARY & EXPENSES	227	\$10,165	228	\$10,698	240	\$11,624	243	\$11,700	245	\$11,787	246	\$11,683
UNRESTRICTED & SPECIAL PURPOSE FUNDS	49	\$4,663	49	\$4,843	49	\$5,120	50	\$5,449	49	\$5,476	49	\$5,646
RESTRICTED FUNDS	3	\$1,557	4	\$1,666	1	\$907		\$367		\$322		\$311
GOVERNMENT GRANTS & CONTRACTS	5	\$304	4	\$242	3	\$70	3	\$46	3	\$46	3	\$47
TOTAL	284	\$16,689	285	\$17,449	293	\$17,721	296	\$17,562	297	\$17,631	298	\$17,687

NATIONAL MUSEUM OF AMERICAN HISTORY

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	127	\$6,824	127	\$6,694	132	\$7,396	132	\$6,941	132	\$6,650	131	\$6,847
SPECIALIZED RESEARCH/CURATION	74	\$3,142	75	\$3,200	94	\$4,740	93	\$3,930	91	\$3,678	84	\$3,508
TECHNICAL SUPPORT MULTIPURPOSE	6	\$373	6	\$373	6	\$373	6	\$373	6	\$373	6	\$373
EXHIBITIONS	57	\$2,822	57	\$2,884	60	\$2,936	60	\$3,488	60	\$3,395	60	\$3,395
EDUCATION & RELATED ACTIVITIES	24	\$1,295	23	\$1,272	26	\$1,391	26	\$1,391	26	\$1,390	26	\$1,387
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE	50	\$1,535	50	\$1,523	50	\$1,519	50	\$1,521	50	\$1,518	50	\$1,518
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	22	\$1,575	22	\$2,322	22	\$2,340	22	\$2,405	22	\$2,365	22	\$2,329
TOTAL	360	\$17,566	360	\$18,268	390	\$20,695	389	\$20,049	387	\$19,369	379	\$19,357

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	347	\$15,218	348	\$16,024	377	\$18,117	376	\$17,303	374	\$16,973	367	\$16,746
UNRESTRICTED & SPECIAL PURPOSE FUNDS	11	\$552	10	\$471	10	\$1,168	10	\$1,150	10	\$1,129	10	\$1,146
RESTRICTED FUNDS	2	\$1,796	2	\$1,773	3	\$1,410	3	\$1,596	3	\$1,267	2	\$1,465
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	360	\$17,566	360	\$18,268	390	\$20,695	389	\$20,049	387	\$19,369	379	\$19,357

NATIONAL MUSEUM OF THE AMERICAN INDIAN

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	61	\$3,946	179	\$11,618	179	\$11,618	179	\$11,618	179	\$11,618	179	\$11,605
TOTAL	61	\$3,946	179	\$11,618	179	\$11,618	179	\$11,618	179	\$11,618	179	\$11,605

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000	EMPL	\$ 000
FEDERAL SALARY & EXPENSES	61	\$3,946	179	\$11,618	179	\$11,618	179	\$11,618	179	\$11,618	179	\$11,605
UNRESTRICTED & SPECIAL PURPOSE FUNDS												
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	61	\$3,946	179	\$11,618	179	\$11,618	179	\$11,618	179	\$11,618	179	\$11,605

NATIONAL MUSEUM OF AMERICAN ART

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	EMPL	\$ 000	FT	\$ 000	EMPL	\$ 000	FT	\$ 000	EMPL	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	37	\$1,565	37	\$1,514	42	\$1,848	42	\$1,843	42	\$1,823	42	\$1,823
SPECIALIZED RESEARCH/CURATION	35	\$2,832	35	\$2,859	35	\$2,725	35	\$2,341	35	\$2,255	35	\$2,225
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS	14	\$932	15	\$718	15	\$617	14	\$591	14	\$591	14	\$591
EDUCATION & RELATED ACTIVITIES	11	\$498	11	\$496	11	\$496	11	\$496	11	\$496	11	\$496
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE	15	\$519	15	\$521	17	\$600	17	\$609	18	\$622	18	\$631
SAFETY	2	\$24	2	\$24	3	\$43	3	\$43	3	\$43	3	\$43
ADMINISTRATION & MISCELLANEOUS EXPENSES	11	\$736	12	\$1,087	12	\$1,120	12	\$1,122	12	\$1,124	12	\$1,113
TOTAL	125	\$7,106	127	\$7,219	135	\$7,449	134	\$7,045	135	\$6,954	135	\$6,922

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	EMPL	\$ 000	FT	\$ 000	EMPL	\$ 000	FT	\$ 000	EMPL	\$ 000
FEDERAL SALARY & EXPENSES	122	\$5,581	123	\$5,817	134	\$6,260	133	\$6,243	134	\$6,253	134	\$6,244
UNRESTRICTED & SPECIAL PURPOSE FUNDS	3	\$525	4	\$748	1	\$640	1	\$508	1	\$514	1	\$492
RESTRICTED FUNDS		\$1,000		\$654		\$549		\$294		\$187		\$186
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	125	\$7,106	127	\$7,219	135	\$7,449	134	\$7,045	135	\$6,954	135	\$6,922

NATIONAL PORTRAIT GALLERY

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	26	\$1,426	26	\$1,403	28	\$1,444	28	\$1,446	28	\$1,443	28	\$1,447
SPECIALIZED RESEARCH/CURATION	13	\$633	13	\$615	15	\$746	14	\$684	14	\$683	14	\$684
TECHNICAL SUPPORT MULTIPURPOSE	3	\$143	3	\$143	3	\$183	3	\$183	3	\$183	3	\$193
EXHIBITIONS	14	\$1,277	14	\$1,542	14	\$1,467	14	\$1,507	14	\$927	14	\$877
EDUCATION & RELATED ACTIVITIES	9	\$345	9	\$345	9	\$345	9	\$345	9	\$345	9	\$345
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE	17	\$509	17	\$509	18	\$587	19	\$597	19	\$606	20	\$616
SAFETY		\$24		\$24		\$43		\$43		\$43		\$43
ADMINISTRATION & MISCELLANEOUS EXPENSES	7	\$528	7	\$691	7	\$728	7	\$738	7	\$740	7	\$735
TOTAL	89	\$4,885	89	\$5,272	94	\$5,543	94	\$5,543	94	\$4,970	95	\$4,940

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	89	\$4,212	89	\$4,403	94	\$4,897	94	\$4,645	94	\$4,654	95	\$4,661
UNRESTRICTED & SPECIAL PURPOSE FUNDS		\$114		\$96		\$167		\$180		\$185		\$184
RESTRICTED FUNDS		\$559		\$773		\$479		\$718		\$131		\$95
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	89	\$4,885	89	\$5,272	94	\$5,543	94	\$5,543	94	\$4,970	95	\$4,940

HIRSHHORN MUSEUM & SCULPTURE GARDEN

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	11	\$1,669	11	\$1,637	11	\$1,408	11	\$1,380	11	\$1,353	11	\$1,353
SPECIALIZED RESEARCH/CURATION	19	\$1,510	19	\$1,610	20	\$3,368	20	\$3,668	20	\$3,568	20	\$3,668
TECHNICAL SUPPORT MULTIPURPOSE	3	\$107	3	\$107	3	\$107	3	\$107	3	\$107	3	\$107
EXHIBITIONS	7	\$299	7	\$329	7	\$574	7	\$499	7	\$299	7	\$299
EDUCATION & RELATED ACTIVITIES	6	\$335	6	\$335	7	\$440	7	\$440	7	\$440	7	\$440
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE	22	\$632	22	\$632	22	\$632	22	\$632	22	\$632	22	\$632
SAFETY	1	\$36	1	\$36	1	\$36	1	\$36	1	\$36	1	\$36
ADMINISTRATION & MISCELLANEOUS EXPENSES	9	\$1,023	9	\$760	9	\$826	9	\$827	9	\$783	9	\$773
TOTAL	78	\$5,611	78	\$5,446	80	\$7,391	80	\$7,589	80	\$7,218	80	\$7,308

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	78	\$3,508	78	\$3,678	80	\$5,731	80	\$5,856	80	\$5,406	80	\$5,395
UNRESTRICTED & SPECIAL PURPOSE FUNDS		\$505		\$102		\$123		\$124		\$130		\$131
RESTRICTED FUNDS		\$1,598		\$1,666		\$1,537		\$1,609		\$1,682		\$1,782
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	78	\$5,611	78	\$5,446	80	\$7,391	80	\$7,589	80	\$7,218	80	\$7,308

ARTHUR M. SACKLER GALLERY/FREER GALLERY OF ART

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	11	\$473	11	\$473	13	\$669	13	\$569	13	\$569	13	\$569
SPECIALIZED RESEARCH/CURATION	19	\$1,080	19	\$1,080	21	\$1,573	21	\$1,500	23	\$1,675	23	\$1,750
TECHNICAL SUPPORT MULTIPURPOSE	2	\$132	2	\$132	2	\$132	2	\$132	2	\$132	2	\$132
EXHIBITIONS	16	\$1,312	16	\$1,512	19	\$2,514	19	\$1,764	19	\$1,764	19	\$1,764
EDUCATION & RELATED ACTIVITIES	10	\$698	10	\$598	11	\$822	11	\$790	11	\$790	11	\$790
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE	4	\$124	4	\$124	4	\$124	4	\$124	4	\$124	4	\$124
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	30	\$3,816	30	\$3,880	30	\$4,215	30	\$3,912	30	\$3,837	30	\$3,851
TOTAL	92	\$7,635	92	\$7,799	100	\$10,049	100	\$8,791	102	\$8,891	102	\$8,980

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000
FEDERAL SALARY & EXPENSES	68	\$4,331	68	\$4,668	76	\$6,303	76	\$5,628	78	\$5,803	78	\$5,867
UNRESTRICTED & SPECIAL PURPOSE FUNDS	1	\$94	1	\$96	1	\$105	1	\$105	1	\$105	1	\$105
RESTRICTED FUNDS	23	\$3,210	23	\$3,035	23	\$3,641	23	\$3,058	23	\$2,983	23	\$3,008
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	92	\$7,635	92	\$7,799	100	\$10,049	100	\$8,791	102	\$8,891	102	\$8,980

ARCHIVES OF AMERICAN ART

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION	35	\$2,975	35	\$2,929	38	\$2,957	39	\$3,000	39	\$3,074	41	\$3,168
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES		\$7		\$48		\$48		\$48		\$48		\$44
TOTAL	35	\$2,982	35	\$2,977	38	\$3,005	39	\$3,048	39	\$3,122	41	\$3,212

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
FEDERAL SALARY & EXPENSES	23	\$1,126	23	\$1,172	26	\$1,340	27	\$1,385	27	\$1,435	29	\$1,511
UNRESTRICTED & SPECIAL PURPOSE FUNDS		\$98		\$98		\$98		\$98		\$98		\$98
RESTRICTED FUNDS	12	\$1,758	12	\$1,707	12	\$1,567	12	\$1,565	12	\$1,589	12	\$1,603
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	35	\$2,982	35	\$2,977	38	\$3,005	39	\$3,048	39	\$3,122	41	\$3,212

COOPER-HEWITT MUSEUM, NATIONAL MUSEUM OF DESIGN

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	7	\$389	7	\$389	10	\$484	10	\$484	10	\$484	10	\$484
SPECIALIZED RESEARCH/CURATION	12	\$356	12	\$356	12	\$456	12	\$456	12	\$356	12	\$356
TECHNICAL SUPPORT MULTIPURPOSE		\$7		\$7		\$7		\$7		\$7		\$7
EXHIBITIONS	7	\$1,100	7	\$418	7	\$450	7	\$450	7	\$450	7	\$450
EDUCATION & RELATED ACTIVITIES	11	\$1,053	11	\$1,074	14	\$1,797	14	\$1,838	14	\$1,807	14	\$1,807
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE	11	\$747	11	\$747	17	\$1,066	17	\$1,066	17	\$1,066	17	\$1,066
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	10	\$772	10	\$831	12	\$1,185	12	\$1,335	12	\$885	12	\$881
TOTAL	58	\$4,424	58	\$3,822	72	\$5,445	72	\$5,636	72	\$5,055	72	\$5,051

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000
FEDERAL SALARY & EXPENSES	32	\$1,462	32	\$1,514	46	\$3,116	46	\$3,266	46	\$2,716	46	\$2,712
UNRESTRICTED & SPECIAL PURPOSE FUNDS	25	\$2,028	25	\$2,056	25	\$2,078	25	\$2,091	25	\$2,108	25	\$2,108
RESTRICTED FUNDS	1	\$934	1	\$252	1	\$251	1	\$279	1	\$231	1	\$231
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	58	\$4,424	58	\$3,822	72	\$5,445	72	\$5,636	72	\$5,055	72	\$5,051

NATIONAL MUSEUM OF AFRICAN ART

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	10	\$504	10	\$504	10	\$529	10	\$534	10	\$539	10	\$544
SPECIALIZED RESEARCH/CURATION	11	\$618	11	\$618	13	\$877	13	\$877	13	\$867	13	\$835
TECHNICAL SUPPORT MULTIPURPOSE	2	\$129	2	\$129	2	\$129	2	\$129	2	\$129	2	\$129
EXHIBITIONS	17	\$1,347	17	\$1,347	17	\$1,547	17	\$1,547	17	\$1,547	17	\$1,547
EDUCATION & RELATED ACTIVITIES	10	\$426	10	\$413	11	\$520	11	\$520	11	\$520	11	\$520
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	9	\$745	9	\$838	9	\$648	9	\$658	9	\$658	9	\$650
TOTAL	59	\$3,769	59	\$3,849	62	\$4,250	62	\$4,265	62	\$4,260	62	\$4,225

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	58	\$3,610	58	\$3,713	61	\$4,104	61	\$4,109	61	\$4,104	61	\$4,069
UNRESTRICTED & SPECIAL PURPOSE FUNDS	1	\$111	1	\$111	1	\$121	1	\$121	1	\$121	1	\$121
RESTRICTED FUNDS		\$48		\$25		\$25		\$35		\$35		\$35
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	59	\$3,769	59	\$3,849	62	\$4,250	62	\$4,265	62	\$4,260	62	\$4,225

ANACOSTIA MUSEUM

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	6	\$261	6	\$261	6	\$665	9	\$795	12	\$865	12	\$865
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS	7	\$391	7	\$391	9	\$470	11	\$555	13	\$615	13	\$615
EDUCATION & RELATED ACTIVITIES	3	\$204	3	\$204	6	\$326	6	\$327	6	\$328	6	\$328
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE	1	\$33	1	\$33	1	\$33	1	\$33	1	\$33	1	\$33
SAFETY		\$8		\$8		\$8		\$8		\$8		\$8
ADMINISTRATION & MISCELLANEOUS EXPENSES	4	\$152	4	\$233	7	\$433	7	\$361	7	\$561	7	\$555
TOTAL	21	\$1,049	21	\$1,130	29	\$1,935	34	\$2,079	39	\$2,410	39	\$2,404

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	20	\$1,002	20	\$1,073	28	\$1,868	33	\$2,008	38	\$2,338	38	\$2,332
UNRESTRICTED & SPECIAL PURPOSE FUNDS	1	\$47	1	\$57	1	\$67	1	\$71	1	\$72	1	\$72
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	21	\$1,049	21	\$1,130	29	\$1,935	34	\$2,079	39	\$2,410	39	\$2,404

CONSERVATION ANALYTICAL LABORATORY

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	18	\$872	18	\$872	20	\$1,243	20	\$1,243	20	\$1,243	21	\$1,326
SPECIALIZED RESEARCH/CURATION	12	\$770	12	\$770	12	\$770	12	\$770	12	\$770	12	\$770
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS	4	\$257	4	\$257	4	\$257	4	\$257	4	\$257	4	\$257
EDUCATION & RELATED ACTIVITIES	8	\$702	8	\$702	8	\$702	8	\$702	8	\$702	8	\$702
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES				\$97		\$97		\$97		\$97		\$89
TOTAL	42	\$2,601	42	\$2,698	44	\$3,069	44	\$3,069	44	\$3,069	45	\$3,144

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	42	\$2,551	42	\$2,648	44	\$3,019	44	\$3,019	44	\$3,019	45	\$3,094
UNRESTRICTED & SPECIAL PURPOSE FUNDS		\$50		\$50		\$50		\$50		\$50		\$50
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	42	\$2,601	42	\$2,698	44	\$3,069	44	\$3,069	44	\$3,069	45	\$3,144

OFFICE OF EXHIBITS CENTRAL

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS	46	\$2,087	46	\$2,087	54	\$2,550	55	\$2,643	56	\$2,736	57	\$2,829
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES												
TOTAL	46	\$2,087	46	\$2,087	54	\$2,550	55	\$2,643	56	\$2,736	57	\$2,829

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
FEDERAL SALARY & EXPENSES	46	\$1,937	46	\$2,006	54	\$2,469	55	\$2,562	56	\$2,655	57	\$2,743
UNRESTRICTED & SPECIAL PURPOSE FUNDS		\$150		\$150		\$150		\$150		\$150		\$150
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	46	\$2,087	46	\$2,156	54	\$2,619	55	\$2,712	56	\$2,805	57	\$2,893

SMITHSONIAN INSTITUTION TRAVELING EXHIBITION SERVICE

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS	49	\$3,470	49	\$3,163	49	\$9,000	49	\$9,709	49	\$10,568	49	\$11,514
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES			1	\$81	1	\$81	1	\$81	1	\$81	1	\$79
TOTAL	49	\$3,470	50	\$3,244	50	\$9,081	50	\$9,790	50	\$10,649	50	\$11,593

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
FEDERAL SALARY & EXPENSES	17	\$793	18	\$874	42	\$5,981	42	\$6,492	42	\$7,053	42	\$7,670
UNRESTRICTED & SPECIAL PURPOSE FUNDS	32	\$2,149	32	\$1,917	8	\$3,026	8	\$3,298	8	\$3,596	8	\$3,923
RESTRICTED FUNDS		\$518		\$449		\$74						
GOVERNMENT GRANTS & CONTRACTS		\$10		\$4								
TOTAL	49	\$3,470	50	\$3,244	50	\$9,081	50	\$9,790	50	\$10,649	50	\$11,593

MUSEUM SUPPORT CENTER

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION	6	\$391	6	\$391	29	\$1,295	29	\$995	10	\$395	8	\$195
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE	36	\$1,023	36	\$1,023	41	\$1,221	42	\$1,246	42	\$1,246	44	\$1,331
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES				\$53		\$53		\$53		\$53		\$49
TOTAL	42	\$1,414	42	\$1,467	70	\$2,569	71	\$2,294	52	\$1,694	52	\$1,575

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	42	\$1,414	42	\$1,467	70	\$2,569	71	\$2,294	52	\$1,694	52	\$1,575
UNRESTRICTED & SPECIAL PURPOSE FUNDS												
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	42	\$1,414	42	\$1,467	70	\$2,569	71	\$2,294	52	\$1,694	52	\$1,575

MUSEUM SUPPORT CENTER - EQUIPMENT

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION		\$2,908		\$2,849		\$8,000		\$8,000		\$8,000		\$8,000
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES												
TOTAL		\$2,908		\$2,849		\$8,000		\$8,000		\$8,000		\$8,000

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES		\$2,849		\$2,849		\$8,000		\$8,000		\$8,000		\$8,000
UNRESTRICTED & SPECIAL PURPOSE FUNDS		\$59										
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL		\$2,908		\$2,849		\$8,000		\$8,000		\$8,000		\$8,000

ASSISTANT SECRETARY FOR PUBLIC SERVICE

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS	1	\$59	1	\$59	1	\$59	1	\$59	1	\$59	1	\$59
EDUCATION & RELATED ACTIVITIES	1	\$224	1	\$224	1	\$224	1	\$224	1	\$224	1	\$224
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	9	\$567	9	\$651	11	\$759	11	\$759	11	\$759	11	\$758
TOTAL	11	\$850	11	\$934	13	\$1,042	13	\$1,042	13	\$1,042	13	\$1,041

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
FEDERAL SALARY & EXPENSES	6	\$354	6	\$405	8	\$508	8	\$508	8	\$508	8	\$507
UNRESTRICTED & SPECIAL PURPOSE FUNDS	5	\$496	5	\$529	5	\$534	5	\$534	5	\$534	5	\$534
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	11	\$850	11	\$934	13	\$1,042	13	\$1,042	13	\$1,042	13	\$1,041

TELECOMMUNICATIONS

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	14	\$1,497	14	\$1,929	15	\$1,987	15	\$1,989	15	\$1,980	15	\$1,991
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES				\$17		\$17		\$17		\$17		\$16
TOTAL	14	\$1,497	14	\$1,946	15	\$2,004	15	\$2,006	15	\$1,997	15	\$2,007

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	5	\$241	5	\$284	6	\$306	6	\$306	6	\$295	6	\$305
UNRESTRICTED & SPECIAL PURPOSE FUNDS	9	\$656	9	\$662	9	\$698	9	\$700	9	\$702	9	\$702
RESTRICTED FUNDS		\$600		\$1,000		\$1,000		\$1,000		\$1,000		\$1,000
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	14	\$1,497	14	\$1,946	15	\$2,004	15	\$2,006	15	\$1,997	15	\$2,007

VISITORS INFORMATION & ASSOCIATES' RECEPTION CENTER

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	28	\$1,372	28	\$1,352	38	\$1,810	38	\$2,057	38	\$1,871	38	\$2,152
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES		\$10		\$20		\$4		\$4		\$4		\$4
TOTAL	28	\$1,382	28	\$1,372	38	\$1,814	38	\$2,061	38	\$1,875	38	\$2,156

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
FEDERAL SALARY & EXPENSES	2	\$181	2	\$185	4	\$311	4	\$440	4	\$332	4	\$477
UNRESTRICTED & SPECIAL PURPOSE FUNDS	26	\$1,201	26	\$1,187	34	\$1,503	34	\$1,621	34	\$1,543	34	\$1,679
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	28	\$1,382	28	\$1,372	38	\$1,814	38	\$2,061	38	\$1,875	38	\$2,156

PUBLIC AFFAIRS

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	19	\$1,342	19	\$1,397	22	\$1,583	22	\$1,572	22	\$1,536	22	\$1,536
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES				\$35		\$35		\$35		\$35		\$33
TOTAL	19	\$1,342	19	\$1,432	22	\$1,618	22	\$1,607	22	\$1,571	22	\$1,569

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
FEDERAL SALARY & EXPENSES	13	\$676	13	\$766	15	\$926	15	\$916	15	\$880	15	\$878
UNRESTRICTED & SPECIAL PURPOSE FUNDS	6	\$666	6	\$666	7	\$692	7	\$691	7	\$691	7	\$691
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	19	\$1,342	19	\$1,432	22	\$1,618	22	\$1,607	22	\$1,571	22	\$1,569

SMITHSONIAN INSTITUTION PRESS

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	64	\$20,470	65	\$18,702	67	\$19,630	68	\$20,686	68	\$21,734	68	\$22,764
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	5	\$289	5	\$340	5	\$340	5	\$340	5	\$340	5	\$336
TOTAL	69	\$20,759	70	\$19,042	72	\$19,970	73	\$21,026	73	\$22,074	73	\$23,100

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
FEDERAL SALARY & EXPENSES	29	\$1,269	29	\$1,391	31	\$1,530	32	\$1,601	32	\$1,604	32	\$1,600
UNRESTRICTED & SPECIAL PURPOSE FUNDS	40	\$19,490	41	\$17,651	41	\$18,440	41	\$19,425	41	\$20,470	41	\$21,500
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	69	\$20,759	70	\$19,042	72	\$19,970	73	\$21,026	73	\$22,074	73	\$23,100

OFFICE OF FOLKLIFE PROGRAMS

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT				(\$175)	4	\$260	4	\$260	4	\$260	4	\$280
SPECIALIZED RESEARCH/CURATION	2	\$105	2	\$105	2	\$105	2	\$105	2	\$105	2	\$105
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS	22	\$4,227	23	\$4,259	28	\$4,291	26	\$4,331	26	\$4,356	26	\$4,356
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES		\$8		\$26		\$26		\$26		\$26		\$25
TOTAL	24	\$4,340	25	\$4,215	34	\$4,682	32	\$4,722	32	\$4,747	32	\$4,766

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	9	\$1,027	10	\$898	15	\$1,555	13	\$1,445	13	\$1,445	13	\$1,444
UNRESTRICTED & SPECIAL PURPOSE FUNDS	15	\$895	15	\$917	19	\$1,227	19	\$1,277	19	\$1,202	19	\$1,222
RESTRICTED FUNDS		\$618		\$700		\$1,900		\$2,000		\$2,100		\$2,100
GOVERNMENT GRANTS & CONTRACTS		\$1,800		\$1,700								
TOTAL	24	\$4,340	25	\$4,215	34	\$4,682	32	\$4,722	32	\$4,747	32	\$4,766

OFFICE OF INTERDISCIPLINARY STUDIES

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	EMPL	EMPL	\$ 000	FT	EMPL	EMPL	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	3	\$494	3	\$356	4	\$526	4	\$414	4	\$414	4	\$414
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	4	\$172	4	\$177	4	\$177	4	\$177	4	\$177	4	\$177
TOTAL	7	\$666	7	\$533	8	\$703	8	\$591	8	\$591	8	\$591

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	EMPL	EMPL	\$ 000	EMPL	EMPL	\$ 000	EMPL	EMPL	\$ 000
FEDERAL SALARY & EXPENSES	4	\$172	4	\$177	5	\$301	5	\$201	5	\$201	5	\$201
UNRESTRICTED & SPECIAL PURPOSE FUNDS	3	\$339	3	\$350	3	\$400	3	\$389	3	\$389	3	\$389
RESTRICTED FUNDS		\$155		\$6		\$2		\$1		\$1		\$1
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	7	\$666	7	\$533	8	\$703	8	\$591	8	\$591	8	\$591

OFFICE OF ELEMENTARY AND SECONDARY EDUCATION

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	12	\$687	12	\$675	13	\$716	13	\$716	13	\$716	13	\$716
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES				\$13		\$13		\$13		\$13		\$12
TOTAL	12	\$687	12	\$688	13	\$729	13	\$729	13	\$729	13	\$728

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	8	\$409	8	\$399	9	\$440	9	\$440	9	\$440	9	\$439
UNRESTRICTED & SPECIAL PURPOSE FUNDS	4	\$278	4	\$289	4	\$289	4	\$289	4	\$289	4	\$289
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	12	\$687	12	\$688	13	\$729	13	\$729	13	\$729	13	\$728

NATIONAL SCIENCE RESOURCES CENTER

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	7	\$440	7	\$440	10	\$556	10	\$556	10	\$556	10	\$556
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES				\$10		\$10		\$10		\$10		\$9
TOTAL	7	\$440	7	\$450	10	\$566	10	\$566	10	\$566	10	\$565

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
FEDERAL SALARY & EXPENSES	5	\$260	5	\$270	7	\$325	7	\$325	7	\$325	7	\$324
UNRESTRICTED & SPECIAL PURPOSE FUNDS	2	\$180	2	\$180	3	\$241	3	\$241	3	\$241	3	\$241
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	7	\$440	7	\$450	10	\$566	10	\$566	10	\$566	10	\$565

INTERNATIONAL ACTIVITIES

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	1	\$72	1	\$65	3	\$115	3	\$115	3	\$115	3	\$115
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS	2	\$272	2	\$272	4	\$709	4	\$709	4	\$709	4	\$697
EDUCATION & RELATED ACTIVITIES	10	\$704	12	\$684	15	\$1,081	15	\$1,081	15	\$1,081	15	\$1,081
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	9	\$710	8	\$767	17	\$1,513	17	\$1,549	17	\$1,553	17	\$1,552
TOTAL	22	\$1,758	23	\$1,788	39	\$3,418	39	\$3,454	39	\$3,458	39	\$3,445

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000	FT EMPL	\$ 000
FEDERAL SALARY & EXPENSES	12	\$916	13	\$990	28	\$2,414	28	\$2,450	28	\$2,454	28	\$2,441
UNRESTRICTED & SPECIAL PURPOSE FUNDS	10	\$842	10	\$798	11	\$1,004	11	\$1,004	11	\$1,004	11	\$1,004
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	22	\$1,758	23	\$1,788	39	\$3,418	39	\$3,454	39	\$3,458	39	\$3,445

REGENTS' FELLOWSHIPS & PUBLICATION FUNDS

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
RESEARCH/CURATION & DIRECT SUPPORT		\$180		\$205		\$240		\$300		\$300		\$300
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES												
TOTAL		\$180		\$205		\$240		\$300		\$300		\$300

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
FEDERAL SALARY & EXPENSES												
UNRESTRICTED & SPECIAL PURPOSE FUNDS		\$180		\$205		\$240		\$300		\$300		\$300
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL		\$180		\$205		\$240		\$300		\$300		\$300

CARE, RES., OPPORT., SMITHSON AWARDS

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
RESEARCH/CURATION & DIRECT SUPPORT		\$3,127		\$3,377		\$3,700		\$4,250		\$5,650		\$5,300
SPECIALIZED RESEARCH/CURATION		\$1,880		\$1,915								
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES		\$550		\$550		\$650		\$650		\$650		\$650
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES		\$370		\$370		\$935		\$1,030		\$1,132		\$1,241
TOTAL		\$5,927		\$6,212		\$5,285		\$5,930		\$7,432		\$7,191

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
FEDERAL SALARY & EXPENSES												
UNRESTRICTED & SPECIAL PURPOSE FUNDS		\$5,927		\$6,212		\$5,285		\$5,930		\$7,432		\$7,191
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL		\$5,927		\$6,212		\$5,285		\$5,930		\$7,432		\$7,191

SPECIAL EXHIBITION FUND

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS		\$3,520		\$3,595								
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES												
TOTAL		\$3,520		\$3,595								

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
FEDERAL SALARY & EXPENSES												
UNRESTRICTED & SPECIAL PURPOSE FUNDS		\$3,520		\$3,595								
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL		\$3,520		\$3,595								

ASSISTANT SECRETARY FOR EXTERNAL AFFAIRS

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	14	\$789	10	\$590	10	\$631	10	\$631	10	\$631	10	\$631
TOTAL	14	\$789	10	\$590	10	\$631	10	\$631	10	\$631	10	\$631

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	1	\$43	1	\$44	1	\$44	1	\$44	1	\$44	1	\$44
UNRESTRICTED & SPECIAL PURPOSE FUNDS	13	\$746	9	\$546	9	\$587	9	\$587	9	\$587	9	\$587
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	14	\$789	10	\$590	10	\$631	10	\$631	10	\$631	10	\$631

OFFICE OF MEMBERSHIP & DEVELOPMENT

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	36	\$1,688	36	\$1,690	44	\$2,336	48	\$2,484	52	\$2,728	52	\$2,730
TOTAL	36	\$1,688	36	\$1,690	44	\$2,336	48	\$2,484	52	\$2,728	52	\$2,730

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
FEDERAL SALARY & EXPENSES												
UNRESTRICTED & SPECIAL PURPOSE FUNDS	36	\$1,680	36	\$1,682	44	\$2,327	48	\$2,475	52	\$2,719	52	\$2,720
RESTRICTED FUNDS		\$8		\$8		\$9		\$9		\$9		\$10
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	36	\$1,688	36	\$1,690	44	\$2,336	48	\$2,484	52	\$2,728	52	\$2,730

NATIONAL ASSOCIATE PROGRAM

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	41	\$21,300	43	\$22,610	45	\$24,440	45	\$26,610	47	\$28,790	47	\$31,150
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES												
TOTAL	41	\$21,300	43	\$22,610	45	\$24,440	45	\$26,610	47	\$28,790	47	\$31,150

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES												
UNRESTRICTED & SPECIAL PURPOSE FUNDS	41	\$21,300	43	\$22,610	45	\$24,440	45	\$26,610	47	\$28,790	47	\$31,150
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	41	\$21,300	43	\$22,610	45	\$24,440	45	\$26,610	47	\$28,790	47	\$31,150

RESIDENT ASSOCIATE PROGRAM

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	53	\$5,524	53	\$6,588	55	\$6,760	58	\$7,000	60	\$7,260	60	\$7,530
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY		\$45		\$45		\$45		\$45		\$45		\$45
ADMINISTRATION & MISCELLANEOUS EXPENSES												
TOTAL	53	\$5,569	53	\$6,633	55	\$6,805	58	\$7,045	60	\$7,305	60	\$7,575

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
FEDERAL SALARY & EXPENSES												
UNRESTRICTED & SPECIAL PURPOSE FUNDS	53	\$5,545	53	\$6,626	55	\$6,805	58	\$7,045	60	\$7,305	60	\$7,575
RESTRICTED FUNDS		\$24		\$7								
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	53	\$5,569	53	\$6,633	55	\$6,805	58	\$7,045	60	\$7,305	60	\$7,575

SMITHSONIAN MAGAZINE

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	94	\$68,160	96	\$69,038	97	\$72,897	98	\$75,860	100	\$80,600	100	\$84,255
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES												
TOTAL	94	\$68,160	96	\$69,038	97	\$72,897	98	\$75,860	100	\$80,600	100	\$84,255

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
FEDERAL SALARY & EXPENSES												
UNRESTRICTED & SPECIAL PURPOSE FUNDS	94	\$68,160	96	\$69,038	97	\$72,897	98	\$75,860	100	\$80,600	100	\$84,255
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	94	\$68,160	96	\$69,038	97	\$72,897	98	\$75,860	100	\$80,600	100	\$84,255

AIR & SPACE MAGAZINE

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	27	\$8,500	28	\$7,794	31	\$8,137	32	\$8,498	34	\$8,913	34	\$9,303
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES												
TOTAL	27	\$8,500	28	\$7,794	31	\$8,137	32	\$8,498	34	\$8,913	34	\$9,303

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
FEDERAL SALARY & EXPENSES												
UNRESTRICTED & SPECIAL PURPOSE FUNDS	27	\$8,500	28	\$7,794	31	\$8,137	32	\$8,498	34	\$8,913	34	\$9,303
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	27	\$8,500	28	\$7,794	31	\$8,137	32	\$8,498	34	\$8,913	34	\$9,303

BUSINESS MANAGEMENT OFFICE

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	3	\$270	3	\$390	3	\$410	3	\$430	3	\$450	3	\$470
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES												
TOTAL	3	\$270	3	\$390	3	\$410	3	\$430	3	\$450	3	\$470

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
FEDERAL SALARY & EXPENSES												
UNRESTRICTED & SPECIAL PURPOSE FUNDS	3	\$270	3	\$390	3	\$410	3	\$430	3	\$450	3	\$470
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	3	\$270	3	\$390	3	\$410	3	\$430	3	\$450	3	\$470

MUSEUM SHOPS

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	227	\$27,205	245	\$26,725	250	\$28,040	255	\$29,410	260	\$30,870	260	\$32,460
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES												
TOTAL	227	\$27,205	245	\$26,725	250	\$28,040	255	\$29,410	260	\$30,870	260	\$32,460

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
FEDERAL SALARY & EXPENSES												
UNRESTRICTED & SPECIAL PURPOSE FUNDS	227	\$27,205	245	\$26,725	250	\$28,040	255	\$29,410	260	\$30,870	260	\$32,460
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	227	\$27,205	245	\$26,725	250	\$28,040	255	\$29,410	260	\$30,870	260	\$32,460

MAIL ORDER

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	86	\$22,155	106	\$23,122	118	\$24,040	128	\$25,000	128	\$26,000	128	\$27,020
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES												
TOTAL	86	\$22,155	106	\$23,122	118	\$24,040	128	\$25,000	128	\$26,000	128	\$27,020

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
FEDERAL SALARY & EXPENSES												
UNRESTRICTED & SPECIAL PURPOSE FUNDS	86	\$22,155	106	\$23,122	118	\$24,040	128	\$25,000	128	\$26,000	128	\$27,020
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	86	\$22,155	106	\$23,122	118	\$24,040	128	\$25,000	128	\$26,000	128	\$27,020

CONCESSIONS

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	2	\$2,900	2	\$2,902	2	\$2,875	2	\$2,775	2	\$2,415	2	\$2,320
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES												
TOTAL	2	\$2,900	2	\$2,902	2	\$2,875	2	\$2,775	2	\$2,415	2	\$2,320

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES												
UNRESTRICTED & SPECIAL PURPOSE FUNDS	2	\$2,900	2	\$2,902	2	\$2,875	2	\$2,775	2	\$2,415	2	\$2,320
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	2	\$2,900	2	\$2,902	2	\$2,875	2	\$2,775	2	\$2,415	2	\$2,320

PRODUCT DEVELOPMENT AND LICENSING

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	EMPL	\$ 000	FT	EMPL	\$ 000	EMPL	FT	EMPL	FT	EMPL
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES	5	\$760	6	\$824	6	\$915	6	\$975	6	\$1,015	6	\$1,050
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES												
TOTAL	5	\$760	6	\$824	6	\$915	6	\$975	6	\$1,015	6	\$1,050

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	EMPL	\$ 000	FT	EMPL	\$ 000	EMPL	FT	EMPL	FT	EMPL
FEDERAL SALARY & EXPENSES												
UNRESTRICTED & SPECIAL PURPOSE FUNDS	5	\$760	6	\$824	6	\$915	6	\$975	6	\$1,015	6	\$1,050
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	5	\$760	6	\$824	6	\$915	6	\$975	6	\$1,015	6	\$1,050

INSTITUTIONAL INITIATIVES

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE												
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES			5	\$302	5	\$302	5	\$302	5	\$302	5	\$302
TOTAL			5	\$302	5	\$302	5	\$302	5	\$302	5	\$302

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000	FT	EMPL \$ 000
FEDERAL SALARY & EXPENSES												
UNRESTRICTED & SPECIAL PURPOSE FUNDS			5	\$302	5	\$302	5	\$302	5	\$302	5	\$302
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL			5	\$302	5	\$302	5	\$302	5	\$302	5	\$302

CENTRAL MANAGEMENT OFFICES - SUMMARY

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	2	\$139	2	\$139	2	\$139	2	\$139	2	\$139	2	\$139
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE												
EXHIBITIONS												
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE			1	\$47	1	\$47	1	\$47	1	\$47	1	\$47
SAFETY												
ADMINISTRATION & MISCELLANEOUS EXPENSES	61	\$4,630	64	\$5,172	70	\$5,497	70	\$5,499	70	\$5,501	70	\$5,497
TOTAL	63	\$4,769	67	\$5,358	73	\$5,683	73	\$5,685	73	\$5,687	73	\$5,683

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	37	\$2,102	38	\$2,266	44	\$2,605	44	\$2,605	44	\$2,605	44	\$2,599
UNRESTRICTED & SPECIAL PURPOSE FUNDS	26	\$2,539	29	\$2,963	29	\$2,947	29	\$2,947	29	\$2,947	29	\$2,947
RESTRICTED FUNDS		\$128		\$129		\$131		\$133		\$135		\$137
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	63	\$4,769	67	\$5,358	73	\$5,683	73	\$5,685	73	\$5,687	73	\$5,683

SPECIALIZED ADMINISTRATION & TECH OFFICES - SUMMARY

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
RESEARCH/CURATION & DIRECT SUPPORT	5	\$239	5	\$249	7	\$312	7	\$312	7	\$312	7	\$308
SPECIALIZED RESEARCH/CURATION	1	\$48	1	\$48	1	\$48	1	\$48	1	\$48	1	\$48
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS	77	\$4,240	82	\$5,414	132	\$12,406	124	\$11,639	122	\$10,907	123	\$10,993
EDUCATION & RELATED ACTIVITIES												
SECURITY												
BUILDING MAINTENANCE & PLANT SERVICE		\$1,450		\$1,450		\$1,450		\$1,450		\$1,450		\$1,450
SAFETY	30	\$1,702	30	\$1,702	33	\$1,910	33	\$1,910	33	\$1,910	33	\$1,910
ADMINISTRATION & MISCELLANEOUS EXPENSES	404	\$23,065	438	\$26,426	447	\$27,466	450	\$27,389	453	\$27,414	456	\$27,548
TOTAL	517	\$30,744	556	\$35,289	620	\$43,592	615	\$42,748	616	\$42,041	620	\$42,257

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000	FT	\$ 000
FEDERAL SALARY & EXPENSES	311	\$16,972	345	\$20,473	402	\$29,390	411	\$29,105	411	\$28,478	414	\$28,614
UNRESTRICTED & SPECIAL PURPOSE FUNDS	206	\$13,772	211	\$14,816	218	\$14,202	204	\$13,643	205	\$13,563	206	\$13,643
RESTRICTED FUNDS												
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	517	\$30,744	556	\$35,289	620	\$43,592	615	\$42,748	616	\$42,041	620	\$42,257

FACILITIES SERVICES

OPERATING EXPENSES BY PROGRAM CATEGORY	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
RESEARCH/CURATION & DIRECT SUPPORT												
SPECIALIZED RESEARCH/CURATION												
TECHNICAL SUPPORT MULTIPURPOSE EXHIBITIONS	3	\$153	3	\$153	3	\$153	3	\$153	3	\$153	3	\$153
EDUCATION & RELATED ACTIVITIES		\$283		\$290		\$299		\$308		\$317		\$327
SECURITY	747	\$22,167	747	\$22,167	842	\$25,690	851	\$25,908	860	\$26,126	869	\$26,344
BUILDING MAINTENANCE & PLANT SERVICE	540	\$41,455	540	\$45,970	600	\$49,994	609	\$51,382	618	\$52,694	625	\$53,991
SAFETY	1	\$46	1	\$46	1	\$46	1	\$46	1	\$46	1	\$46
ADMINISTRATION & MISCELLANEOUS EXPENSES	29	\$1,876	33	\$3,945	33	\$3,915	33	\$3,915	33	\$3,913	33	\$3,809
TOTAL	1320	\$65,980	1324	\$72,571	1479	\$80,117	1497	\$81,732	1515	\$83,269	1531	\$84,692

APPLICATION OF OPERATING FUNDS	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL	FT	EMPL
FEDERAL SALARY & EXPENSES	1301	\$63,788	1305	\$70,334	1460	\$77,865	1478	\$79,459	1496	\$80,978	1512	\$82,374
UNRESTRICTED & SPECIAL PURPOSE FUNDS	19	\$2,189	19	\$2,235	19	\$2,250	19	\$2,271	19	\$2,289	19	\$2,316
RESTRICTED FUNDS		\$3		\$2		\$2		\$2		\$2		\$2
GOVERNMENT GRANTS & CONTRACTS												
TOTAL	1320	\$65,980	1324	\$72,571	1479	\$80,117	1497	\$81,732	1515	\$83,269	1531	\$84,692

Repair and Restoration of Buildings, and Minor Construction

This section displays projected resources through fiscal year 1995 for the Repair and Restoration of Buildings Program and for the Federal Construction program, Minor Construction. In each case the projections are consistent with the *Budget Justification to Congress for Fiscal Year 1991*. This section displays projections by building and by each major category of repair.

**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
SUMMARY SHEET**

<i>REPAIR & RESTORATION OF BUILDINGS PROGRAM</i>						
<i>REPAIR, RESTORATION & CODE COMPLIANCE</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
1. GENERAL REPAIRS	1,961	3,935	3,890	3,055	1,220	1,095
2. FACADE, ROOF & TERRACE REPAIRS	5,410	3,790	7,990	3,770	745	1,235
3. FIRE DETECTION & SUPPRESSION	460	925	300	270	300	0
4. ACCESS, SAFETY & SECURITY	2,385	2,725	2,925	2,725	1,375	1,775
5. UTILITY SYSTEM REPAIRS	1,895	2,051	4,765	7,245	1,525	150
6. ADVANCED PLANNING & INSPECTION	733	1,300	1,395	1,750	2,150	1,750
Subtotal	12,844	14,726	21,265	18,815	7,315	6,005
<i>MAJOR CAPITAL RENEWAL</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Subtotal	13,625	13,930	16,680	16,920	29,110	30,585
TOTAL FOR R&R OF BUILDINGS PROGRAM	26,469	28,656	37,945	35,735	36,425	36,590

<i>FEDERAL CONSTRUCTION PROGRAM, MINOR CONSTRUCTION</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Subtotal	3,965	4,009	6,528	7,921	9,650	5,095
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	3,965	4,009	6,528	7,921	9,650	5,095

GRAND TOTAL	30,434	32,665	44,473	43,656	46,075	41,685
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REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 MISCELLANEOUS - 00

<i>REPAIR & RESTORATION OF BUILDINGS PROGRAM</i>						
<i>REPAIR, RESTORATION & CODE COMPLIANCE</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
1. GENERAL REPAIRS						
Grounds, Sidewalk & Parking Lot Repairs	75	100	100	100	100	100
Emergency Repairs Throughout the S.I.	200	200	200	200	200	200
2. FACADE, ROOF & TERRACE REPAIRS						
General Facade Renovations	200	200	200	200	200	200
3. FIRE DETECTION & SUPPRESSION						
Lightning Protection at Various Sites, Phase 2	0	205	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Asbestos Abatement	500	1,000	1,000	1,000	1,000	1,000
Security Lighting Mall Buildings	0	350	450	275	375	775
Emergency Power Study Implementation	450	100	400	0	0	0
Security Requirements	300	0	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Mall Master Raceway System	100	121	150	150	150	150
Upgrade Controls	0	200	200	200	0	0
6. ADVANCED PLANNING & INSPECTION						
Advance Planning & Design Funds	393	500	500	500	500	500
Combined Master Plan for SI Facilities	0	250	250	250	250	250
Mall Master Site Plan	140 *	0	0	500	500	500
S.I. Wide Accessibility Implementation Plan	0	300	500	500	500	500
Total Request	2,358	3,526	3,950	3,875	3,775	4,175
* Subsequent year funding to be determined by results of the study.						
<i>MAJOR CAPITAL RENEWAL</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0
TOTAL FOR R&R OF BUILDINGS PROGRAM	2,358	3,526	3,950	3,875	3,775	4,175

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 MISCELLANEOUS - 00

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Alterations & Modifications Planning	75	104	200	200	200	150
Total Request	75	104	200	200	200	150
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	<u>75</u>	<u>104</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>150</u>

BUREAU TOTAL (00 - MISC)	<u>2,433</u>	<u>3,630</u>	<u>4,150</u>	<u>4,075</u>	<u>3,975</u>	<u>4,325</u>
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**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
NATIONAL MUSEUM OF AMERICAN HISTORY - 30**

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
1. GENERAL REPAIRS						
Miscellaneous Loading Dock Repairs	0	0	0	500	0	0
Shading & Screening	0	0	0	0	110	0
4th. & 5th. Floor Painting & Repair of Wall Penetrations	0	0	200	0	0	0
Repave & Paint Parking Lot and Roads	0	0	0	185	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Miscellaneous Facade & Terrace Repairs	0	0	400	0	0	0
Garage Leakage Study	0	0	20	0	0	0
Terrace Repairs	0	650	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
Install Panic Hardware	0	25	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Numismatic Security Study/Implementation	50	35	0	0	0	0
Elevator Modifications	225	0	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Elect. Switchgear Replacement	0	0	500	500	0	0
Bsermt. Ventilation Interim Improvements	200	0	0	0	0	0
Damper & Exhaust Fan Modifications	0	0	60	0	0	0
4th. & 5th. Floor Thermostats	0	0	35	0	0	0
Exhaust Air Heat Recovery	0	0	0	170	0	0
AB070 Dust Collection System	75	0	0	0	0	0
Replace Drinking Fountain Cooling System	0	50	0	0	0	0
6. ADVANCED PLANNING & INSPECTION						
Trash Compactor Study	0	0	20 **	0	0	0
Total Request	550	760	1,235	1,355	110	0

** Subsequent year funding will be required for implementation.

RENOVATION & RESTORATION OF BUILDINGS PROGRAM CONTINUED ON NEXT PAGE

**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
NATIONAL MUSEUM OF AMERICAN HISTORY - 30**

<i>MAJOR CAPITAL RENEWAL</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
1. MASTER COORDINATION PLAN						
Demolition, Asbestos Removal, Arch./Struct., HVAC, Special Constr., Fire Protection and Construction Contingency	3,200	3,300	4,830	0	0	0
Design Costs	275	290	0	0	0	0
Relocation Costs	200	200	300	200	0	0
2. BASEMENT HVAC IMPROVEMENTS						
Demolition, Asbestos Removal, Arch./Struct., HVAC, Special Constr., Fire Protection and Construction Contingency	0	0	0	2,500	1,400	0
Design Costs	0	0	250	140	0	0
Relocation Costs	0	0	200	200	200	200
Total Request	3,675	3,790	5,580	3,040	1,600	200
TOTAL FOR R&R OF BUILDINGS PROGRAM	<u>4,225</u>	<u>4,550</u>	<u>6,815</u>	<u>4,395</u>	<u>1,710</u>	<u>200</u>

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
North & South Entrance Grate System	0	0	0	0	85	0
Mezzanines - All Floors	400	300	400	0	0	0
Replace Facade Stones with New Museum Name	0	0	250	0	0	0
Fountain Modifications	0	0	0	0	0	0
Conservation Lab Improvement	300	200	0	0	0	0
Basement Modifications	0	0	0	550 *	0	0
Compact Shelving, Archives & Musical Instruments	0	0	0	380	0	0
Compact Shelving, Numismatics	0	0	100	0	0	0
Library Study Room Renovation	0	0	0	0	350	0
Space Relocations at Fullerton	0	0	200	0	0	0
Total Request	700	500	950	930	435	0
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	<u>700</u>	<u>500</u>	<u>950</u>	<u>930</u>	<u>435</u>	<u>0</u>

* Coordinate with Basement HVAC Improvements in MCR category.

	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
BUREAU TOTAL (30 - NMAH)	<u>4,925</u>	<u>5,050</u>	<u>7,765</u>	<u>5,325</u>	<u>2,145</u>	<u>200</u>

Note: See "Other Projects" sheet for additional non-bureau projects within the bureaus facility.

**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
NATIONAL MUSEUM OF NATURAL HISTORY - 31**

REPAIR & RESTORATION OF BUILDINGS PROGRAM						
REPAIR, RESTORATION & CODE COMPLIANCE	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
1. GENERAL REPAIRS						
Baird Auditorium Improvements (Stage Mech. Lift)	0	0	35	0	0	0
Inner Doors at Loading Dock	0	0	60	0	0	0
Parking Lot Repair	0	0	0	325	0	0
Public Area Restoration	0	0	0	200	200	200
2. FACADE, ROOF & TERRACE REPAIRS						
Roof Repair - Design & Construction	0	0	0	0	500	0
3. FIRE DETECTION & SUPPRESSION						
Fire Protection Master Plan Implementation	100	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
North & South Entrance Improvements	0	0	0	0	0	0
Hall 16 Disabled Access	120	0	0	0	0	0
Elevator Repairs	85	90	95	100	0	0
5. UTILITY SYSTEM REPAIRS						
Utility Tunnel Repairs	0	0	150	750	750	0
Miscellaneous Electrical Repairs	0	0	160	0	0	0
6. ADVANCED PLANNING & INSPECTION						
Public Area Restoration, including Column Cleaning, Lighting, and Interior Handrails	0	50	0	0	0	0
Total Request	305	140	500	1,375	1,450	200
MAJOR CAPITAL RENEWAL						
	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
1. MASTER IMPLEMENTATION PLAN						
Master Plan Improvements	8,100 *	8,500	8,500	10,000	14,000	14,000
Design Costs, Master Plan	490 *	500	840	840	840	840
2. INTERIM CORRECTIVE MEASURES						
Interim Improvements	900 *	650	1,000	1,000	1,000	1,000
Design Costs, Interim Corrective Measures	60 *	40	60	60	60	60
Relocation Costs, Master Plan & Interim	400 *	450	500	500	500	500
Total Request	9,950	10,140	10,900	12,400	16,400	16,400
* Subsequent years funding subject to results of planning effort.						
TOTAL FOR R&R OF BUILDINGS PROGRAM	10,255	10,280	11,400	13,775	17,850	16,600

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 NATIONAL MUSEUM OF NATURAL HISTORY - 31

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Hall 10 Demolition	0	0	75	0	0	0
Hall 20 & 21 Demolition	0	0	220	0	0	0
Hall 27 Demolition	0	0	0	0	0	245
Hall 30 Demolition	0	0	0	0	0	170
Checkroom Improvements	50	0	0	0	0	0
New Restrooms, West Loading Dock	125	0	0	0	0	0
Space Modifications/Improvements	100	100	300	300	0	0
Board Room	700	285	0	0	0	0
Cafeteria Power Study Implementation	0	0	0	0	0	30
Total Request	975	385	595	300	0	445
TOTAL FOR FEDERAL CONST. PROGRAM	975	385	595	300	0	445

	<u>FY'90</u>	<u>FY'91</u>	<u>FY'92</u>	<u>FY'93</u>	<u>FY'94</u>	<u>FY'95</u>
BUREAU TOTAL (31 - NMNH)	11,230	10,665	11,995	14,075	17,850	17,045

Note: See "Other Projects" sheet for additional non-bureau projects within the bureaus facility.

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
SMITHSONIAN INSTITUTION BUILDING - 32

REPAIR & RESTORATION OF BUILDINGS PROGRAM						
REPAIR, RESTORATION & CODE COMPLIANCE	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
1. GENERAL REPAIRS						
Tunnel Repairs & Waterproofing	350	0	0	0	0	0
Structural Inspection, Pre-pln'g Study & Implem.	250	0	0	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Facade Restoration (Masonry)	50	50	50	50	0	0
Window Restoration/Replacement	600	200	0	0	0	0
Repainting of SI Building Facade	250	175	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
Smoke Detection/Sprinklers/Fire Zones	0	0	0	0	300	0
4. ACCESS, SAFETY & SECURITY						
Handicapped Accessibility, South Tower	100	100	0	0	0	0
Modifications at All Restrooms	0	160	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Energy Audit	0	75	0	0	0	0
Redesign & Replace SI Steam Station	0	0	0	300	0	0
Reutilize Exhaust Air	0	0	0	300	0	0
Room T650 Air Conditioning	0	0	50	0	0	0
6. ADVANCED PLANNING & INSPECTION						
Basement Space Use Master Plan Study	0	0	50	0	400	0
Total Request	1,600	760	150	650	700	0
MAJOR CAPITAL RENEWAL						
1. Energy Study						
Implementation	0	0	0	0	0	3,000
Design Costs	0	0	0	0	400	0
Relocation Costs	0	0	0	0	0	175
Total Request	0	0	0	0	400	3,175
TOTAL FOR R&R OF BUILDINGS PROGRAM	1,600	760	150	650	1,100	3,175

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 SMITHSONIAN INSTITUTION BUILDING - 32

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Miscellaneous Office Modifications	0	100	100	100	100	100
Space Modifications/Relocations	0	0	0	0	0	800
Total Request	0	100	100	100	100	900
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	<u>0</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>900</u>

BUREAU TOTAL (32 - SIB)	<u>1,600</u>	<u>860</u>	<u>250</u>	<u>750</u>	<u>1,200</u>	<u>4,075</u>
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**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
ARTS & INDUSTRIES BUILDING - 33**

REPAIR & RESTORATION OF BUILDINGS PROGRAM						
REPAIR, RESTORATION & CODE COMPLIANCE	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
1. GENERAL REPAIRS						
Miscellaneous Ceiling Tile Repair	0	0	15	0	0	0
Rotunda & Halls Painting	0	165	0	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Facade Statuary Refurbishment	0	0	160	0	0	500
Entry Arches Rehabilitation	0	0	110	0	0	0
Exterior Painting	100	0	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
No Projects Identified	0	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Handicapped Accessibility	0	200	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Cooling Tower #1 Repairs/Replacement	70	0	0	0	0	0
Chiller Replacement	0	0	130	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	170	365	415	0	0	500
MAJOR CAPITAL RENEWAL						
1. HVAC & ELEC. IMPROVEMENTS - Master Plan Implementation						
Construction Costs	0	0	0	0	6,000	6,000
Asbestos Abatement Costs	0	0	0	0	500	500
Design Costs	0	0	0	360	360	360
Relocation Cost	0	0	0	600	300	300
Total Request	0	0	0	960	7,160	7,160
TOTAL FOR R&R OF BUILDINGS PROGRAM	170	365	415	960	7,160	7,660

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 ARTS & INDUSTRIES BUILDING - 33

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Miscellaneous Interior Modifications	300	275	300	800	800	800
Total Request	300	275	300	800	800	800
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	<u>300</u>	<u>275</u>	<u>300</u>	<u>800</u>	<u>800</u>	<u>800</u>

BUREAU TOTAL (33 - AIB)	<u>470</u>	<u>640</u>	<u>715</u>	<u>1,760</u>	<u>7,960</u>	<u>8,460</u>
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REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 AMERICAN ART/PORTRAIT GALLERY - 34

<i>REPAIR & RESTORATION OF BUILDINGS PROGRAM</i>						
<i>REPAIR, RESTORATION & CODE COMPLIANCE</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
<i>1. GENERAL REPAIRS</i>						
Waterproofing & Detection	0	50	0	0	0	0
Great Hall Painting	0	0	60	0	0	0
<i>2. FACADE, ROOF & TERRACE REPAIRS</i>						
Roof Moisture Study/Repair	10	50	0	0	0	0
<i>3. FIRE DETECTION & SUPPRESSION</i>						
Fire Protection Improvements	200	125	0	0	0	0
<i>4. ACCESS, SAFETY & SECURITY</i>						
Exhaust System Modifications	100	0	65	0	0	0
Extend Library/Great Hall Mezzanine Handrails	0	0	100	0	0	0
<i>5. UTILITY SYSTEM REPAIRS</i>						
Test & Balance Air & Water Systems	0	0	0	35	0	0
Water Pipe Replacement	200	0	0	0	0	0
Replace Transformer Supervisory System	0	0	100	0	0	0
<i>6. ADVANCED PLANNING & INSPECTION</i>						
No Projects Identified	0	0	0	0	0	0
Total Request	510	225	325	35	0	0
<i>MAJOR CAPITAL RENEWAL</i>						
<i>1. HVAC SYSTEM RENOVATION</i>						
HVAC Improvements	0	0	0	0	1,200	1,200
Window Replacement/Repair	0	0	0	0	500	500
Design Costs	0	0	0	420	0	0
Relocation Costs	0	0	0	0	100	100
Total Request	0	0	0	420	1,800	1,800
TOTAL FOR R&R OF BUILDINGS PROGRAM	510	225	325	455	1,800	1,800

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 AMERICAN ART/PORTRAIT GALLERY - 34

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Attic Modifications - Storage Racks	100	150	0	0	0	0
Room 334 Mezzanine and NW Attic Improvements	0	0	390	0	0	0
Building Renovation (Design & Construction)	0	0	0	160	800	800
Education Space Modifications, NPG	0	0	0	0	0	250
Total Request	100	150	390	160	800	1,050
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	100	150	390	160	800	1,050

	<u>FY'90</u>	<u>FY'91</u>	<u>FY'92</u>	<u>FY'93</u>	<u>FY'94</u>	<u>FY'95</u>
BUREAU TOTAL (34 - AAPG)	610	375	715	615	2,600	2,850

**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
NATIONAL AIR & SPACE MUSEUM - 35**

REPAIR & RESTORATION OF BUILDINGS PROGRAM						
REPAIR, RESTORATION & CODE COMPLIANCE	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
1. GENERAL REPAIRS						
Paint Structural Trusses	0	0	130	0	0	0
Replace Third Floor Ceiling	0	650	0	0	0	0
Repaint & Restripe Parking Garage	0	0	260	0	0	0
Public Restroom Modifications	120	265	0	0	0	0
Snow Melter Repairs at Ramps	0	300	0	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Builtup Roof Repairs	450	0	0	0	0	0
Skylight Replacement	900	0	3,600	1,700	0	0
Window Replacement	600	0	2,700	1,300	0	0
Facade Recaulking	0	0	0	0	0	500
3. FIRE DETECTION & SUPPRESSION						
Fire Protection Master Plan Implementation	100	300	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Garage Level Elevator Lobby & Access Control	0	0	0	130	0	0
Elevator Monitor Panel	0	40	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Energy Study Implementation	0	0	600	0	0	0
Electrical Reliability Improvements	0	0	0	2,000	0	0
Miscellaneous HVAC Improvements	0	0	0	1,300	0	0
Ventilation and Temperature Controls, Rms 1156/57	0	0	35	0	0	0
6. ADVANCED PLANNING & INSPECTION						
Master Facility Plan	200	0	0	0	0	0
Total Request	2,370	1,555	7,325	6,430	0	500
MAJOR CAPITAL RENEWAL						
Master Facility Plan Implementation	0	0	0	0	1,500	1,500
Design Costs	0	0	0	100	100	200
Relocation Costs	0	0	0	0	150	150
Total Request	0	0	0	100	1,750	1,850
TOTAL FOR R&R OF BUILDINGS PROGRAM	2,370	1,555	7,325	6,530	1,750	2,350

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 NATIONAL AIR & SPACE MUSEUM - 35

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Public Address System Modifications	0	0	0	125	0	0
East Wing Space Modifications	320	200	0	0	0	0
Escalator Storage Areas	0	0	0	0	60	0
Space Modifications, Rooms P-703 & P-713	0	0	0	0	120	0
Upgrade Electrical Panel Board	60	0	0	0	0	0
New Storage Area behind P-720	0	0	0	25	0	0
New Offices in Corridor 3400	0	0	0	175	0	0
New Restrooms/Coatroom Facility	0	0	300	0	0	0
Total Request	380	200	300	325	180	0
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	380	200	300	325	180	0

BUREAU TOTAL (35 - NASM)	2,750	1,755	7,625	6,855	1,930	2,350
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**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
RENWICK GALLERY - 36**

<i>REPAIR & RESTORATION OF BUILDINGS PROGRAM</i>						
<i>REPAIR, RESTORATION & CODE COMPLIANCE</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
1. GENERAL REPAIRS						
No Projects Identified	0	0	0	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Roof Repairs	435	0	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
No Projects Identified	0	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
No Projects Identified	0	0	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Energy Study Implementation	0	0	0	950	0	0
Upgrade Electrical Feeder	0	0	0	270	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	435	0	0	1,220	0	0
<i>MAJOR CAPITAL RENEWAL</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0
TOTAL FOR R&R OF BUILDINGS PROGRAM	435	0	0	1,220	0	0

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 RENWICK GALLERY - 36

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Electrical Survey Implementation	0	0	0	0	225	0
Total Request	0	0	0	0	225	0
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>225</u>	<u>0</u>

BUREAU TOTAL (36 - RG)	<u>435</u>	<u>0</u>	<u>0</u>	<u>1,220</u>	<u>225</u>	<u>0</u>
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**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
FREER GALLERY OF ART - 37**

REPAIR & RESTORATION OF BUILDINGS PROGRAM						
REPAIR, RESTORATION & CODE COMPLIANCE	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
1. GENERAL REPAIRS						
Renovation of Gallery Level	300	800	600	0	0	0
Miscellaneous Repairs	0	500	0	0	0	0
Attic Level Repairs	0	0	160	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Facade Pointing & Lighting Repair	500	0	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
No Projects Identified	0	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Security System	0	400	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Modify Steam Heating System	0	0	0	0	0	0
New Electrical Substation	600	0	0	0	0	0
6. ADVANCED PLANNING & INSPECTION						
Skylight Replacement Study	0	0	50	0	0	0
Total Request	1,400	1,700	810	0	0	0
MAJOR CAPITAL RENEWAL						
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0
TOTAL FOR R&R OF BUILDINGS PROGRAM	1,400	1,700	810	0	0	0

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 FREER GALLERY OF ART - 37

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Sitework and Landscaping Modifications	0	40	360	0	0	0
Auditorium Renovation	0	0	300	0	0	0
Telephone System	0	100	0	0	0	0
Ground & Collection Storage Level Partitions	0	0	0	325	0	0
Light Control System	0	0	0	0	100	0
Visitor Information & Security Desk	0	0	0	0	150	0
Total Request	0	140	660	325	250	0
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	<u>0</u>	<u>140</u>	<u>660</u>	<u>325</u>	<u>250</u>	<u>0</u>

BUREAU TOTAL (37 - FGA)	<u>1,400</u>	<u>1,840</u>	<u>1,470</u>	<u>325</u>	<u>250</u>	<u>0</u>
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**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
SILVER HILL FACILITY - 38**

<i>REPAIR & RESTORATION OF BUILDINGS PROGRAM</i>						
<i>REPAIR, RESTORATION & CODE COMPLIANCE</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
1. GENERAL REPAIRS						
General Repairs, All Buildings	0	100	135	100	120	100
Road Repairs between Buildings 7 thru 19, 18, & 28	0	0	0	200	0	0
Perimeter Fencing	0	0	5	5	5	5
2. FACADE, ROOF & TERRACE REPAIRS						
Roof and Structural Repairs, All Buildings	50	0	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
No Projects Identified	0	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Emergency Generator, Garber Facility	0	0	0	400	0	0
Building 10 Addition for Chemical Cleaning (NASM)	0	0	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Buildings 7, 20 thru 24 - Electrical Upgrade	0	0	500	0	0	0
Building 10 - HVAC Upgrade	0	0	100	0	0	0
Replace Windows - Various Buildings	0	0	50	0	0	0
Miscellaneous Electrical Repairs	0	225	0	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request						
	50	325	790	705	125	105
MAJOR CAPITAL RENEWAL						
No Projects Identified	0	0	0	0	0	0
Total Request						
	0	0	0	0	0	0
TOTAL FOR R&R OF BUILDINGS PROGRAM						
	<u>50</u>	<u>325</u>	<u>790</u>	<u>705</u>	<u>125</u>	<u>105</u>

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
SILVER HILL FACILITY - 38

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Improve NMNH Buildings 25 & 26 and Building 27	0	0	0	0	995	0
Environ. Controlled Chamber & Balcony, Building 24 (NASM)	0	0	0	200	0	0
Artifact Storage Building (NASM)	0	0	0	80	810	0
OPLANTS Maintenance Building	0	0	0	0	0	70
Upgrade Building 17 (NMAH)	325	0	750	950	0	0
Loading Facility (NMAH)	0	0	0	0	0	60
Collection Storage (AM)	0	0	0	150	0	0
Total Request	325	0	750	1,380	1,805	130
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	325	0	750	1,380	1,805	130

BUREAU TOTAL (38 - SHF)	375	325	1,540	2,085	1,930	235
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**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
SMITHSONIAN ENVIRONMENTAL RESEARCH CENTER - 44**

REPAIR & RESTORATION OF BUILDINGS PROGRAM						
REPAIR, RESTORATION & CODE COMPLIANCE	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
1. GENERAL REPAIRS						
General Repairs	45	60 *	100 *	100 *	115 *	120 *
Road Repairs	0	0	25	0	0	0
Water Tower Repairs	30	30	0	0	0	0
Renovate Old Dominion Building	30	40	750	0	0	0
Construct New Boat Ramp	0	0	0	135	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
No Projects Identified	0	0	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
Misc. Fire Protection (Field Lab., Admin. Bldg. Halon, Calf & Mule Barns)	20	0	0	0	0	0
CO2 Lab Fire/Security Repairs	0	0	0	150	0	0
4. ACCESS, SAFETY & SECURITY						
Restroom Modifications (Visitor's Center)	0	0	25	0	0	0
Access - Administration Building	0	0	25	0	0	0
Security Lighting	0	0	25	0	0	0
Emergency Power Study Implementation	0	0	0	150	0	0
5. UTILITY SYSTEM REPAIRS						
No Projects Identified	0	0	0	0	0	0
6. ADVANCED PLANNING & INSPECTION						
Master Plan Update	0	150	0	0	0	0
Total Request	125	280	950	535	115	120
* Subject to reevaluation each fiscal year.						
MAJOR CAPITAL RENEWAL	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
No projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0
TOTAL FOR R&R OF BUILDINGS PROGRAM	125	280	950	535	115	120

Dock Storage Shed

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 SMITHSONIAN ENVIRONMENTAL RESEARCH CENTER - 44

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Greenhouse Addition	100	0	0	0	0	0
Storage Building	0	0	365	0	0	0
Parking Lot (40 Cars)	0	0	0	0	0	40
Visitor Center at the Dock (Design & Const.)	0	0	0	220	0	0
Caretaker/Security Residence	0	0	0	110	0	0
Road Improvements	0	0	0	0	0	150
Lab Modules	0	350	0	0	400	0
Dock Storage Shed	0	0	150	0	0	0
Total Request	100	350	515	330	400	190
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	100	350	515	330	400	190

	<u>FY'90</u>	<u>FY'91</u>	<u>FY'92</u>	<u>FY'93</u>	<u>FY'94</u>	<u>FY'95</u>
BUREAU TOTAL (44 - SERC)	225	630	1,465	865	515	310

Dock Storage Shed

**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
HIRSHHORN MUSEUM & SCULPTURE GARDEN - 45**

REPAIR & RESTORATION OF BUILDINGS PROGRAM						
REPAIR, RESTORATION & CODE COMPLIANCE	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
1. GENERAL REPAIRS						
Parapet & Wall Ventilation	0	0	0	200	0	0
Pressure Grouting/Sandblasting- Sculpture Garden	0	0	10	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Court Sill	0	30	0	260	0	0
Plaza Resurfacing and Landscaping	1,200	300	575	0	0	0
3. FIRE DETECTION & SUPPRESSION						
Fire Protection Improvements	0	70	0	0	0	0
Fourth Floor Art Storage Halon System	0	0	200	0	0	0
4. ACCESS, SAFETY & SECURITY						
Paint Spray Booth Modifications	100	0	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Miscellaneous HVAC Projects	0	260	700	120	0	0
Relocation & Replacement of Condensate Pumps	100	0	0	0	0	0
Interior Lighting Zoning Modifications	0	0	0	200	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	1,400	660	1,485	780	0	0
MAJOR CAPITAL RENEWAL						
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0
TOTAL FOR R&R OF BUILDINGS PROGRAM	<u>1,400</u>	<u>660</u>	<u>1,485</u>	<u>780</u>	<u>0</u>	<u>0</u>

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 HIRSHHORN MUSEUM & SCULPTURE GARDEN - 45

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Interior Lighting Modifications	0	0	25	0	0	0
Space Utilization Studies/Implementation	0	0	100	0	0	0
Total Request	0	0	125	0	0	0
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	<u>0</u>	<u>0</u>	<u>125</u>	<u>0</u>	<u>0</u>	<u>0</u>

BUREAU TOTAL (45 - HMSG)	<u>1,400</u>	<u>660</u>	<u>1,610</u>	<u>780</u>	<u>0</u>	<u>0</u>
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**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
ANACOSTIA MUSEUM - 46**

<i>REPAIR & RESTORATION OF BUILDINGS PROGRAM</i>						
<i>REPAIR, RESTORATION & CODE COMPLIANCE</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
1. GENERAL REPAIRS						
General Repairs	20	30	40	50	50	50
2. FACADE, ROOF & TERRACE REPAIRS						
Paint Metal Walls	0	0	10	0	0	0
3. FIRE DETECTION & SUPPRESSION						
No Projects Identified	0	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Building & Parking Lot Illumination	0	50	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Miscellaneous HVAC System Repairs	150	150	0	0	0	0
Exhibit Production Electrical Repair	0	0	20	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	170	230	70	50	50	50
MAJOR CAPITAL RENEWAL						
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0
TOTAL FOR R&R OF BUILDINGS PROGRAM	<u>170</u>	<u>230</u>	<u>70</u>	<u>50</u>	<u>50</u>	<u>50</u>

**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
ANACOSTIA MUSEUM - 46**

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
New Lighting for Gallery	20	0	95	0	0	0
Mezzanine Office Expansion	0	0	0	0	350	0
Total Request	20	0	95	0	350	0
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	<u>20</u>	<u>0</u>	<u>95</u>	<u>0</u>	<u>350</u>	<u>0</u>

BUREAU TOTAL (46 - AM)	<u>190</u>	<u>230</u>	<u>165</u>	<u>50</u>	<u>400</u>	<u>50</u>
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**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
SMITHSONIAN TROPICAL RESEARCH INSTITUTE - 50**

<i>REPAIR & RESTORATION OF BUILDINGS PROGRAM</i>						
<i>REPAIR, RESTORATION & CODE COMPLIANCE</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
1. GENERAL REPAIRS						
General Repairs	75	100	150	150	150	150
Pier Structural Repairs - Naos	0	0	75	0	0	0
Structural Repairs, Admin. Building - Tivoli	0	45	0	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Painting of Structures	0	0	35	35	45	35
Roof Repairs at Various Sites	55	55	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
No Projects Identified	0	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Chemical/Hazardous Waste Storage - Gamboa	0	50	0	0	0	0
Chemical/Hazardous Waste Storage - Naos	0	50	0	0	0	0
Emergency Power, Electrical Generator, Tivoli	0	0	400	0	0	0
5. UTILITY SYSTEM REPAIRS						
Communications Structure - BCI	0	45	0	0	0	0
HVAC, Electrical, Plumbing Repair - Ancon Building	0	100	0	0	0	0
Electrical Rewiring - BCI	0	35	0	0	0	0
Building 352 HVAC Repair & Replacement	0	30	0	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	130	510	660	185	195	185
MAJOR CAPITAL RENEWAL						
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0
TOTAL FOR R&R OF BUILDINGS PROGRAM	<u>130</u>	<u>510</u>	<u>660</u>	<u>185</u>	<u>195</u>	<u>185</u>

**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
SMITHSONIAN TROPICAL RESEARCH INSTITUTE - 50**

FEDERAL CONSTRUCTION PROGRAM						
ALTERATIONS & MODIFICATIONS	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
Seawater Systems Improvement - Naos	0	0	60	0	0	0
Aquarium Building Renovation - Naos	0	0	30	340	0	0
Lab Building Renovation - Naos	0	0	0	50	635	0
Floating Dock - Naos	0	0	0	0	75	0
Landscaping - Naos	0	0	0	0	0	50
Dive Locker Addition - Naos	0	0	0	0	35	0
Building 356 Renovation - Naos	0	0	0	0	15	0
Building 352 2nd Floor Upgrading - Naos	0	0	0	200	0	0
West Dock Facility - BCI	0	0	0	0	55	0
Boathouse Renovation - BCI	0	0	0	180	0	0
Miscellaneous Demolition - BCI	0	0	0	150	0	0
Staff Housing - BCI	0	400	0	50	450	0
Laboratory & Support Facilities - Gamboa	0	0	88	805	0	0
Administration Building Renovation - Tivoli	0	0	0	0	0	0
Visitors Center - Tivoli	0	0	0	0	0	135
Arboretum - Tivoli	0	0	0	0	0	175
Library Expansion & Renovation - Tivoli	0	0	0	0	645	0
Pipeline Road Improvements	0	0	0	0	225	0
Ancon Building Modifications	0	0	50	0	0	0
Total Request	0	400	228	1,775	2,135	360
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	0	400	228	1,775	2,135	360

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (50 - STRI)	130	910	888	1,960	2,330	545

**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
SMITHSONIAN ASTROPHYSICAL OBSERVATORY - 51**

<i>REPAIR & RESTORATION OF BUILDINGS PROGRAM</i>						
<i>REPAIR, RESTORATION & CODE COMPLIANCE</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
1. GENERAL REPAIRS						
Road Repair & Improvements, Whipple	200	325	525	475	40	40
General Repairs, Whipple	50	50	60	60	60	60
General Repairs, Oak Ridge	30	60	5	5	5	5
General Repairs, Cambridge	15	15	15	15	15	15
2. FACADE, ROOF & TERRACE REPAIRS						
Replace 60-inch Dome, Whipple	0	0	0	150	0	0
3. FIRE DETECTION & SUPPRESSION						
Fire Detection System - Oak Ridge	40	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Security System, Whipple	0	0	0	70	0	0
5. UTILITY SYSTEM REPAIRS						
Computer Center UPS, Cambridge	0	0	90	0	0	0
Computer Center HVAC, Cambridge	0	0	100	0	0	0
MMT UPS Enclosure, Whipple	0	20	0	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request						
	335	470	795	775	120	120
MAJOR CAPITAL RENEWAL						
No Projects Identified						
	0	0	0	0	0	0
Total Request						
	0	0	0	0	0	0
TOTAL FOR R&R OF BUILDINGS PROGRAM						
	<u>335</u>	<u>470</u>	<u>795</u>	<u>775</u>	<u>120</u>	<u>120</u>

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 SMITHSONIAN ASTROPHYSICAL OBSERVATORY - 51

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Fiber Network, Cambridge	0	0	0	0	130	0
Fiber Network, Whipple	0	0	0	0	80	0
Infrared Telescope Building (IOTA), Whipple	200	0	0	0	0	0
10M Reflector Enclosure (Design & Constr), Whipple	0	0	30	330	0	0
Commons Bldg. Bsm't Construction (6.5 & IOTA), Whipple	0	100	0	0	0	0
Miscellaneous Modifications - All SAO Facilities	0	0	50	50	50	50
Caretaker's Residence, Whipple	0	0	0	0	0	0
Snow Plow Garage, Whipple	0	0	0	0	0	0
GRANITE Support Facilities, Whipple	0	0	110	0	0	0
MMT Building Upgrade, Whipple	0	0	0	540	0	0
Computer Center Remodeling, Cambridge	0	0	0	0	60	0
Central Building Remodeling, Oak Ridge	0	0	0	0	0	0
Submillimeter Telescope Array	0	0	90	0	1,500	0
Mountain Fuel Storage, Whipple	0	0	0	0	10	90
Total Request	200	100	280	920	1,830	140
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	<u>200</u>	<u>100</u>	<u>280</u>	<u>920</u>	<u>1,830</u>	<u>140</u>

BUREAU TOTAL (51 - SAO)	<u>535</u>	<u>570</u>	<u>1,075</u>	<u>1,695</u>	<u>1,950</u>	<u>260</u>
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REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 COOPER-HEWITT MUSEUM - 58

<i>REPAIR & RESTORATION OF BUILDINGS PROGRAM</i>						
<i>REPAIR, RESTORATION & CODE COMPLIANCE</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
1. GENERAL REPAIRS						
General Repairs	20	50	55	50	50	50
General Repairs, Fox House	116	0	0	0	0	0
Miscellaneous Maintenance Projects	0	0	70	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Roof Replacement	0	2,000	0	0	0	0
Window Restoration, Miller House	0	0	0	75	0	0
Fence Repair & Painting/Restoration Study	10	80	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
Sprinkler System, Miller House	0	0	0	120	0	0
Miscellaneous Fire Protection Improvements	0	200	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Handicapped Access	200	0	0	600	0	0
5. UTILITY SYSTEM REPAIRS						
Energy Study Design & Implementation	200	400	405	0	0	0
Electrical Renovation, Miller House	60	250	0	0	0	0
Study & Implem. of HVAC Improvements, Miller House	0	0	60	0	600	0
Domestic Water, Miller House	0	0	150	0	0	0
Storm Window Installation, Miller House	0	0	0	0	25	0
6. ADVANCED PLANNING & INSPECTION						
Restoration Planning Study	0	50	0	0	0	0
Total Request						
	606	3,030	740	845	675	50
MAJOR CAPITAL RENEWAL						
	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Master Plan Development	0	0	200	0	0	0
Total Request						
	0	0	200	0	0	0
TOTAL FOR R&R OF BUILDINGS PROGRAM						
	<u>FY'90</u>	<u>FY'91</u>	<u>FY'92</u>	<u>FY'93</u>	<u>FY'94</u>	<u>FY'95</u>
	606	3,030	940	845	675	50

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 COOPER-HEWITT MUSEUM - 58

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Directors Office Renovation	10	0	0	0	0	0
Attic Space Renovation	0	0	0	0	0	275
Fox House Renovation	0	260	0	0	0	0
Miller House Planning/Design/Restoration	35	75	0	0	0	0
Garden Landscaping	0	0	0	0	0	0
Total Request	45	335	0	0	0	275
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	<u>45</u>	<u>335</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>275</u>

<u>BUREAU TOTAL (58 - CHM)</u>	<u>FY'90</u>	<u>FY'91</u>	<u>FY'92</u>	<u>FY'93</u>	<u>FY'94</u>	<u>FY'95</u>
	651	3,365	940	845	675	325
Note: See "Other Projects" sheet for additional, non-bureau projects within the bureaus facility.						

**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 QUADRANGLE - 63**

<i>REPAIR & RESTORATION OF BUILDINGS PROGRAM</i>						
<i>REPAIR, RESTORATION & CODE COMPLIANCE</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
<i>1. GENERAL REPAIRS</i>						
No Projects Identified	0	0	0	0	0	0
<i>2. FACADE, ROOF & TERRACE REPAIRS</i>						
No Projects Identified	0	0	0	0	0	0
<i>3. FIRE DETECTION & SUPPRESSION</i>						
No Projects Identified	0	0	0	0	0	0
<i>4. ACCESS, SAFETY & SECURITY</i>						
No Projects Identified	0	0	0	0	0	0
<i>5. UTILITY SYSTEM REPAIRS</i>						
No Projects Identified	0	0	0	0	0	0
<i>6. ADVANCED PLANNING & INSPECTION</i>						
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0
<i>MAJOR CAPITAL RENEWAL</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0
TOTAL FOR R&R OF BUILDINGS PROGRAM	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 QUADRANGLE - 63

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Rooms 2013, 2014, 2072, & 2073	0	0	0	0	0	150
Total Request	0	0	0	0	0	150
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>150</u>

	<u><i>FY'90</i></u>	<u><i>FY'91</i></u>	<u><i>FY'92</i></u>	<u><i>FY'93</i></u>	<u><i>FY'94</i></u>	<u><i>FY'95</i></u>
BUREAU TOTAL (63 - QD)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>150</u>

**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
MUSEUM SUPPORT CENTER - 71**

REPAIR & RESTORATION OF BUILDINGS PROGRAM						
REPAIR, RESTORATION & CODE COMPLIANCE	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
1. GENERAL REPAIRS						
Door Repair/Replacement at Pod 4	35	0	0	0	0	0
Miscellaneous Painting	0	0	50	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Facade Renovations	0	0	80	0	0	0
3. FIRE DETECTION & SUPPRESSION						
No Projects Identified	0	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Hazardous Waste Storage	0	0	0	0	0	0
Fume Hood Modifications	100	100	0	0	0	0
Modifications to Holding Tank	30	0	0	0	0	0
Exterior Lighting Modifications	0	0	100	0	0	0
Public Address System	0	0	50	0	0	0
Miscellaneous Access & Road Repairs	0	0	40	0	0	0
Exterior Lighting & CCTV Controls	0	0	100	0	0	0
Explosion Proof Room E1105	0	0	50	0	0	0
5. UTILITY SYSTEM REPAIRS						
Emergency Water Supply Increase	100	0	0	0	0	0
Cooling Tower Renovation	40	90	0	0	0	0
Miscellaneous Electrical Modifications	0	0	60	0	0	0
Miscellaneous HVAC Modifications	0	0	50	0	0	0
6. ADVANCED PLANNING & INSPECTION						
Uninterrupted Power Supply Study	0	0	25	0	0	0
Total Request	305	190	605	0	0	0
MAJOR CAPITAL RENEWAL						
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0
TOTAL FOR R&R OF BUILDINGS PROGRAM	<u>305</u>	<u>190</u>	<u>605</u>	<u>0</u>	<u>0</u>	<u>0</u>

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
 MUSEUM SUPPORT CENTER - 71

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
Weather Enclosure at Loading Dock	285	70	0	0	0	0
Lunch Room Expansion	0	0	225	0	0	0
Greenhouse (MSC Site)	0	400	555	0	0	0
LMS Lab Renovation	150	100	0	0	0	0
Total Request	435	570	780	0	0	0
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	435	570	780	0	0	0

	<u>FY'90</u>	<u>FY'91</u>	<u>FY'92</u>	<u>FY'93</u>	<u>FY'94</u>	<u>FY'95</u>
BUREAU TOTAL (71 - MSC)	740	760	1,385	0	0	0

Note: See "Other Projects" sheet for additional non-bureau projects within the bureaus facility.

**REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
OTHER PROJECTS**

<i>REPAIR & RESTORATION OF BUILDINGS PROGRAM</i>						
<i>REPAIR, RESTORATION & CODE COMPLIANCE</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
1. GENERAL REPAIRS						
No Projects Identified	0	0	0	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
East Garden Paving & Wall Repair	0	0	50	0	0	0
3. FIRE DETECTION & SUPPRESSION						
SISC Smoke Detection	0	0	100	0	0	0
4. ACCESS, SAFETY & SECURITY						
SIL Security Modifications, NMNH	25	0	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Miscellaneous Electrical Mod. SISC	0	0	190	0	0	0
Install Transformer and Switchgear, USSAH	0	0	120	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	25	0	460	0	0	0
MAJOR CAPITAL RENEWAL						
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0
TOTAL FOR R&R OF BUILDINGS PROGRAM	25	0	460	0	0	0

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
OTHER PROJECTS

<i>FEDERAL CONSTRUCTION PROGRAM</i>						
<i>ALTERATIONS & MODIFICATIONS</i>	<i>FY'90</i>	<i>FY'91</i>	<i>FY'92</i>	<i>FY'93</i>	<i>FY'94</i>	<i>FY'95</i>
SIA: Storage Building Renovation, NZP/CRC	165	0	0	0	0	0
CAL: Office & Space Modifications, MSC	20	350	0	0	0	0
OH: Master Development Plan	0	0	0	0	0	150
OH: New Shipping/Receiving Structure, Soldiers' Home	0	0	0	0	140	0
OH: Water Supply to Planters, NASM	0	0	0	0	0	125
OH: Electrical Study Implementation, USSAH	0	0	0	0	0	130
OPPS: Photo Lab Storage Expansion, NMAH	200	50	0	0	0	0
SIL: Rare Books Library, NMNH	0	0	0	375	0	0
SIL: Compact Shelving, Various Sites	0	0	260	0	0	100
Total Request	385	400	260	375	140	505
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	<u>385</u>	<u>400</u>	<u>260</u>	<u>375</u>	<u>140</u>	<u>505</u>
BUREAU TOTAL (OTHERS)	<u>410</u>	<u>400</u>	<u>720</u>	<u>375</u>	<u>140</u>	<u>505</u>

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